



## Electrical Construction Products

### **Appleton and O-Z/Gedney**

A complete selection of industrial location fittings, commercial construction products, cord reels and switches.





**EMERSON SUPPLIES LONG-TERM, PRACTICAL AND HIGH QUALITY SOLUTIONS.**

Appleton™ and O-Z/Gedney™ products are manufactured to keep you and your job site safe and efficient. Superior design standards and a wide range of options meet the needs of a variety of application driven requirements. From Commercial Fittings, Industrial Location Fittings, and Reels and Switches — Emerson delivers the best products and services along with safe reliable power where you need it.

Emerson provides commercial products that connect your wire and conduit to make electrical installations safer, more productive and more reliable. From industrial grade extension cords and GFCIs to explosion proof, weather protected and special purpose Reelites™, Emerson meets the vast scope of your needs.

# Notes

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# Electrical Construction Products

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# Product Safety Statement

The information contained in this catalog is based on our experience to date and is believed to be reliable. All weights and dimensions are approximate. This catalog supersedes and voids all previous literature.

Information in this catalog is subject to change without notice. At times, it may be necessary to modify the materials, finishes, or other components of the product. These modifications will meet or exceed the performance or functional requirements of the product.

Appleton Group designs and manufactures a range of electrical products that meet the electrical codes of different geographic markets. Many of these products are evaluated by internationally recognized third-party product safety testing and certification agencies.

As a safety precaution, users of these products must verify the product is appropriate for their application by consulting the electrical code and safety standards for their area.

Appleton Group products should be installed in accordance with the installation instructions provided with the product and all applicable electrical codes. Additional safety requirements are indicated by appropriate Danger, Warning and Caution statements which follow the suggested format of the American National Standards Institute (ANSI).

These statements are intended to inform not only knowledgeable, sophisticated installers and users, but also those who will have casual contact with the product. Failure to follow this information could result in serious personal injury. Where appropriate these statements may appear on:

1. The product carton
2. The label attached to the product carton
3. The instruction sheet
4. The product itself in a conspicuous manner where physical space allows

Any questions with regard these statements or safety should be addressed to:

Product Safety Officer  
Appleton Group  
9377 W. Higgins Road  
Rosemont, IL 60018  
1-800-621-1506  
[www.emerson.com](http://www.emerson.com)

## Ferrous Cast Metals

The principal cast metals used to manufacture our extensive product line are malleable iron, ductile iron or gray iron.

### Malleable Iron

- Malleable Iron has excellent elongation and deformation properties, corrosion resistance and shock absorption during impact. Its castability in thin sections results in a durable impact resistant material.
- Mechanical Properties:
  - ASTM A47, 32510
    - Tensile 50,000 psi
    - Yield 32,500 psi
    - Elongation 10%

### Ductile Iron

- Ductile Iron has excellent elongation and deformation properties, corrosion resistance and shock absorption during impact. In heavy sections, ductile iron produces sound, uniform castings in a durable, impact resistant material.
- Mechanical Properties:
  - ASTM A536, 654512
    - Tensile 65,000 psi
    - Yield 45,000 psi
    - Elongation 12%

### Grayloy®

- Gray Iron has good corrosion resistance, excellent wear resistance and high vibration damping capacity. Yield and elongation properties are compensated with heavy wall sections.
- Mechanical Properties:
  - ASTM A-48, Class 25
    - Tensile 25,000 psi
  - ASTM A-42, Class 30
    - Tensile 30,000 psi
  - ASTM A-48, Class 45
    - Tensile 45,000 psi
- Note: The yield and elongation of gray iron is not specified because it is not a significant property of this metal.

## Finish (all Ferrous Cast Metals)

- To enhance the corrosion resistance of the base ferrous metals, each product is coated with one of the following processes:
  - Zinc electroplate (also referred to as “electrogalvanize”)
  - Mechanical galvanize
  - Hot-dip galvanize
- Corrosion resistance is a function of the thickness of the protective coating of zinc over the base ferrous metal. In short, the thicker the coating, the longer the coating will remain in place to protect the base metal. Appleton offers an enhanced measure of corrosion protection through the mechanical or hot-dip galvanize method which is standard on many products.
- The minimum thickness of these unique coatings follows:
  - Zinc electroplate per UL 514B:
    - Steel (inside a box) = 00015” or 3.8 microns
    - Steel (outside a box) = 0005” or 12.5 microns
    - Iron = 00015” or 3.8 microns
  - Mechanical Galvanize = .002” or 50 microns per ASTM B695
  - Hot Dip Galvanize = .002” or 50 microns per ASTM A123.

## Non-Ferrous Cast Metals

### Aluminum

- Copper-free aluminum (maximum 4/10 of 1% copper) provides good corrosion resistance in a lightweight durable material.
- Mechanical Properties:
  - ASTM B26, 712.0
    - Tensile 34,000 psi
    - Yield 25,000 psi
    - Elongation 5%
  - ATSM B26, 535.0
    - Tensile 40,000 psi
    - Yield 21,000 psi
    - Elongation 13%
  - ASTM B179, A360.1
    - Tensile 46,000 psi
    - Yield 24,000 psi
    - Elongation 3.5%
  - ASTM B26,319.0
    - Tensile 27,000 psi
    - Yield 18,000 psi
    - Elongation 2%
  - ATSM B179, A413.1
    - Tensile 42,000 psi
    - Yield 19,000 psi
    - Elongation 3.5%

### Aluminum Finish

- Most aluminum products have an aluminum enamel finish or a gray vinyl enamel applied over a zinc chromate wash primer.

### Copper Alloys

- Copper alloys provide excellent corrosion resistance and electrical and thermal conductivity.
- Mechanical Properties:
  - CDA83600
    - Tensile 37,000 psi
    - Yield 17,000 psi
    - Elongation 30%
- Note: CDA = Copper Development Association

### Copper Alloy Finish

- Copper Alloys are inherently corrosion resistant and do not require secondary protective coatings.
- Power conducting and grounding products made with copper alloys may require a tin electroplate for use with aluminum conductors (CU-AL).

### Zinc Alloys

- Zinc die cast fittings are manufactured from Zamak #3 zinc alloy.

### Zinc Alloy Finish

- Zinc Diecast fittings produced with Zamak #3 alloy do not require a secondary protective coating.

### Cast Stainless Steel

- Grade 304
- Mechanical Properties:
  - Tensile 89,900 psi
  - Yield 47,900 psi
  - Elongation 62%



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WSR250	526	X-150M	11	XTP-3021	374
WSR250	528	X17	25	XTP-3024	374
WSR275	526	X-17SA	25	XTP-3030	374
WSR275	528	X18	39	XTP-5004	374
WST250	527	X19	64	XTP-5021	374
WST250	528	X-200	17	XTP-5024	374
WST275	527	X-200A	52	XTP-5030	374
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WSWITCH	545	X-200M	11	XTP-7521	374
WSX110	523	X27	25	XTP-7524	374
WSX110	525	X-27SA	25	XTP-7530	374
WSX150	523	X28	39	XTP-7550	374
WSX150	525	X29	64	XTP-7575	374
WSX175	523	X37	25	XTP-9221	374
WSX175	525	X-37SA	25	XTP-9230	374
WSX210	527	X38	39	XTP-9250	374
WSX210	528	X39	64	XTP-9292	374
WSX250	527	X448	39	XTPC-2104	374
WSX250	528	X47	25	XTPC-2121	374
WSX275	527	X-47SA	25	XTPC-2404	374
WSX275	528	X-50	17	XTPC-2421	374
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WVDD2	538	X-50A	52	XTPC-3004	374
WVDG2	536	X-50G	17	XTPC-3021	374
WVDL1	530	X-50M	11	XTPC-3024	374
WVG1	532	X57	25	XTPC-3030	374
WVG2	536	X-57SA	25	XTPC-5004	374
WVP161	531	X58	39	XTPC-5021	374
WVP211	531	X67	25	XTPC-5024	374
WVP211L1	531	X-67SA	25	XTPC-5030	374
WVS1	531	X68	39	XTPC-5050	374
WVSD2	538	X-75	17	XTPC-7521	374
WVSG2	536	X-75A	45	XTPC-7524	374
WVSS2	538	X-75A	52	XTPC-7530	374
WVTG2	537	X-75G	17	XTPC-7550	374
WVTG2GTG	549	X-75M	11	XTPC-7575	374
WVTG2GTW	549	XLH011	375		
WVTGGDT	549	XLH012	375		
WVTGUGNM	550	XLH221	375		

# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
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Conduit Bodies				
Form 35™ Malleable Iron Conduit Outlet Bodies	9	X	X	
Spec 5 Conduit Bodies, Covers and Gaskets	15	X	X	
FM7™ Conduit Outlet Bodies	23	X	X	
Form 7™ Iron Conduit Bodies, Covers and Gaskets	30	X	X	
FM8™ Conduit Outlet Bodies	37	X	X	
Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets	43	X	X	
Aluminum Conduit Bodies, Covers and Gaskets	50	X	X	
FM9™ Aluminum Conduit Outlet Bodies Covers Gaskets	62	X	X	
NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets	68	X	X	
Mogul Conduit Bodies, Covers and Gaskets	76	X	X	
LBD and LBDN Pulling Fittings	82	X	X	
Pull Boxes with Threaded Hubs and Covers	83	X		
Big-Bend Cast Pulling Elbow	84		X	
NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets	86	X	X	
NEER™ All-In-One Threaded Conduit Bodies	89	X	X	
NEER™ All-In-One Multi-Hub Threaded and Set Screw Conduit Bodies	91	X	X	
NEER™ Aluminum Set Screw Conduit Bodies and Accessories	94	X	X	
EMT Adapters	95	X	X	

Conduit Outlet Boxes				
JB Conduit Outlet Boxes, Covers and Hangers	96	X		
BKX Round Junction Boxes	98		X	
SEH Conduit Outlet Boxes and Covers	102	X	X	
GS Conduit Outlet Boxes, Covers Hangers	103	X		
GS Round Junction Boxes	105		X	

Cast Device Boxes				
FS and FD Cast Hub Device Boxes	107	X	X	
FDB Single and Multiple Gang Cast Device Boxes	146	X		
FDH Single and Multiple Gang Cast Device Boxes	151	X		
FAH Weatherproof Receptacle and Breaker Assemblies	159		X	
OCB Outdoor Connection Box	160	X	X	



# Commercial and Industrial Fittings

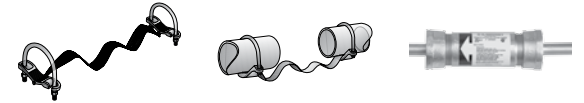
Description	Page	NEC	CEC	ATEX/IEC
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Expansion and Deflection Fittings				
AX Expansion Fittings	161	X	X	
TX Expansion Fittings	162	X		
EX Expansion Fittings	163	X	X	
BJ Bonding Jumpers	164	X	X	
ABJ Bonding Jumpers	165	X	X	
AXB Series Expansion Fittings with Integral Bond	166	X	X	
DX Deflection Expansion Fittings	167	X	X	
AXDX Deflection Expansion Fittings	168	X	X	
EXPB Expansion – Pull Box Fittings	169	X		
PB and PBW Pull Box Fittings	170	X		

Rigid and IMC Conduit Fittings				
SCC and SSP Series Threaded Rigid Conduit and IMC Bolt-On™ Couplings	172	X	X	
Threaded Three Piece Couplings and Elbows	173	X	X	
Type CH Space-Maker Conduit Hubs	175	X	X	
Type CHM Raintight Conduit Hubs	176	X	X	
Threaded Conduit Hubs With Bonding Screw	177	X	X	
Threaded Conduit Hubs	178	X	X	
Globally Certified Hubs	180	X	X	X
Aluminum Diecast Watertight Hubs	182	X	X	
Zinc Diecast Watertight Hubs	184	X	X	
Threaded Enlargers and Nipples	186	X	X	
Type ICC Phenolic Insulating Couplings	188	X	X	
Threadless Compression and Set-Screw Couplings and Connectors	189	X	X	
Type EF and Type EFL Concrete Slab Electroform Inserts	193	X	X	
Conduit End Bells	194	X	X	
Cable Supports	195	X	X	
Conduit Ventilators	214	X	X	
Conduit Sealing Bushings	215		X	



AX Expansion Fitting TX Expansion Fitting EX Expansion Fitting



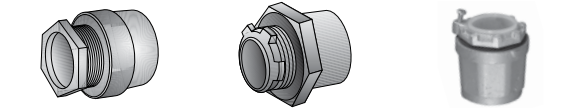
BJ Bonding Jumper ABJ Bonding Jumper AXB Expansion Fitting



DX Expansion Fitting AXDX Expansion Fitting EXPB Expansion Fitting



PB/PBW Pull Box Fitting SCC/SSP Coupling Three Piece Coupling



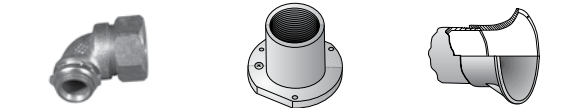
Type CH Type CHM Threaded Conduit Hub w/ Bonding Screw



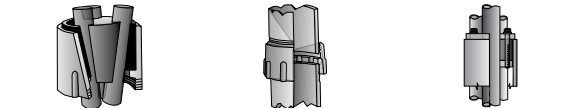
90° Threaded Conduit Hub Globally Certified Hub Aluminum Diecast Watertight Hub



Zinc Diecast Watertight Hub Male Enlarger Type ICC



90° Compression Box Connector Straight Conduit Insert Type TNS Conduit End Bell



Type S Cable Support Type KVF Conduit Ventilator Type CSBE Sealing Bushing

# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/IEC
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### Rigid and IMC Conduit Fittings

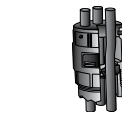
Cable Terminators	224		X	
Thru Wall Floor Seals	236	X	X	
NEER™ Zinc Bushed Conduit Nipples	249	X	X	
NEER™ Zinc Offset Nipples and Three Piece Couplings	250	X	X	
NEER™ Zinc Pulling Ells	251	X	X	

### Rigid and IMC Straps, Clamps and Hangers

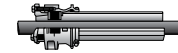
Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC	252		X	
Rigid Metal Conduit, IMC or EMT “K-Clamps”	259		X	
Rigid Metal Conduit, IMC or EMT Hang-On™ Hangers	261	X	X	
Rigid Metal Conduit, IMC or EMT Pipe Hangers	262	X	X	
CTC Conduit Cable Tray Clamps	266	X	X	
TCC Single TCCD Double Conduit Cable Tray Clamps	268	X		
NEER™ Straps	269	X	X	
NEER™ Conduit Hangers	270	X		
NEER™ Nail Straps	271	X		
NEER™ Beam Clamps, Jack Chain and S Hooks	272	X	X	
NEER™ Cable Staples	273	X	X	

### Liquidtight Conduit Fittings

Installation Features of ST™, STB, STN and STL Connectors and Hubs	274	X	X	
Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors	275	X	X	
Liquidtight STF Connectors with Threaded Hubs	278	X	X	
Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief	279	X	X	
Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs	282	X	X	
Aluminum Liquidtight ST™ Series Connectors with Plain Throat	285	X	X	
Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit	286	X	X	
Liquidtight Flexible Nonmetallic Conduit Connectors	288	X	X	
Liquidtight STNM™ Type A Flexible Nonmetallic Conduit Connectors	289	X	X	
PG and ISO Metric Thread Liquidtight Insulated Connectors	290	X	X	
Liquidtight Accessories	293	X	X	
4Q Straight Liquidtight Connectors	294	X	X	
4Q 45° and 90° Liquidtight Connectors	296	X	X	



Type CRC Cable Terminator



Type FSK Thru Wall Floor Seal



NEER™ Zinc Bushed Conduit Nipple



NEER™ Zinc Three Piece Coupling



90° Female/Female Pulling Ell



Beam Clamp



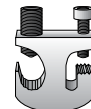
Right Angle Type “K-Clamp”



Hang-On™ Conduit Hanger with Bolt



Type AJ Pipe Hanger



Cable Tray Grounding Clamp



TCC Single Conduit Cable Tray Clamp



NEER™ One Hole Click-On Strap



NEER™ Conduit Hanger



NEER™ Nail Strap



NEER™ S Hook



NEER™ Cable Staple



Liquidtight ST™ Plain Throat Connector



Liquidtight STF Connector



Liquidtight Wire Mesh Strain



STB Insulated Throat Connector



Aluminum Liquidtight ST™ Connector with Plain Throat



Liquidtight STN Insulated Connector



Liquidtight STNM™ Flexible Nonmetallic Connectors



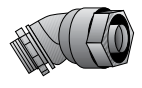
PG/ISO Liquidtight Connector



Steel Backed Neoprene Sealing Gasket Accessory



4Q Straight Liquidtight Connectors



4Q 45° Liquidtight Connector

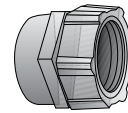
# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
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Liquidtight Conduit Fittings				
4Q-FM Liquidtight Combination Couplings	300	X	X	
4Q-WM Wire Mesh Liquidtight Connectors with Wire Mesh Strain Relief	301	X	X	
4Q Liquidtight Sealing Ring Assemblies	302	X	X	
Ground-Tite® 4Q Grounding Liquidtight Connectors	303	X	X	
Ground-Tite® 4Q 45° Grounding Liquidtight Connectors	304	X	X	
Ground-Tite® 4Q 90° Grounding Liquidtight Connectors	305	X	X	
Ground-Tite® 4Q Liquidtight Combination Couplings	306	X	X	
4Q Liquidtight Connectors	307	X	X	
4QS Straight, 45° and 90° Steel Liquidtight Fittings	308	X	X	
4QSS Straight, 45° and 90° Stainless Steel Liquidtight Connectors	309	X	X	
NEER™ Zinc Liquidtight Connectors	310	X	X	
NEER™ Nylon Liquidtight Connectors	312	X		

Cord and Tray Cable Connectors				
Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors	313	X	X	
Stainless Steel and Nickel Plated Aluminum Liquidtight Cable and Cord Connectors	319	X	X	
Grip-Tite® Strain Relief Connectors	322	X	X	
Gold Seal Strain Relief Connectors	325	X	X	
Type CGA Aluminum Straight Strain Relief Cord Grip Connectors	327	X	X	
Type CGA Aluminum 90° Strain Relief Cord Grip Connectors	328	X	X	
Type CGA Aluminum Straight and 90° Strain Relief Cord Grip Connectors	329	X	X	
Bus Drop Cable Supports and Clamps	330	X	X	

Bushings and Locknuts				
Types A, ABB, BB and BBL Insulating Bushings	331	X	X	
Types B, HB, AB, RB, SB and SBT Specification Grade Insulated Bushings	333	X	X	
Types BLG and HBLG Specification Grade Insulated Grounding Bushings	335	X	X	
Types ABLG and RBLG Specification Grade Insulated Grounding Bushings	337	X	X	
Type SBLG Specification Grade Insulated Grounding Bushings	339	X	X	
Type 300R Hex Reducing Bushings	341	X	X	
Conduit Bushings for Rigid Metal Conduit and IMC	342	X	X	
Insulated Grounding Bushing for Threadless and Threaded RMC IMC	345	X	X	
Rigid Conduit and IMC Locknuts	353	X	X	
NEER™ Zinc Bushings	355	X	X	
NEER™ Zinc Grounding Type Insulated Bushings	356	X	X	
NEER™ Standard Conduit Locknuts	357	X	X	
Type RW Reducing Washers	359	X	X	
Reducing Washers	360	X	X	
NEER™ Reducing Washers and Bushings	361	X	X	



4Q-FM Liquidtight Combination Coupling



4Q-WM Wire Mesh Strain



4Q Liquidtight Sealing Ring Assemblies



Ground-Tite® 4Q Grounding Liquidtight Connector



Ground-Tite® 4Q Liquidtight Combination Coupling



ETP™ 4QS Liquidtight Connector



ETP™ 4QSS Liquidtight Connector



Neer™ Zinc Liquidtight Connector



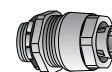
Neer™ Nylon Liquidtight Connector



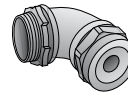
Aluminum Liquidtight Strain Relief Cord and Cable Connector



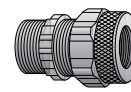
Nickel Plated Aluminum Connector



Grip-Tite® Strain Relief Connector



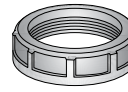
Gold Seal Strain Relief Connector



Type CGA Aluminum Strain Relief Cord Grip Connector



Bus Drop Cable Clamp and Strap



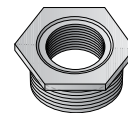
Type A Insulating Bushing



Type SB Specification Grade Insulated Bushing



Type SBLG Specification Grade Insulated Grounding Bushing



Hex Reducing Bushing



Threaded Conduit Bushing



Insulated Grounding Bushing



Rigid Conduit an IMC Locknut



NEER™ Zinc Insulated Bushing



NEER™ Zinc Grounding Type Insulated Bushing



NEER™ Standard Conduit Locknut



Reducing Washer



NEER™ Reducing Bushing



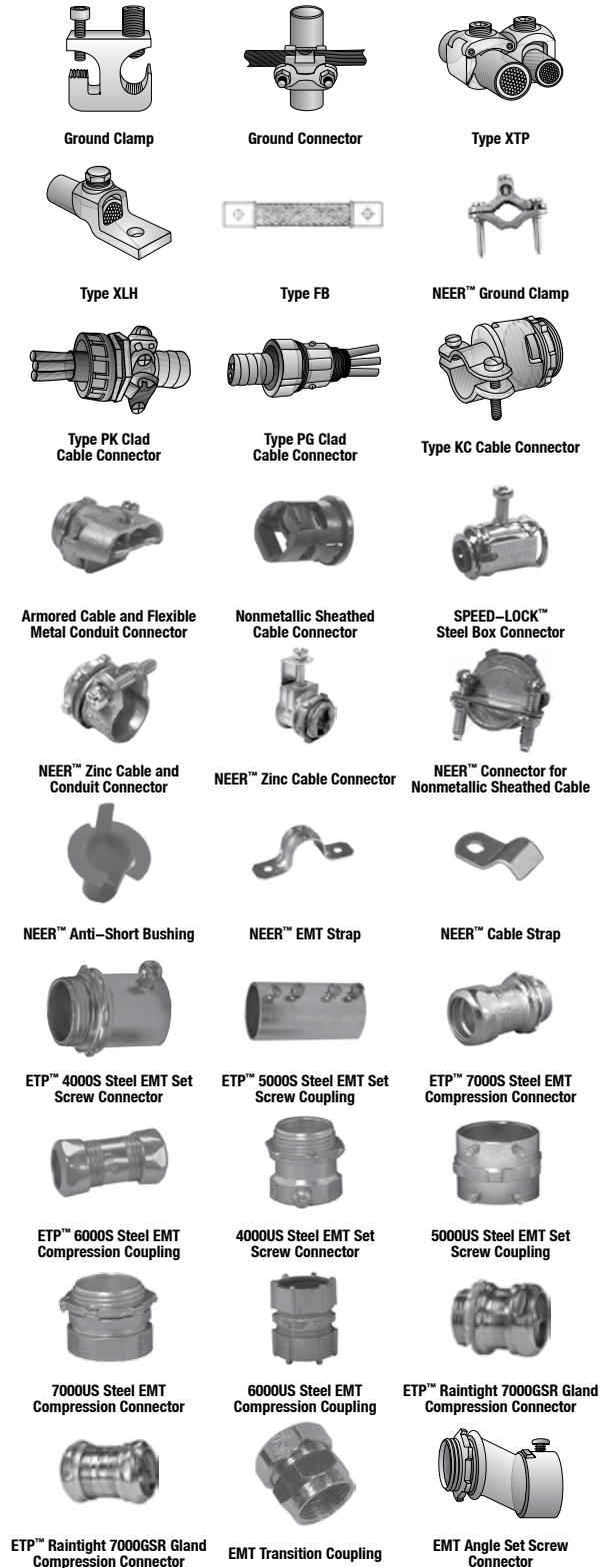
# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/IEC
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Grounding Fittings and Solderless Connectors				
Ground Clamps	362	X	X	
Ground Connectors	368	X	X	
XTP and XTPC Solderless Combination T and Parallel Taps	373	X		
Type XLH Solderless Connectors Combination Type Lugs	375	X		
Type FB Solderless Flexible Braid Connectors	376	X	X	
NEER™ Ground Clamps	377	X	X	

Armored Cable, Metal Clad, Flexible Metal Conduit and Nonmetallic Connectors				
Type PK Armored/Metal Clad Cable Connectors	379	X	X	
Type PG Armored/Metal Clad Cable Connectors	380	X	X	
Cable Connectors	381	X	X	
Armored Cable and Flexible Metal Conduit Connectors	390	X	X	
Nonmetallic Sheathed Cable Connectors	395	X	X	
SPEED-LOCK™ Steel Box Connectors and SPEED-LOCK™ Zinc Snap Connectors	396	X	X	
NEER™ Zinc Cable and Conduit Connectors	399	X	X	
NEER™ Zinc Cable Connectors	404	X	X	
NEER™ Connectors for Nonmetallic Sheathed Cable	405	X	X	
NEER™ Anti-Short Bushings	407	X	X	
NEER™ EMT Straps	408	X	X	
NEER™ Cable Straps	409	X	X	

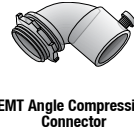
EMT (Electrical Metallic Tubing) Fittings				
ETP™ 4000S Series Steel EMT Set Screw Connectors	410	X	X	
ETP™ 5000S Steel EMT Set Screw Couplings	411	X	X	
ETP™ 7000S Series Steel EMT Compression Connectors	412	X	X	
ETP™ 6000S Steel EMT Compression Couplings	413	X	X	
ETP™ 4000US Series Steel EMT Set Screw Connectors	414	X	X	
ETP™ 5000US Steel EMT Set Screw Couplings	415	X	X	
ETP™ 7000US Series Steel EMT Compression Connectors	416	X	X	
ETP™ 6000US Steel EMT Compression Couplings	417	X	X	
ETP™ Raintight 7000GSR Series Gland Compression Connectors	418	X		
ETP™ Raintight 6000GSR Series Gland Compression Couplings	419	X		
EMT Transition Couplings	420	X		
EMT Angle Set Screw Connectors	422	X	X	



# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/IEC
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EMT (Electrical Metallic Tubing) Fittings				
EMT Angle Compression Connectors	423	X	X	
EMT Combination Couplings	426	X	X	
NEER™ Zinc Gland Compression Connectors and Couplings	427	X	X	
NEER™ Zinc Set Screw Connectors and Couplings	428	X	X	
NEER™ Zinc Combination Couplings	429	X	X	
NEER™ Zinc 90° Gland Compression Connectors	430	X	X	
NEER™ Zinc 90° Corner Pulling Elbows	431	X	X	
NEER™ Zinc Set Screw Offset Nipples	432	X	X	
EMT Clamps and Straps	433	X	X	
EMT Straps	435		X	
EMT Malleable Iron Straps and Spacers	437		X	
NEER™ Conduit Hangers	439	X		
NEER™ Straps	440	X	X	
NEER™ Nail Straps	441	X		
NEER™ Beam Clamps, Jack Chain and S Hooks	442	X	X	
NEER™ Cable Staples	443	X	X	



# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
<b>Outlet Boxes, Switch Boxes and Covers</b>				
Capacity of Steel Boxes and Covers	444	X	X	
Outlet and Switch Boxes	445	X	X	
Styles of Clamps and Brackets	446	X	X	
4" Round Ceiling Fan Box With and Without Support Bar Hanger	448	X	X	
4" Octagon Ceiling Fan Boxes With and Without Support Bar Hanger	449	X	X	
Round Boxes and Covers	450	X	X	
3-1/4" Octagon Boxes and Extension Ring	451	X	X	
4" Octagon Boxes	452	X	X	
4" Octagon Box Extension Rings	457	X	X	
4" Octagon and Round Covers	458	X	X	
4" Square Boxes	459	X	X	
4" Square Boxes with Snap-In Brackets	468	X	X	
4" Square Box Extension Rings and Thru-Ring	470	X	X	
4" Square Covers	471	X	X	
4-11/16" Square Boxes	481	X	X	
4-11/16" Square Boxes and Extension Rings	484	X	X	
4-11/16" Square Covers	486	X	X	
Handy Boxes	491	X	X	
Handy Boxes and Extension Ring	493	X	X	
Handy Box Covers	495	X	X	
4" Octagon Concrete Boxes and Back Plates	497	X	X	
Adjustable Bar Hangers	498	X	X	
Switch Boxes	499	X	X	
Multigang Switch Boxes	515	X	X	
Multigang Switch Box Covers	516	X	X	
Masonry Boxes	517	X	X	
Knockout Blanks and Fixture Stems	519	X	X	
Outlet Box/Switch Box Accessories	520	X	X	
NEER™ Safety Plates and Switch Box Supports	521	X		



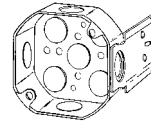
CL-9



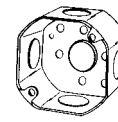
JB



FFS-4CL



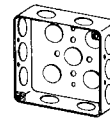
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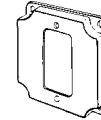
30-1/2



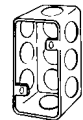
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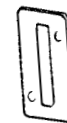
4SL-1/2



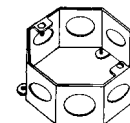
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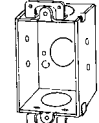
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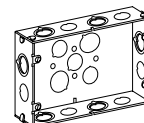
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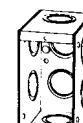
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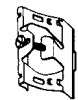
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2G5075S



M1-250



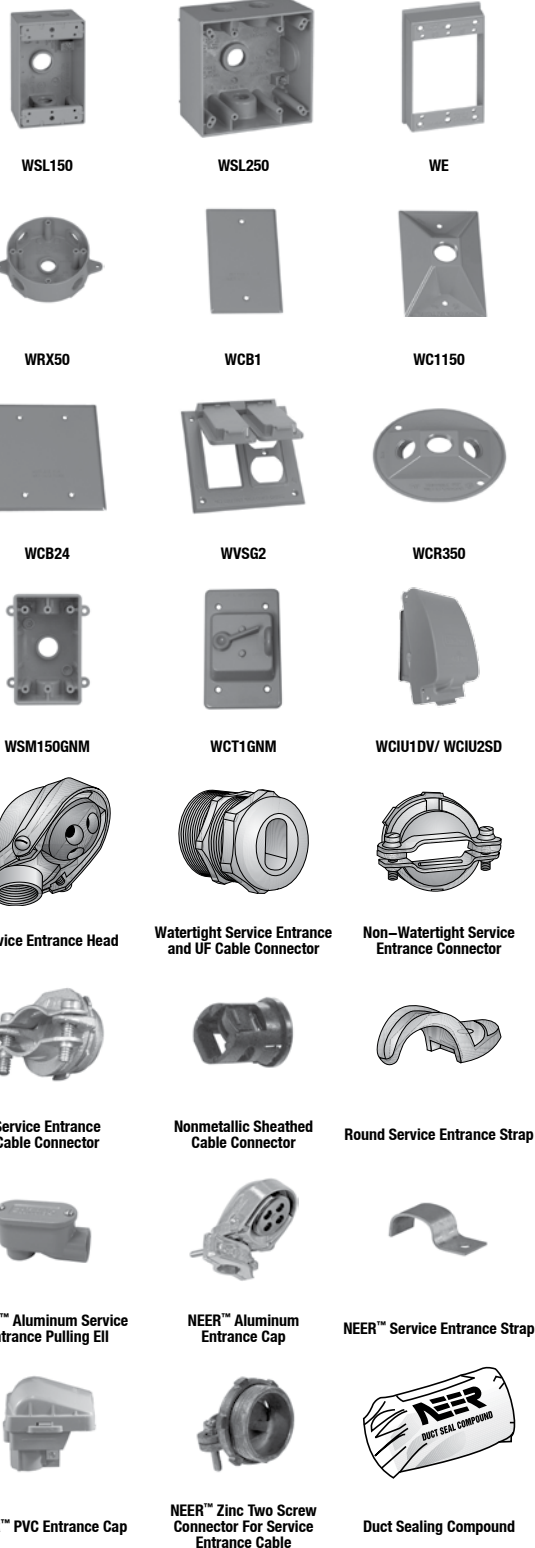
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# Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
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Weatherproof Boxes, Covers and Lighting Fixtures				
Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures	522	X	X	
One-Gang Weatherproof Outlet Boxes and Extensions	523	X	X	
Two-Gang Weatherproof Outlet Boxes and Extensions	526	X	X	
One-Gang Weatherproof Covers	529	X	X	
One-Gang Weatherproof In-Use Covers with Inserts	534	X	X	
Two-Gang Weatherproof Covers	536	X	X	
Two-Gang Weatherproof In-Use Covers with Inserts	539	X	X	
Round Weatherproof Outlet Boxes and Extensions	541	X	X	
Round Weatherproof Covers	542	X	X	
Ceiling Plates and Lampholders	543	X	X	
Weatherproof Incandescent Fixtures	544	X	X	
Accessories and Replacement Parts	545	X	X	
Non-Metallic Weatherproof Boxes, Covers and Lampholders	546	X	X	
Non-Metallic Weatherproof Covers	548	X	X	

Service Entrance Fittings				
Service Entrance Heads	551	X	X	
Watertight Service Entrance and UF Cable Connectors	555	X		
Non-Watertight Service Entrance Connectors	557	X	X	
Service Entrance Cable Connectors	559	X		
Nonmetallic Sheathed and Service Entrance Cable Connectors	561	X	X	
Round Service Entrance Straps and Nails	563		X	
NEER™ Aluminum Service Entrance Pulling Ells	564	X	X	
NEER™ Aluminum Entrance Caps	565	X		
NEER™ Service Entrance Caps and Straps	567	X	X	
NEER™ PVC Entrance Caps	568	X	X	
NEER™ Zinc Two Screw Connectors For Service Entrance Cable	569	X	X	
NEER™ Service Entrance Flashings	570	X	X	
NEER™ Service Entrance Wire Holders	571	X	X	
NEER™ Service Entrance Connectors	572	X	X	
NEER™ Duct Sealing Compound	573	X		



# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

*NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)*

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 35™ malleable iron Unilets™: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"): eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.
- Raintight when an Appleton™ cover and gasket are installed.

## Standard Materials

- Bodies: malleable iron
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

## Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

## Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog*.



2" Type LB with rollers shown

 Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets




For use with Rigid Steel, Rigid Aluminum and IMC Conduit.




NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

## Threaded Type Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	E	Max. Wire Fill	LB
						
1/2	①	<b>C-50M</b>	①	<b>E-50M</b>	①	<b>LB-50M</b>
3/4	(3) # 6	<b>C-75M</b>	(3) # 6	<b>E-75M</b>	(3) # 6	<b>LB-75M</b>
1	(3) # 4	<b>C-100M</b>	(3) # 4	<b>E-100M</b>	(3) # 4	<b>LB-100M</b>
1-1/4	(3) # 2	<b>C-125M</b> ②	(3) # 2	<b>E-125M</b>	(3) # 2	<b>LB-125M</b> ②
1-1/2	(3) # 1/0	<b>C-150M</b> ②	(3) # 1/0	<b>E-150M</b>	(3) # 1/0	<b>LB-150M</b> ②
2	(3) # 4/0	<b>C-200M</b> ②	—	—	(3) # 4/0	<b>LB-200M</b> ②
2-1/2	(3) 300	<b>C-250M</b> ②	—	—	(3) 300	<b>LB-250M</b> ②
3	(3) 300	<b>C-300M</b> ②	—	—	(3) 400	<b>LB-300M</b> ②
3-1/2	(3) 350	<b>C-350M</b> ②	—	—	(3) 500	<b>LB-350M</b> ②
4	(3) 350	<b>C-400M</b> ②	—	—	(3) 500	<b>LB-400M</b> ②
5	—	—	—	—	(3) 600	<b>LB-500M</b>
6	—	—	—	—	(3) 700	<b>LB-600M</b>

Hub Size (Inches)	Max. Wire Fill	LRL ③	Max. Wire Fill	T	Max. Wire Fill	TA
						
1/2	①	<b>LRL-50M</b>	①	<b>T-50M</b>	①	<b>TA-50M</b>
3/4	(3) # 6	<b>LRL-75M</b>	(3) # 6	<b>T-75M</b>	(3) # 6	<b>TA-75M</b>
1	(3) # 4	<b>LRL-100M</b>	(3) # 6	<b>T-100M</b>	(3) # 4	<b>TA-100M</b>
1-1/4	(3) # 2	<b>LRL-125M</b>	(3) # 6	<b>T-125M</b>	—	—
1-1/2	(3) # 1/0	<b>LRL-150M</b>	(3) # 4	<b>T-150M</b>	—	—
2	(3) # 4/0	<b>LRL-200M</b>	(3) # 1/0	<b>T-200M</b>	—	—
2-1/2	—	—	(3) 300	<b>T-250M</b>	—	—
3	—	—	(3) 300	<b>T-300M</b>	—	—
3-1/2	—	—	(3) 350	<b>T-350M</b>	—	—
4	—	—	(3) 350	<b>T-400M</b>	—	—

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

② Catalog numbers having roller feature, all others do not.



③ LRL Unilets have double opening and are furnished with one steel cover, assembled.



# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC – Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Threaded Type Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	①	LL-50M	①	LR-50M
3/4	(3) # 6	LL-75M	(3) # 6	LR-75M
1	(3) # 4	LL-100M	(3) # 4	LR-100M
1-1/4	(3) # 2	LL-125M	(3) # 2	LR-125M
1-1/2	(3) # 1/0	LL-150M	(3) # 1/0	LR-150M
2	(3) # 4/0	LL-200M	(3) # 4/0	LR-200M
2-1/2	(3) 300	LL-250M	(3) 300	LR-250M
3	(3) 350	LL-300M	(3) 350	LR-300M
3-1/2	(3) 350	LL-350M	(3) 350	LR-350M
4	(3) 350	LL-400M	(3) 350	LR-400M
5	—	—	—	—
6	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	TB	Max. Wire Fill	X
				
1/2	①	TB-50M	①	X-50M
3/4	(3) # 6	TB-75M	(3) # 6	X-75M
1	(3) # 6	TB-100M	(3) # 4	X-100M
1-1/4	(3) # 6	TB-125M	(3) # 4	X-125M
1-1/2	(3) # 4	TB-150M	(3) # 1/0	X-150M
2	(3) # 1/0	TB-200M	(3) # 2/0	X-200M
2-1/2	—	—	—	—
3	—	—	—	—
3-1/2	—	—	—	—
4	—	—	—	—

### Back Style for Form 35™ Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back	Unilet Body	Flat Back	Round Back
C, LB	1/2 – 2	2-1/2 and up	TB	1/2 – 1-1/2	1/2, 3/4, 1, 2
E	1/2 – 1-1/2	1-1/4 and up	X	1/2 – 2	1-1/4 and up
LL, LR, T	1/2 – 2	2-1/2 and up	TA	All sizes	—

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity dm <sup>3</sup> (in <sup>3</sup> )									Stamped Cover	Cast Cover
	C	E	LB	LL & LR	LRL	T	TA	TB	X		
1/2	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.08 (5.00)	0.10 (6.00)	0.07 (4.30)	0.07 (4.30)	0.10 (6.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.14 (8.80)	0.16 (9.50)	0.11 (7.00)	0.11 (7.00)	0.16 (9.50)	0.01 (0.80)	0.00 (0.30)
1	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.23 (14.30)	0.25 (15.00)	0.25 (15.00)	0.21 (13.00)	0.25 (15.00)	25.4 (1.00)	0.01 (0.50)
1-1/4	0.57 (35.00)	0.48 (29.30)	0.53 (32.30)	0.52 (32.00)	0.57 (34.80)	0.54 (33.00)	—	0.57 (35.00)	0.52 (31.50)	0.04 (2.50)	0.01 (0.80)
1-1/2	0.58 (35.30)	0.53 (32.50)	0.58 (35.30)	0.58 (35.30)	0.66 (40.00)	0.59 (36.00)	—	0.58 (35.30)	0.66 (40.00)	0.04 (2.50)	0.01 (0.80)
2	1.23 (75.00)	—	1.20 (73.00)	1.20 (73.00)	1.39 (85.00)	1.16 (71.00)	—	1.16 (71.00)	1.16 (71.00)	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	2.30 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)
5	—	—	12.39 (756.00)	—	—	—	—	—	—	—	—
6	—	—	21.76 (1328.00)	—	—	—	—	—	—	—	—

Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES









# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Covers and Gaskets ①

Body Size (Inches)	Blank Stamped Steel	Blank Cast Malleable	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"		
	 Flat: 3-1/2" – 6"	 Domed: 2-1/2" – 4"	Tear out inner section to convert to "open type" gasket.	
1/2	K50	K50-CM	GK50-N	GK50-V
3/4	K75	K75-CM	GK75-N	GK75-V
1	K100	K100-CM	GK100-N	GK100-V
1-1/4	K125-150	K125-150-CM	GK125-150-N	GK125-150-V
1-1/2	K125-150	K125-150-CM	GK125-150-N	GK125-150-V
2	K200	K200-CM	GK200-N	GK200-V
2-1/2	K250-300	K250-300-CM	GK250-300-N	GK-250-300-V
3	K250-300	K250-300-CM	GK250-300-N	GK-250-300-V
3-1/2	K350-400	K350-400-CM	GK350-400-N	GK-350-400-V
4	K350-400	K350-400-CM	GK350-400-N	GK-350-400-V
5	K500	—	GK500-SN ②	—
6	K600	—	GK600-SN ②	—

① Refer to previous page for Wiring Capacity Table.

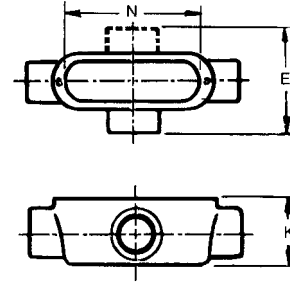
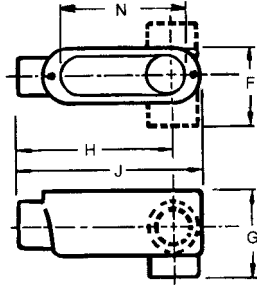
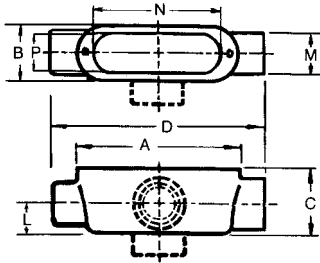
② Not perforated.

# Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Compression Type for use with Threadless Rigid Metal Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Threaded Type Dimensions in Millimeters (Inches)



Types A, C, TA, TB

Types E, LB, LL, LR, LRL

Types T, X

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	100.1 (3.94)	33.3 (1.31)	36.6 (1.44)	136.7 (5.38)	68.3 (2.69)	50.8 (2.00)	54.1 (2.13)	100.1 (3.94)	117.6 (4.63)	44.5 (1.75)	16.0 (0.63)	30.2 (1.19)	80.3 (3.16)	25.4 (1.00)
3/4	117.6 (4.63)	39.6 (1.56)	42.9 (1.69)	153.9 (6.06)	73.2 (2.88)	55.6 (2.19)	58.7 (2.31)	112.8 (4.44)	136.7 (5.38)	50.8 (2.00)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	31.0 (1.22)
1	136.7 (5.38)	46.0 (1.81)	49.3 (1.94)	181.1 (7.13)	85.9 (3.38)	65.0 (2.56)	68.3 (2.69)	130.3 (5.13)	158.8 (6.25)	57.2 (2.25)	23.9 (0.94)	42.9 (1.69)	115.1 (4.53)	37.3 (1.47)
1-1/4	182.6 (7.19)	63.5 (2.50)	65.0 (2.56)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	90.4 (3.56)	179.3 (7.06)	208.0 (8.19)	65.0 (2.56)	30.2 (1.19)	50.8 (2.00)	152.4 (6.00)	50.8 (2.00)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	95.3 (3.75)	173.0 (6.81)	208.0 (8.19)	69.9 (2.75)	35.1 (1.38)	60.5 (2.38)	152.4 (6.00)	50.8 (2.00)
2	241.3 (9.50)	79.5 (3.13)	85.9 (3.38)	295.4 (11.63)	133.4 (5.25)	106.4 (4.19)	117.6 (4.63)	227.1 (8.94)	268.2 (10.56)	85.9 (3.38)	41.4 (1.63)	74.7 (2.94)	204.7 (8.06)	65.0 (2.56)
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	98.6 (3.88)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	117.6 (4.63)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	131.8 (5.19)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	141.2 (5.56)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)
5	463.6 (18.25)	184.2 (7.25)	177.8 (7.00)	—	—	—	228.6 (9.00)	428.8 (16.88)	514.4 (20.25)	—	85.9 (3.38)	165.1 (6.50)	412.8 (16.25)	165.1 (6.50)
6	584.2 (23.00)	219.2 (8.63)	220.7 (8.69)	—	—	—	271.5 (10.69)	534.9 (21.06)	635.0 (25.00)	—	100.1 (3.94)	192.0 (7.56)	533.4 (21.00)	198.4 (7.81)

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 35™ malleable iron Unilets™: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"): eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.
- Raintight when an Appleton™ cover and gasket are installed.

## Standard Materials

- Bodies: malleable iron
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

## Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

## Options

- For additional corrosion protection, specify Hot Dip Galvanized: add suffix **-G** to Malleable Iron Catalog Number.

## NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

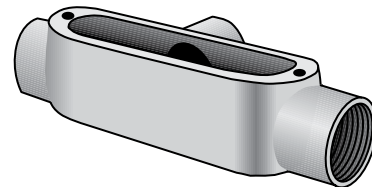
## Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog*.

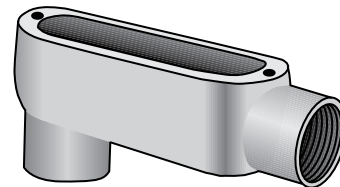


Type LB

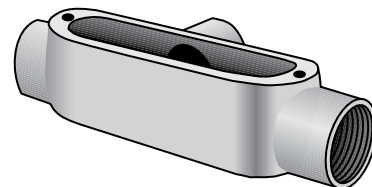
## Illustrated Features



Type T



Type LB-G  
Hot Dip Galvanized



Type T-G  
Hot Dip Galvanized

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	Max. Wire Fill	C		Max. Wire Fill	LB	
		Malleable Iron	Malleable Iron Hot Dip Galvanized		Malleable Iron	Malleable Iron Hot Dip Galvanized



1/2	①	C-50	C-50G	①	LB-50	LB-50G
3/4	(3) # 6AWG	C-75	C-75G	(3) # 6AWG	LB-75	LB-75G
1	(3) # 4AWG	C-100	C-100G	(3) # 4AWG	LB-100	LB-100G
1-1/4	(3) # 2AWG	C-125 ②	C-125G ②	(3) # 2AWG	LB-125	LB-125G ②
1-1/2	(3) # 1/0AWG	C-150 ②	C-150G ②	(3) # 1/0AWG	LB-150	LB-150G ②
2	(3) # 4/0AWG	C-200 ②	C-200G ②	(3) # 4/0AWG	LB-200	LB-200G ②
2-1/2	(3) 300MCM	C-250 ②	C-250G ②	(3) 300MCM	LB-250	LB-250G ②
3	(3) 300MCM	C-300 ②	C-300G ②	(3) 300MCM	LB-300	LB-300G ②
3-1/2	(3) 350MCM	C-350 ②	C-350G ②	(3) 350MCM	LB-350	LB-350G ②
4	(3) 350MCM	C-400 ②	C-400G ②	(3) 350MCM	LB-400	LB-400G ②

Trade Size (Inches)	Max. Wire Fill	T		Max. Wire Fill	TB	
		Malleable Iron	Malleable Iron Hot Dip Galvanized		Malleable Iron	Malleable Iron Hot Dip Galvanized



1/2	①	T-50	T-50G	①	TB-50	TB-50G
3/4	(3) # 6AWG	T-75	T-75G	(3) # 6AWG	TB-75	TB-75G
1	(3) # 4AWG	T-100	T-100G	(3) # 4AWG	TB-100	TB-100G
1-1/4	(3) # 2AWG	T-125	T-125G	(3) # 2AWG	TB-125	TB-125G
1-1/2	(3) # 1AWG	T-150	T-150G	(3) # 1AWG	TB-150	TB-150G
2	(3) # 2/0AWG	T-200	T-200G	(3) # 2/0AWG	TB-200	TB-200G
2-1/2	(3) 300MCM	T-250	T-250G	(3) 300MCM	—	—
3	(3) 300MCM	T-300	T-300G	(3) 300MCM	—	—
3-1/2	(3) 350MCM	T-350	T-350G	(3) 350MCM	—	—
4	(3) 350MCM	T-400	T-400G	(3) 350MCM	—	—



① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

② Catalog numbers having roller feature, all others do not.


# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	Max. Wire Fill	LL		Max. Wire Fill	LR		
		Malleable Iron	Malleable Iron Hot Dip Galvanized		Malleable Iron	Malleable Iron Hot Dip Galvanized	
							
1/2	①	LL-50	LL-50G	①	LR-50	LR-50G	
3/4	(3) # 6AWG	LL-75	LL-75G	(3) # 6AWG	LR-75	LR-75G	
1	(3) # 4AWG	LL-100	LL-100G	(3) # 4AWG	LR-100	LR-100G	
1-1/4	(3) # 2AWG	LL-125	LL-125G	(3) # 2AWG	LR-125	LR-125G	
1-1/2	(3) # 1/0AWG	LL-150	LL-150G	(3) # 1/0AWG	LR-150	LR-150G	
2	(3) # 4/0AWG	LL-200	LL-200G	(3) # 4/0AWG	LR-200	LR-200G	
2-1/2	(3) 300MCM	LL-250	LL-250G	(3) 300MCM	LR-250	LR-250G	
3	(3) 350MCM	LL-300	LL-300G	(3) 350MCM	LR-300	LR-300G	
3-1/2	(3) 350MCM	LL-350	LL-350G	(3) 350MCM	LR-350	LR-350G	
4	(3) 350MCM	LL-400	LL-400G	(3) 350MCM	LR-400	LR-400G	

Trade Size (Inches)	Max. Wire Fill	X	
		Malleable Iron	Malleable Iron Hot Dip Galvanized
			
1/2	①	X-50	X-50G
3/4	(3) # 6AWG	X-75	X-75G
1	(3) # 4AWG	X-100	X-100G
1-1/4	(3) # 4AWG	X-125	X-125G
1-1/2	(3) 1/0	X-150	X-150G
2	(3) 2/0	X-200	X-200G
2-1/2	—	—	—
3	—	—	—
3-1/2	—	—	—
4	—	—	—

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.
- Conduit bodies are suitable for use in Class I, Division 2 hazardous locations per NEC Section 501-4(B).

## Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one catalog number.
- Ready to use.
- Raintight when a cover and gasket are installed.

## Standard Materials

- Bodies: malleable iron
- Cover - Type BS steel
- Gasket - Type SGN neoprene

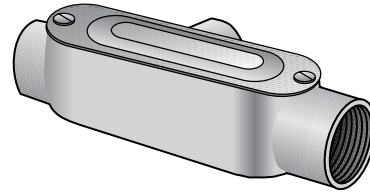
## Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Covers: zinc electroplated

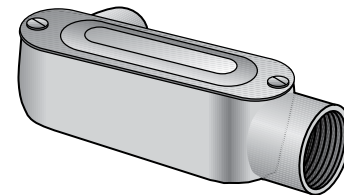
## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: A-A-50563
- NEMA: FB-1, FB-2.10

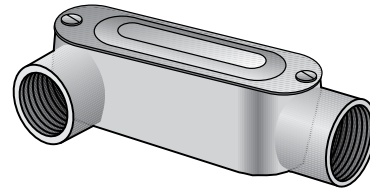
## Illustrated Features



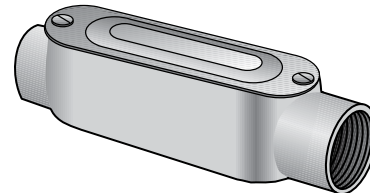
Type T-CG



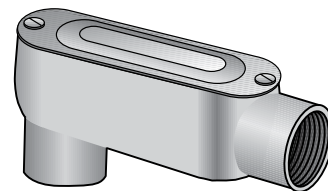
Type LL-CG



Type LR-CG



Type C-CG

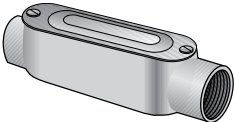
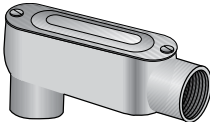
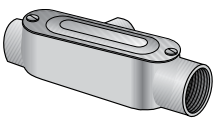


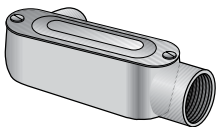
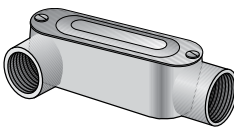
Type LB-CG

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	C-CG		LB-CG		T-CG	
	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number
						
1/2	①	<b>C-50CG</b>	①	<b>LB-50CG</b>	①	<b>T-50CG</b>
3/4	(3) # 6AWG	<b>C-75CG</b>	(3) # 6AWG	<b>LB-75CG</b>	(3) # 6AWG	<b>T-75CG</b>
1	(3) # 4AWG	<b>C-100CG</b>	(3) # 4AWG	<b>LB-100CG</b>	(3) # 4AWG	<b>T-100CG</b>
1-1/4	(3) # 2AWG	<b>C-125CG</b>	(3) # 2AWG	<b>LB-125CG</b>	(3) # 2AWG	<b>T-125CG</b>
1-1/2	(3) # 1/0AWG	<b>C-150CG</b>	(3) # 1/0AWG	<b>LB-150CG</b>	(3) # 1AWG	<b>T-150CG</b>
2	(3) # 4/0AWG	<b>C-200CG</b>	(3) # 4/0AWG	<b>LB-200CG</b>	(3) # 2/0AWG	<b>T-200CG</b>

Trade Size (Inches)	LL-CG		LR-CG	
	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number
				
1/2	①	<b>LL-50CG</b>	①	<b>LR-50</b>
3/4	(3) # 6AWG	<b>LL-75CG</b>	(3) # 6AWG	<b>LR-75</b>
1	(3) # 4AWG	<b>LL-100CG</b>	(3) # 4AWG	<b>LR-100</b>
1-1/4	(3) # 2AWG	<b>LL-125CG</b>	(3) # 2AWG	<b>LR-125</b>
1-1/2	(3) # 1/0AWG	<b>LL-150CG</b>	(3) # 1/0AWG	<b>LR-150</b>
2	(3) # 4/0AWG	<b>LL-200CG</b>	(3) # 4/0AWG	<b>LR-200</b>

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
 Hazardous Locations:  
 Class I, Division 2 per NEC 501.10(B)(4)

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity dm <sup>3</sup> (in <sup>3</sup> )									Stamped Cover	Cast Cover
	C	E	LB	LL & LR	LRL	T	TA	TB	X		
1/2	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.08 (5.00)	0.10 (6.00)	0.07 (4.30)	0.07 (4.30)	0.10 (6.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.14 (8.80)	0.16 (9.50)	0.11 (7.00)	0.11 (7.00)	0.16 (9.50)	0.01 (0.80)	0.00 (0.30)
1	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.23 (14.30)	0.25 (15.00)	0.25 (15.00)	0.21 (13.00)	0.25 (15.00)	25.4 (1.00)	0.01 (0.50)
1-1/4	0.57 (35.00)	0.48 (29.30)	0.53 (32.30)	0.52 (32.00)	0.57 (34.80)	0.54 (33.00)	—	0.57 (35.00)	0.52 (31.50)	0.04 (2.50)	0.01 (0.80)
1-1/2	0.58 (35.30)	0.53 (32.50)	0.58 (35.30)	0.58 (35.30)	0.66 (40.00)	0.59 (36.00)	—	0.58 (35.30)	0.66 (40.00)	0.04 (2.50)	0.01 (0.80)
2	1.23 (75.00)	—	1.20 (73.00)	1.20 (73.00)	1.39 (85.00)	1.16 (71.00)	—	1.16 (71.00)	1.16 (71.00)	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	2.30 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)
5	—	—	12.39 (756.00)	—	—	—	—	—	—	—	—
6	—	—	21.76 (1328.00)	—	—	—	—	—	—	—	—

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

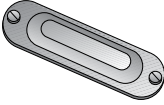
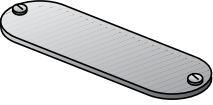



# Spec 5 Conduit Bodies, Covers and Gaskets

For Spec 5 Conduit Outlet Bodies.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Blank Covers and Gaskets

Body Size (Inches)	Domed Top Design Cover	Flat Top Design Cover	Solid Cover Sealing Gasket	
			Velbuna	Neoprene
				
1/2	<b>BS-50S</b>	<b>BC-50G</b>	<b>SG-50</b>	<b>SGN-50</b>
3/4	<b>BS-75S</b>	<b>BC-75G</b>	<b>SG-75</b>	<b>SGN-75</b>
1	<b>BS-100S</b>	<b>BC-100G</b>	<b>SG-100</b>	<b>SGN-100</b>
1-1/4 - 1-1/2	<b>BS-125S</b>	<b>BC-125G</b>	<b>SG-125</b>	<b>SGN-125</b>
2	<b>BS-200S</b>	<b>BC-200G</b>	<b>SG-200</b>	<b>SGN-200</b>
2-1/2 - 3	<b>BS-250S</b>	<b>BC-250G</b>	<b>SG-250</b>	<b>SGN-250</b>
3-1/2 - 4	<b>BS-350S</b> <sup>①</sup>	<b>BC-350G</b>	<b>SG-350</b>	<b>SGN-350</b>

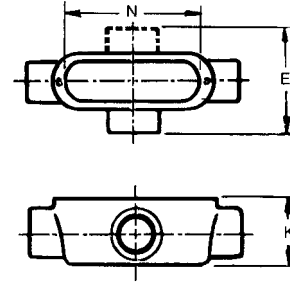
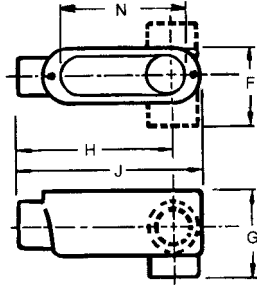
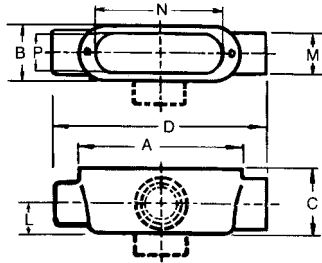
<sup>①</sup> Flat Top Design Cover

# Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Threaded Type Dimensions in Millimeters (Inches)



Types A, C, TA, TB

Types E, LB, LL, LR, LRL

Types T, X

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	100.1 (3.94)	33.3 (1.31)	36.6 (1.44)	136.7 (5.38)	68.3 (2.69)	50.8 (2.00)	54.1 (2.13)	100.1 (3.94)	117.6 (4.63)	44.5 (1.75)	16.0 (0.63)	30.2 (1.19)	80.3 (3.16)	25.4 (1.00)
3/4	117.6 (4.63)	39.6 (1.56)	42.9 (1.69)	153.9 (6.06)	73.2 (2.88)	55.6 (2.19)	58.7 (2.31)	112.8 (4.44)	136.7 (5.38)	50.8 (2.00)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	31.0 (1.22)
1	136.7 (5.38)	46.0 (1.81)	49.3 (1.94)	181.1 (7.13)	85.9 (3.38)	65.0 (2.56)	68.3 (2.69)	130.3 (5.13)	158.8 (6.25)	57.2 (2.25)	23.9 (0.94)	42.9 (1.69)	115.1 (4.53)	37.3 (1.47)
1-1/4	182.6 (7.19)	63.5 (2.50)	65.0 (2.56)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	90.4 (3.56)	179.3 (7.06)	208.0 (8.19)	65.0 (2.56)	30.2 (1.19)	50.8 (2.00)	152.4 (6.00)	50.8 (2.00)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	95.3 (3.75)	173.0 (6.81)	208.0 (8.19)	69.9 (2.75)	35.1 (1.38)	60.5 (2.38)	152.4 (6.00)	50.8 (2.00)
2	241.3 (9.50)	79.5 (3.13)	85.9 (3.38)	295.4 (11.63)	133.4 (5.25)	106.4 (4.19)	117.6 (4.63)	227.1 (8.94)	268.2 (10.56)	85.9 (3.38)	41.4 (1.63)	74.7 (2.94)	204.7 (8.06)	65.0 (2.56)
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	98.6 (3.88)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	117.6 (4.63)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	131.8 (5.19)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	141.2 (5.56)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)
5	463.6 (18.25)	184.2 (7.25)	177.8 (7.00)	—	—	—	228.6 (9.00)	428.8 (16.88)	514.4 (20.25)	—	85.9 (3.38)	165.1 (6.50)	412.8 (16.25)	165.1 (6.50)
6	584.2 (23.00)	219.2 (8.63)	220.7 (8.69)	—	—	—	271.5 (10.69)	534.9 (21.06)	635.0 (25.00)	—	100.1 (3.94)	192.0 (7.56)	533.4 (21.00)	198.4 (7.81)

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are approved for use in wet locations. Grayloy-iron bodies with cast covers and gasket are approved for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds™ Form 7™ bodies, gaskets and covers. Equivalent FM7™ and Form 7™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

## Standard Materials

- Body: Grayloy-iron or copperfree (4/10 of 1% max.) aluminum
- Covers: Grayloy-iron, copperfree (4/10 of 1% max.) aluminum or steel
- Cover screws: stainless steel

## Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Cast aluminum bodies and covers: epoxy powder coat
- Steel covers: zinc electroplate
- Stamped aluminum covers: natural finish

## Options

- PVC coating available on select bodies and covers. Add suffix **-PVC** to catalog number.

## NEC/GEC Certifications and Compliances

- UL Standard: 514A , 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



Type LB

## Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™-Iron, 1" Type C shown with cut-away body and cover to illustrate Wedge-Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



Appleton™ FM7™ (C57, 1-1/2")  
28 Cubic Inches Capacity  
Flat-Back Design



Crouse-Hinds Form 7™  
(C57, 1-1/2")  
26 Cubic Inches Capacity




† Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.




# FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM7™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	C		Max. Wire Fill	LB		Max. Wire Fill	LL	
		Grayloy-Iron	Aluminum ④		Grayloy-Iron	Aluminum ④		Grayloy-Iron	Aluminum ④
									
1/2	③	<b>C17</b>	<b>C-17SA</b>	③	<b>LB17</b>	<b>LB-17SA</b>	③	<b>LL17</b>	<b>LL-17SA</b>
3/4	(3) # 6	<b>C27</b>	<b>C-27SA</b>	(3) # 6	<b>LB27</b>	<b>LB-27SA</b>	(3) # 6	<b>LL27</b>	<b>LL-27SA</b>
1	(3) # 4	<b>C37</b>	<b>C-37SA</b>	(3) # 4	<b>LB37</b>	<b>LB-37SA</b>	(3) # 4	<b>LL37</b>	<b>LL-37SA</b>
1-1/4	(3) # 3	<b>C47</b>	<b>C-47SA</b>	(3) # 3	<b>LB47</b>	<b>LB-47SA</b>	(3) # 2	<b>LL47</b>	<b>LL-47SA</b>
1-1/2	(3) # 3	<b>C57</b>	<b>C-57SA</b>	(3) # 3	<b>LB57</b>	<b>LB-57SA</b>	(3) # 2	<b>LL57</b>	<b>LL-57SA</b>
2	(3) # 1/0	<b>C67</b>	<b>C-67SA</b>	(3) # 1/0	<b>LB67</b>	<b>LB-67SA</b>	(3) # 3/0	<b>LL67</b>	<b>LL-67SA</b>
2-1/2	(3) 2/0	<b>C77</b>	<b>C-77SA</b>	(3) 3/0	<b>LB77</b>	<b>LB-77SA</b>	(3) 250	<b>LL77</b>	<b>LL-77SA</b>
3	(3) 2/0	<b>C87</b>	<b>C-87SA</b>	(3) 2/0	<b>LB87</b>	<b>LB-87SA</b>	(3) 250	<b>LL87</b>	<b>LL-87SA</b>
3-1/2	—	—	—	(3) 300	<b>LB97</b>	<b>LB-97SA</b>	(3) 350	<b>LL97</b>	<b>LL-97SA</b>
4	—	—	—	(3) 350	<b>LB107</b>	<b>LB-107SA</b>	(3) 350	<b>LL107</b>	<b>LL-107SA</b>

Hub Size (Inches)	Max. Wire Fill	E		Max. Wire Fill	L ②		Max. Wire Fill	TA	
		Grayloy-Iron	Aluminum		Grayloy-Iron	Aluminum ④		Grayloy-Iron	Aluminum
									
1/2	③	<b>E17</b>	<b>E-17SA</b>	③	<b>L17</b>	—	③	<b>TA17</b>	—
3/4	(3) # 6	<b>E27</b>	<b>E-27SA</b>	(3) # 6	<b>L27</b>	—	(3) # 6	<b>TA27</b>	—
1	(3) # 4	<b>E37</b>	<b>E-37SA</b>	(3) # 4	<b>L37</b>	—	(3) # 4	<b>TA37</b>	—
1-1/4	—	—	—	(3) # 2	<b>L47</b>	—	(3) # 3	<b>TA47</b>	—
1-1/2	—	—	—	(3) # 2	<b>L57</b>	—	(3) # 2	<b>TA57</b>	—
2	—	—	—	(3) # 2	<b>L67</b>	—	(3) # 2	<b>TA67</b>	—

① Refer to following pages for Wiring Capacity Table.

② L Unilets have double opening and are furnished with one steel cover, assembled.

③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.



④ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number.



# FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM7™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	LR		Max. Wire Fill	T	
		Grayloy-Iron	Aluminum ③		Grayloy-Iron	Aluminum ③
						
1/2	②	LR17	LR-17SA	②	T17	T-17SA
3/4	(3) # 6	LR27	LR-27SA	(3) # 6	T27	T-27SA
1	(3) # 4	LR37	LR-37SA	(3) # 4	T37	T-37SA
1-1/4	(3) # 2	LR47	LR-47SA	(3) # 3	T47	T-47SA
1-1/2	(3) # 2	LR57	LR-57SA	(3) # 3	T57	T-57SA
2	(3) # 2	LR67	LR-67SA	(3) # 2	T67	T-67SA
2-1/2	—	LR77	LR-77SA	(3) 1/0	T77	T-77SA
3	(3) 250	LR87	LR-87SA	(3) 1/0	T87	T-87SA
3-1/2	(3) 350	LR97	LR-97SA	(3) 3/0	T97	T-97SA
4	(3) 350	LR107	LR-107SA	(3) 3/0	T107	T-107SA

Hub Size (Inches)	Max. Wire Fill	TB		Max. Wire Fill	X	
		Grayloy-Iron	Aluminum ③		Grayloy-Iron	Aluminum ③
						
1/2	②	TB17	TB-17SA	②	X17	X-17SA
3/4	(3) # 6	TB27	TB-27SA	(3) # 6	X27	X-27SA
1	(3) # 4	TB37	TB-37SA	(3) # 4	X37	X-37SA
1-1/4	(3) # 3	TB47	TB-47SA	(3) # 3	X47	X-47SA
1-1/2	(3) # 2	TB57	TB-57SA	(3) # 2	X57	X-57SA
2	(3) # 2	TB67	TB-67SA	(3) # 2	X67	X-67SA

① Refer to following pages for Wiring Capacity Table.

② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.




③ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number.

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Wedge-Lok™ Clip Covers, Gaskets (Covers furnished with stainless steel screws)

Body Size(Inches)	Wedge-Lok Cast Cover		Wedge-Lok Stamped Cover		Solid Neoprene Gasket
	Grayloy-Iron	Aluminum	Steel	Aluminum ①	
					
1/2	170F	170F-SA	170	170-SA	GASK571
3/4	270F	270F-SA	270	270-SA	GASK572
1	370F	370F-SA	370	370-SA	GASK573
1-1/4	470F	470F-SA	470	470-SA	GASK574
1-1/2	570F	570F-SA	570	570-SA	GASK575
2	670F	670F-SA	670	670-SA	GASK576
2-1/2	870F	870F-SA	870	870-SA	GASK578
3	870F	870F-SA	870	870-SA	GASK578
3-1/2	970F	970F-SA	970	970-SA	GASK579
4	970F	970F-SA	970	970-SA	GASK579

① PVC coating available on select aluminum covers. Add suffix **-PVC** to catalog number.

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )									Stamped Cover	Cast Cover
	C	E	LB	LL LR	L	T	TA	TB	X		
<b>FM7™ Grayloy™-Iron Bodies and Covers: Threaded</b>											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.00 (0.30)	0.01 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.15 (9.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.22 (13.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.37 (22.50)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.51 (31.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
<b>FM7™ Aluminum Bodies and Covers: Threaded</b>											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.10 (6.00)	—	0.10 (6.00)	0.10 (6.00)	0.005 (0.30)	0.007 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.16 (10.00)	—	0.16 (10.00)	0.16 (10.00)	0.008 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	—	0.25 (15.50)	—	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	—	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	—	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	—	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)

Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

FM7™ Covers with Integral Form-In-Place Gasket.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Applications

- Cover with integral gasket for FM7™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

## Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7™ only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).



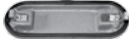

## Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum
- Gasket - Urethane

## NEC/CEC Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02



Hub Size (Inches)	Stamped Steel	Stamped Aluminum	Cast Grayloy-Iron	Cast Aluminum
				
1/2	APP170IG	APP170IGSA	APP170FIG	APP170FIGSA
3/4	APP270IG	APP270IGSA	APP270FIG	APP270FIGSA
1	APP370IG	APP370IGSA	APP370FIG	APP370FIGSA
1-1/4	APP470IG	APP470IGSA	APP470FIG	APP470FIGSA
1-1/2	APP570IG	APP570IGSA	APP570FIG	APP570FIGSA
2	APP670IG	APP670IGSA	APP670FIG	APP670FIGSA
2-1/2 and 3	APP870IG	APP870IGSA	APP870FIG	APP870FIGSA
3-1/2 and 4	APP970IG	APP970IGSA	APP970FIG	APP970FIGSA

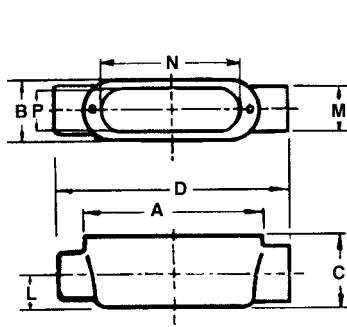


# FM7™ Conduit Outlet Bodies, Covers and Gaskets

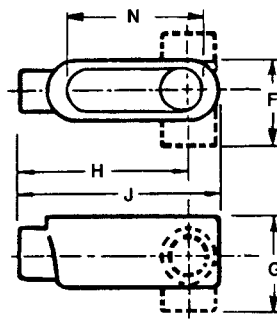
For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

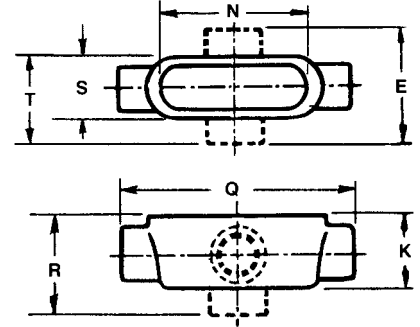
## Dimensions in Millimeters (Inches)



Type C



Type E, L, LB, LL, LR



Type T, TA, TB, X

Hub Size (Inches)	Dimensions in Millimeters (Inches)																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	
1/2	92.2 (3.63)	35.1 (1.38)	35.1 (1.38)	136.7 (5.38)	84.1 (3.31)	57.2 (2.25)	57.2 (2.25)	100.1 (3.94)	115.8 (4.56)	44.5 (1.75)	16.0 (0.63)	31.8 (1.25)	81.0 (3.19)	23.9 (0.94)	143.0 (5.63)	66.8 (2.63)	39.6 (1.56)	62.0 (2.44)	
3/4	108.0 (4.25)	39.6 (1.56)	41.4 (1.63)	152.4 (6.00)	88.9 (3.50)	62.0 (2.44)	63.5 (2.50)	112.8 (4.44)	131.8 (5.19)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	96.8 (3.81)	28.7 (1.13)	158.8 (6.25)	73.2 (2.88)	47.8 (1.88)	66.8 (2.63)	
1	127.0 (5.00)	44.5 (1.75)	47.8 (1.88)	177.8 (7.00)	98.6 (3.88)	69.9 (2.75)	73.2 (2.88)	131.8 (5.19)	152.4 (6.00)	57.2 (2.25)	22.4 (0.88)	44.5 (1.75)	114.3 (4.50)	35.1 (1.38)	184.2 (7.25)	82.6 (3.25)	50.8 (2.00)	76.2 (3.00)	
1-1/4	139.7 (5.50)	55.6 (2.19)	58.7 (2.31)	189.0 (7.44)	104.9 (4.13)	81.0 (3.19)	84.1 (3.31)	138.2 (5.44)	165.1 (6.50)	58.7 (2.31)	28.7 (1.13)	55.6 (2.19)	127.0 (5.00)	44.5 (1.75)	189.0 (7.44)	84.1 (3.31)	55.6 (2.19)	81.0 (3.19)	
1-1/2	152.4 (6.00)	62.0 (2.44)	65.0 (2.56)	208.0 (8.19)	117.6 (4.63)	88.9 (3.50)	93.7 (3.69)	150.9 (5.94)	181.1 (7.13)	65.0 (2.56)	31.8 (1.25)	62.0 (2.44)	138.2 (5.44)	49.3 (1.94)	208.0 (8.19)	92.2 (3.63)	62.0 (2.44)	90.4 (3.56)	
2	177.8 (7.00)	76.2 (3.00)	79.5 (3.13)	233.4 (9.19)	131.8 (5.19)	103.1 (4.06)	108.0 (4.25)	168.4 (6.63)	206.5 (8.13)	79.5 (3.13)	38.1 (1.50)	76.2 (3.00)	162.1 (6.38)	62.0 (2.44)	233.4 (9.19)	106.4 (4.19)	76.2 (3.00)	104.9 (4.13)	
2-1/2	228.6 (9.00)	108.0 (4.25)	92.2 (3.63)	304.8 (12.00)	—	146.1 (5.75)	130.3 (5.13)	222.3 (8.75)	266.7 (10.50)	92.2 (3.63)	44.5 (1.75)	88.9 (3.50)	212.9 (8.38)	90.4 (3.56)	304.8 (12.00)	—	108.0 (4.25)	146.1 (5.75)	
3	228.6 (9.00)	108.0 (4.25)	111.3 (4.38)	304.8 (12.00)	—	146.1 (5.75)	149.4 (5.88)	212.9 (8.38)	266.7 (10.50)	111.3 (4.38)	54.1 (2.13)	108.0 (4.25)	212.9 (8.38)	90.4 (3.56)	306.3 (12.06)	—	108.0 (4.25)	146.1 (5.75)	
3-1/2	279.4 (11.00)	133.4 (5.25)	124.0 (4.88)	—	—	176.3 (6.94)	166.6 (6.56)	260.4 (10.25)	322.3 (12.69)	124.0 (4.88)	60.5 (2.38)	120.7 (4.75)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)	
4	279.4 (11.00)	133.4 (5.25)	136.7 (5.38)	—	—	176.3 (6.94)	179.3 (7.06)	254.0 (10.00)	322.3 (12.69)	136.7 (5.38)	66.8 (2.63)	133.4 (5.25)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)	

## Fraction/Decimal Equivalents (Inches)

Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/16	0.06	5/16	0.31	9/16	0.56	13/16	0.81
1/8	0.13	3/8	0.38	5/8	0.63	7/8	0.88
3/16	0.19	7/16	0.44	11/16	0.69	15/16	0.94
1/4	0.25	1/2	0.50	3/4	0.75	1	1.00

# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are approved for use in wet locations. Grayloy-iron bodies with cast covers and gasket are approved for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds † Form 7™ † bodies, gaskets and covers. Equivalent FM7™ and Form 7™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub Size (inches), body style, compliance data, maximum wire number/size and cubic capacity molded into body.

## Standard Materials

- Body: Grayloy-iron or copperfree (4/10 of 1% max.) aluminum
- Covers: Grayloy-iron, copperfree (4/10 of 1% max.) aluminum or steel
- Cover screws: stainless steel

## Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate
- Stamped aluminum covers: natural finish

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: A-A-50563
- NEMA Standard: FB-1, FB-2.10



Type LB

## Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™-Iron, 1" Type C shown with cut-away body and cover to illustrate Wedge-Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



O-Z/Gedney™ Form 7™ (C57, 1-1/2")  
28 Cubic Inches Capacity  
Flat-Back Design



Crouse-Hinds Form 7™  
(C57, 1-1/2")  
26 Cubic Inches Capacity




† Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.




# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Conduit Bodies ①

Trade Size (Inches)	Max. Wire Fill	C		LB		LL	
		Grayloy-Iron	Max. Wire Fill	Grayloy-Iron	Max. Wire Fill	Grayloy-Iron	Max. Wire Fill
							
1/2	③	<b>OZGC17</b>	③	<b>OZGLB17</b>	③	<b>OZGLL17</b>	
3/4	(3) # 6	<b>OZGC27</b>	(3) # 6	<b>OZGLB27</b>	(3) # 6	<b>OZGLL27</b>	
1	(3) # 4	<b>OZGC37</b>	(3) # 4	<b>OZGLB37</b>	(3) # 4	<b>OZGLL37</b>	
1-1/4	(3) # 3	<b>OZGC47</b>	(3) # 3	<b>OZGLB47</b>	(3) # 2	<b>OZGLL47</b>	
1-1/2	(3) # 3	<b>OZGC57</b>	(3) # 3	<b>OZGLB57</b>	(3) # 2	<b>OZGLL57</b>	
2	(3) # 1/0	<b>OZGC67</b>	(3) # 1/0	<b>OZGLB67</b>	(3) # 3/0	<b>OZGLL67</b>	
2-1/2	(3) 2/0	<b>OZGC77</b>	(3) 3/0	<b>OZGLB77</b>	(3) 250	<b>OZGLL77</b>	
3	(3) 2/0	<b>OZGC87</b>	(3) 2/0	<b>OZGLB87</b>	(3) 250	<b>OZGLL87</b>	
3-1/2	—	—	(3) 300	<b>OZGLB97</b>	(3) 350	<b>OZGLL97</b>	
4	—	—	(3) 350	<b>OZGLB107</b>	(3) 350	<b>OZGLL107</b>	

Trade Size (Inches)	Max. Wire Fill	E		L ②		TA	
		Grayloy-Iron	Max. Wire Fill	Grayloy-Iron	Max. Wire Fill	Grayloy-Iron	Max. Wire Fill
							
1/2	③	<b>OZGE17</b>	③	<b>OZGL17</b>	③	<b>OZGTA17</b>	
3/4	(3) # 6	<b>OZGE27</b>	(3) # 6	<b>OZGL27</b>	(3) # 6	<b>OZGTA27</b>	
1	(3) # 4	<b>OZGE37</b>	(3) # 4	<b>OZGL37</b>	(3) # 4	<b>OZGTA37</b>	
1-1/4	—	—	(3) # 2	<b>OZGL47</b>	(3) # 2	<b>OZGTA47</b>	
1-1/2	—	—	(3) # 2	<b>OZGL57</b>	(3) # 2	<b>OZGTA57</b>	
2	—	—	(3) # 2	<b>OZGL67</b>	(3) # 2	<b>OZGTA67</b>	

① Refer to following pages for Wiring Capacity Table.

② L Unilets have double opening and are furnished with one steel cover, assembled.



③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.



# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC – Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Conduit Bodies ①

Trade Size (Inches)	Max. Wire Fill	LR	Max. Wire Fill	T
		Grayloy-Iron		Grayloy-Iron
				
1/2	②	<b>0ZGLR17</b>	②	<b>0ZGT17</b>
3/4	(3) # 6	<b>0ZGLR27</b>	(3) # 6	<b>0ZGT27</b>
1	(3) # 4	<b>0ZGLR37</b>	(3) # 4	<b>0ZGT37</b>
1-1/4	(3) # 2	<b>0ZGLR47</b>	(3) # 3	<b>0ZGT47</b>
1-1/2	(3) # 2	<b>0ZGLR57</b>	(3) # 3	<b>0ZGT57</b>
2	(3) # 2	<b>0ZGLR67</b>	(3) # 2	<b>0ZGT67</b>
2-1/2	—	<b>0ZGLR77</b>	(3) 1/0	<b>0ZGT77</b>
3	(3) 250	<b>0ZGLR87</b>	(3) 1/0	<b>0ZGT87</b>
3-1/2	(3) 350	<b>0ZGLR97</b>	(3) 3/0	<b>0ZGT97</b>
4	(3) 350	<b>0ZGLR107</b>	(3) 3/0	<b>0ZGT107</b>

Trade Size (Inches)	Max. Wire Fill	TB	Max. Wire Fill	X
		Grayloy-Iron		Grayloy-Iron
				
1/2	②	<b>0ZGTB17</b>	②	<b>0ZGX17</b>
3/4	(3) # 6	<b>0ZGTB27</b>	(3) # 6	<b>0ZGX27</b>
1	(3) # 4	<b>0ZGTB37</b>	(3) # 4	<b>0ZGX37</b>
1-1/4	(3) # 3	<b>0ZGTB47</b>	(3) # 3	<b>0ZGX47</b>
1-1/2	(3) # 2	<b>0ZGTB57</b>	(3) # 2	<b>0ZGX57</b>
2	(3) # 2	<b>0ZGTB67</b>	(3) # 2	<b>0ZGX67</b>

① Refer to following pages for Wiring Capacity Table.




② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Wedge-Lok™ Clip Covers and Gaskets (Covers furnished with stainless steel screws)

Body Size (Inches)	Wedge-Lok Cast Cover	Wedge-Lok Stamped Cover	Solid Neoprene Gasket
	Grayloy-Iron	Steel	
			
1/2	0ZG170F	0ZG170	0ZGGASK571
3/4	0ZG270F	0ZG270	0ZGGASK572
1	0ZG370F	0ZG370	0ZGGASK573
1-1/4	0ZG470F	0ZG470	0ZGGASK574
1-1/2	0ZG570F	0ZG570	0ZGGASK575
2	0ZG670F	0ZG670	0ZGGASK576
2-1/2	0ZG870F	0ZG870	0ZGGASK578
3	0ZG870F	0ZG870	0ZGGASK578
3-1/2	0ZG970F	0ZG970	0ZGGASK579
4	0ZG970F	0ZG970	0ZGGASK579

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Trade Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )										Stamped Cover	Cast Cover
	C	E	LB	LL LR	L	T	TA	TB	X			
<b>FM7™ Grayloy™-Iron Bodies and Covers: Threaded</b>												
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.00 (0.30)	0.01 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.15 (9.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.22 (13.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.37 (22.50)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.51 (31.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	—	0.27 (16.50)	0.26 (16.00)
<b>Form7™ Aluminum Bodies and Covers: Threaded</b>												
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.10 (6.00)	—	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.005 (0.30)	0.007 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.16 (10.00)	—	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.008 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	—	0.25 (15.50)	—	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	—	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	—	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	—	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	—	0.27 (16.50)	0.26 (16.00)

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Form 7™ Iron Conduit Bodies, Covers and Gaskets

Form 7™ Covers with Integral Form-In-Place Gasket.

**NEC/CEC:**  
Class 1, Division 2  
NEMA 3R

## Applications

- Cover with integral gasket for FM7™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

## Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7™ and Form 7™ only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).





## Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum
- Gasket - Urethane

## NEC/CEC Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02



Trade Size (Inches)	Stamped Steel	Stamped Aluminum	Cast Grayloy-Iron	Cast Aluminum
				
1/2	0ZG170IG	0ZG170IGSA	0ZG170FIG	0ZG170FIGSA
3/4	0ZG270IG	0ZG270IGSA	0ZG270FIG	0ZG270FIGSA
1	0ZG370IG	0ZG370IGSA	0ZG370FIG	0ZG370FIGSA
1-1/4	0ZG470IG	0ZG470IGSA	0ZG470FIG	0ZG470FIGSA
1-1/2	0ZG570IG	0ZG570IGSA	0ZG570FIG	0ZG570FIGSA
2	0ZG670IG	0ZG670IGSA	0ZG670FIG	0ZG670FIGSA
2-1/2 and 3	0ZG870IG	0ZG870IGSA	0ZG870FIG	0ZG870FIGSA
3-1/2 and 4	0ZG970IG	0ZG970IGSA	0ZG970FIG	0ZG970FIGSA

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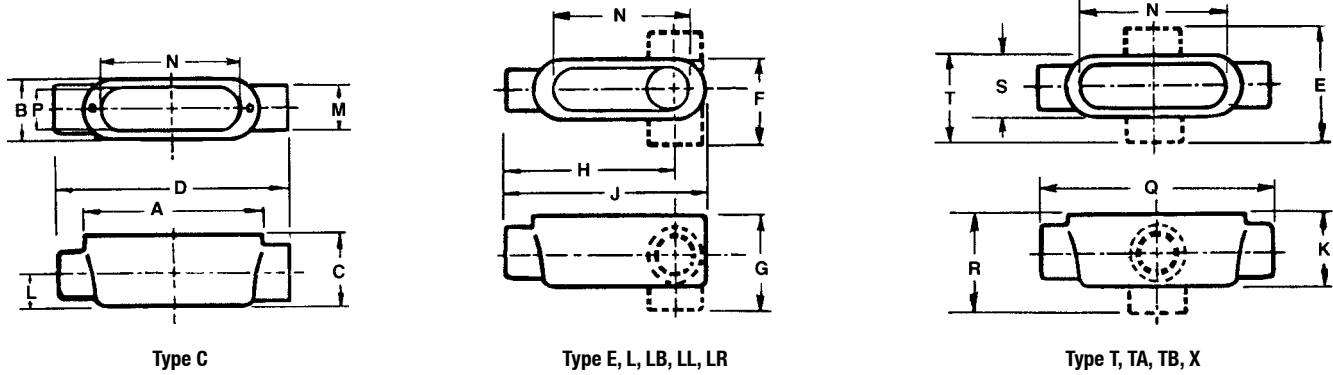
COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Dimensions in Millimeters (Inches)



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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

Trade Size (Inches)	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
1/2	92.2 (3.63)	35.1 (1.38)	35.1 (1.38)	136.7 (5.38)	84.1 (3.31)	57.2 (2.25)	57.2 (2.25)	100.1 (3.94)	115.8 (4.56)	44.5 (1.75)	16.0 (0.63)	31.8 (1.25)	81.0 (3.19)	23.9 (0.94)	143.0 (5.63)	66.8 (2.63)	39.6 (1.56)	62.0 (2.44)
3/4	108.0 (4.25)	39.6 (1.56)	41.4 (1.63)	152.4 (6.00)	88.9 (3.50)	62.0 (2.44)	63.5 (2.50)	112.8 (4.44)	131.8 (5.19)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	96.8 (3.81)	28.7 (1.13)	158.8 (6.25)	73.2 (2.88)	47.8 (1.88)	66.8 (2.63)
1	127.0 (5.00)	44.5 (1.75)	47.8 (1.88)	177.8 (7.00)	98.6 (3.88)	69.9 (2.75)	73.2 (2.88)	131.8 (5.19)	152.4 (6.00)	57.2 (2.25)	22.4 (0.88)	44.5 (1.75)	114.3 (4.50)	35.1 (1.38)	184.2 (7.25)	82.6 (3.25)	50.8 (2.00)	76.2 (3.00)
1-1/4	139.7 (5.50)	55.6 (2.19)	58.7 (2.31)	189.0 (7.44)	104.9 (4.13)	81.0 (3.19)	84.1 (3.31)	138.2 (5.44)	165.1 (6.50)	58.7 (2.31)	28.7 (1.13)	55.6 (2.19)	127.0 (5.00)	44.5 (1.75)	189.0 (7.44)	84.1 (3.31)	55.6 (2.19)	81.0 (3.19)
1-1/2	152.4 (6.00)	62.0 (2.44)	65.0 (2.56)	208.0 (8.19)	117.6 (4.63)	88.9 (3.50)	93.7 (3.69)	150.9 (5.94)	181.1 (7.13)	65.0 (2.56)	31.8 (1.25)	62.0 (2.44)	138.2 (5.44)	49.3 (1.94)	208.0 (8.19)	92.2 (3.63)	62.0 (2.44)	90.4 (3.56)
2	177.8 (7.00)	76.2 (3.00)	79.5 (3.13)	233.4 (9.19)	131.8 (5.19)	103.1 (4.06)	108.0 (4.25)	168.4 (6.63)	206.5 (8.13)	79.5 (3.13)	38.1 (1.50)	76.2 (3.00)	162.1 (6.38)	62.0 (2.44)	233.4 (9.19)	106.4 (4.19)	76.2 (3.00)	104.9 (4.13)
2-1/2	228.6 (9.00)	108.0 (4.25)	92.2 (3.63)	304.8 (12.00)	—	146.1 (5.75)	130.3 (5.13)	222.3 (8.75)	266.7 (10.50)	92.2 (3.63)	44.5 (1.75)	88.9 (3.50)	212.9 (8.38)	90.4 (3.56)	304.8 (12.00)	—	108.0 (4.25)	146.1 (5.75)
3	228.6 (9.00)	108.0 (4.25)	111.3 (4.38)	304.8 (12.00)	—	146.1 (5.75)	149.4 (5.88)	212.9 (8.38)	266.7 (10.50)	111.3 (4.38)	54.1 (2.13)	108.0 (4.25)	212.9 (8.38)	90.4 (3.56)	306.3 (12.06)	—	108.0 (4.25)	146.1 (5.75)
3-1/2	279.4 (11.00)	133.4 (5.25)	124.0 (4.88)	—	—	176.3 (6.94)	166.6 (6.56)	260.4 (10.25)	322.3 (12.69)	124.0 (4.88)	60.5 (2.38)	120.7 (4.75)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)
4	279.4 (11.00)	133.4 (5.25)	136.7 (5.38)	—	—	176.3 (6.94)	179.3 (7.06)	254.0 (10.00)	322.3 (12.69)	136.7 (5.38)	66.8 (2.63)	133.4 (5.25)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)

## Fraction/Decimal Equivalents (Inches)

Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/16	0.06	5/16	0.31	9/16	0.56	13/16	0.81
1/8	0.13	3/8	0.38	5/8	0.63	7/8	0.88
3/16	0.19	7/16	0.44	11/16	0.69	15/16	0.94
1/4	0.25	1/2	0.50	3/4	0.75	1	1.00



# FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds † Form 8™ † bodies, gaskets and covers. Equivalent FM8™ and Form 8™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Covers with gaskets are approved for use in wet locations.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.

## Standard Materials

- Bodies: grayloy-iron
- Covers: cast grayloy-iron or stamped steel
- Cover screws: stainless steel
- Gaskets: neoprene

## Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

## Options

- PVC coating available on all bodies and select covers. Add suffix **-PVC** to catalog number.

## NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

## Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes*.



Type LB



Grayloy™—Iron Conduit Body with cast cover. 1" Type C shown



† Crouse-Hinds and Form 8 are registered trademarks of Cooper Crouse-Hinds.



# FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM8™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	LB
				
1/2	②	<b>C18</b>	②	<b>LB18</b>
3/4	(3) # 6	<b>C28</b>	(3) # 6	<b>LB28</b>
1	(3) # 4	<b>C38</b>	(3) # 4	<b>LB38</b>
1-1/4	(3) # 2	<b>C448</b>	(3) # 2	<b>LB448</b>
1-1/2	(3) # 1/0	<b>C58</b>	(3) # 1/0	<b>LB58</b>
2	(3) # 4/0	<b>C68</b>	(3) # 4/0	<b>LB68</b>
2-1/2	(3) 300	<b>C78</b>	(3) 300	<b>LB78</b>
3	(3) 350	<b>C88</b>	(3) 350	<b>LB888</b>
3-1/2	—	—	—	<b>LB98</b>
4	—	—	—	<b>LB108</b>

Hub Size (Inches)	Max. Wire Fill	T	Max. Wire Fill	TB
				
1/2	②	<b>T18</b>	②	<b>TB18</b>
3/4	(3) # 6	<b>T28</b>	(3) # 6	<b>TB28</b>
1	(3) # 4	<b>T38</b>	(3) # 4	<b>TB38</b>
1-1/4	(3) # 2	<b>T448</b>	(3) # 2	<b>TB448</b>
1-1/2	(3) # 1/0; side (3) # 1	<b>T58</b>	(3) # 1/0; back (3) # 1	<b>TB58</b>
2	(3) # 4/0; side (3) # 3/0	<b>T68</b>	(3) # 4/0; back (3) # 3/0	<b>TB68</b>
2-1/2	(3) 250	<b>T78</b>	—	—
3	(3) 250	<b>T88</b>	—	—

① PVC coating available on all FM8™ bodies. Add suffix **-PVC** to catalog number.



② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.


# FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM8™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	②	LL18	②	LR18
3/4	(3) # 6	LL28	(3) # 6	LR28
1	(3) # 4	LL38	(3) # 4	LR38
1-1/4	(3) # 2	LL448	(3) # 2	LR448
1-1/2	(3) # 1/0	LL58	(3) # 1/0	LR58
2	(3) # 4/0	LL68	(3) # 4/0	LR68
2-1/2	(3) 300	LL78	(3) 300	LR78
3	(3) 350	LL888	(3) 350	LR888
3-1/2	—	—	—	—
4	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	X
		
1/2	②	X18
3/4	(3) # 6	X28
1	(3) # 4	X38
1-1/4	(3) # 2	X448
1-1/2	(3) # 1/0; side (3) # 1	X58
2	(3) # 4/0; side (3) # 3/0	X68
2-1/2	—	—
3	—	—

① PVC coating available on all FM8™ bodies. Add suffix **-PVC** to catalog number.





② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM8™ Blank Covers and Gaskets ①

Body Size (Inches)	Stamped Cover Steel	Cast Cover Grayloy–Iron ②	Solid Gasket Neoprene	Open Gasket Neoprene
				
1/2	180	180F	GASK851N	—
3/4	280	280F	GASK852N	—
1	380	380F	GASK853N	—
1-1/4	480	480F	GASK854N	—
1-1/2	580	580F	—	GASK805N
2	680	680F	—	GASK806N
2-1/2	880	880F	—	GASK808N
3	880	880F	—	GASK808N
3-1/2	980	980F	—	GASK809N
4	980	980F	—	GASK809N

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )						Stamped Cover	Cast Cover
	C	LB	LL, LR	T	TB	X		
1/2	0.08 (5.00)	0.08 (5.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.01 (0.50)	0.00 (0.30)
3/4	0.13 (8.00)	0.13 (8.00)	0.13 (8.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.80)	0.01 (0.80)
1	0.21 (13.00)	0.21 (13.00)	0.21 (13.00)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.00)	0.02 (1.00)
1-1/4	0.39 (24.00)	0.39 (24.00)	0.39 (24.00)	0.41 (25.00)	0.41 (25.00)	0.41 (25.00)	0.02 (1.50)	0.02 (1.50)
1-1/2	0.70 (42.50)	0.70 (42.50)	0.70 (42.50)	0.72 (44.00)	0.72 (44.00)	0.72 (44.00)	0.03 (1.80)	0.12 (7.50)
2	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	0.07 (4.50)	0.20 (12.50)
2-1/2	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	—	—	0.20 (12.30)	0.57 (34.50)
3	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	—	—	0.20 (12.30)	0.57 (34.50)
3-1/2	—	6.23 (380.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)
4	—	6.55 (400.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)

① Covers furnished with stainless steel screws, 1-1/2" – 4" covers provided with 4 screws.

② PVC coating available on select FM8™ covers. Add suffix -PVC to catalog number.

# FM8™ Conduit Outlet Bodies, Covers and Gaskets

FM8™ Covers with Integral Form-In-Place Gasket.

**NEC/CEC:**  
Class I, Division 2  
NEMA 3R

## Applications

- Cover with integral gasket for FM8™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

## Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).



## Standard Materials

- Stamped steel
- Cast grayloy-iron
- Gasket - Urethane

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



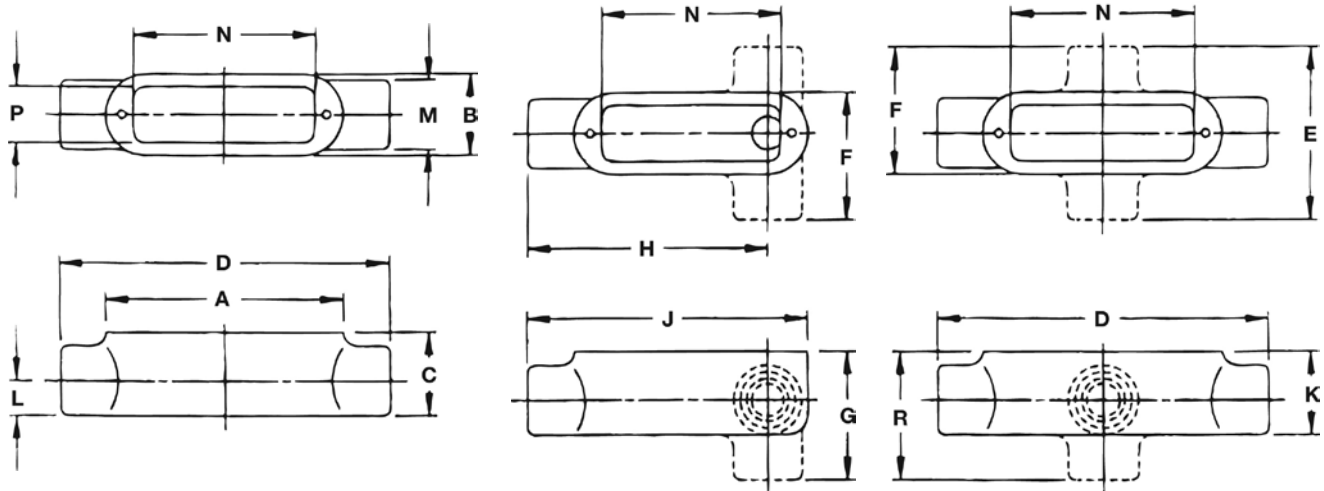
Hub Size (Inches)	Stamped Steel	Cast Grayloy-Iron
		
1/2	180IG	180FIG
3/4	280IG	280FIG
1	380IG	380FIG
1-1/4	480IG	480FIG
1-1/2	580IG	580FIG
2	680IG	680FIG
2-1/2 and 3	880IG	880FIG
3-1/2 and 4	980IG	980FIG

# FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Dimensions in Millimeters (Inches)



Type C

Types E, L, LB, L, LR

Types T, TA, TB, X

Hub Size	Dimensions in Millimeters (Inches)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
1/2	107.2 (4.22)	37.3 (1.47)	37.3 (1.47)	150.9 (5.94)	79.5 (3.13)	58.7 (2.31)	57.9 (2.28)	111.3 (4.38)	129.3 (5.09)	45.2 (1.78)	16.0 (0.63)	31.8 (1.25)	83.3 (3.28)	25.4 (1.00)	65.8 (2.59)
3/4	122.2 (4.81)	42.2 (1.66)	42.9 (1.69)	166.6 (6.56)	84.1 (3.31)	63.5 (2.50)	63.5 (2.50)	124.7 (4.91)	146.1 (5.75)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	100.1 (3.94)	30.2 (1.19)	71.4 (2.81)
1	142.0 (5.59)	46.7 (1.84)	50.0 (1.97)	192.0 (7.56)	94.5 (3.72)	70.6 (2.78)	73.9 (2.91)	145.3 (5.72)	168.4 (6.63)	57.9 (2.28)	22.4 (0.88)	44.5 (1.75)	115.1 (4.53)	35.1 (1.38)	81.8 (3.22)
1-1/4	166.6 (6.56)	55.6 (2.19)	60.5 (2.38)	214.4 (8.44)	103.1 (4.06)	79.5 (3.13)	84.1 (3.31)	162.8 (6.41)	190.5 (7.50)	66.8 (2.63)	27.7 (1.09)	55.6 (2.19)	134.9 (5.31)	44.5 (1.75)	90.4 (3.56)
1-1/2	200.2 (7.88)	70.6 (2.78)	70.6 (2.78)	263.7 (10.38)	134.1 (5.28)	102.4 (4.03)	102.4 (4.03)	196.9 (7.75)	231.9 (9.13)	70.6 (2.78)	35.1 (1.38)	62.0 (2.44)	165.1 (6.50)	53.1 (2.09)	102.4 (4.03)
2	247.7 (9.75)	98.6 (3.88)	90.4 (3.56)	314.5 (12.38)	162.1 (6.38)	130.3 (5.13)	122.2 (4.81)	233.4 (9.19)	11.13 (282.7)	90.4 (3.56)	47.8 (1.88)	76.2 (3.00)	219.2 (8.63)	76.2 (3.00)	122.2 (4.81)
2-1/2	311.2 (12.25)	127.0 (5.00)	112.8 (4.44)	397.0 (15.63)	—	169.9 (6.69)	155.7 (6.13)	290.6 (11.44)	354.1 (13.94)	112.8 (4.44)	63.5 (2.50)	88.9 (3.50)	276.4 (10.88)	108.0 (4.25)	—
3	311.2 (12.25)	127.0 (5.00)	122.2 (4.81)	397.0 (15.63)	—	169.9 (6.69)	165.1 (6.50)	290.6 (11.44)	354.1 (13.94)	122.2 (4.81)	63.5 (2.50)	108.0 (4.25)	276.4 (10.88)	108.0 (4.25)	—
3-1/2	381.0 (15.00)	158.8 (6.25)	144.5 (5.69)	—	—	—	192.0 (7.56)	349.3 (13.75)	428.8 (16.88)	—	79.5 (3.13)	120.7 (4.75)	341.4 (13.44)	138.2 (5.44)	—
4	381.0 (15.00)	158.8 (6.25)	150.9 (5.94)	—	—	—	198.4 (7.81)	349.3 (13.75)	428.8 (16.88)	—	79.5 (3.13)	133.4 (5.25)	341.4 (13.44)	138.2 (5.44)	—

Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum, IMC, and EMT Conduit.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.
- Raintight when a cover and gasket are installed.

## Standard Materials

- Bodies: copperfree (max. 4/10 of 1%) aluminum
  - 1/2" thru 2": pressure cast
  - 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

## Standard Finishes

- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

## Options

- PVC coating available on all threaded bodies and select covers.  
Add suffix **-PVC** to catalog number.

## NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

## Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog*.



Conduit Body with Stamped Aluminum Cover. 2" Type C shown.





Typical Form 85 Conduit Bodies with Setscrews.  
For use with Electrical Metallic Tubing (EMT).



# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ Form 85™ Conduit Bodies: Threaded/SetScrew Type ①

Hub Size (Inches)	Max. Wire Fill	C		Max. Wire Fill	E	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type
						
1/2	②	C-50A	C-50TA	②	E-50A	E-50TA
3/4	(3) # 6	C-75A	C-75TA	(3) # 6	E-75A	—
1	(3) # 4	C-100A	C-100TA	(3) #6	E-100A	—
1-1/4	(3) # 2	C-125A	C-125TA	—	—	—
1-1/2	(3) # 1/0	C-150A	C-150TA	—	—	—
2	(3) # 3/0	C-200A	—	—	—	—
2-1/2	(3) 300	C-250A	—	—	—	—
3	(3) 300	C-300A	—	—	—	—
3-1/2	(3) 350	C-350A	—	—	—	—
4	(3) 350	C-400A	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	LR		Max. Wire Fill	T	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type
						
1/2	②	LR-50A	LR-50TA	②	T-50A	T-50TA
3/4	(3) # 6	LR-75A	LR-75TA	(3) # 6	T-75A	T-75TA
1	(3) # 4	LR-100A	LR-100TA	(3) # 4	T-100A	T-100TA
1-1/4	(3) # 2	LR-125A	LR-125TA	(3) # 2	T-125A	—
1-1/2	(3) # 1	LR-150A	LR-150TA	(3) # 1	T-150A	—
2	(3) # 2/0	LR-200A	LR-200TA	(3) # 2/0	T-200A	—
2-1/2	(3) 300	LR-250A	—	(3) 300	T-250A	—
3	(3) 350	LR-300A	—	(3) 300	T-300A	—
3-1/2	(3) 350	LR-350A	—	(3) 350	T-350A	—
4	(3) 350	LR-400A	—	(3) 350	T-400A	—

① Refer to following page for Wiring Capacity Table.

② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.





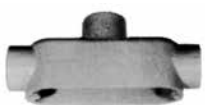

# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ Form 85™ Conduit Bodies: Threaded/SetScrew Type ①

Hub Size (Inches)	Max. Wire Fill	LB		Max. Wire Fill	LL	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type
						
1/2	②	LB-50A	LB-50TA	②	LL-50A	LL-50TA
3/4	(3) # 6	LB-75A	LB-75TA	(3) # 6	LL-75A	LL-75TA
1	(3) # 4	LB-100A	LB-100TA	(3) # 4	LL-100A	LL-100TA
1-1/4	(3) # 2	LB-125A	LB-125TA	(3) # 2	LL-125A	LL-125TA
1-1/2	(3) # 1/0	LB-150A	LB-150TA	(3) # 1	LL-150A	LL-150TA
2	(3) # 4/0	LB-200A	LB-200TA	(3) # 2/0	LL-200A	LL-200TA
2-1/2	(3) 300	LB-250A	—	(3) 300	LL-250A	—
3	(3) 400	LB-300A	—	(3) 350	LL-300A	—
3-1/2	(3) 500	LB-350A	—	(3) 350	LL-350A	—
4	(3) 500	LB-400A	—	(3) 350	LL-400A	—

Hub Size (Inches)	Max. Wire Fill	TB		Max. Wire Fill	X	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type
						
1/2	②	TB-50A	—	②	X-50A	—
3/4	(3) # 6	TB-75A	—	(3) # 6	X-75A	—
1	(3) # 6	TB-100A	—	(3) # 4	X-100A	—
1-1/4	(3) # 6	TB-125A	—	—	—	—
1-1/2	(3) # 4	TB-150A	—	—	—	—
2	(3) # 1/0	TB-200A	—	—	—	—
2-1/2	—	—	—	—	—	—
3	—	—	—	—	—	—
3-1/2	—	—	—	—	—	—
4	—	—	—	—	—	—

## Back Style for Form 85 Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back
C, LB, LL, LR, T	1/2 – 2	2-1/2 – 4
TB	1-1/4, 1-1/2	1/2, 3/4, 1, 2
E, X	1/2 – 1	—

① Refer to following page for Wiring Capacity Table.







② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Covers and Gaskets

Body Size (Inches)	Blank Stamped Aluminum ①	Blank Cast Aluminum	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"		
	 Flat: 3-1/2" – 6"	 Domed: 2-1/2" – 4"	Tear out inner section to convert to "open type" gasket.	
1/2	K50-A	K50-CA	GK50-N	GK50-V
3/4	K75-A	K75-CA	GK75-N	GK75-V
1	K100-A	K100-CA	GK100-N	GK100-V
1-1/4	K125-150-A	K125-150-CA	GK125-150-N	GK125-150-V
1-1/2	K125-150-A	K125-150-CA	GK125-150-N	GK125-150-V
2	K200-A	K200-CA	GK200-N	GK200-V
2-1/2	K250-300-A	K250-300-CA	GK250-300-N	GK-250-300-V
3	K250-300-A	K250-300-CA	GK250-300-N	GK-250-300-V
3-1/2	K350-400-A	K350-400-CA	GK350-400-N	GK-350-400-V
4	K350-400-A	K350-400-CA	GK350-400-N	GK-350-400-V

## Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )										
	C	E	LB	LL LR	LRL	T	TA	TB	X	Stamped Cover	Cast Cover
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.07 (4.00)	—	0.10 (6.00)	0.07 (4.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.11 (7.00)	—	0.11 (7.00)	0.11 (7.00)	0.01 (0.80)	0.00 (0.30)
1	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	—	0.19 (11.80)	—	0.21 (13.00)	0.19 (11.80)	1.00 (25.4)	0.01 (0.50)
1-1/4	0.57 (34.80)	—	0.57 (34.80)	0.57 (34.80)	—	0.57 (34.80)	—	0.57 (35.00)	—	0.04 (2.50)	0.01 (0.80)
1-1/2	0.57 (35.00)	—	0.57 (35.00)	0.57 (35.00)	—	0.57 (35.00)	—	0.57 (34.50)	—	0.04 (2.50)	0.01 (0.80)
2	1.15 (70.00)	—	1.15 (70.00)	1.15 (70.00)	—	1.15 (70.00)	—	1.16 (71.00)	—	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	3568.7 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)

① Add suffix -PVC to catalog number.

# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

## Standard Materials

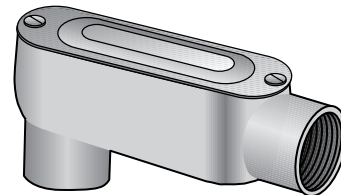
- Conduit Body - copperfree (max. 4/10 of 1%) aluminum
- Cover - **Type BS** Aluminum
- Gasket - **Type SGN** Neoprene

## Standard Finishes

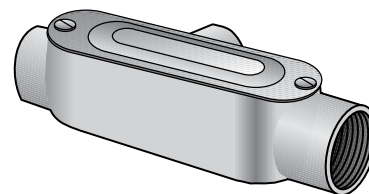
- Conduit Body - epoxy powder coat enamel

## NEC/CEC Certifications and Compliances

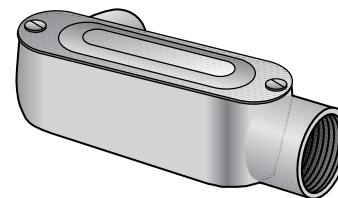
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: LR-9795
- NEMA Standard: FB-1, FB-2.10



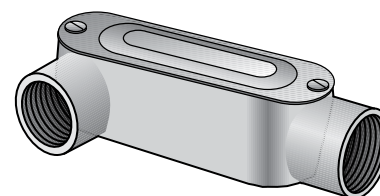
Type LB-ACGA



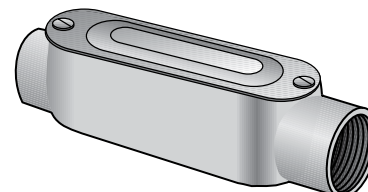
Type T-ACGA



Type LL-ACGA



Type LR-ACGA



Type C-ACGA

Appleton

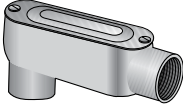
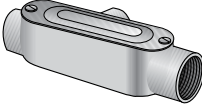
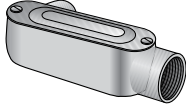
COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES



# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ Form 85™: Complete with Cover

Hub Size (Inches)	Max. Wire Fill	LB-ACGA	Max. Wire Fill	T-ACGA	Max. Wire Fill	LL-ACGA
						
1/2	①	<b>LB-50ACGA</b>	①	<b>T-50ACGA</b>	①	<b>LL-50ACGA</b>
3/4	(3) # 6	<b>LB-75ACGA</b>	(3) # 6	<b>T-75ACGA</b>	(3) # 6	<b>LL-75ACGA</b>
1	(3) # 4	<b>LB-100ACGA</b>	(3) # 4	<b>T-100ACGA</b>	(3) # 4	<b>LL-100ACGA</b>
1-1/4	(3) # 2	<b>LB-125ACGA</b>	(3) # 2	<b>T-125ACGA</b>	(3) # 2	<b>LL-125ACGA</b>
1-1/2	(3) # 1/0	<b>LB-150ACGA</b>	(3) # 1	<b>T-150ACGA</b>	(3) # 1	<b>LL-150ACGA</b>
2	(3) # 4/0	<b>LB-200ACGA</b>	(3) # 2/0	<b>T-200ACGA</b>	(3) # 2/0	<b>LL-200ACGA</b>

Hub Size (Inches)	Max. Wire Fill	LR-ACGA	Max. Wire Fill	C-ACGA
				
1/2	①	<b>LR-50ACGA</b>	①	<b>C-50ACGA</b>
3/4	(3) # 6	<b>LR-75ACGA</b>	(3) # 6	<b>C-75ACGA</b>
1	(3) # 4	<b>LR-100ACGA</b>	(3) # 4	<b>C-100ACGA</b>
1-1/4	(3) # 2	<b>LR-125ACGA</b>	(3) # 2	<b>C-125ACGA</b>
1-1/2	(3) # 1	<b>LR-150ACGA</b>	(3) # 1/0	<b>C-150ACGA</b>
2	(3) # 2/0	<b>LR-200ACGA</b>	(3) # 3/0	<b>C-200ACGA</b>

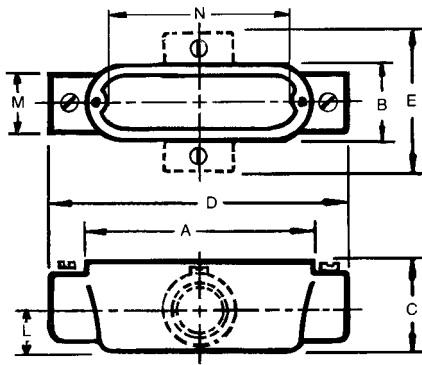
① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

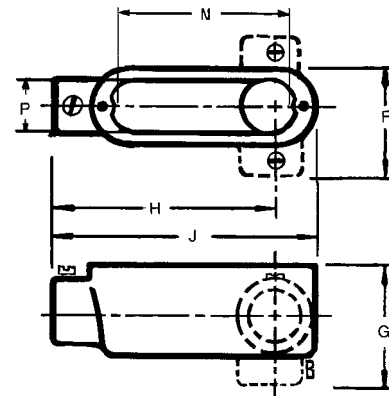
Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Types C, T, X



Types E, LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)													
	A	B	C	D	E	F	G	H	J	L	M	N	P	
<b>Pressure Cast</b>														
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)	
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)	
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)	
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)	
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)	
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)	
<b>Sand Cast</b>														
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)	
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)	
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)	
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)	

# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features

- Tapered threaded hubs (NPT).
- Raintight when used with gasketed covers.
- Internal volume and maximum wire clearly marked on castings.

## Standard Materials

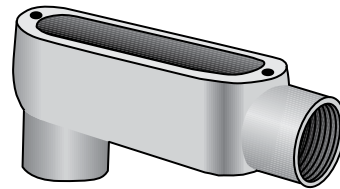
- Bodies: copperfree (max. 4/10 of 1%) aluminum
  - 1/2" thru 2": pressure cast
  - 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

## Standard Finishes

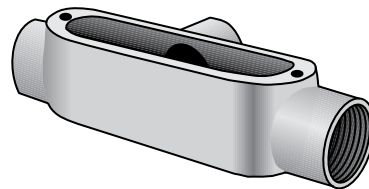
- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

## NEC/CEC Certifications and Compliances

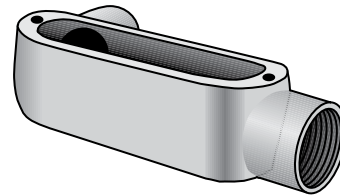
- UL Standards: 514A
- UL Listed: E-18095w
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA Standard: FB-1, FB-2.10



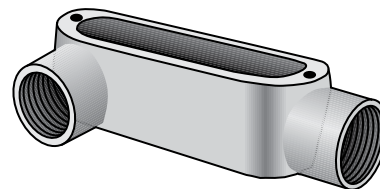
Type LB-A



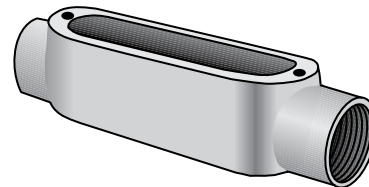
Type T-A



Type LL-A



Type LR-A

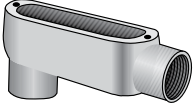
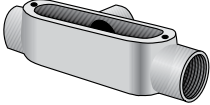
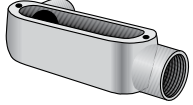
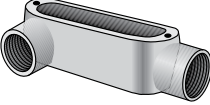


Type C-A

# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies				
Hub Size (Inches)	Max. Wire Fill	LB-A	Max. Wire Fill	T-A
				
<b>Diecast</b>				
1/2	①	LB-50A	①	T-50A
3/4	(3) # 6	LB-75A	(3) # 6	T-75A
1	(3) # 4	LB-100A	(3) # 4	T-100A
1-1/4	(3) # 2	LB-125A	(3) # 2	T-125A
1-1/2	(3) # 1/0	LB-150A	(3) # 1	T-150A
2	(3) # 4/0	LB-200A	(3) # 2/0	T-200A
<b>Sandcast</b>				
2-1/2	(3) 300	LB-250A	(3) 300	T-250A
3	(3) 400	LB-300A	(3) 300	T-300A
3-1/2	(3) 500	LB-350A	(3) 350	T-350A
4	(3) 500	LB-400A	(3) 350	T-400A
Hub Size (Inches)	Max. Wire Fill	LL-A	Max. Wire Fill	LR-A
				
<b>Diecast</b>				
1/2	①	LL-50A	①	LR-50A
3/4	(3) # 6	LL-75A	(3) # 6	LR-75A
1	(3) # 4	LL-100A	(3) # 4	LR-100A
1-1/4	(3) # 2	LL-125A	(3) # 2	LR-125A
1-1/2	(3) # 1	LL-150A	(3) # 1	LR-150A
2	(3) # 2/0	LL-200A	(3) # 2/0	LR-200A
<b>Sandcast</b>				
2-1/2	(3) 300	LL-250A	(3) 300	LR-250A
3	(3) 350	LL-300A	(3) 350	LR-300A
3-1/2	(3) 350	LL-350A	(3) 350	LR-350A
4	(3) 350	LL-400A	(3) 350	LR-400A

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

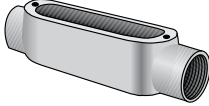
① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

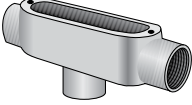
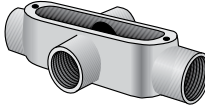
# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	Diecast		Sandcast	
			C-A		
					
1/2	①	C-50A			—
3/4	(3) # 6	C-75A			—
1	(3) # 4	C-100A			—
1-1/4	(3) # 2	C-125A			—
1-1/2	(3) # 1/0	C-150A			—
2	(3) # 3/0	C-200A			—
2-1/2	(3) 300	—			C-250A
3	(3) 300	—			C-300A
3-1/2	(3) 350	—			C-350A
4	(3) 350	—			C-400A

Hub Size (Inches)	Max. Wire Fill	Sandcast			
		TB-A	Max. Wire Fill	X-A	
					
1/2	①	TB-50A	①	X-50A	
3/4	(3) # 6	TB-75A	(3) # 6	X-75A	
1	(3) # 6	TB-100A	(3) # 4	X-100A	
1-1/4	(3) # 6	TB-125A	—	X-125A	
1-1/2	(3) # 4	TB-150A	—	X-150A	
2	(3) # 1/0	TB-200A	—	X-200A	
2-1/2	—	—	—	—	
3	—	—	—	—	
3-1/2	—	—	—	—	
4	—	—	—	—	

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

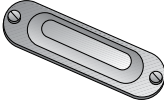



# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Blank Covers and Gaskets ①

Body Size (Inches)	Domed Top Design Cover	Solid Cover Sealing Gasket	
		Velbuna	Neoprene
			
1/2	<b>BS-50A</b>	<b>SG-50</b>	<b>SGN-50</b>
3/4	<b>BS-75A</b>	<b>SG-75</b>	<b>SGN-75</b>
1	<b>BS-100A</b>	<b>SG-100</b>	<b>SGN-100</b>
1-1/4 - 1-1/2	<b>BS-125A</b>	<b>SG-125</b>	<b>SGN-125</b>
2	<b>BS-200A</b>	<b>SG-200</b>	<b>SGN-200</b>
2-1/2 - 3	<b>BS-250A</b>	<b>SG-250</b>	<b>SGN-250</b>
3-1/2 - 4	<b>BS-350A ①</b>	<b>SG-350</b>	<b>SGN-350</b>

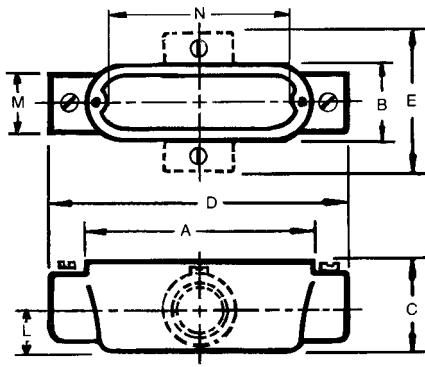
① Flat Top Design Cover

# Aluminum Conduit Bodies, Covers and Gaskets

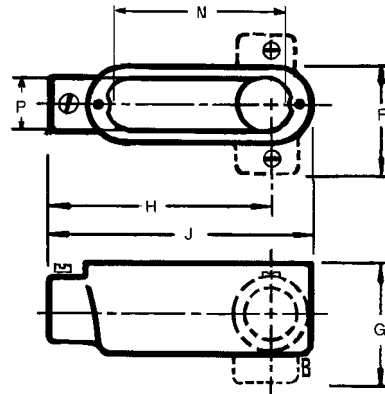
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)													
	A	B	C	D	E	F	G	H	J	L	M	N	P	
<b>Pressure Cast</b>														
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)	
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)	
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)	
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)	
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)	
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)	
<b>Sand Cast</b>														
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)	
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)	
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)	
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)	

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

*NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)*

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

## Standard Materials

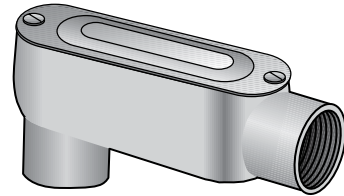
- Conduit Body - copperfree (max. 4/10 of 1%) aluminum
- Cover - **Type BS** Aluminum
- Gasket - **Type SGN** Neoprene

## Standard Finishes

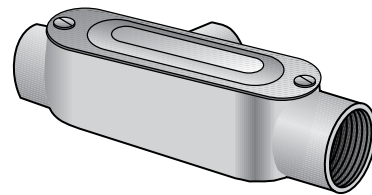
- Conduit Body - epoxy powder coat enamel

## NEC/CEC Certifications and Compliances

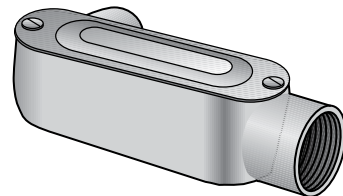
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: LR-9795
- NEMA Standard: FB-1, FB-2.10



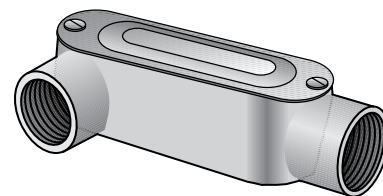
Type LB-ACG



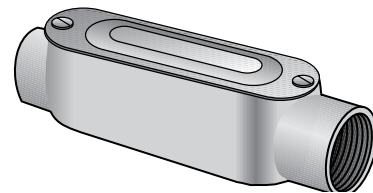
Type T-ACG



Type LL-ACG



Type LR-ACG



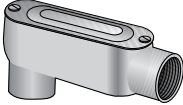
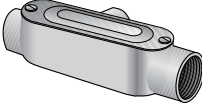

Type C-ACG



# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LB-ACG	Max. Wire Fill	T-ACG	Max. Wire Fill	LL-ACG
						
1/2	①	<b>LB-50ACG</b>	①	<b>T-50ACG</b>	①	<b>LL-50ACG</b>
3/4	(3) # 6	<b>LB-75ACG</b>	(3) # 6	<b>T-75ACG</b>	(3) # 6	<b>LL-75ACG</b>
1	(3) # 4	<b>LB-100ACG</b>	(3) # 4	<b>T-100ACG</b>	(3) # 4	<b>LL-100ACG</b>
1-1/4	(3) # 2	<b>LB-125ACG</b>	(3) # 2	<b>T-125ACG</b>	(3) # 2	<b>LL-125ACG</b>
1-1/2	(3) # 1/0	<b>LB-150ACG</b>	(3) # 1	<b>T-150ACG</b>	(3) # 1	<b>LL-150ACG</b>
2	(3) # 4/0	<b>LB-200ACG</b>	(3) # 2/0	<b>T-200ACG</b>	(3) # 2/0	<b>LL-200ACG</b>

Hub Size (Inches)	Max. Wire Fill	LR-ACG	Max. Wire Fill	C-ACG
				
1/2	①	<b>LR-50ACG</b>	①	<b>C-50ACG</b>
3/4	(3) # 6	<b>LR-75ACG</b>	(3) # 6	<b>C-75ACG</b>
1	(3) # 4	<b>LR-100ACG</b>	(3) # 4	<b>C-100ACG</b>
1-1/4	(3) # 2	<b>LR-125ACG</b>	(3) # 2	<b>C-125ACG</b>
1-1/2	(3) # 1	<b>LR-150ACG</b>	(3) # 1/0	<b>C-150ACG</b>
2	(3) # 2/0	<b>LR-200ACG</b>	(3) # 3/0	<b>C-200ACG</b>

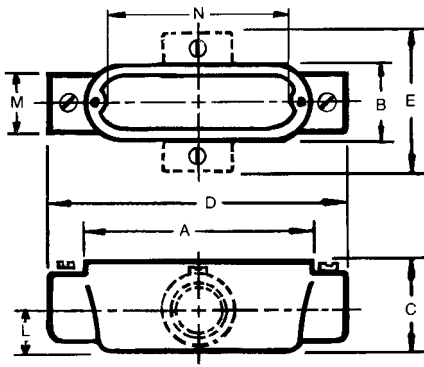
① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Aluminum Conduit Bodies, Covers and Gaskets

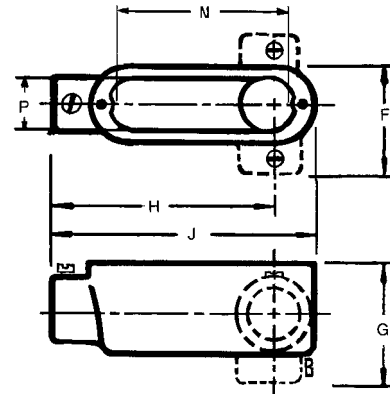
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
<b>Pressure Cast</b>													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
<b>Sand Cast</b>													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# Aluminum Conduit Bodies, Covers and Gaskets

Set Screw Type for EMT (Thinwall Conduit).

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features

- Slotted hex head steel hardened cup-point set screw for EMT.
- Internal volume and maximum wire clearly marked on castings.

## Standard Materials

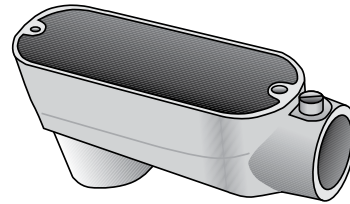
- Diecast copperfree (max. 4/10 of 1%) aluminum

## Standard Finishes

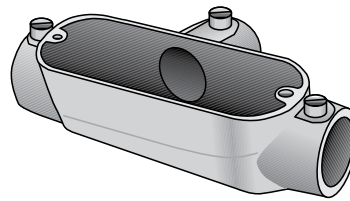
- Aluminum enamel

## NEC/CEC Certifications and Compliances

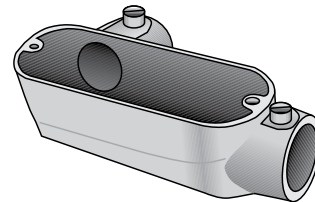
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA Standard: FB-1, FB-2.10



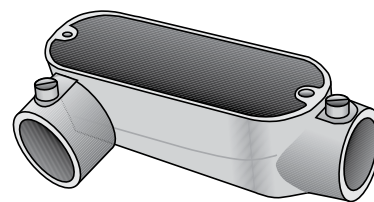
Type LB-TW



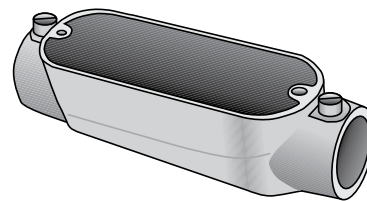
Type T-TW



Type LL-TW



Type LR-TW




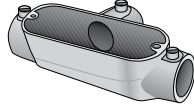
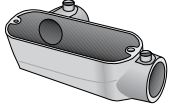
Type C-TW

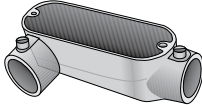
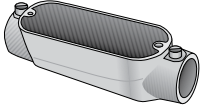
# Aluminum Conduit Bodies, Covers and Gaskets

Set Screw Type for EMT (Thinwall Conduit).

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LB-TW	Max. Wire Fill	T-TW	Max. Wire Fill	LL-TW
						
1/2	①	<b>LB-50ATW</b>	①	<b>T-50ATW</b>	①	<b>LL-50ATW</b>
3/4	(3) # 6	<b>LB-75ATW</b>	(3) # 6	<b>T-75ATW</b>	(3) # 6	<b>LL-75ATW</b>
1	(3) # 4	<b>LB-100ATW</b>	(3) # 4	<b>T-100ATW</b>	(3) # 4	<b>LL-100ATW</b>
1-1/4	(3) # 2	<b>LB-125ATW</b>	(3) # 2	<b>T-125ATW</b>	(3) # 2	<b>LL-125ATW</b>
1-1/2	(3) # 1/0	<b>LB-150ATW</b>	(3) # 1	<b>T-150ATW</b>	(3) # 1	<b>LL-150ATW</b>
2	(3) # 4/0	<b>LB-200ATW</b>	(3) # 2/0	<b>T-200ATW</b>	(3) # 2/0	<b>LL-200ATW</b>

Hub Size (Inches)	Max. Wire Fill	LR-TW	Max. Wire Fill	C-TW
				
1/2	①	<b>LR-50ATW</b>	①	<b>C-50ATW</b>
3/4	(3) # 6	<b>LR-75ATW</b>	(3) # 6	<b>C-75ATW</b>
1	(3) # 4	<b>LR-100ATW</b>	(3) # 4	<b>C-100ATW</b>
1-1/4	(3) # 2	<b>LR-125ATW</b>	(3) # 2	<b>C-125ATW</b>
1-1/2	(3) # 1	<b>LR-150ATW</b>	(3) # 1/0	<b>C-150ATW</b>
2	(3) # 2/0	<b>LR-200ATW</b>	(3) # 3/0	<b>C-200ATW</b>

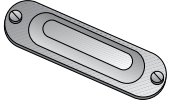

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Blank Covers and Gaskets ①

Body Size (Inches)	Domed Top Design Cover	Solid Cover Sealing Gasket	
		Velbuna	Neoprene
			
1/2	<b>BS-50A</b>	<b>SG-50</b>	<b>SGN-50</b>
3/4	<b>BS-75A</b>	<b>SG-75</b>	<b>SGN-75</b>
1	<b>BS-100A</b>	<b>SG-100</b>	<b>SGN-100</b>
1-1/4 - 1-1/2	<b>BS-125A</b>	<b>SG-125</b>	<b>SGN-125</b>
2	<b>BS-200A</b>	<b>SG-200</b>	<b>SGN-200</b>
2-1/2 - 3	<b>BS-250A</b>	<b>SG-250</b>	<b>SGN-250</b>
3-1/2 - 4	<b>BS-350A ①</b>	<b>SG-350</b>	<b>SGN-350</b>

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

① Flat Top Design Cover

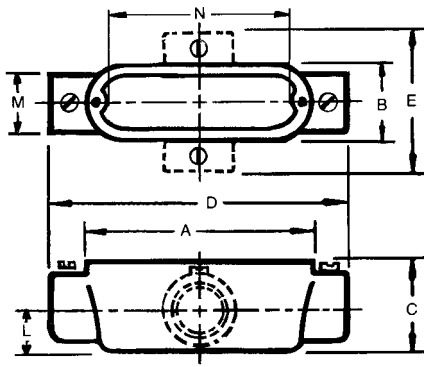


# Aluminum Conduit Bodies, Covers and Gaskets

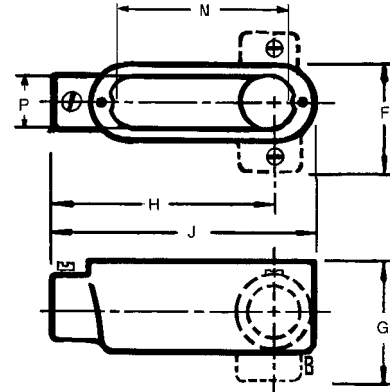
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
<b>Pressure Cast</b>													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
<b>Sand Cast</b>													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

## Features

- Roomy interiors: deep body cavity provides increased volume allowing higher wiring capacity.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds<sup>+</sup> Mark9<sup>+</sup> bodies, gaskets and covers. Equivalent FM9™ and Mark9<sup>+</sup> units have identical applications and installation dimensions.
- Seven body styles available in 1/2" thru 4" sizes, TB's in 1/2" thru 2" and X's in 1/2" thru 1".
- Aluminum Unilets™: produced from a high-strength copperfree aluminum alloy, for light weight and high corrosion resistance.
- FM9™ covers with integral gasket are approved for use in wet locations.
- Covers are domed for extra wiring space.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Stainless steel pan-head cover screws secure cover to body and provide superior screwdriver seating and torque. Cover screws are captive to prevent loss in sizes 1/2" thru 2".
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

## Standard Materials

- Conduit bodies: copperfree (4/10 of 1% max.) aluminum
- Covers: stamped copperfree (4/10 of 1% max.) aluminum
- Cover screws: stainless steel
- Gaskets: neoprene

## Standard Finishes

- Conduit bodies, covers and screws: natural

## Options

- PVC coating available on all bodies and select covers. Add suffix **-PVC** to catalog number.

## NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



Type LL with Form-IN-Place cover



Captive Stainless Steel Pan-Head Cover Screws



+ Crouse-Hinds and Mark9 are registered trademarks of Cooper Crouse-Hinds.



# FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM9™ Conduit Bodies ①②

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	LB
				
1/2	③	<b>C19</b>	③	<b>LB19</b>
3/4	(3) # 6	<b>C29</b>	(3) # 6	<b>LB29</b>
1	(3) # 4	<b>C39</b>	(3) # 4	<b>LB39</b>
1-1/4	(3) # 2	<b>C49</b>	(3) # 2	<b>LB49</b>
1-1/2	(3) # 1/0	<b>C59</b>	(3) # 1/0	<b>LB59</b>
2	(3) # 2/0	<b>C69</b>	(3) # 3/0	<b>LB69</b>
2-1/2	(3) 300	<b>C789</b>	(3) 300	<b>LB789</b>
3	(3) 350	<b>C889</b>	(3) 300	<b>LB889</b>
3-1/2	(3) 350	<b>C989</b>	(3) 500	<b>LB989</b>
4	(3) 350	<b>C1089</b>	(3) 500	<b>LB1089</b>

Hub Size (Inches)	Max. Wire Fill	T	Max. Wire Fill	TB
				
1/2	③	<b>T19</b>	③	<b>TB19</b>
3/4	(3) # 6	<b>T29</b>	(3) # 6	<b>TB29</b>
1	(3) # 4	<b>T39</b>	(3) # 4	<b>TB39</b>
1-1/4	(3) # 2	<b>T49</b>	(3) # 2	<b>TB49</b>
1-1/2	1 (3) # 1/0; side (3) # 2	<b>T59</b>	(3) # 1/0; back (3) # 2	<b>TB59</b>
2	(3) # 2/0; side (3) # 1	<b>T69</b>	(3) # 2/0; back (3) # 1	<b>TB69</b>
2-1/2	(3) 250	<b>T789</b>	-	-
3	(3) 250	<b>T889</b>	-	-
3-1/2	(3) 350	<b>T989</b>	-	-
4	(3) 350	<b>T1089</b>	-	-



① PVC coating available on all FM9™ bodies. Add suffix **-PVC** to catalog number.  
② Refer to following page for Wiring Capacity Tables.  
③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.


# FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM9™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	②	<b>LL19</b>	②	<b>LR19</b>
3/4	(3) # 6	<b>LL29</b>	(3) # 6	<b>LR29</b>
1	(3) # 4	<b>LL39</b>	(3) # 4	<b>LR39</b>
1-1/4	(3) # 2	<b>LL49</b>	(3) # 2	<b>LR49</b>
1-1/2	(3) # 1/0	<b>LL59</b>	(3) # 1/0	<b>LR59</b>
2	(3) # 4/0	<b>LL69</b>	(3) # 4/0	<b>LR69</b>
2-1/2	(3) 300	<b>LL789</b>	(3) 300	<b>LR789</b>
3	(3) 350	<b>LL889</b>	(3) 350	<b>LR889</b>
3-1/2	(3) 350	<b>LL989</b>	(3) 350	<b>LR989</b>
4	(3) 350	<b>LL1089</b>	(3) 350	<b>LR1089</b>

Hub Size (Inches)	Max. Wire Fill	X
		
1/2	②	<b>X19</b>
3/4	(3) # 6	<b>X29</b>
1	(3) # 4	<b>X39</b>
1-1/4	-	-
1-1/2	-	-
2	-	-
2-1/2	-	-
3	-	-
3-1/2	-	-
4	-	-

① Refer to following page for Wiring Capacity Tables



② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

# FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For FM9™ Unilets™ Conduit Outlet Bodies.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Appleton™ FM9™ Blank Covers and Gaskets and Stamped Aluminum Cover with Integral Gasket (Covers furnished with Stainless Steel Screws)

Body Size (Inches)	Stamped Aluminum Cover ①	Solid Gasket Neoprene
		
1/2	APP190	GASK1941
3/4	APP290	GASK1942
1	APP390	GASK1943
1-1/4	APP490	GASK1944
1-1/2	APP590	GASK1945
2	APP690	GASK1946
2-1/2	APP889	GASK808N
3	APP889	GASK808N
3-1/2	APP989	GASK809N
4	APP989	GASK809N

## Wiring Capacity: Combine Body and Cover Capacities for Total usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )						Cover
	C	LB	LL LR	T	TB	X	
1/2	0.08 (4.80)	0.08 (5.00)	0.09 (5.30)	0.08 (5.00)	0.11 (6.80)	0.12 (7.30)	0.01 (0.50)
3/4	0.13 (7.80)	0.14 (8.30)	0.14 (8.50)	0.14 (8.30)	0.18 (11.00)	0.19 (11.30)	0.01 (0.80)
1	0.20 (12.30)	0.21 (12.80)	0.22 (13.30)	0.20 (12.50)	0.27 (16.50)	0.28 (17.00)	0.02 (1.00)
1-1/4	0.41 (25.30)	0.43 (26.50)	0.45 (27.30)	0.43 (26.30)	0.42 (25.80)	—	0.02 (1.50)
1-1/2	0.61 (37.50)	0.64 (39.00)	0.65 (39.80)	0.63 (38.50)	0.63 (38.50)	—	0.04 (2.50)
2	1.27 (77.50)	1.33 (81.30)	1.36 (82.80)	1.30 (79.50)	1.26 (77.00)	—	0.11 (6.50)
2-1/2	3.77 (230.00)	3.77 (230.00)	3.77 (230.00)	3.77 (230.00)	—	—	0.20 (12.30)
3	4.10 (250.00)	4.10 (250.00)	4.10 (250.00)	4.10 (250.00)	—	—	0.20 (12.30)
3-1/2	7.37 (450.00)	7.37 (450.00)	7.37 (450.00)	7.37 (450.00)	—	—	0.39 (24.00)
4	7.70 (470.00)	7.70 (470.00)	7.70 (470.00)	7.70 (470.00)	—	—	0.39 (24.00)

① PVC coating available on select FM9™ covers. Add suffix **-PVC** to catalog number.

# FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

FM9™ Cover with Integral Form-In-Place gasket.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Applications

- Cover with integral gasket for FM9 conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

## Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).


## Standard Materials

- Stamped aluminum
- Gasket - Urethane

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



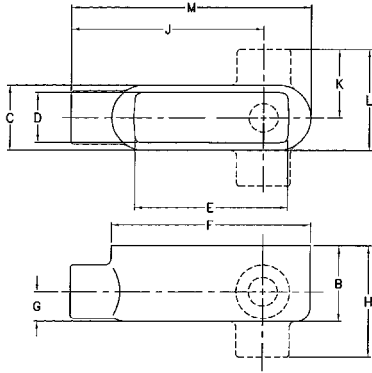
Hub Size (Inches)	Stamped Aluminum
	
1/2	190IG
3/4	290IG
1	390IG
1-1/4	490IG
1-1/2	590IG
2	690IG
2-1/2 and 3	889IG
3-1/2 and 4	989IG

# FM9™ Aluminum Conduit Outlet Bodies Covers Gaskets

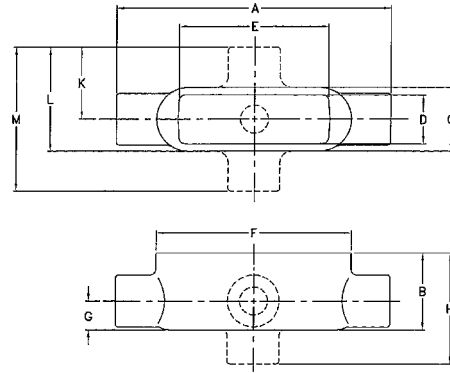
For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Dimensions in Millimeters (Inches)



Type LB, LL and LR



Type C, T, TB and X

Hub Size	Dimensions in Millimeters (Inches)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	
C, LB, T, LL, and LR	1/2	126.2 (4.97)	39.6 (1.56)	35.1 (1.38)	26.9 (1.06)	3.28 (83.3)	107.2 (4.22)	16.0 (0.63)	58.7 (2.31)	91.2 (3.59)	36.6 (1.44)	54.1 (2.13)	-	116.6 (4.59)
	3/4	144.5 (5.69)	46.0 (1.81)	39.6 (1.56)	1.22 (31.0)	100.1 (3.94)	122.2 (4.81)	19.1 (0.75)	65.8 (2.59)	103.9 (4.09)	40.4 (1.59)	60.5 (2.38)	-	64.0 (2.52)
	1	167.4 (6.59)	52.3 (2.06)	44.5 (1.75)	35.8 (1.41)	115.8 (4.56)	142.0 (5.59)	22.4 (0.88)	77.0 (3.03)	122.9 (4.84)	46.7 (1.84)	69.1 (2.72)	-	154.7 (6.09)
	1-1/4	193.8 (7.63)	68.3 (2.69)	55.6 (2.19)	47.8 (1.88)	133.4 (5.25)	166.6 (6.56)	27.7 (1.09)	95.3 (3.75)	136.7 (5.38)	54.9 (2.16)	82.6 (3.25)	-	180.1 (7.09)
	1-1/2	209.6 (8.25)	77.0 (3.03)	64.3 (2.53)	55.6 (2.19)	150.9 (5.94)	184.2 (7.25)	31.8 (1.25)	102.4 (4.03)	152.4 (6.00)	57.2 (2.25)	89.7 (3.53)	-	198.4 (7.81)
	2	271.5 (10.69)	95.3 (3.75)	81.0 (3.19)	71.4 (2.81)	204.7 (8.06)	242.8 (9.56)	38.1 (1.50)	124.0 (4.88)	200.2 (7.88)	67.6 (2.66)	108.0 (4.25)	-	257.3 (10.13)
	2-1/2	397.0 (15.63)	125.5 (4.94)	127.0 (5.00)	108.0 (4.25)	276.4 (10.88)	311.2 (12.25)	63.5 (2.50)	168.4 (6.63)	290.6 (11.44)	106.4 (4.19)	169.9 (6.69)	-	354.1 (13.94)
	3	397.0 (15.63)	134.9 (5.31)	127.0 (5.00)	108.0 (4.25)	276.4 (10.88)	311.2 (12.25)	63.5 (2.50)	177.8 (7.00)	290.6 (11.44)	106.4 (4.19)	169.9 (6.69)	-	354.1 (13.94)
	3-1/2	476.3 (18.75)	157.2 (6.19)	158.8 (6.25)	138.2 (5.44)	341.4 (13.44)	381.0 (15.00)	79.5 (3.13)	204.7 (8.06)	349.3 (13.75)	127.0 (5.00)	206.5 (8.13)	-	428.8 (16.88)
	4	476.3 (18.75)	163.6 (6.44)	158.8 (6.25)	138.2 (5.44)	341.4 (13.44)	381.0 (15.00)	79.5 (3.13)	211.1 (8.31)	349.3 (13.75)	127.0 (5.00)	206.5 (8.13)	-	428.8 (16.88)
TB and X	1/2	150.9 (5.94)	49.3 (1.94)	35.1 (1.38)	26.2 (1.03)	83.3 (3.28)	107.2 (4.22)	16.0 (0.63)	69.9 (2.75)	-	39.6 (1.56)	57.2 (2.25)	79.5 (3.13)	128.5 (5.06)
	3/4	166.6 (6.56)	56.4 (2.22)	39.6 (1.56)	31.0 (1.22)	100.1 (3.94)	122.2 (4.81)	19.1 (0.75)	77.0 (3.03)	-	42.2 (1.66)	62.0 (2.44)	84.1 (3.31)	144.5 (5.69)
	1	190.5 (7.50)	62.0 (2.44)	44.5 (1.75)	35.1 (1.38)	115.8 (4.56)	142.0 (5.59)	22.4 (0.88)	85.9 (3.38)	-	46.7 (1.84)	69.1 (2.72)	93.7 (3.69)	165.9 (6.53)
	1-1/4	215.9 (8.50)	68.3 (2.69)	55.6 (2.19)	44.5 (1.75)	133.4 (5.25)	166.6 (6.56)	27.7 (1.09)	95.3 (3.75)	-	-	-	-	191.3 (7.53)
	1-1/2	209.6 (8.25)	77.0 (3.03)	64.3 (2.53)	55.6 (2.19)	150.9 (5.94)	184.2 (7.25)	31.8 (1.25)	102.4 (4.03)	-	-	-	-	198.4 (7.81)
	2	271.5 (10.69)	95.3 (3.75)	81.0 (3.19)	69.9 (2.75)	204.7 (8.06)	242.8 (9.56)	38.1 (1.50)	124.0 (4.88)	-	-	-	-	257.3 (10.13)

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- Larger body size facilitates pulling of large and heavy conductors. Specially designed raised cast covers provide additional wiring area.
- Mogul Unilets™ for pulling straight, 45° or 90° angle turns and/or making taps and splices.

## Features

- Exclusive built-in rollers facilitate cable pulling. Available on NEC 6x8x Series Moguls (C, LB and UB) in sizes 1-1/4" and up.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Covers have captive stainless steel screws to speed installation, prevent "freezing" of screws.
- LB and UB Moguls
  - Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds six times the trade diameter of the conduit per NEC 314.28(A)(2).
  - Bending Space Requirement: these moguls also meet the NEC 314.28(A)(2) Exception requirement spelled out in NEC 312.6(A) Table.
- C Moguls
  - Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds eight times the trade diameter of the conduit per NEC 314.28(A)(1).
  - Bending Space Requirement: not applicable.
- LL and LR Moguls
  - Like LB moguls, these moguls have an end hub.
  - The second hub is in the side (LL left and LR right) instead of the back.
- T Moguls
  - These are like "C" moguls (1" thru 4"), except with an additional middle side hub.
  - Distance between the centerline of each "C" hub conduit stop exceeds eight times the trade diameter of the conduit per NEC 314.28(A)(1). ①

## Standard Materials

- Bodies and covers: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene
- Screws: stainless steel

## Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

## NEC/CEC Certifications and Compliances

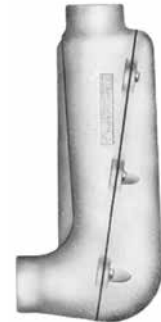
- UL Standard: 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



C Type NEC 8x



LB Type 1" – 2"  
NEC 6x



LB Type 2-1/2" – 4"  
NEC 6x



UB Type NEC 6x



LR Type NEC 6x



LL Type NEC 6x



T Type NEC 8x



Rollers make cable-pulling easier, eliminate insulation damage







① If less than maximum conductors permitted by NEC are used, smaller wires may be used additionally through "LL", "LR" or "T" hubs. If large conductors are required to be bent in "LL", "LR" or "T" direction, order junction boxes instead. See Enclosures and Junction Boxes.



# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)





Type	Hub Size (Inches)	Max. Wire Fill	Body, Cover and Gasket		Gasket Only	Cover and Gasket		
			Malleable Iron	Aluminum		Malleable Iron	Aluminum	
<b>C NEC 8X</b>								
 1" - 2"	1	(3) # 2	BC100-M	BC100-A	BG100	BKG100-M	BKG100-A	
	1-1/4	(3) # 1/0	BC125-M ①	BC125-A ①	BGC125	BKGC125-M	BKGC125-A	
	1-1/2	(3) # 3/0	BC150-M ①	BC150-A ①	BG150	BKG150-M	BKG150-A	
	2	(3) 300	BC200-M ①	BC200-A ①	BGC200	BKGC200-M	BKGC200-A	
 2-1/2" - 4"	2-1/2	(3) 400	BC250-M ①	BC250-A ①	BGC250	BKGC250-M	BKGC250-A	
	3	(3) 700	BC300-M ①	BC300-A ①	BGC300	BKGC300-M	BKGC300-A	
	3-1/2	(3) 900	BC350-M ①	BC350-A ①	BGC350	BKGC350-M	BKGC350-A	
	4	(3) 1000	BC400-M ①	BC400-A ①	BGC400	BKGC400-M	BKGC400-A	
<b>LB NEC 6X</b>								
 1" - 2"	1	(3) # 2	BLB100-M	BLB100-A	BG100	BKG100-M	BKG100-A	
	1-1/4	(3) # 1/0	BLB125-M ①	BLB125-A ①	BGL125	BKGL125-M	BKGL125-A	
	1-1/2	(3) # 3/0	BLB150-M ①	BLB150-A ①	BG150	BKG150-M	BKG150-A	
	2	(3) 300	BLB200-M ①	BLB200-A ①	BGL200	BKGL200-M	BKGL200-A	
 2-1/2" - 4"	2-1/2	(3) 400	BLB250-M ①	BLB250-A ①	BGL250	BKGL250-M	BKGL250-A	
	3	(3) 700	BLB300-M ①	BLB300-A ①	BGL300	BKGL300-M	BKGL300-A	
	3-1/2	(3) 900	BLB350-M ①	BLB350-A ①	BGL350	BKGL350-M	BKGL350-A	
	4	(3) 1000	BLB400-M ①	BLB400-A ①	BGL400	BKGL400-M	BKGL400-A	
<b>UB NEC 6X</b>								
 1" - 2"	1	(3) # 2	BUB100-M	BUB100-A	BG100	BKG100-M	BKG100-A	
	1-1/4	(3) # 1/0	BUB125-M ①	BUB125-A ①	BGL125	BKGL125-M	BKGL125-A	
	1-1/2	(3) # 3/0	BUB150-M ①	BUB150-A ①	BG150	BKG150-M	BKG150-A	
	2	(3) 300	BUB200-M ①	BUB200-A ①	BGL200	BKGL200-M	BKGL200-A	
 2-1/2" - 4"	2-1/2	(3) 400	BUB250-M ①	BUB250-A ①	BGL250	BKGC250-M	BKGC250-A	
	3	(3) 700	BUB300-M ①	BUB300-A ①	BGL300	BKGU300-M	BKGU300-A	
	3-1/2	(3) 900	BUB350-M ①	BUB350-A ①	BGL350	BKGC350-M	BKGC350-A	
	4	(3) 1000	BUB400-M ①	BUB400-A ①	BGL400	BKGU400-M	BKGU400-A	

① Furnished with rollers for easier cable pulling.

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

Type	Hub Size (Inches)	Max. Wire Fill	Body, Cover and Gasket			Cover and Gasket	
			Malleable Iron	Aluminum	Gasket Only	Malleable Iron	Aluminum
<b>LL NEC 6X</b>							
 1" - 2"	1	(3) # 4	BLL100-M	BLL100-A	BG100	BKG100-M	BKG100-A
	1-1/4	(3) # 2	BLL125-M	BLL125-A	BGL125	BKGL125-M	BKGL125-A
	1-1/2	(3) # 1/0	BLL150-M	BLL150-A	BG150	BKG150-M	BKG150-A
	2	(3) # 4/0	BLL200-M	BLL200-A	BGL200	BKGL200-M	BKGL200-A
<b>LR NEC 6X</b>							
 1" - 2"	1	(3) # 4	BLR100-M	BLR100-A	BG100	BKG100-M	BKG100-A
	1-1/4	(3) # 2	BLR125-M	BLR125-A	BGL125	BKGL125-M	BKGL125-A
	1-1/2	(3) #1/0	BLR150-M	BLR150-A	BG150	BKG150-M	BKG150-A
	2	(3) # 4/0	BLR200-M	BLR200-A	BGL200	BKGL200-M	BKGL200-A
<b>T NEC 8X</b>							
 1" - 2"	1	(3) # 4	BT100-M	BT100-A	BG100	BKG100-M	BKG100-A
	1-1/4	(3) # 2	BT125-M	BT125-A	BGC125	BKGC125-M	BKGC125-A
	1-1/2	(3) #1/0	BT150-M	BT150-A	BG150	BKG150-M	BKG150-A
	2	(3) # 4/0	BT200-M	BT200-A	BGC200	BKGC200-M	BKGC200-A
 2-1/2" - 4"	2-1/2	(3) 300	BT250-M	BT250-A	BGC250	BKGC250-M	BKGC250-A
	3	(3) 350	BT300-M	BT300-A	BGC300	BKGC300-M	BKGC300-A
	3-1/2	(3) 350	BT350-M	BT350-A	BGC350	BKGC350-M	BKGC350-A
	4	(3) 350	BT400-M	BT400-A	BGC400	BKGC400-M	BKGC400-A

## Wiring Capacity for Mogul Bodies with Covers: Malleable Iron and Aluminum

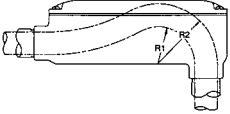
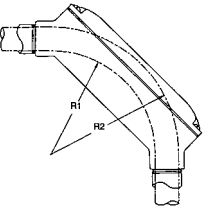
Hub Size (Inches)	Type Mogul	Capacity — dm <sup>3</sup> (in <sup>3</sup> )	Hub Size (Inches)	Type Mogul	Capacity — dm <sup>3</sup> (in <sup>3</sup> )
1	C, LB, LL, LR, T, UB	0.50 (31.00)	2-1/2	C, T	5.49 (335.00)
	C, T	0.82 (50.00)		LB	3.44 (210.00)
1-1/4	LB	0.79 (48.00)		UB	6.15 (375.00)
	LL, LR	0.69 (42.00)	3	C, T	7.78 (475.00)
	UB	0.66 (40.00)		LB	5.65 (345.00)
1-1/2	C, LL, LR, T	1.52 (93.00)		UB	7.29 (445.00)
	LB	1.75 (107.00)	3-1/2	C, T	13.60 (830.00)
	UB	1.49 (91.00)		LB	8.19 (500.00)
2	C, T	2.34 (143.00)		UB	13.77 (840.00)
	LB	2.37 (145.00)	4	C, T	16.55 (1010.00)
	LL, LR, UB	2.20 (134.00)		LB	12.13 (740.00)
				UB	15.73 (960.00)

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

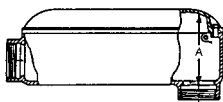
NEC/CEC — Suitable for use in the following Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Bending Radius of Moguls

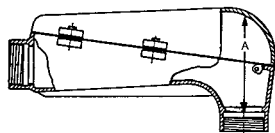
	Type	Catalog Number	Hub Size (Inches)	Millimeters (Inches)	
				R1	R2
 <p>LB Mogul 1" – 2"</p>	LB	BLB100-A,M	1	41.4 (1.63)	66.8 (2.63)
		BLB125-A,M	1-1/4	57.2 (2.25)	92.2 (3.63)
		BLB150-A,M	1-1/2	66.8 (2.63)	104.9 (4.13)
		BLB200-A,M	2	76.2 (3.00)	127.0 (5.00)
		BLB250-A,M	2-1/2	98.6 (3.88)	158.8 (6.25)
		BLB300-A,M	3	127.0 (5.00)	203.2 (8.00)
		BLB350-A,M	3-1/2	127.0 (5.00)	212.9 (8.38)
		BLB400-A,M	4	158.8 (6.25)	260.4 (10.25)
 <p>UB Mogul 1" – 4"</p>	UB	BUB100-A,M	1	114.3 (4.50)	139.7 (5.50)
		BUB125-A,M	1-1/4	117.6 (4.63)	152.4 (6.00)
		BUB150-A,M	1-1/2	177.8 (7.00)	215.9 (8.50)
		BUB200-A,M	2	190.5 (7.50)	241.3 (9.50)
		BUB250-A,M	2-1/2	333.5 (13.13)	393.7 (15.50)
		BUB300-A,M	3	352.6 (13.88)	428.8 (16.88)
		BUB350-A,M	3-1/2	501.7 (19.75)	590.6 (23.25)
		BUB400-A,M	4	527.1 (20.75)	628.7 (24.75)

## Compliances with NEC Bending Space Requirements

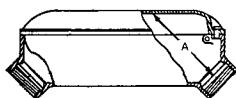
**Bending Space Defined**  
NEC 314.28(A)(2) Exception.  
This article applies to LB and UB Moguls, defines bending space and refers to NEC 312.6(B) Table as guideline for determining minimum bending space distance. Bending space is illustrated as Dimension "A" below:



LB Mogul 1" – 2"



LB Mogul 2-1/2" – 4"



UB Mogul 1" – 4"

Bending Space of Moguls (Dim. "A" in sketches at left)		
Mogul Size	Type	Distance
1	LB, UB	2-1/2"
1-1/4	LB, UB	3-1/2"
1-1/2	LB, UB	4"
2	LB, UB	5"
2-1/2	LB, UB	6"
3	LB, UB	8"
3-1/2	LB, UB	8"
4	LB, UB	10"

**NOTE ON RADIUS TABLE:** Secure cable or wire bending radius from manufacturer. Then select a mogul having this radius or more. If radius is 6-1/4", an LB 2-1/2" mogul or BUB 1-1/2" mogul is suitable.

**NOTE ON NEC 312.6(B) TABLE:** Because cable sizes vary, table is limited to single wire sizes. Use as guideline only for cable sizes.

**Minimum Wire Bending Space**  
NEC 312.6(B) Table: The applicable portion of this table is shown below. Only the "1 Wire Per Terminal" column is retained, because the others are not applicable.  
*Example for using table below and table at right:*  
350MCM wire size requires 5" bending space. A 2" LB or UB Appleton™ Mogul is suitable.

AWG or Circular-Mill. Size of Wire	1 Wire per Terminal Min. Bending Space
14-10	Not Specified
8-6	1-1/2"
4-3	2"
2	2-1/2"
1	3"
0-00	3-1/2"
000-0000	4"
250 MCM	4-1/2"
300-350 MCM	5"
400-500 MCM	6"
600-700 MCM	8"
750-900 MCM	8"
1,000-1,250 MCM	10"
1,500-2,000 MCM	12"

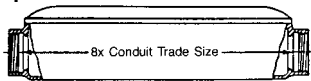
# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

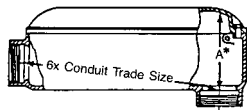
NEC/CEC — Suitable for use in the following Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applicable NEC References for C, LB and UB Moguls

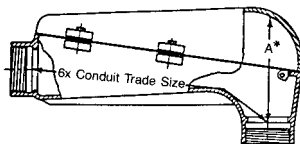
- Straight Pull Length Requirements:** NEC 314.28(A)(2)— C Moguls "... shall not be less than eight times the trade diameter of the largest raceway." (See table at right.)
- Angle or U Pull Length Requirements:** NEC 314.28(A)(2)— LB, UB Moguls "The distance between each raceway entry inside the box and the opposite wall of the box shall not be less than six times the trade diameter of the largest raceway." (See next page.)
- Bending-Space Requirements:** NEC 314.28(A)(2). Exception 312.6(A) Table— LB, UB Moguls "Where a conduit or cable entry is in the wall of a box or conduit body opposite to a removable cover." (See dim. "A", table right)
- Length and Bending Space Requirements:**



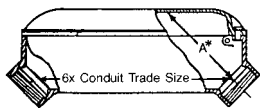
C Mogul— 1" thru 4"



LB Mogul— 1" thru 2"



LB Mogul— 2-1/2" thru 4"



UB Mogul— 1" thru 4"

**BENDING SPACE EXAMPLE:** LB with 3" hubs (Cat. No. BLB300-M) using 500 MCM wire with four conductors.

Table on next page shows that, in this example, NEC requires a bending space of 6" and that the Appleton™ 3" LB provides a bending space of 8".

## C Moguls — Straight Pulls: Maximum Number of Conductors, Minimum Lengths

Wire Size ①	Length Requirements (Conduit Stop to Conduit Stop)			Length Requirements (Conduit Stop to Conduit Stop)		
	Maximum Number of Conductors per NEC ②	Per NEC ③	Appleton™	Maximum Number of Conductors per NEC ②	Per NEC ③	Appleton™
<b>1" Hubs — BC100-M and BC100-A</b>						
4	4	8"	8"	7	10"	10"
3	3	8"	8"	6	10"	10"
2	3	8"	8"	5	10"	10"
1	-	-	-	3	10"	10"
0	-	-	-	3	10"	10"
<b>1-1/2" Hubs — BC150-M and BC150-A</b>						
4	9	12"	12"	16	16"	16"
3	8	12"	12"	13	16"	16"
2	7	12"	12"	11	16"	16"
1	5	12"	12"	8	16"	16"
0	4	12"	12"	7	16"	16"
00	3	12"	12"	6	16"	16"
000	3	12"	12"	5	16"	16"
0000	-	-	-	4	16"	16"
250	-	-	-	3	16"	16"
300	-	-	-	3	16"	16"
<b>2-1/2" Hubs — BC250-M and BC250-A</b>						
4	22	20"	20"	35	24"	24"
3	19	20"	20"	29	24"	24"
2	16	20"	20"	25	24"	24"
1	12	20"	20"	18	24"	24"
0	10	20"	20"	15	24"	24"
00	8	20"	20"	13	24"	24"
000	7	20"	20"	11	24"	24"
0000	6	20"	20"	9	24"	24"
250	4	20"	20"	7	24"	24"
300	4	20"	20"	6	24"	24"
350	3	15"	20"	5	24"	24"
400	3	15"	20"	5	24"	24"
500	-	-	-	4	24"	24"
600	-	-	-	3	24"	24"
700	-	-	-	3	24"	24"
<b>3-1/2" Hubs — BC350-M and BC400-A</b>						
4	47	28"	28"	60	32"	32"
3	39	28"	28"	51	32"	32"
2	33	28"	28"	43	32"	32"
1	25	28"	28"	32	32"	32"
0	21	28"	28"	27	32"	32"
00	17	28"	28"	32	32"	32"
000	14	28"	28"	18	32"	32"
0000	12	28"	28"	15	32"	32"
250	10	28"	28"	12	32"	32"
300	8	28"	28"	11	32"	32"
350	7	28"	28"	9	32"	32"
400	6	28"	28"	8	32"	32"
500	5	28"	28"	7	32"	32"
600	4	28"	28"	5	32"	32"
700	4	28"	28"	5	32"	32"
750	3	28"	28"	4	32"	32"
800	3	28"	28"	4	32"	32"
900	3	28"	28"	4	32"	32"
1000	-	-	-	3	32"	32"

① NEC 314.28(A), 314(A)(2). Limited to minimum #4 wire.

② NEC Chapter 9, Table 3B.

③ NEC 370.28(A)(1). This is 8 times conduit trade size.

\* Dimension "A" is bending space.

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following  
 Hazardous Locations:  
 Class I, Division 2 per NEC 501.10(B)(4)

## LB and UB Moguls- Angle or U Pulls: Max. No. Conductors, Min. Lengths, Min. Bending Spaces

Wire Size ①	Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop)		(A) Bending Space Requirements		Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop)		(A) Bending Space Requirements		
		Per NEC ③	Appleton™	Per NEC ③	Appleton™		Per NEC ③	Appleton™			
<b>1" Hubs – BLB100-M, BLB100-A, BUB100-M and BUB100-A</b>						<b>1-1/4" Hubs – BLB125-M, BLB125-A, BUB125-M and BUB200-A</b>					
4	4	6"	6"	2"	2-1/2"	7	7-1/2"	7-1/2"	2"	3-1/2"	
3	3	6"	6"	2"	2-1/2"	6	7-1/2"	7-1/2"	2"	3-1/2"	
2	3	6"	6"	2-1/2"	2-1/2"	5	7-1/2"	7-1/2"	2-1/2"	3-1/2"	
1	-	-	-	-	-	3	7-1/2"	7-1/2"	3"	3-1/2"	
0	-	-	-	-	-	3	7-1/2"	7-1/2"	3-1/2"	3-1/2"	
<b>1-1/2" Hubs – BLB150-M, BLB150-A, BUB150-M and BUB150-A</b>						<b>2" Hubs – BLB200-M, BLB200-A, BUB200-M and BUB200-A</b>					
4	9	9"	9"	2"	4"	16	12"	12"	2"	5"	
3	8	9"	9"	2"	4"	13	12"	12"	2"	5"	
2	7	9"	9"	2-1/2"	4"	11	12"	12"	2-1/2"	5"	
1	5	9"	9"	3"	4"	8	12"	12"	3"	5"	
0	4	9"	9"	3-1/2"	4"	7	12"	12"	3-1/2"	5"	
00	3	9"	9"	3-1/2"	4"	6	12"	12"	3-1/2"	5"	
000	3	9"	9"	4"	4"	5	12"	12"	4"	5"	
0000	-	-	-	-	-	4	12"	12"	4"	5"	
250	-	-	-	-	-	3	12"	12"	4-1/2"	5"	
300	-	-	-	-	-	3	12"	12"	5"	5"	
<b>2-1/2" Hubs – BLB250-M, BLB250-A, BUB250-M and BUB250-A</b>						<b>3" Hubs – BLB300-M, BLB300-A, BUB300-M and BUB300-A</b>					
4	22	15"	15"	2"	6"	35	18"	18"	2"	8"	
3	19	15"	15"	2"	6"	29	18"	18"	2"	8"	
2	16	15"	15"	2-1/2"	6"	25	18"	18"	2-1/2"	8"	
1	12	15"	15"	3"	6"	18	18"	18"	3"	8"	
0	10	15"	15"	3-1/2"	6"	15	18"	18"	3-1/2"	8"	
00	8	15"	15"	3-1/2"	6"	13	18"	18"	3-1/2"	8"	
000	7	15"	15"	4"	6"	11	18"	18"	4"	8"	
0000	6	15"	15"	4"	6"	9	18"	18"	4"	8"	
250	4	15"	15"	4-1/2"	6"	7	18"	18"	4-1/2"	8"	
300	4	15"	15"	5"	6"	6	18"	18"	5"	8"	
350	3	15"	15"	5"	6"	5	18"	18"	5"	8"	
400	3	15"	15"	6"	6"	5	18"	18"	6"	8"	
500	-	-	-	-	-	4	18"	18"	6"	8"	
600	-	-	-	-	-	3	18"	18"	8"	8"	
700	-	-	-	-	-	3	18"	18"	8"	8"	
<b>3-1/2" Hubs – BLB350-M, BLB350-A, BUB350-M and BUB350-A</b>						<b>4" Hubs – BLB400-M, BLB400-A, BUB400-M and BUB400-A</b>					
4	47	21"	21"	2"	8"	60	24"	24"	2"	10"	
3	39	21"	21"	2"	8"	51	24"	24"	2"	10"	
2	33	21"	21"	2-1/2"	8"	43	24"	24"	2-1/2"	10"	
1	25	21"	21"	3"	8"	32	24"	24"	3"	10"	
0	21	21"	21"	3-1/2"	8"	27	24"	24"	3-1/2"	10"	
00	17	21"	21"	3-1/2"	8"	22	24"	24"	3-1/2"	10"	
000	14	21"	21"	4"	8"	18	24"	24"	4"	10"	
0000	12	21"	21"	4"	8"	15	24"	24"	4"	10"	
250	10	21"	21"	4-1/2"	8"	12	24"	24"	4-1/2"	10"	
300	8	21"	21"	5"	8"	11	24"	24"	5"	10"	
350	7	21"	21"	5"	8"	9	24"	24"	5"	10"	
400	6	21"	21"	6"	8"	8	24"	24"	6"	10"	
500	5	21"	21"	6"	8"	7	24"	24"	6"	10"	
600	4	21"	21"	8"	8"	5	24"	24"	8"	10"	
700	4	21"	21"	8"	8"	5	24"	24"	8"	10"	
750	3	21"	21"	8"	8"	4	24"	24"	8"	10"	
800	3	21"	21"	8"	8"	4	24"	24"	8"	10"	
900	3	21"	21"	8"	8"	4	24"	24"	8"	10"	
1000	-	-	-	-	-	3	24"	24"	10"	10"	

① NEC 314.28(A). Limited to minimum #4 wire.

② NEC Chapter 9, Table 3B.

③ NEC 314.28(A)(2) This is 6 times conduit trade size.

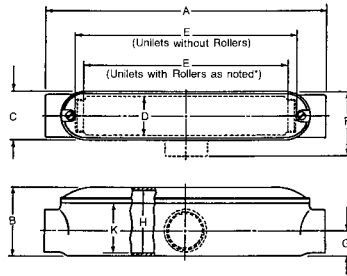
④ NEC 314.28(A)(2) Exception (312.6(B) Table). This is distance "A" bending space illustrated on preceding page.

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

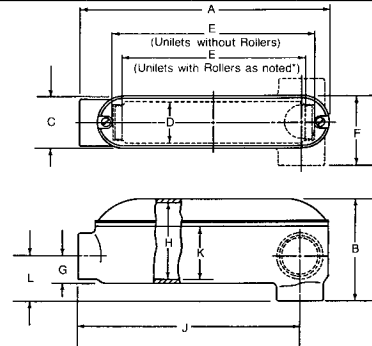
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NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Types C, T



Types LB, LL, LR

Type Mogul	Hub Trade Size (Inches)	Dimensions in Millimeters (Inches)										Number of Cover Holes
		A	B	C	D	E	F	G	H	J	K	
C	1	249.2 (9.81)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	—	23.9 (0.94)	62.0 (2.44)	—	47.8 (1.88)	2
	1-1/4 ①	304.8 (12.00)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	195.3 (7.69)	—	29.5 (1.16)	76.2 (3.00)	—	55.6 (2.19)	2
	1-1/2 ①	354.1 (13.94)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	—	35.1 (1.38)	85.9 (3.38)	—	65.0 (2.56)	2
	2 ①	455.7 (17.94)	112.8 (4.44)	79.5 (3.13)	63.5 (2.50)	330.2 (13.00)	—	41.4 (1.63)	101.6 (4.00)	—	80.8 (3.18)	2
	2-1/2 ①	590.6 (23.25)	130.3 (5.13)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	—	46.0 (1.81)	117.6 (4.63)	—	92.2 (3.63)	4
	3 ①	682.8 (26.88)	150.9 (5.94)	117.6 (4.63)	92.2 (3.63)	533.4 (21.00)	—	54.9 (2.16)	138.2 (5.44)	—	111.3 (4.38)	4
	3-1/2 ①	797.1 (31.38)	182.6 (7.19)	143.0 (5.63)	114.3 (4.50)	633.5 (24.94)	—	63.5 (2.50)	169.9 (6.69)	—	124.0 (4.88)	4
	4 ①	898.7 (35.38)	192.0 (7.56)	143.0 (5.63)	114.3 (4.50)	735.1 (28.94)	—	69.9 (2.75)	179.3 (7.06)	—	133.4 (5.25)	4
T	1	249.2 (9.81)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	82.6 (3.25)	23.9 (0.94)	62.0 (2.44)	—	47.8 (1.88)	2
	1-1/4	304.8 (12.00)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	217.4 (8.56)	85.9 (3.38)	29.5 (1.16)	76.2 (3.00)	—	55.6 (2.19)	2
	1-1/2	354.1 (13.94)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	263.7 (10.38)	104.9 (4.13)	35.1 (1.38)	85.9 (3.38)	—	65.0 (2.56)	2
	2	455.7 (17.94)	112.8 (4.44)	79.5 (3.13)	63.5 (2.50)	358.9 (14.13)	104.9 (4.13)	41.4 (1.63)	101.6 (4.00)	—	80.8 (3.18)	2
	2-1/2	590.6 (23.25)	130.3 (5.13)	117.6 (4.63)	95.3 (3.75)	474.7 (18.69)	152.4 (6.00)	46.0 (1.81)	117.6 (4.63)	—	92.2 (3.63)	4
	3	682.8 (26.88)	150.9 (5.94)	117.6 (4.63)	92.2 (3.63)	563.6 (22.19)	152.4 (6.00)	54.9 (2.16)	138.2 (5.44)	—	111.3 (4.38)	4
	3-1/2	797.1 (31.38)	182.6 (7.19)	143.0 (5.63)	114.3 (4.50)	665.2 (26.19)	184.2 (7.25)	63.5 (2.50)	169.9 (6.69)	—	124.0 (4.88)	4
	4	898.7 (35.38)	192.0 (7.56)	143.0 (5.63)	114.3 (4.50)	766.8 (30.19)	184.2 (7.25)	69.9 (2.75)	179.3 (7.06)	—	133.4 (5.25)	4
LL, LR	1	227.1 (8.94)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	82.6 (3.25)	23.9 (0.94)	62.0 (2.44)	200.2 (7.88)	47.8 (1.88)	2
	1-1/4	246.1 (9.69)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	184.2 (7.25)	85.9 (3.38)	29.5 (1.16)	76.2 (3.00)	215.9 (8.50)	55.6 (2.19)	2
	1-1/2	330.2 (13.00)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	263.7 (10.38)	104.9 (4.13)	35.1 (1.38)	85.9 (3.38)	295.4 (11.63)	65.0 (2.56)	2
	2	371.6 (14.63)	127.0 (5.00)	79.5 (3.13)	63.5 (2.50)	300.0 (11.81)	104.9 (4.13)	41.4 (1.63)	115.8 (4.56)	328.7 (12.94)	87.4 (3.44)	2

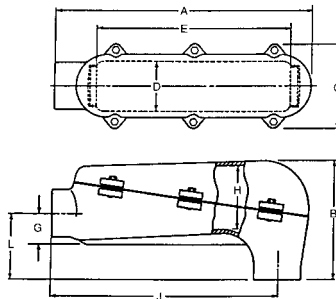
① Furnished with rollers for easier cable pulling.

# NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

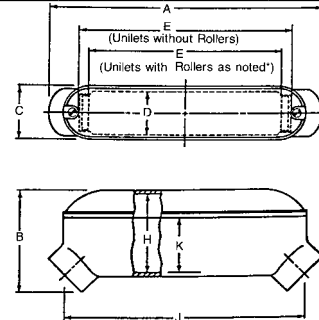
For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensions in Millimeters (Inches)



Type LB – 2-1/2" thru 4"



Type UB

Type Mogul	Hub Trade Size (Inches)	Dimensions in Millimeters (Inches)										Number of Cover Holes
		A	B	C	D	E	G	H	J	K	L	
LB	1	227.1 (8.94)	92.2 (3.63)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	23.9 (0.94)	62.0 (2.44)	200.2 (7.88)	47.8 (1.88)	47.8 (1.88)	2
	1-1/4 ①	246.1 (9.69)	120.7 (4.75)	60.5 (2.38)	47.8 (1.88)	160.3 (6.31)	29.5 (1.16)	87.4 (3.44)	215.9 (8.50)	66.8 (2.63)	54.9 (2.16)	2
	1-1/2 ①	330.2 (13.00)	133.4 (5.25)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	35.1 (1.38)	100.1 (3.94)	295.4 (11.63)	77.7 (3.06)	60.5 (2.38)	2
	2 ①	371.6 (14.63)	160.3 (6.31)	79.5 (3.13)	63.5 (2.50)	273.1 (10.75)	41.4 (1.63)	124.0 (4.88)	328.7 (12.94)	87.4 (3.44)	68.3 (2.69)	2
	2-1/2 ①	454.2 (17.88)	203.2 (8.00)	149.4 (5.88)	88.9 (3.50)	349.3 (13.75)	54.1 (2.13)	104.9 (4.13)	401.6 (15.81)	-	115.8 (4.56)	6
	3 ①	534.9 (21.06)	254.0 (10.00)	149.4 (5.88)	88.9 (3.50)	431.8 (17.00)	63.5 (2.50)	130.3 (5.13)	469.9 (18.50)	-	136.7 (5.38)	6
	3-1/2 ①	617.5 (24.31)	260.4 (10.25)	177.8 (7.00)	117.6 (4.63)	505.0 (19.88)	76.2 (3.00)	120.7 (4.75)	543.1 (21.38)	-	168.4 (6.63)	6
	4 ①	698.5 (27.50)	317.5 (12.50)	177.8 (7.00)	117.6 (4.63)	584.2 (23.00)	82.6 (3.25)	162.1 (6.38)	619.3 (24.38)	-	177.8 (7.00)	6
UB	1	244.6 (9.63)	88.9 (3.50)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	-	62.0 (2.44)	214.4 (8.44)	47.8 (1.88)	-	2
	1-1/4 ①	260.4 (10.25)	104.9 (4.13)	60.5 (2.38)	47.8 (1.88)	160.3 (6.31)	-	76.2 (3.00)	227.1 (8.94)	55.6 (2.19)	-	2
	1-1/2 ①	347.7 (13.69)	117.6 (4.63)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	-	85.9 (3.38)	309.6 (12.19)	65.0 (2.56)	-	2
	2 ①	387.4 (15.25)	127.0 (5.00)	79.5 (3.13)	63.5 (2.50)	273.1 (10.75)	-	115.8 (4.56)	339.9 (13.38)	80.8 (3.18)	-	2
	2-1/2 ①	581.2 (22.88)	179.3 (7.06)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	-	138.2 (5.44)	511.3 (20.13)	111.3 (4.38)	-	4
	3 ①	581.2 (22.88)	185.7 (7.31)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	-	173.0 (6.81)	511.3 (20.13)	111.3 (4.38)	-	4
	3-1/2 ①	784.4 (30.88)	261.9 (10.31)	143.0 (5.63)	114.3 (4.50)	632.0 (24.88)	-	214.4 (8.44)	698.5 (27.50)	133.4 (5.25)	-	4
	4 ①	784.4 (30.88)	261.9 (10.31)	143.0 (5.63)	114.3 (4.50)	632.0 (24.88)	-	214.4 (8.44)	698.5 (27.50)	133.4 (5.25)	-	4

① Furnished with rollers for easier cable pulling.

# Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Applications

- To provide access to large and heavy conductors for pulling, splicing, maintenance and future changes / upgrades
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

## Standard Materials

- Malleable iron
- Chromate
- Copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene
- Cover screws: stainless steel

## Standard Finishes

- Zinc electroplated
- Epoxy powder coat

## Options

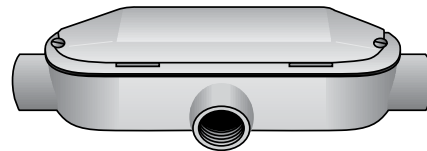
- For additional corrosion protection, specify Hot Dip Galvanized: add suffix **-G** to Malleable Iron Catalog Number.

## NEC/CEC Certifications and Compliances

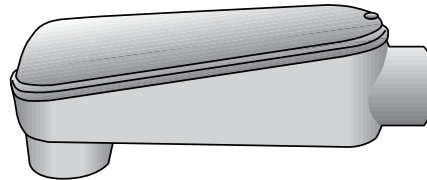
- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Suitable for wet locations when used with gasketed covers.
- Fed Spec: A-A-50563
- NEMA: FB-1, FB-2.10



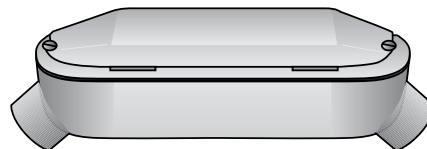
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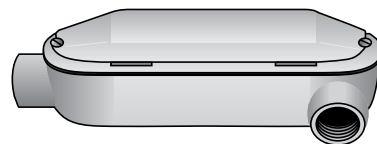
Type T8X



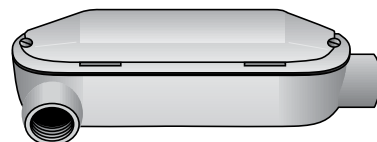
Type LB6X



Type UB6X



Type LL6X




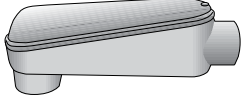
Type LR6X




# Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class 1, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	Max. Wire Fill	C8X		Max. Wire Fill	LB6X		
		Malleable Iron	Aluminum		Malleable Iron	Aluminum	
							
1	(3) # 2	<b>C8X-100M</b>	<b>C8X-100MA</b>	(3) # 2	<b>LB6X-100M</b>	<b>LB6X-100MA</b>	
1-1/4	(3) # 1/0	<b>C8X-125M</b> ①	<b>C8X-125MA</b> ①	(3) # 1/0	<b>LB6X-125M</b> ①	<b>LB6X-125MA</b> ①	
1-1/2	(3) # 3/0	<b>C8X-150M</b> ①	<b>C8X-150MA</b> ①	(3) # 3/0	<b>LB6X-150M</b> ①	<b>LB6X-150MA</b> ①	
2	(3) 300	<b>C8X-200M</b> ①	<b>C8X-200MA</b> ①	(3) 300	<b>LB6X-200M</b> ①	<b>LB6X-200MA</b> ①	
2-1/2	(3) 400	<b>C8X-250M</b> ①	<b>C8X-250MA</b> ①	(3) 400	<b>LB6X-250M</b> ①	<b>LB6X-250MA</b> ①	
3	(3) 700	<b>C8X-300M</b> ①	<b>C8X-300MA</b> ①	(3) 700	<b>LB6X-300M</b> ①	<b>LB6X-300MA</b> ①	
3-1/2	(3) 900	<b>C8X-350M</b> ①	<b>C8X-350MA</b> ①	(3) 900	<b>LB6X-350M</b> ①	<b>LB6X-350MA</b> ①	
4	(3) 1000	<b>C8X-400M</b> ①	<b>C8X-400MA</b> ①	(3) 1000	<b>LB6X-400M</b> ①	<b>LB6X-400MA</b> ①	

Trade Size (Inches)	Max. Wire Fill	LL6X	
		Malleable Iron	Aluminum
			
1	(3) # 4	<b>LL6X-100M</b>	<b>LL6X-100MA</b>
1-1/4	(3) # 2	<b>LL6X-125M</b>	<b>LL6X-125MA</b>
1-1/2	(3) # 1/0	<b>LL6X-150M</b>	<b>LL6X-150MA</b>
2	(3) # 4/0	<b>LL6X-200M</b>	<b>LL6X-200MA</b>
2-1/2	—	—	—
3	—	—	—
3-1/2	—	—	—
4	—	—	—

① Furnished with rollers for easier cable pulling.


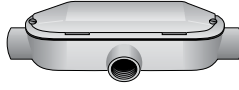
# Mogul Conduit Bodies, Covers and Gaskets


For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	Max. Wire Fill	LR6X		Max. Wire Fill	T8X	
		Malleable Iron	Aluminum		Malleable Iron	Aluminum
						
1	(3) # 4	LR6X-100M	LR6X-100MA	(3) # 4	T8X-100M	T8X-100MA
1-1/4	(3) # 2	LR6X-125M	LR6X-125MA	(3) # 2	T8X-125M	T8X-125MA
1-1/2	(3) #1/0	LR6X-150M	LR6X-150MA	(3) #1/0	T8X-150M	T8X-150MA
2	(3) # 4/0	LR6X-200M	LR6X-200MA	(3) # 4/0	T8X-200M	T8X-200MA
2-1/2	—	—	—	(3) 300	T8X-250M	T8X-250MA
3	—	—	—	(3) 350	T8X-300M	T8X-300MA
3-1/2	—	—	—	(3) 350	T8X-350M	T8X-350MA
4	—	—	—	(3) 350	T8X-400M	T8X-400MA

Trade Size (Inches)	Max. Wire Fill	UB6X	
		Malleable Iron	Aluminum
			
1	(3) # 2	UB6X-100M	UB6X-100MA
1-1/4	(3) # 1/0	UB6X-125M <sup>①</sup>	UB6X-125MA <sup>①</sup>
1-1/2	(3) # 3/0	UB6X-150M <sup>①</sup>	UB6X-150MA <sup>①</sup>
2	(3) 300	UB6X-200M <sup>①</sup>	UB6X-200MA <sup>①</sup>
2-1/2	(3) 400	UB6X-250M <sup>①</sup>	UB6X-250MA <sup>①</sup>
3	(3) 700	UB6X-300M <sup>①</sup>	UB6X-300MA <sup>①</sup>
3-1/2	(3) 900	UB6X-350M <sup>①</sup>	UB6X-350MA <sup>①</sup>
4	(3) 1000	UB6X-400M <sup>①</sup>	UB6X-400MA <sup>①</sup>

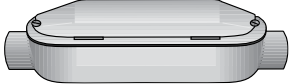









<sup>①</sup> Furnished with rollers for easier cable pulling.

# Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Replacement Gaskets and Covers/Gasket Assemblies

Used With	Trade Size (Inches)	Gasket Only	Cover, Gasket and Cover Screws		No. of Screws		
			Malleable Iron	Aluminum			
C8X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGC125	MKGC125-M	MKGC125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGC200	MKGC200-M	MKGC200-A	2	2-1/2" – 4"	
	2-1/2	MGC250	MKGC250-M	MKGC250-A	4		
	3	MGC300	MKGC300-M	MKGC300-A	4		
	3-1/2	MGC350	MKGC350-M	MKGC350-A	4		
4	MGC400	MKGC400-M	MKGC400-A	4			
T8X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGC125	MKGC125-M	MKGC125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGC200	MKGC200-M	MKGC200-A	2	2-1/2" – 4"	
	2-1/2	MGC250	MKGC250-M	MKGC250-A	4		
	3	MGC300	MKGC300-M	MKGC300-A	4		
	3-1/2	MGC350	MKGC350-M	MKGC350-A	4		
4	MGC400	MKGC400-M	MKGC400-A	4			
LB6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2	2-1/2" – 4"	
	2-1/2	MGL250	MKGL250-M	MKGL250-A	6		
	3	MGL300	MKGL300-M	MKGL300-A	6		
	3-1/2	MGL350	MKGL350-M	MKGL350-A	6		
4	MGL400	MKGL400-M	MKGL400-A	6			
UB6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2	2-1/2" – 4"	
	2-1/2	MGL250	MKGL250-M	MKGL250-A	4		
	3	MGL300	MKGL300-M	MKGL300-A	4		
	3-1/2	MGL350	MKGL350-M	MKGL350-A	4		
4	MGL400	MKGL400-M	MKGL400-A	4			
LL6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
LR6X Series	2	MGL200	MKGL200-M	MKGL200-A	2	1" – 2"	
	1	MG100	MKG100-M	MKG100-A	2		
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2		

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COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

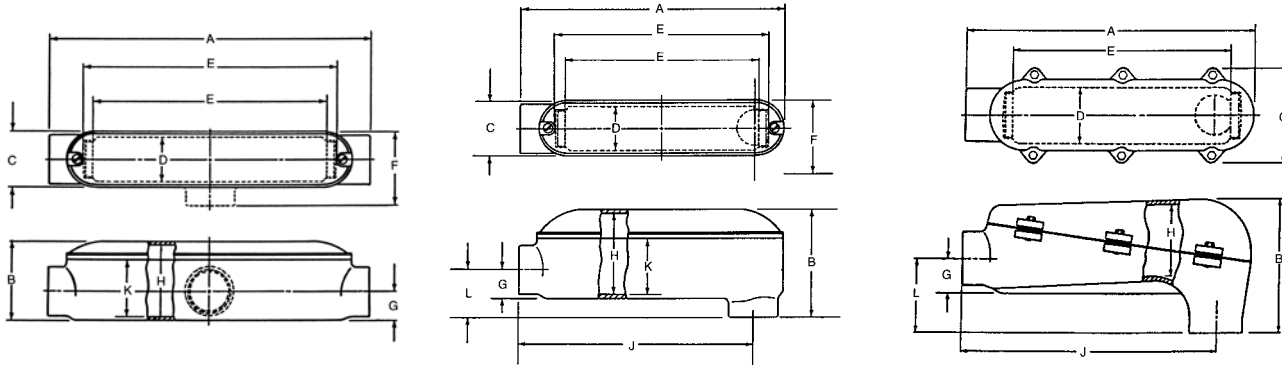
# Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensional Data

### Mogul Types C, T, and LB



Types C and T

Type LB (1" to 2")

Type LB (2-1/2" thru 4")

Dimensions in Millimeters (Inches)

Type Mogul	Trade Size (Inches)	Cubic Inch Capacity	A	B	C	D	E	F	G	H	J	K	L
C	1	31	249.17 (9.81)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	—	23.88 (0.94)	61.98 (2.44)	—	47.75 (1.88)	—
	1-1/4 Ⓞ	50	304.80 (12.00)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	195.33 (7.69)	—	29.46 (1.16)	76.20 (3.00)	—	55.63 (2.19)	—
	1-1/2 Ⓞ	93	354.08 (13.94)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	—	35.05 (1.38)	85.85 (3.38)	—	65.02 (2.56)	—
	2 Ⓞ	143	455.68 (17.94)	112.78 (4.44)	79.50 (3.13)	63.50 (2.50)	330.20 (13.00)	—	41.40 (1.63)	101.60 (4.00)	—	80.77 (3.18)	—
	2-1/2 Ⓞ	335	590.55 (23.25)	130.30 (5.13)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	—	45.97 (1.81)	117.60 (4.63)	—	92.20 (3.63)	—
	3 Ⓞ	475	682.75 (26.88)	150.88 (5.94)	117.60 (4.63)	92.20 (3.63)	533.40 (21.00)	—	54.86 (2.16)	138.18 (5.44)	—	111.25 (4.38)	—
	3-1/2 Ⓞ	830	797.05 (31.38)	182.63 (7.19)	143.00 (5.63)	114.30 (4.50)	633.48 (24.94)	—	63.50 (2.50)	169.93 (6.69)	—	123.95 (4.88)	—
	4 Ⓞ	1010	898.65 (35.38)	192.02 (7.56)	143.00 (5.63)	114.30 (4.50)	735.08 (28.94)	—	69.85 (2.75)	179.32 (7.06)	—	133.35 (5.25)	—
T	1	31	249.17 (9.81)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	82.55 (3.25)	23.88 (0.94)	61.98 (2.44)	—	47.75 (1.88)	—
	1-1/4 Ⓞ	50	304.80 (12.00)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	217.42 (8.56)	85.85 (3.38)	29.46 (1.16)	76.20 (3.00)	—	55.63 (2.19)	—
	1-1/2 Ⓞ	93	354.08 (13.94)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	263.65 (10.38)	104.90 (4.13)	35.05 (1.38)	85.85 (3.38)	—	65.02 (2.56)	—
	2	143	455.68 (17.94)	112.78 (4.44)	79.50 (3.13)	63.50 (2.50)	358.90 (14.13)	104.90 (4.13)	41.40 (1.63)	101.60 (4.00)	—	80.77 (3.18)	—
	2-1/2	335	590.55 (23.25)	130.30 (5.13)	117.60 (4.63)	95.25 (3.75)	474.73 (18.69)	152.40 (6.00)	45.97 (1.81)	117.60 (4.63)	—	92.20 (3.63)	—
	3	475	682.75 (26.88)	150.88 (5.94)	117.60 (4.63)	92.20 (3.63)	563.63 (22.19)	152.40 (6.00)	54.86 (2.16)	138.18 (5.44)	—	111.25 (4.38)	—
	3-1/2	830	797.05 (31.38)	182.63 (7.19)	143.00 (5.63)	114.30 (4.50)	665.23 (26.19)	184.15 (7.25)	63.50 (2.50)	169.93 (6.69)	—	123.95 (4.88)	—
	4	1010	898.65 (35.38)	192.02 (7.56)	143.00 (5.63)	114.30 (4.50)	766.83 (30.19)	184.15 (7.25)	69.85 (2.75)	179.32 (7.06)	—	133.35 (5.25)	—
LB	1	31	227.08 (8.94)	92.20 (3.63)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	—	23.88 (0.94)	61.98 (2.44)	200.15 (7.88)	47.75 (1.88)	47.75 (1.88)
	1-1/4 Ⓞ	48	246.13 (9.69)	120.65 (4.75)	60.45 (2.38)	47.75 (1.88)	160.27 (6.31)	—	29.46 (1.16)	87.38 (3.44)	215.90 (8.5)	66.80 (2.63)	54.86 (2.16)
	1-1/2 Ⓞ	107	330.20 (13.00)	133.35 (5.25)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	—	35.05 (1.38)	100.08 (3.94)	295.40 (11.63)	77.72 (3.06)	60.45 (2.38)
	2 Ⓞ	145	371.60 (14.63)	160.27 (6.31)	79.50 (3.13)	63.50 (2.50)	273.05 (10.75)	—	41.40 (1.63)	123.95 (4.88)	328.68 (12.94)	87.38 (3.44)	68.33 (2.69)
	2-1/2 Ⓞ	210	454.15 (17.88)	203.20 (8.00)	149.35 (5.88)	88.90 (3.50)	349.25 (13.75)	—	54.10 (2.13)	104.90 (4.13)	401.57 (15.81)	—	115.82 (4.56)
	3 Ⓞ	345	534.92 (21.06)	254.00 (10.00)	149.35 (5.88)	88.90 (3.50)	431.80 (17.00)	—	63.50 (2.50)	130.30 (5.13)	469.90 (18.5)	—	136.65 (5.38)
	3-1/2 Ⓞ	500	617.47 (24.31)	260.35 (10.25)	177.80 (7.00)	117.60 (4.63)	504.95 (19.88)	—	76.20 (3.00)	120.65 (4.75)	543.05 (21.38)	—	168.40 (6.63)
	4 Ⓞ	740	698.50 (27.50)	317.50 (12.50)	177.80 (7.00)	117.60 (4.63)	584.20 (23.00)	—	82.55 (3.25)	162.05 (6.38)	619.25 (24.38)	—	177.80 (7.00)

Ⓞ Furnished with rollers for easier cable pulling.

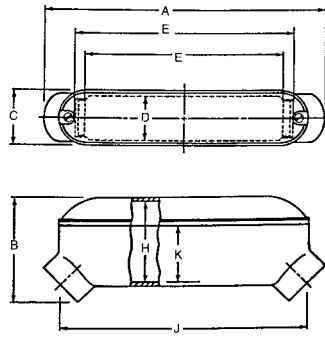
# Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

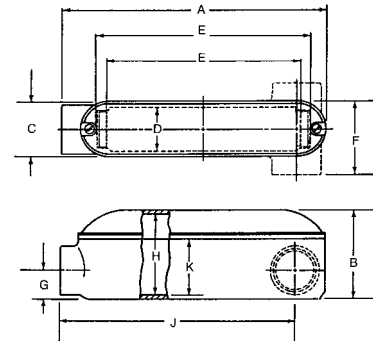
NEC/CEC — Suitable for use in the following  
Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(4)

## Dimensional Data

### Mogul Types UB, LL, and LR



Types UB



Types LL and LR

Type Mogul	Trade Size (Inches)	Cubic Inch Capacity	Dimensions in Millimeters (Inches)										
			A	B	C	D	E	F	G	H	J	K	L
UB	1	31	244.60 (9.63)	88.90 (3.50)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	-	-	61.98 (2.44)	214.38 (8.44)	47.75 (1.88)	-
	1-1/4 ①	40	260.35 (10.25)	104.90 (4.13)	60.45 (2.38)	47.75 (1.88)	160.27 (6.31)	-	-	76.20 (3.00)	227.08 (8.94)	55.63 (2.19)	-
	1-1/2 ①	91	347.73 (13.69)	117.60 (4.63)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	-	-	85.85 (3.38)	309.63 (12.19)	65.02 (2.56)	-
	2 ①	134	387.35 (15.25)	127.00 (5.00)	79.50 (3.13)	63.50 (2.50)	273.05 (10.75)	-	-	115.82 (4.56)	339.85 (13.38)	80.77 (3.18)	-
	2-1/2 ①	375	581.15 (22.88)	179.32 (7.06)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	-	-	138.18 (5.44)	511.30 (20.13)	111.25 (4.38)	-
	3 ①	445	581.15 (22.88)	185.67 (7.31)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	-	-	172.97 (6.81)	511.30 (20.13)	111.25 (4.38)	-
	3-1/2 ①	840	784.35 (30.88)	227.08 (8.94)	143.00 (5.63)	114.30 (4.50)	631.95 (24.88)	-	-	179.32 (7.06)	698.50 (27.50)	133.35 (5.25)	-
LL, LR	1	31	227.08 (8.94)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	82.55 (3.25)	23.88 (0.94)	61.98 (2.44)	200.15 (7.88)	47.75 (1.88)	-
	1-1/4	42	246.13 (9.69)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	184.15 (7.25)	85.85 (3.38)	29.46 (1.16)	76.20 (3.00)	215.90 (8.50)	55.63 (2.19)	-
	1-1/2	93	330.20 (13.00)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	263.65 (10.38)	104.90 (4.13)	35.05 (1.38)	85.85 (3.38)	295.40 (11.63)	65.02 (2.56)	-
	2	134	371.60 (14.63)	127.00 (5.00)	79.50 (3.13)	63.50 (2.50)	299.97 (11.81)	104.90 (4.13)	41.40 (1.63)	115.82 (4.56)	328.68 (12.94)	87.38 (3.44)	-

① Furnished with rollers for easier cable pulling.

# LBD and LBDN Pulling Fittings

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Cover and Gasket.

NEC/CEC:  
Listed for Ordinary Locations

## Features

- Serve as pulling fittings — ideal for heavy, difficult to bend conductors.
- Make 90° bends in conduit — straight pull through hubs in either direction.
- Use as service entrance fitting.
- Complete with gasketed covers.

## Standard Materials

- Unilets™ and covers: malleable iron or copperfree (4/10 of 1% max.) aluminum
- LBD gasket: composition fiber
- LBDN gasket: neoprene

## Standard Finishes




- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

## Options

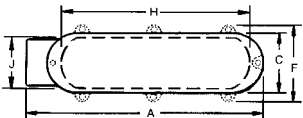
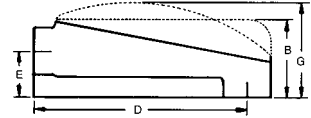
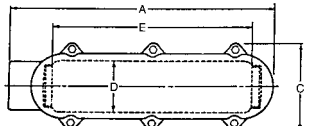
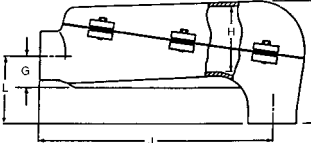
- PVC coating available. Add suffix **-PVC** to catalog number.

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 30
- CSA Certified: 065183

	Type	Hub Size (Inches)	Wiring Capacity dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number	
				Malleable Iron	Aluminum
	LBD	1/2	0.07 (4.00)	<b>LBD50-M</b>	—
		3/4	0.13 (8.00)	<b>LBD75-M</b>	—
		1	0.20 (12.00)	<b>LBD100-M</b>	—
	LBD	1-1/4	0.61 (37.00)	<b>LBD125-M</b>	<b>LBD125-A</b>
		1-1/2	1.08 (66.00)	<b>LBD150-M</b>	<b>LBD150-A</b>
		2	1.33 (81.00)	<b>LBD200-M</b>	<b>LBD200-A</b>
	LBDN	2-1/2	3.44 (210.00)	<b>LBDN250-M</b>	<b>LBDN250-A</b>
		3	5.65 (345.00)	<b>LBDN300-M</b>	<b>LBDN300-A</b>
		3-1/2	8.19 (500.00)	<b>LBDN350-M</b>	<b>LBDN350-A</b>
		4	12.13 (740.00)	<b>LBDN400-M</b>	<b>LBDN400-A</b>

## Dimensions in Millimeters (Inches)

LBD Series	Hub Trade Size (Inches)	A	B	C	D	E	F	G	H	J
	1/2	127.0 (5.00)	55.6 (2.19)	33.3 (1.31)	111.3 (4.38)	31.8 (1.25)	—	—	90.4 (3.56)	23.9 (0.94)
	3/4	157.2 (6.19)	63.5 (2.50)	38.1 (1.50)	139.7 (5.50)	36.6 (1.44)	—	—	120.7 (4.75)	28.7 (1.13)
	1	162.1 (6.38)	68.3 (2.69)	44.5 (1.75)	139.7 (5.50)	42.9 (1.69)	—	—	125.5 (4.94)	1.38 (35.1)
	1-1/4	215.9 (8.50)	—	66.8 (2.63)	190.5 (7.50)	54.1 (2.13)	85.9 (3.38)	120.7 (4.75)	182.6 (7.19)	2.00 (50.8)
	1-1/2	311.2 (12.25)	—	79.5 (3.13)	277.9 (10.94)	58.7 (2.31)	104.9 (4.13)	124.0 (4.88)	270.0 (10.63)	2.56 (65.0)
	2	316.0 (12.44)	—	79.5 (3.13)	277.9 (10.94)	69.9 (2.75)	104.9 (4.13)	133.4 (5.25)	270.0 (10.63)	2.56 (65.0)
LBDN Series	Hub Trade Size (Inches)	A	B	C	D	E	G	H	J	L
	2-1/2	454.2 (17.88)	203.2 (8.00)	149.4 (5.88)	88.9 (3.50)	349.3 (13.75)	54.1 (2.13)	104.9 (4.13)	401.6 (15.81)	115.8 (4.56)
	3	534.9 (21.06)	254.0 (10.00)	149.4 (5.88)	88.9 (3.50)	431.8 (17.00)	63.5 (2.50)	130.3 (5.13)	469.9 (18.50)	136.7 (5.38)
	3-1/2	617.5 (24.31)	260.4 (10.25)	177.8 (7.00)	117.6 (4.63)	505.0 (19.88)	76.2 (3.00)	120.7 (4.75)	543.1 (21.38)	168.4 (6.63)
	4	698.5 (27.50)	317.5 (12.50)	177.8 (7.00)	117.6 (4.63)	584.2 (23.00)	82.6 (3.25)	162.1 (6.38)	619.3 (24.38)	177.8 (7.00)

# Pull Boxes with Threaded Hubs and Covers

For use with Threaded Rigid Metal Conduit and IMC.

**NEC:**  
Listed for Ordinary Locations

## Applications

- Serve as pulling fittings.
- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

## Features

- Roomy interiors, more wiring space.
- Accurately tapped, tapered threads (NPT) for tight, rigid joints and ground continuity.

## Standard Materials

- Bodies and covers: steel
- Hubs: malleable iron or steel
- Cover bolts: trade sizes 1/2" thru 1-1/2" are zinc plated; trade sizes 2" thru 6" are brass

## Standard Finish

- Zinc electroplate, chromate and epoxy powder coat.

## Options

- Custom lengths up to 1828.8 mm (72 in) available, contact your local sales representative.

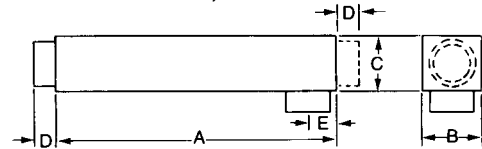


PTB

PTC



PTB, PTC Gasket



## NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527

Catalog Numbers		Gaskets for PTC and PTB	Hub Size (Inches)	Pull Box Dimensions (Millimeters (Inches))				
Straight PTC Box	90° PTB Box			A	B	C	D	E
<b>12-inch</b>								
1200	1250	GK-12-100	1	304.8 (12.00)	55.6 (2.19)	54.1 (2.13)	21.3 (0.84)	23.9 (0.94)
1201	1251	GK-12-150	1-1/4	304.8 (12.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	29.5 (1.16)
1202	1252	GK-12-150	1-1/2	304.8 (12.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1203	1253	GK-12-200	2	304.8 (12.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
<b>18-inch</b>								
1211	—	GK-18-150	1-1/4	457.2 (18.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	29.5 (1.16)
1212	—	GK-18-150	1-1/2	457.2 (18.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1213	—	GK-18-200	2	457.2 (18.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
1214	—	GK-18-250	2-1/2	457.2 (18.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
<b>24-inch</b>								
1222	1272	GK-24-150	1-1/2	609.6 (24.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1223	1273	GK-24-200	2	609.6 (24.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
1224	1274	GK-24-300	2-1/2	609.6 (24.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
1225	1275	GK-24-300	3	609.6 (24.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
<b>36-inch</b>								
1244	1294	GK-36-300	2-1/2	914.4 (36.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
1245	1295	GK-36-300	3	914.4 (36.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
1246	1296	GK-36-400	3-1/2	914.4 (36.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	60.5 (2.38)
1247	1297	GK-36-400	4	914.4 (36.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	67.6 (2.66)
<b>48-inch</b>								
1812	—	GK-48-300	3	1219.2 (48.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
1813	—	GK-48-400	3-1/2	1219.2 (48.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	60.5 (2.38)
1814	—	GK-48-400	4	1219.2 (48.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	67.6 (2.66)
1815	—	GK-48-500	5	1219.2 (48.00)	185.7 (7.31)	182.6 (7.19)	46.7 (1.84)	82.6 (3.25)
1816	—	GK-48-600	6	1219.2 (48.00)	211.1 (8.31)	208.0 (8.19)	51.6 (2.03)	102.4 (4.03)

# Big-Bend Cast Pulling Elbow

Conduit Systems Installations. For use with Threaded Rigid Metal Conduit and IMC.

**CEC:**  
*Listed for Ordinary Locations*

## Application

- Big-Bend Pulling Elbow is installed in conduit systems to provide 90° bends in conduit runs, pull outlets for conductors, access to conductors for maintenance and openings for making splices.

## Features

- Plugged 1/2" outlets top and bottom for breather and drain.
- Conductors can be pulled straight through.
- Cover easily installed.

## Standard Materials

- Bodies and covers: copperfree (4/10 of 1% max.) aluminum
- Gaskets: composition
- Cover bolts: stainless steel

## Standard Finishes

- Acrylic paint

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 40
- CSA Certified: 043654



Conduit Systems Installations



# Big-Bend Cast Pulling Elbow

Conduit Systems Installations. For use with Threaded Rigid Metal Conduit and IMC.

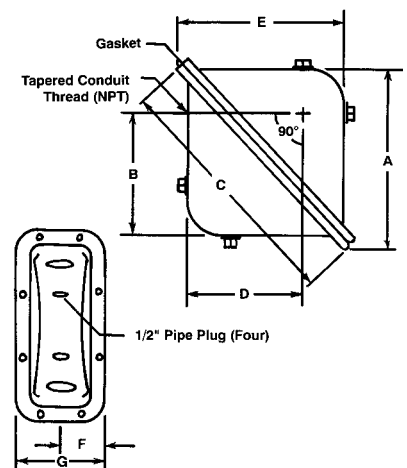
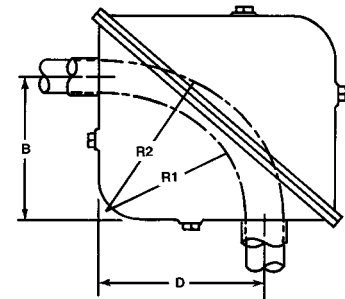
CEC:  
Listed for Ordinary Locations

## Bending Radius of Big-Bend Pulling Elbow

Conduit Size (Inches)	Millimeters (Inches)		Code	Catalog Number
	R1	R2		
1/2	208.0 (8.19)	223.8 (8.81)	050	BB1-050
3/4	204.7 (8.06)	225.6 (8.88)	075	BB1-075
1	200.2 (7.88)	227.1 (8.94)	100	BB1-100
1-1/4	198.4 (7.81)	235.0 (9.25)	125	BB1-125
1-1/2	195.3 (7.69)	236.5 (9.31)	150	BB1-150
2	189.0 (7.44)	241.3 (9.50)	200	BB1-200
2-1/2	184.2 (7.25)	246.1 (9.69)	250	BB1-250
3	174.8 (6.88)	252.5 (9.94)	300	BB1-300
3-1/2	169.9 (6.69)	260.4 (10.25)	350	BB1-350
4	163.6 (6.44)	266.7 (10.50)	400	BB1-400
1/2	331.7 (13.06)	347.7 (13.69)	050	BB2-050
3/4	328.7 (12.94)	349.3 (13.75)	075	BB2-075
1	323.9 (12.75)	350.8 (13.81)	100	BB2-100
1-1/4	322.3 (12.69)	358.9 (14.13)	125	BB2-125
1-1/2	319.0 (12.56)	360.4 (14.19)	150	BB2-150
2	312.7 (12.31)	365.3 (14.38)	200	BB2-200
2-1/2	308.1 (12.13)	369.8 (14.56)	250	BB2-250
3	298.5 (11.75)	376.2 (14.81)	300	BB2-300
3-1/2	293.6 (11.56)	384.3 (15.13)	350	BB2-350
4	287.3 (11.31)	390.7 (15.38)	400	BB2-400
1/2	331.7 (13.06)	347.7 (13.69)	050	BB3-050
3/4	328.7 (12.94)	349.3 (13.75)	075	BB3-075
1	323.9 (12.75)	350.8 (13.81)	100	BB3-100
1-1/4	322.3 (12.69)	358.9 (14.13)	125	BB3-125
1-1/2	319.0 (12.56)	360.4 (14.19)	150	BB3-150
2	312.7 (12.31)	365.3 (14.38)	200	BB3-200
2-1/2	308.1 (12.13)	369.8 (14.56)	250	BB3-250
3	298.5 (11.75)	376.2 (14.81)	300	BB3-300
3-1/2	293.6 (11.56)	384.3 (15.13)	350	BB3-350
4	287.3 (11.31)	390.7 (15.38)	400	BB3-400
5	274.6 (10.81)	401.6 (15.81)	500	BB3-500
6	261.9 (10.31)	416.1 (16.38)	600	BB3-600

### Dimensions

Size	BB1	BB2	BB3
Inside Dimensions	12x12x6	18x18x6	18x18x8
Approx. Shipping Wt/Unit	8.2 kg (18 lb)	14.5 kg (32 lb)	21.8 kg (48 lb)
	Millimeters (Inches)		
	BB1	BB2	BB3
A	323.9 (12.75)	505.0 (19.88)	505.0 (19.88)
B	228.6 (9.00)	355.6 (14.00)	355.6 (14.00)
C	476.3 (18.75)	692.2 (27.25)	698.5 (27.50)
D	228.6 (9.00)	355.6 (14.00)	355.6 (14.00)
E	323.9 (12.75)	505.0 (19.88)	505.0 (19.88)
F	98.6 (3.88)	98.6 (3.88)	127.0 (5.00)
G	196.9 (7.75)	196.9 (7.75)	254.0 (10.00)



Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications



- For threaded rigid conduit or IMC.
- Provides access to the interior of the raceway for wire pulling, splicing and maintenance.

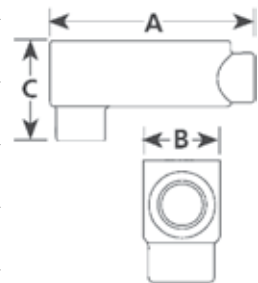
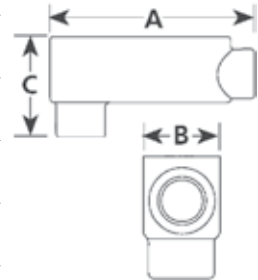
## Standard Material/Finish

- LM24 Diecast aluminum/epoxy powder coat.

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Threaded Catalog Number
		A	B	C			
	1/2	111.8 (4.40)	33.3 (1.31)	55.9 (2.20)	0.1 (4.30)	—	LB-50-D
	3/4	131.3 (5.17)	38.9 (1.53)	65.0 (2.56)	0.1 (7.30)	3 #6AWG	LB-75-D
	1	147.1 (5.79)	44.2 (1.74)	69.6 (2.74)	0.2 (12.20)	3 #4AWG	LB-100-D
	1-1/4	197.9 (7.79)	63.2 (2.49)	88.9 (3.50)	0.5 (32.30)	3 #2AWG	LB-125-D
	1-1/2	198.4 (7.81)	63.2 (2.49)	92.7 (3.65)	0.6 (33.80)	3 #2AWG	LB-150-D
	2	259.1 (10.20)	78.7 (3.10)	108.2 (4.26)	1.2 (71.20)	3 #4/0AWG	LB-200-D
	2-1/2	333.8 (13.14)	110.0 (4.33)	146.1 (5.75)	2.5 (153.00)	3 #4/0AWG	LB-250-D
	3	333.8 (13.14)	110.0 (4.33)	162.8 (6.41)	3.0 (183.50)	3 #4/0AWG	LB-300-D
	3-1/2	392.7 (15.46)	137.9 (5.43)	180.6 (7.11)	5.0 (304.90)	3 #350MCM	LB-350-D
	1/2	111.8 (4.40)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	—	LL-50-D
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	LL-75-D
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LL-100-D
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	LL-125-D
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LL-150-D
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	LL-200-D


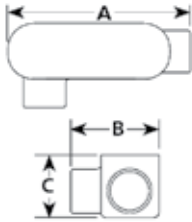

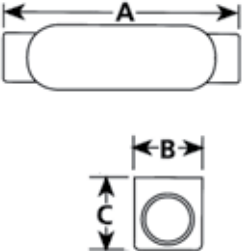

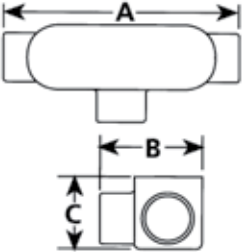


① Does not apply.

# NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Threaded Catalog Number	
		A	B	C				
	1/2	111.8 (4.40)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	—	LR-50-D	
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	LR-75-D	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LR-100-D	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LR-125-D	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LR-150-D	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	LR-200-D	
	1/2	122.4 (4.82)	33.3 (1.31)	35.6 (1.40)	0.1 (4.30)	—	LC-50	
	3/4	139.7 (5.50)	38.9 (1.53)	41.7 (1.64)	0.1 (7.30)	3 #6AWG	LC-75	
	1	163.6 (6.44)	44.2 (1.74)	48.3 (1.90)	0.2 (12.20)	3 #4AWG	LC-100	
	1-1/4	214.6 (8.45)	63.2 (2.49)	69.3 (2.73)	0.5 (33.40)	3 #2AWG	LC-125	
	1-1/2	214.6 (8.45)	63.2 (2.49)	69.3 (2.73)	0.5 (33.50)	3 #2AWG	LC-150	
	2	272.0 (10.71)	78.7 (3.10)	86.6 (3.41)	1.1 (69.50)	3 #4/0AWG	LC-200	
	1/2	122.4 (4.82)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	N/A ①	TC-50	
	3/4	139.7 (5.50)	57.9 (2.28)	41.7 (1.64)	0.1 (7.30)	3 #6AWG	TC-75	
	1	163.6 (6.44)	68.1 (2.68)	48.3 (1.90)	0.2 (12.20)	3 #4AWG	TC-100	
	1-1/4	214.6 (8.45)	88.9 (3.50)	69.3 (2.73)	0.5 (33.10)	3 #2AWG	TC-125	
	1-1/2	214.6 (8.45)	88.9 (3.50)	69.3 (2.73)	0.5 (33.10)	3 #2AWG	TC-150	
	2	272.0 (10.71)	97.3 (3.83)	86.6 (3.41)	1.1 (67.00)	3 #4/0AWG	TC-200	

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

## CC: Aluminum Covers with Screws

### Applications

- Cover for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

### Standard Material/Finish

- Diecast copper free (4/10 of 1% max.) aluminum/epoxy powder coat

### NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

## FG: Fiber Gaskets

### Applications

- Cover gasket to provide sealing for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

### Standard Material/Finish

- Fiber


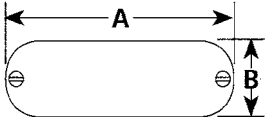

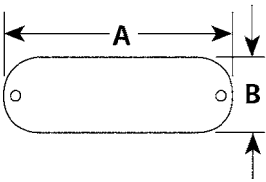

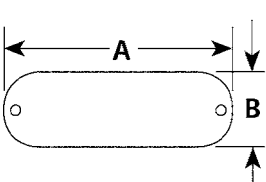
## NG: Neoprene Gaskets

### Applications

- Cover gasket to provide sealing for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

### Standard Material/Finish

- Neoprene

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number	
		A	B		
	1/2	99.1 (3.90)	34.8 (1.37)	CC-50	
	3/4	119.4 (4.70)	40.6 (1.60)	CC-75	
	1	137.2 (5.40)	45.2 (1.78)	CC-100	
	1-1/4 and 1-1/2	184.2 (7.25)	64.0 (2.52)	CC-125	
	2	241.3 (9.50)	79.0 (3.11)	CC-200	
	2-1/2 and 3	308.1 (12.13)	113.0 (4.45)	CC-250	
	3-1/2 and 4	379.5 (14.9)	139.7 (5.50)	CC-400	
	1/2	99.1 (3.90)	34.8 (1.37)	FG-50	
	3/4	116.8 (4.60)	39.6 (1.56)	FG-75	
	1	135.6 (5.34)	43.9 (1.73)	FG-100	
	1-1/4 and 1-1/2	184.2 (7.25)	63.8 (2.51)	FG-125	
	2	241.3 (9.50)	77.5 (3.05)	FG-200	
	2-1/2 and 3	308.1 (12.13)	111.5 (4.39)	FG-250	
	3-1/2 and 4	378.0 (14.88)	137.9 (5.43)	FG-400	
	1/2	99.1 (3.90)	34.8 (1.37)	NG-50	
	3/4	116.8 (4.60)	39.6 (1.56)	NG-75	
	1	135.6 (5.34)	43.9 (1.73)	NG-100	
	1-1/4 and 1-1/2	184.2 (7.25)	63.8 (2.51)	NG-125150	
	2	241.3 (9.50)	77.5 (3.05)	NG-200	
	2-1/2 and 3	308.1 (12.1)	111.5 (4.39)	NG-250300	
	3-1/2 and 4	378.0 (14.8)	137.9 (5.43)	NG-350400	

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ All-In-One Threaded Conduit Bodies

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features



- Threaded hubs.
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

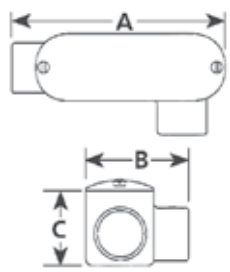
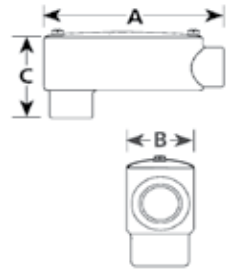
## Standard Material/Finish

- Conduit body: diecast LM24 aluminum/epoxy powder coat
- Cover: stamped aluminum, natural finish
- Gasket: neoprene

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Threaded Catalog Number
		A	B	C			
	1/2	111.8 (4.40)	33.3 (1.31)	62.0 (2.44)	0.1 (4.30)	—	LB-50DCG
	3/4	131.3 (5.17)	38.9 (1.53)	71.1 (2.80)	0.1 (7.30)	3 #6AWG	LB-75DCG
	1	147.1 (5.79)	44.2 (1.74)	75.7 (2.98)	0.2 (12.20)	3 #4AWG	LB-100DCG
	1-1/4	197.9 (7.79)	63.2 (2.49)	95.0 (3.74)	0.5 (32.30)	3 #2AWG	LB-125DCG
	1-1/2	198.4 (7.81)	63.2 (2.49)	98.8 (3.89)	0.6 (33.80)	3 #2AWG	LB-150DCG
	2	259.1 (10.20)	78.7 (3.10)	114.3 (4.50)	1.2 (71.20)	3 #4/0AWG	LB-200DCG
	2-1/2	333.8 (13.14)	110.0 (4.33)	153.2 (6.03)	2.5 (153.00)	3 #4/0AWG	LB-250DCG
	3	333.8 (13.14)	110.0 (4.33)	169.9 (6.69)	3.0 (183.50)	3 #4/0AWG	LB-300DCG
	3-1/2	392.7 (15.46)	137.9 (5.43)	187.7 (7.39)	5.0 (304.90)	3 #350MCM	LB-350DCG
	4	392.7 (15.46)	137.9 (5.43)	190.0 (7.48)	5.0 (308.00)	3 #350MCM	LB-400DCG
	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	LL-50DCG
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	LL-75DCG
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LL-100DCG
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	LL-125DCG
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LL-150DCG
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	LL-200DCG




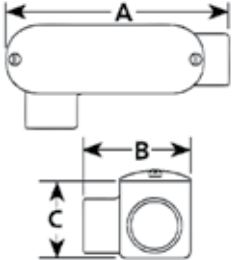

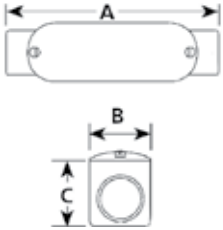

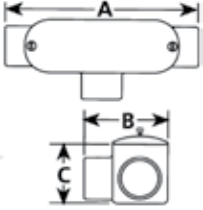
Appleton® OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ All-In-One Threaded Conduit Bodies

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Threaded Catalog Number	
		A	B	C				
	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	LR-50DCG	
	3/4	128.8 (5.07)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	LR-75DCG	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LR-100DCG	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LR-125DCG	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	LR-150DCG	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	LR-200DCG	
	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.35)	—	LC-50DCG	
	3/4	139.7 (5.50)	38.9 (1.53)	47.8 (1.88)	0.1 (7.33)	3 #6AWG	LC-75DCG	
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LC-100DCG	
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	LC-125DCG	
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	LC-150DCG	
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #4/0AWG	LC-200DCG	
	1/2	122.4 (4.82)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	TC-50DCG	
	3/4	139.7 (5.50)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	TC-75DCG	
	1	163.6 (6.44)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	TC-100DCG	
	1-1/4	214.6 (8.45)	88.9 (3.50)	75.4 (2.97)	0.5 (33.10)	3 #2AWG	TC-125DCG	
	1-1/2	214.6 (8.45)	88.9 (3.50)	75.4 (2.97)	0.5 (33.10)	3 #2AWG	TC-150DCG	
	2	272.0 (10.71)	97.3 (3.83)	92.7 (3.65)	1.1 (67.00)	3 #4/0AWG	TC-200DCG	

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ All-In-One Multi-Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

## Features


- 1/2" thru 2" sizes have threaded and set screw hubs (SST).
- 2-1/2" thru 4" sizes have set screw hub (SS).
- Packaged complete under one catalog number.
- Ready to use.

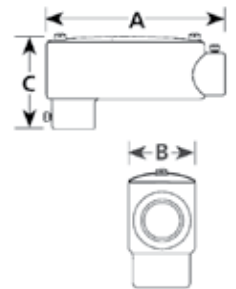
## Standard Material/Finish

- Conduit body: diecast LM24 aluminum/ epoxy powder coat
- Cover: stamped aluminum, natural finish
- Gasket: neoprene

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Multi-Hub Catalog Number
		A	B	C			
	LB 1/2	111.8 (4.40)	33.3 (1.31)	62.0 (2.44)	0.1 (4.30)	—	LB-50DCGSST
	3/4	131.3 (5.17)	38.9 (1.53)	71.1 (2.80)	0.1 (7.30)	3 #6AWG	LB-75DCGSST
	1	147.1 (5.79)	44.2 (1.74)	75.7 (2.98)	0.2 (12.20)	3 #4AWG	LB-100DCGSST
	1-1/4	197.9 (7.79)	63.2 (2.49)	95.0 (3.74)	0.5 (32.30)	3 #2AWG	LB-125DCGSST
	1-1/2	198.4 (7.81)	63.2 (2.49)	98.8 (3.89)	0.6 (33.80)	3 #2AWG	LB-150DCGSST
	2	259.1 (10.20)	78.7 (3.10)	114.3 (4.50)	1.2 (71.20)	3 #4/0AWG	LB-200DCGSST
	2-1/2	333.8 (13.14)	110.0 (4.33)	153.2 (6.03)	2.5 (153.00)	3 #300kcmil	LB-250DCGSS
	3	333.8 (13.14)	110.0 (4.33)	169.9 (6.69)	3.0 (183.50)	3 #350kcmil	LB-300DCGSS
	3-1/2	392.7 (15.46)	137.9 (5.43)	187.7 (7.39)	5.0 (304.90)	3 #400kcmil	LB-350DCGSS
	4	392.7 (15.46)	137.9 (5.43)	190.0 (7.48)	5.0 (308.00)	3 #400kcmil	LB-400DCGSS



Appleton® OZGEDNEY

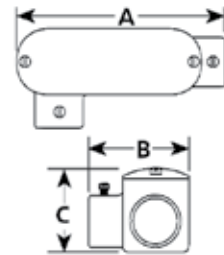
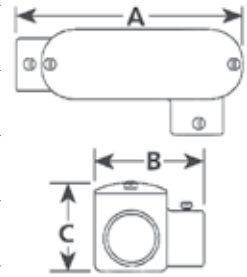
COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ All-In-One Multi-Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Multi-Hub Catalog Number
		A	B	C			
<b>LL</b>	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.30)	—	<b>LL-50DCGSST</b>
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	<b>LL-75DCGSST</b>
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	<b>LL-100DCGSST</b>
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	<b>LL-125DCGSST</b>
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.60)	3 #2AWG	<b>LL-150DCGSST</b>
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	<b>LL-200DCGSST</b>
	2-1/2	333.8 (13.14)	144.8 (5.70)	108.7 (4.28)	2.6 (158.00)	3 #300kcmil	<b>LL-250DCGSS</b>
	3	333.8 (13.14)	144.8 (5.70)	120.9 (4.76)	3.0 (186.00)	3 #350kcmil	<b>LL-300DCGSS</b>
	3-1/2	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	<b>LL-350DCGSS</b>
	4	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	<b>LL-400DCGSS</b>
<b>LR</b>	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.30)	—	<b>LR-50DCGSST</b>
	3/4	128.8 (5.07)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	<b>LR-75DCGSST</b>
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	<b>LR-100DCGSST</b>
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.10)	3 #2AWG	<b>LR-125DCGSST</b>
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.10)	3 #2AWG	<b>LR-150DCGSST</b>
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	<b>LR-200DCGSST</b>
	2-1/2	333.8 (13.14)	144.8 (5.70)	108.7 (4.28)	2.6 (158.00)	3 #300kcmil	<b>LR-250DCGSS</b>
	3	333.8 (13.14)	144.8 (5.70)	120.9 (4.76)	3.0 (186.00)	3 #350kcmil	<b>LR-300DCGSS</b>
	3-1/2	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	<b>LR-350DCGSS</b>
	4	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	<b>LR-400DCGSS</b>



Appleton OZGEDNEY



COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

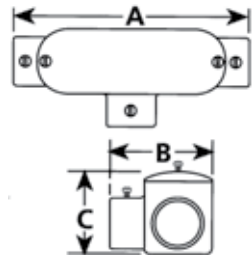
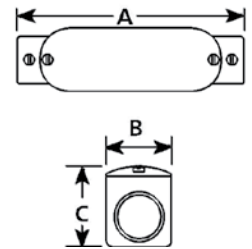


# NEER™ All-In-One Multi-Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Volume dm <sup>3</sup> (in <sup>3</sup> )	Max. No. Conductors	Multi-Hub Catalog Number
		A	B	C			
	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.30)	—	LC-50DCGSST
	3/4	139.7 (5.5)	38.9 (1.53)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	LC-75DCGSST
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	LC-100DCGSST
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	LC-125DCGSST
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	LC-150DCGSST
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #3/0AWG	LC-200DCGSST
	2-1/2	351.8 (13.85)	110.0 (4.33)	108.7 (4.28)	2.6 (159.00)	3 #250kcmil	LC-250DCGSS
	3	351.8 (13.85)	110.0 (4.33)	120.9 (4.76)	3.1 (186.50)	3 #250kcmil	LC-300DCGSS
	3-1/2	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	LC-350DCGSS
	4	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	LC-400DCGSS
	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.30)	—	TC-50DCGSST
	3/4	139.7 (5.5)	38.9 (1.53)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	TC-75DCGSST
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	TC-100DCGSST
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	TC-125DCGSST
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	TC-150DCGSST
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #4/0AWG	TC-200DCGSST
	2-1/2	351.8 (13.85)	110.0 (4.33)	108.7 (4.28)	2.6 (159.00)	3 #4/0AWG	TC-250DCGSS
	3	351.8 (13.85)	110.0 (4.33)	120.9 (4.76)	3.1 (186.50)	3 #4/0AWG	TC-300DCGSS
	3-1/2	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (306.00)	3 #250kcmil	TC-350DCGSS
	4	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (308.00)	3 #250kcmil	TC-400DCGSS



Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# NEER™ Aluminum Set Screw Conduit Bodies and Accessories

For EMT

**NEC/CEC:**  
Listed for Ordinary Locations

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**NEC/CEC:**  
Rated for Ordinary Locations

## LB-SS: Aluminum Conduit Body

### Applications

- Set screw type aluminum conduit bodies are used on steel EMT providing access to the interior of the raceway for wire pulling, splicing and maintenance.

### Standard Material

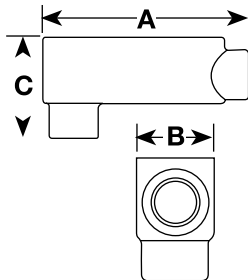
- Diecast aluminum/epoxy powder coat

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



LB-50-SS



## CC: Aluminum Covers

### Applications

- Cover with screws for LB-SS Series conduit bodies..

### Standard Material

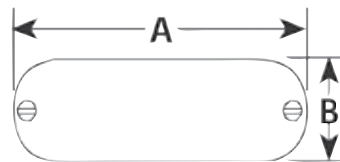
- Diecast LM24 aluminum/epoxy powder coat

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



CC-50



## FG: Fiber Gaskets

### Applications

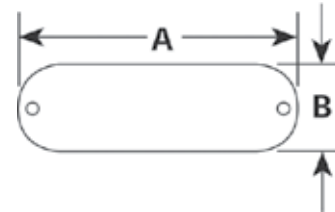
- Cover gasket to provide sealing for LB-SS Series conduit bodies.

### Standard Material

- Fiber



FG-50



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	111.8 (4.40)	33.3 (1.31)	55.9 (2.20)	LB-50-SS
3/4	131.3 (5.17)	38.9 (1.53)	65.0 (2.56)	LB-75-SS
1	147.1 (5.79)	44.2 (1.74)	69.6 (2.74)	LB-100-SS
1-1/4	197.9 (7.79)	63.2 (2.49)	88.9 (3.50)	LB-125-SS
1-1/2	198.4 (7.81)	63.2 (2.49)	92.7 (3.65)	LB-150-SS
2	259.1 (10.20)	78.7 (3.10)	108.2 (4.26)	LB-200-SS

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	98.3 (3.87)	33.8 (1.33)	CC-50
3/4	118.1 (4.65)	39.1 (1.54)	CC-75
1	136.7 (5.38)	44.7 (1.76)	CC-100
1-1/4 and 1-1/2	184.2 (7.25)	63.2 (2.49)	CC-125
2	240.0 (9.45)	79.8 (3.14)	CC-200

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	98.6 (3.88)	34.0 (1.34)	FG-50
3/4	118.4 (4.66)	39.4 (1.55)	FG-75
1	136.9 (5.39)	45.0 (1.77)	FG-100
1-1/4 and 1-1/2	184.4 (7.26)	63.5 (2.50)	FG-125
2	240.3 (9.46)	80.0 (3.15)	FG-200

# EMT Adapters

**NEC/CEC:**  
Rated for Ordinary Locations

## Applications

- Adaptors are used to connect non-threaded fittings to threaded fittings.

## Features

- Malleable iron clamps are exceptionally rugged and strong.
- Steel adapters offer economy and have integral formed gussets for excellent strength.

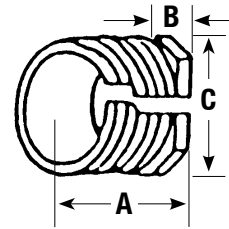
## Material/Finish

- Steel/zinc electroplated



TWAD-50

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	A	B	C		
<b>No-Thread to Threaded Fittings – Conversion Adapters – Steel</b>					
1/2	11.2 (0.44)	3.3 (0.13)	25.4 (1.00)	1.00 (2.20)	<b>TWAD-50</b>
3/4	12.7 (0.50)	3.3 (0.13)	36.6 (1.44)	1.81 (4.00)	<b>TWAD-75</b>
1	6.0 (0.63)	3.3 (0.13)	38.1 (1.50)	2.72 (6.00)	<b>TWAD-100</b>
1-1/4	19.1 (0.75)	4.8 (0.19)	50.8 (2.00)	4.99 (11.00)	<b>TWAD-125</b>
1-1/2	19.1 (0.75)	4.8 (0.19)	57.2 (2.25)	5.44 (12.00)	<b>TWAD-150</b>
2	19.1 (0.75)	6.4 (0.25)	71.4 (2.81)	8.62 (19.00)	<b>TWAD-200</b>

# JB Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT OUTLET BODIES

## Applications

- Serve as pulling fittings.
- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

## Features

- Raintight when enclosed and gasketed with hub or blank covers.
- Furnished with internal ground screw.
- Blind cover screw holes prevent conductor damage during installation, provide water-tightness.
- Available in three inside depths: 1-5/16", 2-1/16", and 3-1/8".
- Order with or without mounting lugs.
- Furnished with four tapped holes and two close-up plugs.
- Cushion fixture hangers are enclosed and gasketed.

## Standard Materials






- JB conduit outlet boxes and covers and JB fixture hangers: malleable iron
- JB-A boxes and covers: copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene

## Standard Finishes

- Malleable iron conduit outlet boxes, and hub covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Fixture hangers, JB 1/2" hub and blank covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum JB conduit outlet boxes: epoxy powder coat

## NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

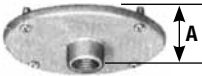




	Description	Hub Size (Inches)	Catalog Number	
			Malleable Iron	Aluminum
<b>JBX — 1-5/16" Inside Depth — Furnished with four tapped openings and two close-up plugs</b>				
	Less mounting lugs	1/2	<b>JBX-50</b>	—
		3/4	<b>JBX-75</b>	—
		1	<b>JBX-100</b>	—
	With mounting lugs	1/2	<b>JBX-50L</b>	<b>JBX50L-A</b>
		3/4	<b>JBX-75L</b>	<b>JBX75L-A</b>
		1	<b>JBX-100L</b>	—
<b>JBDX — 2-1/16" Inside Depth — Furnished with four tapped openings and two close-up plugs</b>				
	Less mounting lugs	1/2	<b>JBDX-50</b>	—
		3/4	<b>JBDX-75</b>	—
		1	<b>JBDX-100</b>	—
	With mounting lugs	1/2	<b>JBDX-50L</b>	—
		3/4	<b>JBDX-75L</b>	—
		1	<b>JBDX-100L</b>	—
<b>JBLX — 3-1/8" Inside Depth — Furnished with four tapped openings and two close-up plugs</b>				
	With removable mounting lugs	1/2	<b>JBLX-50L</b>	<b>JBLX-50L-A</b>
		3/4	<b>JBLX-75L</b>	<b>JBLX-75L-A</b>
		1	<b>JBLX-100L</b>	<b>JBLX-100L-A</b>

# JB Conduit Outlet Boxes, Covers and Hangers

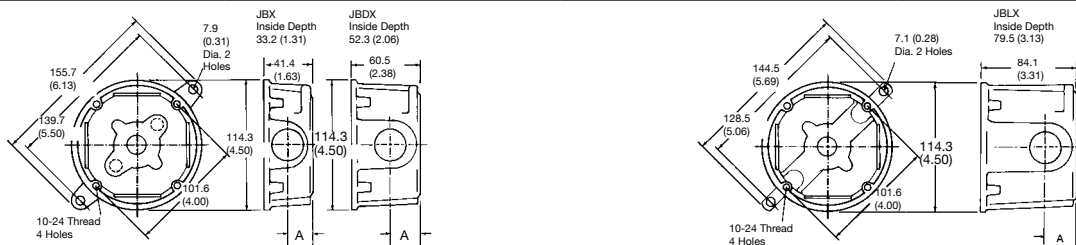
UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

**NEC:**

Listed for Ordinary Locations

Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number	
			Malleable Iron	Aluminum
<b>Cast Covers — Furnished with screws — When used with gasket provides raintight fit, supports 113.4 kg (250 lb)</b>				
 Hub Covers	1/2	20.0 (0.75)	<b>JBK-50</b>	<b>JBK-50-A</b>
	3/4	23.9 (0.94)	<b>JBK-75</b>	<b>JBK-75-A</b>
 Cover	Blank	4.8 (0.19)	<b>JBK-B</b>	<b>JBK-1B-CA</b>
<b>Gasket — Neoprene</b>				
	—	—	<b>JB-GK-N</b>	<b>JB-GK-N</b>
<b>Flexible Fixture Hangers — Furnished with gasket and screws</b>				
 Ball Type — 15° swing in all directions, support 113.4 kg (250 lb)	1/2	65.0 (2.56)	<b>JBK-50-BS</b>	—
	3/4	65.0 (2.56)	<b>JBK-75-BS</b>	—
 Cushion type, enclosed and gasketed — 8° swing in all directions. Cushions 18.1 kg (40 lb), supports 113.4 kg (250 lb)	1/2	41.4 (1.63)	<b>JBK-50-CS</b>	—
	3/4	41.4 (1.63)	<b>JBK-75-CS</b>	—

**Dimensions in Millimeters (Inches)**



Hub Size (Inches)	Dimension "A" in Millimeters (Inches)		
	JBX	JBDX	JBLX
1/2	19.1 (0.75)	19.1 (0.75)	19.1 (0.75)
3/4	22.4 (0.88)	22.4 (0.88)	22.4 (0.88)
1	20.6 (0.81)	26.9 (1.06)	26.9 (1.06)

**Wiring Capacity ①**

Hub Size (Inches)	dm <sup>3</sup> (in <sup>3</sup> )		
	JBX	JBDX	JBLX
1/2	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)
3/4	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)
1	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)

① JB covers add no additional cubic inch capacity.

# BKX Round Junction Boxes

## CEC:

Class II, Division 1 and 2, Groups E, F, G

Class III

CSA Enclosure 4

## Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, BKX junction boxes are weatherproof.
- BKX junction boxes are dust-ignitionproof when supplied for Class II applications. Suitable for use in grain elevators, flour mills and other environments where dust presents a hazard.

## Features

- Malleable iron Unilets™ offer high tensile strength, ductility, corrosion resistance and impact and shock resistance.
- Copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Roomy interiors: more wiring space.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- BKX Series
  - Enclosed and gasketed boxes when used with hub or blank covers provide CSA Type 4 fit.
  - Suitable for exposed or concealed installations.
  - Boss in rear of box allows for fifth entry, factory or field entries, 1/2" or 3/4".
  - Available in three inside depths: 1-1/2", 2-1/4" and 3".
  - Furnished with four tapped holes and two close-up plugs.
  - Available in gray iron and aluminum.
  - Cushion fixture hangers are enclosed and gasketed.
  - Available for Class II, Division 1 applications.
  - Can be fitted with terminal block.

## Standard Materials

- BKX junction boxes and cast covers: gray iron
- BKX-A junction boxes and cast aluminum covers: copperfree (max. 4/10 of 1%) aluminum
- BKX sheet metal covers: steel or aluminum
- Gaskets: neoprene or composition fiber

## Standard Finishes

- Boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat

## Options

- Factory installed terminal block, add suffix **-CB** to catalog number

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 013017

## Related Products

- For explosionproof junction boxes, see Enclosures and Junction Boxes.
- For Class II Fixture Hangers, See *Lighting*.











**BKX Junction Boxes.**  
Choice of three depths.



**BKX Class II Junction Boxes with covers and gasket.**

# BKX Round Junction Boxes

CEC:  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 CSA Enclosure 4






Description	Hub Size (Inches)	Catalog Number	
		Aluminum	Gray Iron
 <p><b>BKXS — 1-1/2" Inside Depth</b>                      Furnished with four tapped holes and 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as separate item.</p>	1/2	<b>BKXS-1A</b>	<b>BKXS-1</b>
	3/4	<b>BKXS-2A</b>	<b>BKXS-2</b>
 <p><b>BKXM — 2-1/4" Inside Depth</b>                      Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as separate item.</p>	1/2	<b>BKXM-1A</b>	<b>BKXM-1</b>
	3/4	<b>BKXM-2A</b>	<b>BKXM-2</b>
	1	<b>BKXM-3A</b>	<b>BKXM-3</b>
 <p><b>BKXD — 3" Inside Depth</b>                      Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs.</p> <p>Order covers as a separate item.</p>	1/2	<b>BKXD-1A</b>	<b>BKXD-1</b>
	3/4	<b>BKXD-2A</b>	<b>BKXD-2</b>
	1	<b>BKXD-3A</b>	<b>BKXD-3</b>
<b>BKX Covers — Furnished with screws</b>			
 <p>Cast</p>	Blank	<b>CBK-A</b>	<b>CBK</b>
	1/2	<b>CBK-1A</b>	<b>CBK-1</b>
	3/4	<b>CBK-2A</b>	<b>CBK-2</b>
 <p>Stamped Sheet Metal (steel)</p>	Blank	<b>CB-A</b>	<b>CB</b>
 <p><b>BKX Gasket</b>                      Neoprene</p>		—	<b>BKG</b>
<b>JB — Flexible Fixture Hangers — Furnished with gasket and screws.</b>			
 <p><b>Ball Type</b>                      15° swing in all directions, supports 113.4 kg (250 lbs)</p>	1/2	—	<b>JBK-50-BS</b>
	3/4	—	<b>JBK-75-BS</b>
 <p><b>Cushion Type</b>                      Enclosed and gasketed – 8° swing in all directions. Cushions 18 kg (40 lb), supports 113.4 kg (250 lbs)</p>	1/2	—	<b>JBK-50-CS</b>
	3/4	—	<b>JBK-75-CS</b>

# BKX Round Junction Boxes

CEC:  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 CSA Enclosure 4

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT OUTLET BODIES

Appleton®

Description	Hub Size (Inches)	Catalog Number	
		Aluminum	Gray Iron
 <p><b>BKXS — 1-1/2" Inside Depth</b>                      Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXS-1BA	BKXS-1B
	3/4	BKXS-2BA	BKXS-2B
 <p><b>BKXM — 2-1/4" Inside Depth</b>                      Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXM-1BA	BKXM-1B
	3/4	BKXM-2BA	BKXM-2B
	1	BKXM-3BA	BKXM-3B
 <p><b>BKXD — 3" Inside Depth</b>                      Furnished with cover and attached gasket, four tapped openings and two close-up plugs.</p>	1/2	BKXD-1BA	BKXD-1B
	3/4	BKXD-2BA	BKXD-2B
	1	BKXD-3BA	BKXD-3B
 <p><b>BKX — Class II replacement cover assemblies</b>                      Cast cover with permanently affixed gasket. Furnished with screws.</p>	—	CBK-GA	CBK-G
 <p><b>Terminal Block</b>                      Furnished with fastening hardware. 5 wire, 20 Amp, 300 Volt.</p>	—	—	CB205B

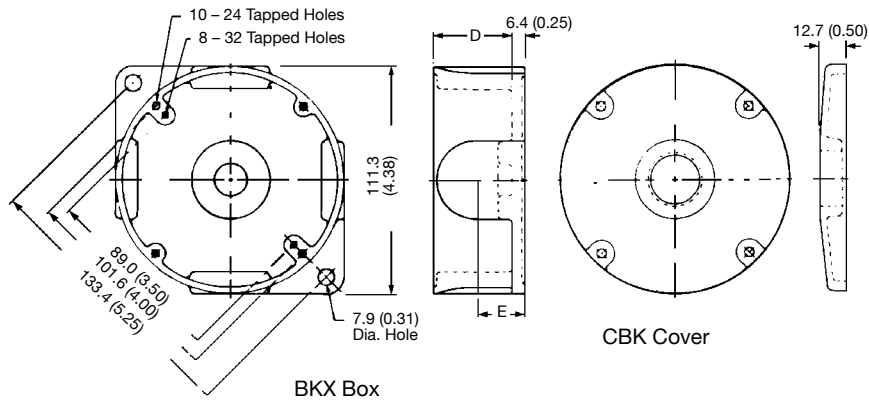


# BKX Round Junction Boxes

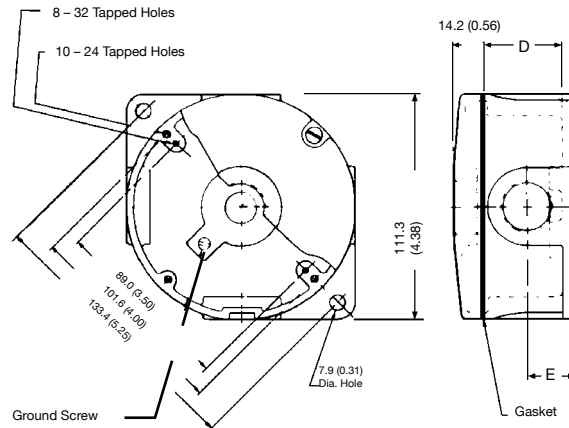
CEC:  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 CSA Enclosure 4

Dimensions in Millimeters (Inches)

## BKX Round Base Unilet



## BKX Round Base Unilet for Class



Enclosure	Dimensions in Millimeters (Inches)	
	D	E
BKXS	38.1 (1.50)	23.9 (0.94)
BKXM	57.2 (2.25)	39.6 (1.56)
BKXD	76.2 (3.00)	39.6 (1.56)

# SEH Conduit Outlet Boxes and Covers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT OUTLET BODIES

## Applications

- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

## Features

- Accepts 4" octagon outlet box covers.
- Two 8-32 screw holes tapped on 3-1/2" centers.
- Furnished with internal ground screw.

	Description	Hub Size (Inches)	Catalog Number
	SEH	1/2	SEH-50
		3/4	SEH-75
	SEHC	1/2	SEHC-50
		3/4	SEHC-75
	SEHL	1/2	SEHL-50
		3/4	SEHL-75
	SEHT	1/2	SEHT-50
		3/4	SEHT-75
	SEHX	1/2	SEHX-50
		3/4	SEHX-75
<b>SEH Covers — Furnished with screws ①</b>			
	Hub cover, cast malleable	1/2	SEHK-50 ②
	Cover, steel	Blank	SEHK-B ②
	Cover, cast malleable	Blank	SEHK-BC ②
<b>SEH Gasket</b>			
	Fiber composition		SEH-GK

## Standard Materials

- Conduit outlet boxes: malleable iron
- Covers: steel and cast malleable iron
- Gaskets: composition fiber

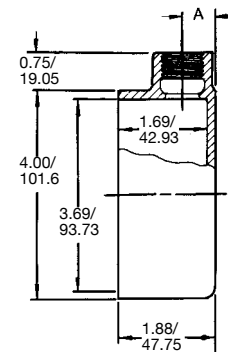
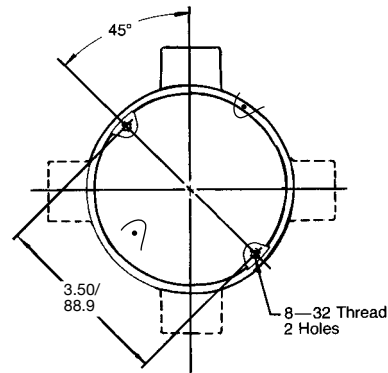
## Standard Finishes

- Boxes and cast covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Blank steel cover: zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.1

## Dimensions and Wiring Capacity



Hub Size (Inches)	Dimensions "A" (Millimeters (Inches))	Capacity dm <sup>3</sup> (in <sup>3</sup> )
1/2	16.0 (0.63)	0.29 (18.00)
3/4	19.1 (0.75)	0.29 (18.00)

① SEH covers add no additional cubic inch capacity.

② Meets the Canadian Electrical Code (CEC) for Ordinary Locations..

# GS Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

**NEC:**  
Rated for Ordinary Locations

## Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, GS junction boxes are weatherproof.

## Features

- Raintight when enclosed and gasketed with hub or blank covers.
- Extra wide mating surfaces of GS box and cover provide greater gasket contact for more positive seal.
- GSU-20 accommodates connection block.
- Universal design — furnished with 4 threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three 1/2" close-up plugs.
- Furnished with mounting lugs.
- Cushion fixture hangers are enclosed and gasketed.

## Standard Materials






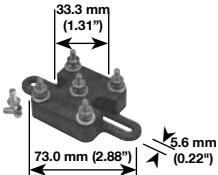
- Conduit outlet boxes, covers and fixture hangers: malleable iron
- Gaskets: neoprene

## Standard Finishes

- Malleable iron conduit outlet boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat

## NEC Certifications and Compliances

- UL Standard: 514A


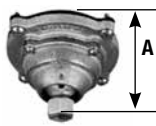
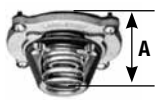
	Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number
	<b>GS — 1-3/4" Inside Depth, with mounting lugs — Form 20</b> Four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three 1/2" close-up plugs.	1/2 or 3/4	—	<b>GSU-20</b>
	Four 1" threaded openings and three 1" close-up plugs.	1	—	<b>GSU-100</b>
<b>GS — Cast Covers — Furnished with gasket and screws. Enclosed and gasketed for raintight fit, supports 113.4 kg (250 lb)</b>				
	Hub Cover	1/2 3/4	44.5 (1.75) 44.5 (1.75)	<b>GSK-50-20</b> <b>GSK-75-20</b>
	Blank Cover	Blank	26.9 (1.06)	<b>GSK-BC-20</b>
	<b>GS — Cover, Lamp Receptacle — Furnished with gasket and screws</b>	—	41.4 (1.63)	<b>GSK-LR20</b>
	<b>GS-20 — Connection Block — Furnished with mounting screws. 5-Wire, 20 A, 300 Volt</b>	—	—	<b>CB205</b>

# GS Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

NEC:  
Rated for Ordinary Locations

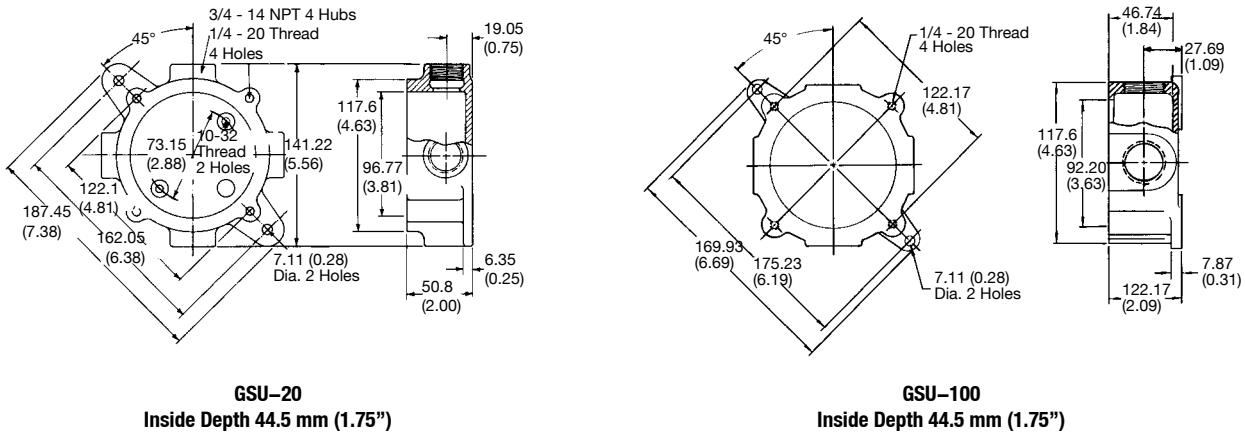
COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT OUTLET BODIES

Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number
GS — Gasket, Neoprene 	—	—	GS-GK20-R
GS Flexible Fixture Hangers — Form 20 — Furnished with gasket and screws			
 <b>Ball Type</b> 15° swing in all directions, support 113.4 kg (250 lb)	—	76.2 (3.00)	<b>GSK-50-20B</b>
	—	82.6 (3.25)	<b>GSK-75-20B</b>
 <b>Cushion Type</b> Enclosed and gasketed — 8° swing in all directions. Cushions 18.1 kg (40 lb), supports 113.4 kg (250 lb)	—	50.8 (2.00)	<b>GSK-50-20C</b>
	—	50.8 (2.00)	<b>GSK-75-20C</b>

## Wiring Capacity

Hub Size (Inches)	Capacity dm <sup>3</sup> (in <sup>3</sup> )		
	GS	Hub	GSK Covers
1/2	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)
3/4	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)
1	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)

## Dimensions in Millimeters (Inches)



# GS Round Junction Boxes

**CEC:**  
*Listed for Ordinary Locations*

## Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, GS junction boxes are weatherproof.

## Features

- Malleable iron Unilets™ offer high tensile strength, ductility, corrosion resistance and impact and shock resistance.
- Copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Roomy interiors: more wiring space.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Enclosed and gasketed boxes provide raintight fit when used with hub and blank covers.
- Extra wide mating surfaces of GS box and cover provide greater contact for more positive seal.
- Can be fitted with terminal block.
- Universal design: furnished with four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three close-up plugs.
- Furnished with mounting lugs.
- Cushion fixture hangers are enclosed and gasketed.

## Standard Materials

- GS-A junction boxes and cast aluminum covers: copperfree (4/10 of 1% max.) aluminum
- GS flexible fixture hangers: malleable iron
- GS junction boxes and covers: gray iron
- Gaskets: neoprene

## Standard Finishes

- GS Junction Boxes and covers: triplecoat
- Ferrous iron junction boxes and covers: (1) zinc electroplate, (2) chromate

## Options

- Factory installed terminal block, add suffix **-CB** to catalog number

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Listed: 001472

## Related Products

- For explosionproof junction boxes, see Enclosures and Junction Boxes.
- For Class II Fixture Hangers, See *Lighting Catalog*.










**GS Junction Boxes.**  
**Four tapped conduit entrance.**

# GS Round Junction Boxes

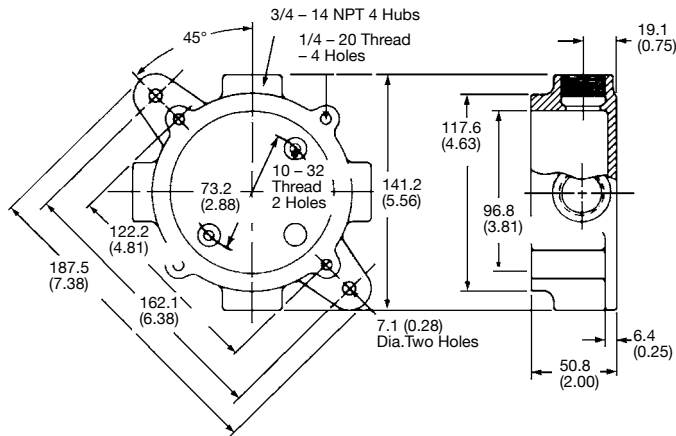
CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT OUTLET BODIES

Appleton®

Description	Hub Size (Inches)	Catalog Number	
		Aluminum	Gray Iron
<b>GS — 1-3/4" Inside Depth with mounting lugs — Form 20</b>  <p>Furnished with four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, three 1/2" close-up plugs and mounting lugs. Order covers separately.</p> <p>To order Unilets™ with a CB205 Terminal block installed add suffix <b>-CB</b></p>	1/2 or 3/4	<b>GSU-20A</b>	<b>GSU-20CN</b>
<b>GS — Cast Covers — Furnished with gasket and screws — Enclosed and gasket for watertight fit</b>			
 <p>Hub Cover</p>	1/2	<b>GSK-50-20A</b>	<b>GSK-50-20CN</b>
 <p>Hub Cover</p>	3/4	<b>GSK-75-20A</b>	<b>GSK-75-20CN</b>
Blank Cast Cover	—	<b>GSK-BC-20A</b>	<b>GSK-BC-20CN</b>
<b>GS-20 — Terminal Block</b>			
 <p>Furnished with fastening strap and mounting screws</p> <p>5-Wire, 20 Amp, 300 Volt</p>		—	<b>CB205CN</b>
<b>GS — Gasket</b>			
 <p>Neoprene</p>		—	<b>GS-GK20-RCN</b>
<b>GS — Flexible Fixture Hangers — Form 20 — Furnished with gasket and screws</b>			
 <p><b>Ball Type</b> 15° swing in all directions, support 113.4 kg (250 lb)</p>	1/2	—	<b>GSK-50-20BCN</b>
	3/4	—	<b>GSK-75-20BCN</b>
 <p><b>Cushion Type</b> Enclosed and gasketed — 8° swing in all directions. Cushions 18.1 kg (40 lb), supports 113.4 kg (250 lb)</p>	1/2	—	<b>GSK-50-20CN</b>
	3/4	—	<b>GSK-75-20CN</b>

**Dimensions in Millimeters (Inches)**



# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All Device Boxes have Ridge Top Construction. Furnished with Internal Ground Screw.

**NEC/CEC:**  
*Listed for Ordinary Locations*

## Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

## Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 41.4 mm (1.63 in) in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

## Standard Materials

- Boxes: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum
- Screws: stainless steel
- Gaskets: neoprene

## Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.1
- CSA Certified: 001472
- NEMA Standard: FB-1



## Illustrated Features



Gasket is designed so that it wraps around ridge top of Appleton™ aluminum or malleable iron device box. Result is a positive seal against moisture.







Gasket construction.  
Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Trade Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-1-50	FS-1-50-A
			3/4	FS-1-75	FS-1-75-A
			1	FS-1-100	FS-1-100-A
	FD	Deep	1/2	FD-1-50	FD-1-50-A
			3/4	FD-1-75	FD-1-75-A
	FSC	Shallow	1/2	FSC-1-50	FSC-1-50-A
			3/4	FSC-1-75	FSC-1-75-A
			1	FSC-1-100	FSC-1-100-A
	FDC	Deep	1/2	FDC-1-50	FDC-1-50-A
			3/4	FDC-1-75	FDC-1-75-A
	FSS	Shallow	1/2	FSS-1-50	FSS-1-50-A
			3/4	FSS-1-75	FSS-1-75-A
	FDS	Deep	1/2	FDS-1-50	FDS-1-50-A
			3/4	FDS-1-75	FDS-1-75-A
			1	FDS-1-100	FDS-1-100-A
	FSLA	Shallow	1/2	FSLA-1-50	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton®

Shaded boxes include mounting feet.



# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FSCA	Shallow	1/2	FSCA-1-50	—
			3/4	FSCA-1-75	—
	FSCC	Shallow	1/2	FSCC-1-50	—
			3/4	FSCC-1-75	FSCC-1-75A
	FDCC	Deep	1/2	FDCC-1-50	FDCC-1-50A
			3/4	FDCC-1-75	FDCC-1-75-A
			1	FDCC-1-100	—
	FSCT	Shallow	1/2	FSCT-1-50	FSCT-1-50A
			3/4	FSCT-1-75	FSCT-1-75A
			1	FSCT-1-100	—
	FDCT	Deep	1/2	FDCT-1-50	—
			3/4	FDCT-1-75	FDCT-1-75A
			1	FDCT-1-100	—
	FST	Shallow	1/2	FST-1-50	—
			3/4	FST-1-75	—
	FDT	Deep	1/2	FDT-1-50	—
			3/4	FDT-1-75	FDT-1-75A
			1	FDT-1-100	—
	FSX	Shallow	1/2	FSX-1-50	—
			3/4	FSX-1-75	—
	FDX	Deep	1/2	FDX-1-50	—
			3/4	FDX-1-75	—
			1	FDX-1-100	—
	FSCD	Shallow	1/2	FSCD-1-50	—
			3/4	FSCD-1-75	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES






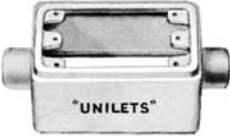



 Appleton

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

				Catalog Number	
Type	Depth	Hub Size (Inches)	Malleable Iron Ridge Top	Aluminum Ridge Top	
<b>FS and FD Single Gang Boxes with Mounting Lugs</b>					
	FS	Shallow	1/2	FS-1-50L	—
			3/4	FS-1-75L	—
			1/2	FD-1-50L	FD-1-50L-A
	FD	Deep	3/4	FD-1-75L	FD-1-75L-A
			1	FD-1-100	FD-1-100-A
			1/2	FSC-1-50L	—
	FSC	Shallow	3/4	FSC-1-75L	—
			1/2	FDC-1-50L	FDC-1-50L-A
			3/4	FDC-1-75L	FDC-1-75L-A
	FDC	Deep	1	FDC-1-100	FDC-1-100-A
<b>FS Single Gang Boxes with Double Opening</b>					
	FS	3.38"	1/2	FS-1D-50	—
			3/4	FS-1D-75	FS-1D-75A
	FSC	3.38"	1/2	FSC-1D-50	—
			3/4	FSC-1D-75	—
<b>FS Two-Gang Tandem Boxes — Takes single gang covers</b>					
	FS	Shallow	1/2	FS-2T-50	—
			3/4	FS-2T-75	—
	FSC	Shallow	1/2	FSC-2T-50	—
			3/4	FSC-2T-75	—
	FS	1" Extension	—	FS-1EXT	—








COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton

# FS and FD Cast Hub Device Boxes

Steel Covers and Aluminum Covers for Ridge Top Boxes. Furnished with Stainless Steel Screws, Less Gasket.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Steel	Aluminum
	For double push button switches, momentary contact and maintain switches.	FSK-1PB	—
	For square handle tumbler or toggle switches.	FSK-1TS	FSK-1TS-A
	For square handle tumbler or toggle switches. Has toggle guard.	FSK-1TSG	—
	For two or three interchangeable devices. Includes mounting bracket.	FSK-1WD-3	—
	For round flush receptacles, without lift cover. Mounts on device. Hole Dia. — 1-13/32".	FSK-1R-Q	FSK-1R-Q-A
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia. — 1-13/32".	FSK-1R-T	—
	For round receptacles. Mounts directly on box. Hole Dia. — 1-13/32".	FSK-1R-W	FSK-1R-W-A
	For round receptacles. Mounts directly on box. Hole Dia. — 1-5/8". 3-9/32" C to C screw holes.	FSK-1R-X	—
	For round receptacles. Mounts on device. Hole Dia. — 1-5/8". 2-3/8" C to C screw holes.	FSK-1R-Y	FSK-1R-Y-A
	For standard 2 or 3 wire duplex receptacles.	FSK-1DR	FSK-1DR-A
	For pilot lamp:		
	Red Jewel	FSK-1J	—
	Amber Jewel	FSK-1JA	—
	Green Jewel	FSK-1JG	—
	Opal Jewel	FSK-1JO	—
	Blank	FSK-1B	FSK-1B-A














COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



# FS and FD Cast Hub Device Boxes

Covers for Ridge Top Boxes.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Malleable Iron	Aluminum
<b>Cast Covers NEMA 3R Wet Locations – Furnished with gasket and stainless steel screws</b>			
	Receptacle cover with spring cover. Hole Diameter — 1-7/16"	FSK-1VR	FSK-1VR-A
	For duplex flush receptacle with spring cover	FSK-1VDR	FSK-1VDR-A
	For pilot lamp flush receptacles:		
	Red Jewel	FSK-1J-C	FSK-1-JCA
	Opal Jewel	FSK-1JOC	FSK-1JOCA
	Amber Jewel	FSK-1JAC	FSK-1JACA
	Green Jewel	FSK-1JGC	FSK-1JGCA
	For double push button switches	FSK-1PBS	—
	For external operation of tumbler switches with square handles	FSK-1VTS	FSK-1VTSA
	Operating type for square handle tumbler or toggle switches	FSK-1VS	FSK-1VS-A
	Rocker type for square handle tumbler or toggle flush switches	FSK-1V	FSK-1V-A
	Blank	FSK-1B-C	FSK-1B-CA
<b>Gasket – Replacement</b>			
	Neoprene—for use with wet location covers	FS-GKR-1N	
<b>Cast Covers Dry Locations – Furnished with stainless steel screws less gasket</b>			
	For standard 2 or 3 wire duplex receptacles	FSK-1DR-C	—
	For round flush receptacles Hole Dia. — 1-7/16"	FSK-1R-Z	—
	For square handle toggle switches	FSK-1TS-C	—
	For square handle toggle switches; Has toggle guard	FSK-1TSG-C	FSK-1TSG-CA

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton®

# FS and FD Cast Hub Device Boxes

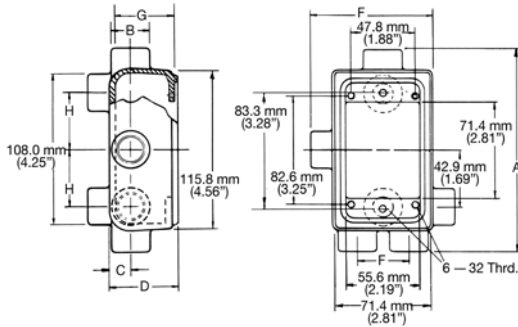
NEC/CEC:  
Listed for Ordinary Locations

## Wiring Capacity

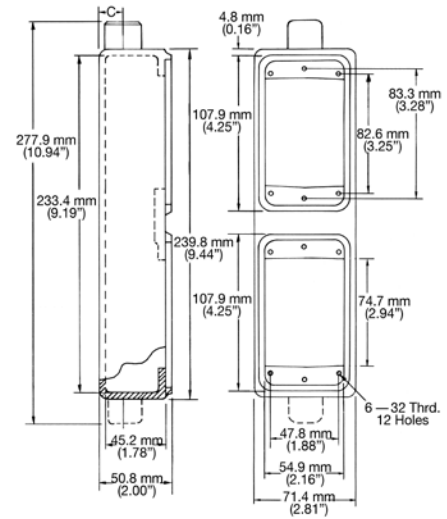
Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )		
	Single-Gang FS	Single-Gang FD	Two-Gang Tandem FS
1/2	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
3/4	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
1	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)

## Dimensions in Millimeters (Inches)

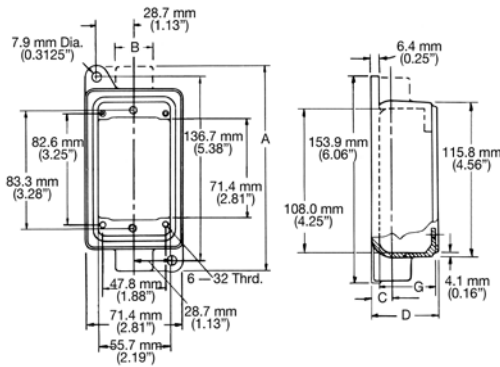
FS and FD Single Gang Boxes without lugs



FS Tandem Boxes



FS and FD Single Gang Boxes with lugs



Hub Size (Inches)	Dimensions in Millimeters (Inches)									
	D					G				
	A	B	C	“FS”	“FD”	E	F	“FS”	“FD”	H
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	38.1 (1.50)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	42.9 (1.69)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	38.1 (1.50)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	35.1 (1.38)

# FS and FD Cast Hub Device Boxes

## Wet Location Receptacle Covers Available with NEMA Configuration Receptacles or as Covers Only

Covers also accommodate Toggle Switches.

NEC:  
NEMA 3R

### Applications

- Meet NEC 406.8(B) and CEC receptacle requirements for wet locations: "A receptacle installed outdoors where exposed to weather or in other wet locations shall be in a weatherproof enclosure, the integrity of which is not affected when the receptacle is in use (attachment plug cap inserted)."
- For industrial, commercial or residential use as a general purpose receptacle or for powering portable equipment not exceeding medium duty ratings.
- Mounts on FS or FD device boxes or equivalents, either single gang or multiple gang with single gang openings.

### Features

- Provides full protection in damp or wet locations per NEC 406.8(B) and CEC. Gasketed spring door cover closes tightly automatically to protect receptacle from moisture and dirt when not in use. With plug inserted, a heavy-duty gasket in throat of receptacle seals around it to keep out moisture and dirt.
- Receptacle interiors comply with NEMA Standards WD-1 and WD-5.
- Receptacle interiors are specification grade, back and side-wired.
- Single cover units accommodate NEMA configuration receptacles for locking or non-locking blade plugs, or toggle switches. Duplex units accommodate one receptacle and one toggle switch or any combination of the two.
- Covers open all the way, permitting easy plug insertion and withdrawal. Also permits adequate access to cover screws for easy attachment of cover to FS, FD or other device box. Large head cover screws are captivated.
- Unique design of spring door hinge provides smooth action. Duplex units have a separate hinge shaft for each spring door cover to reduce stress on the shafts.
- Spring door cover puts pressure on plug (without tilting plug) to hold plug in best position for providing optimum weatherproof seal.
- Stainless steel hinge springs are completely enclosed — inside and out — for superior resistance against corrosion.
- EPDM gaskets provide superior resistance to the weather, ozone and temperatures between -45.6 °C and +126.7 °C (-50.08 °F and +260 °F).



Duplex Cover on FS Box.



Single Cover on FS Box.

- Diecast copperfree cover assemblies with epoxy powder coat (electrostatically applied for uniform coverage) to provide protection against corrosion.
- Positive ground path assured for all exposed metal parts.
- Receptacle interiors grounded through an extra contact in all types. Self-grounded in duplex units.

### Standard Materials

- Cover and faceplate: diecast copperfree (4/10 of 1%) aluminum
- Gaskets: ethylene propylene rubber (EPDM)
- Cover and device screws: stainless steel, 6—32 thread
- Hinge springs: stainless steel
- Hinge shaft: nylon
- FSK-SBA adapter: steel plate with closed cell sponged neoprene gasket

### Standard Finishes

- Cover and faceplate: epoxy powder coat
- FSK-SBA adapter: zinc electroplate

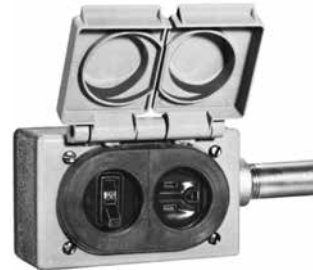
### NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527, E3439
- NEMA Standards: FB-1, OS-1

### Illustrated Features



Typical application with NEMA configuration receptacle and plug, mounted on an FS box. Gasket seals around plug, keeping out moisture and dirt. Spring door closes automatically when plug is withdrawn to protect receptacle.





Spring doors open wide for easy plug insertion and cover assembly (covers shown in open position for illustration only). This view shows gaskets that protect plugs. Gasket on bottom of cover prevents entry of moisture into device box (see gasket description).

# FS and FD Cast Hub Device Boxes

## Wet Location Receptacle Covers Available with NEMA Configuration Receptacles or as Covers Only

Covers also accommodate Toggle Switches.

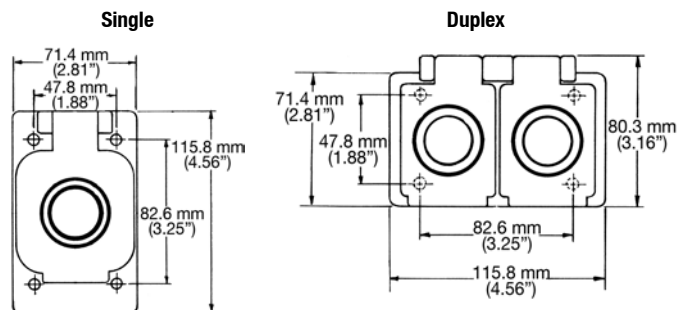
NEC:  
NEMA 3R

	Amp	Wire/Pole	Volts	NEMA Configuration	Catalog Number With Receptacle	Catalog Number Cover Only
<b>Duplex Cover for Non-Locking Blade Plugs, with 1-3/8" Device Opening</b>						
	15	2P, 3W	125	5-15R	FSKD5-15	FSK-WRD
	15	2P, 3W	250	6-15R	FSKD6-15	FSK-WRD
	20	2P, 3W	125	5-20R	FSKD5-20	FSK-WRD
	20	2P, 3W	250	6-20R	FSKD6-20	FSK-WRD
<b>Single Cover for Non-Locking and Locking Blade Plugs, with 1-3/8" Device Opening</b>						
	15	2P, 3W	125	5-15R	FSKJ5-15	FSK-WR1
	15	2P, 3W	250	6-15R	FSKJ6-15	FSK-WR1
	20	2P, 3W	125	5-20R	FSKJ5-20	FSK-WR1
	20	2P, 3W	250	6-20R	FSKJ6-20	FSK-WR1
	15	2P, 3W	125	L5-15R	FSKJL5-15	FSK-WR1
	15	2P, 3W	250	L6-15R	FSKJL6-15	FSK-WR1
	15	2P, 3W	277	L7-15R	FSKJL7-15	FSK-WR1
<b>Single Cover for Locking Blade Plugs, with 1-19/32" Device Opening</b>						
Accommodates NEMA configuration receptacles with 1-19/32" device opening.					—	FSK-WR2
<b>Single Cover for GFI — Meets NEMA 3R Wet Location in Closed Position Only</b>						
GFI Cover Only					—	FSK-WGF1
<b>Single Cover for Toggle Switches (1-19/32" opening)</b>						
Accommodates Toggle Switch. Furnished with Toggle Switch Plate to provide protection from exposed terminal wires of Toggle Switch.					—	FSK-WT2
<b>Adapter/Gasket</b>						
For mounting Receptacle Cover on Switch Boxes (not required on FS/FD Boxes)						FSK-SBA

### Dimensions in Millimeters (Inches)



Receptacle Cover mounted on Switch Box with FSK-SBA Adapter/Gasket



NOTE: All receptacle covers have an overall height of 29.5 mm (1.16 in).






① Covers shown in open position for illustration only. Spring door closes automatically when plug is withdrawn.

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-2-50	FS-2-50-A
			3/4	FS-2-75	FS-2-75-A
			1	FS-2-100	—
	FD	Deep	1/2	FD-2-50	—
			3/4	FD-2-75	FD-2-75-A
			1	FD-2-100	—
	FSC	Shallow	1/2	FSC-2-50	—
			3/4	FSC-2-75	—
			1	FSC-2-100	—
	FDC	Deep	1/2	FDC-2-50	—
			3/4	FDC-2-75	FDC-2-75-A
			1	FDC-2-100	—
	FSS	Shallow	1/2	FSS-2-50	—
			3/4	FSS-2-75	FSS-2-75-A
			1	FSS-2-100	—
	FDS	Deep	3/4	FDS-2-75	—
					—
					—
	FSD	Shallow ①	1/2-3/4	FSD-2-75	—
	FS	1" Extension ②	—	FS-2EXT	—











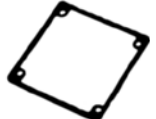
① Largest hub at bottom in illustration.

② Extension does not have a ground screw.



# FS and FD Cast Hub Device Boxes

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Steel	Aluminum
<b>Stamped Steel and Aluminum Covers — With stainless steel screws, less gasket</b>			
	For square handle tumbler or toggle flush switches	FSK-2TS	FSK-2TS-A
	For two round receptacles. Mounts on device. Hole Dia. – 1-13/32"	FSK-2R-Q	—
	For two round receptacles. Mounts directly on box. Hole Dia. – 1-13/32"	FSK-2R-W	—
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia. – 1-13/32"	FSK-2R-T	—
	For duplex flush receptacles	FSK-2DR	FSK-2DR-A
	For tumbler flush switch and duplex flush receptacles	FSK-2RS-K	—
	For round flush receptacle and duplex receptacles Hole Dia. – 1-13/32"	FSK-2R-L	—
	For round receptacles. Hole Dia. – 2-15/32	FSK-2R-M	—
	Blank Cover	FSK-2B	FSK-2B-A
		<b>Malleable Iron</b>	<b>Aluminum</b>
<b>Cast Covers — Weatherproof — With gasket and stainless steel screws</b>			
	Blank Cover	FSK-2B-CM	FSK-2B-CA
	<b>Gasket — Replacement</b>  Neoprene — for use with 2-gang cast covers above	FS-GKR-2N	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



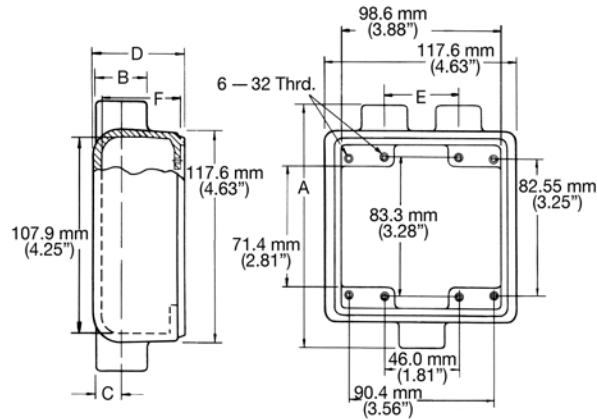
# FS and FD Cast Hub Device Boxes

NEC/CEC:  
Listed for Ordinary Locations

## Wiring Capacity

Hub Size (Inches)	FS	Capacity — dm <sup>3</sup> (in <sup>3</sup> )	FD
1/2	0.52 (32.00)		0.74 (45.00)
3/4	0.52 (32.00)		0.74 (45.00)
1	0.52 (32.00)		0.74 (45.00)

## Dimensions in Millimeters (Inches)



Hub Size (Inches)	Dimensions in Millimeters (Inches)							
	A	B	C	D		E	F	
				"FS"	"FD"		"FS"	"FD"
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	45.2 (1.78)	62.0 (2.44)

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



Appleton®

# FS and FD Cast Hub Device Boxes





UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

## Three Gang Cast Device Boxes

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top
	FS	Shallow	3/4	FS-3-75
			1	FS-3-100
	FSS	Shallow	3/4	FSS-3-75

## Cast Device Covers

	Description	Catalog Number
<b>Stamped Steel Covers — Furnished with stainless steel screws, less gasket</b>		
	For square handle tumbler or toggle flush switches	FSK-3TS
	Blank Cover	FSK-3B
<b>Malleable Iron Cast Covers — Weatherproof — Furnished with gasket and stainless steel screws</b>		
	Blank Cast Cover	FSK-3B-CM
<b>Gasket — Replacement</b>		
	Neoprene — for use with 3-gang covers above	FSK-GKR-3N

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

 **Appleton**

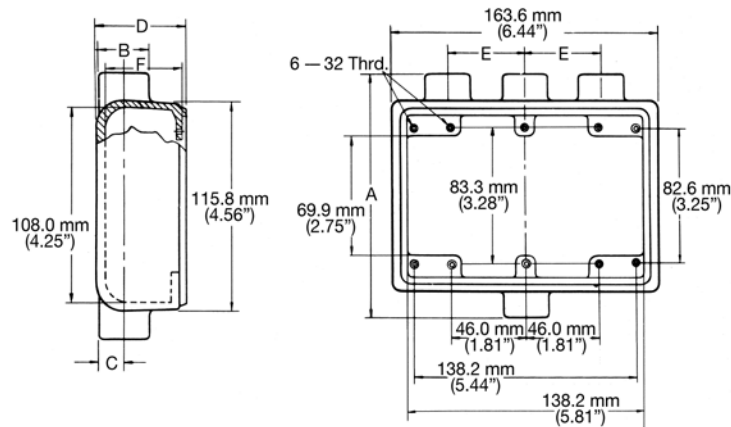
# FS and FD Cast Hub Device Boxes

NEC/CEC:  
Listed for Ordinary Locations

## Wiring Capacity

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> ) FS
1/2	0.66 (40.00)
3/4	0.66 (40.00)
1	0.66 (40.00)

## Dimensions in Millimeters (Inches)



Hub Size (Inches)	Dimensions in Millimeters (Inches)					
	A	B	C	D	E	F
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	47.8 (1.88)	45.2 (1.78)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	47.8 (1.88)	45.2 (1.78)
1	190.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	54.1 (2.13)	45.2 (1.78)

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

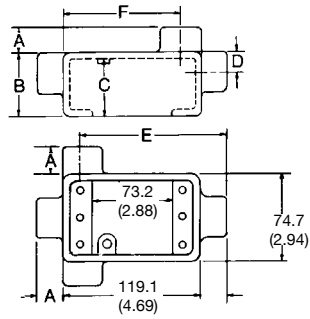
Appleton®

# FS and FD Cast Hub Device Boxes

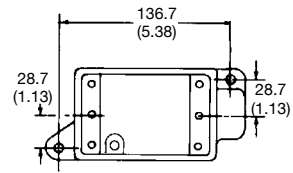
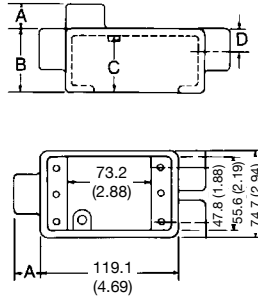
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Listed for Ordinary Locations

## Dimensions in Millimeters (Inches)

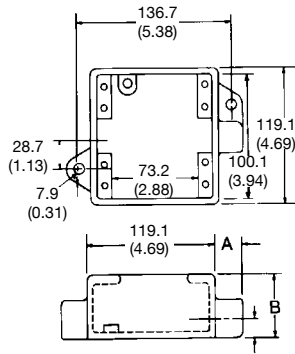
### Type FD Extra Deep



Single Gang



With Mounting Lugs



Two Gang  
With Mounting Lugs

	Hub Size (Inches)	Dimensions in Millimeters (Inches)					
		A	B	C	D	E	F
All FD Type Boxes	1/2	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	16.00 (0.63)	119.13 (4.69)	100.08 (3.94)
	3/4	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	19.05 (0.75)	115.82 (4.56)	96.77 (3.81)
	1	22.35 (0.88)	77.72 (3.06)	73.15 (2.88)	22.35 (0.88)	—	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton

# FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Conduit and IMC. All Device Boxes have Ridge Top Construction. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

## Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 41.4 mm (1.63 in) in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

## Standard Materials

- Boxes: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum
- Screws: stainless steel
- Gaskets: neoprene

## Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate

## Options

- For additional corrosion protection, specify Hot Dip Galvanized. Add suffix “-G” to catalog number. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095, E2527
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Suitable for wet locations when used with gasketed covers.
- Fed Spec: A-A-50563
- NEMA Standard: FB-1



## Illustrated Features



Gasket is designed so that it wraps around ridge top of O-Z/Gedney™ aluminum or malleable iron device box. Result is a positive seal against moisture.





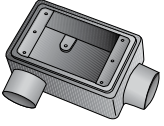
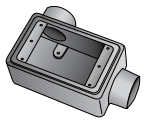
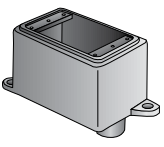

Gasket construction. Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

# FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Trade Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-1-50	FS-1-50-A
			3/4	FS-1-75	FS-1-75-A
			1	FS-1-100	FS-1-100-A
	FD	Deep	1/2	FD-1-50	FD-1-50-A
			1/2	FD-1-50ED ①	FD-1-50-AED ①
			3/4	FD-1-75	FD-1-75-A
			3/4	FD-1-75ED ①	FD-1-75-AED ①
		1	FD-1-100	—	
	FSC	Shallow	1/2	FSC-1-50	FSC-1-50-A
			3/4	FSC-1-75	FSC-1-75-A
			1	FSC-1-100	—
	FDC	Deep	1/2	FDC-1-50	FDC-1-50-A
			1/2	FDC-1-50ED ①	FDC-1-50-AED ①
			3/4	FDC-1-75	FDC-1-75-A
			3/4	FDC-1-75ED ①	FDC-1-75-AED ①
		1	FDC-1-100	—	
		1	FDC-1-100ED ①	FDC-1-100-AED ①	
	FDL	Deep	1/2	FDL-1-50	—
			3/4	FDL-1-75	—
<i>(extra deep without mounting feet)</i>					
	FDR	Deep	1/2	FDR-1-50	—
			3/4	FDR-1-75	—
<i>(extra deep without mounting feet)</i>					
	FDA	Deep	1/2	FDA-1-50 ①	—
			3/4	FDA-1-75 ①	—
	FSS	Shallow	1/2	FSS-1-50	—
			3/4	FSS-1-75	FSS-1-75-A

① Extra deep with mounting feet.  
Shaded boxes include mounting feet.

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES




OZGEDNEY

# FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

				Catalog Number	
Type	Depth	Hub Size (Inches)		Malleable Iron Ridge Top	Aluminum Ridge Top
	FSCC	Shallow	1/2	FSCC-1-50	—
			3/4	FSCC-1-75	FSCC-1-75A
	FDCC	Deep	1/2	FDCC-1-50	—
			1/2	FDCC-1-50ED ①	—
			3/4	FDCC-1-75	—
			3/4	FDCC-1-75ED ①	—
		1	FDCC-1-100	—	
	FSCT	Shallow	1/2	FSCT-1-50	—
			3/4	FSCT-1-75	—
			1	FSCT-1-100	—
	FDCT	Deep	1/2	FDCT-1-50	—
			1/2	FDCT-1-50ED ①	—
			3/4	FDCT-1-75	—
			3/4	FDCT-1-75ED ①	—
			1	FDCT-1-100	—
		1	FDCT-1-100ED ①	—	
	FSX	Shallow	1/2	FSX-1-50	—
			3/4	FSX-1-75	—
	FDX	Deep	1/2	FDX-1-50	—
			1/2	FDX-1-50ED ①	—
			3/4	FDX-1-75	—
			3/4	FDX-1-75ED ①	—

① Extra deep with mounting feet.



# FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

**NEC/CEC:**  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

Type	Depth	Hub Size (Inches)	Catalog Number	
			Malleable Iron Ridge Top	Aluminum Ridge Top

FS Two-Gang Tandem Boxes – Takes single gang covers

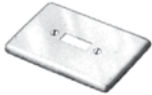







FS	Shallow	3/4	FS-2T-75	—
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# FS and FD Cast Hub Device Boxes

Steel Covers and Aluminum Covers for Ridge Top Boxes. Furnished with Stainless Steel Screws, Less Gasket.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Steel	Aluminum
	For square handle tumbler or toggle switches.	<b>FS1-SCS</b>	—
	For round receptacles. Mounts directly on box. Hole Dia. — 1-13/32".	<b>FS1-SRCS</b>	—
	For round receptacles. Mounts directly on box. Hole Dia. — 1-5/8". 3-9/32" C to C screw holes.	<b>FS1-LRCS</b>	—
	For standard 2 or 3 wire duplex receptacles.	<b>FS1-DCS</b>	—
	Blank	<b>FS1-BCS</b>	—
	Blank	<b>FS1-BC</b> <i>(Gray iron)</i>	<b>FS1-BC-A</b>

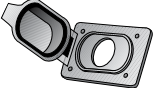




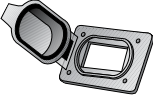
COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

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# FS and FD Cast Hub Device Boxes

Covers for Ridge Top Boxes.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Malleable Iron	Aluminum
<b>Cast Covers NEMA 3R Wet Locations – Furnished with gasket and stainless steel screws</b>			
 FS1-WRCA	Round receptacle Hole Diameter – 1-7/16"	—	FS1-WRCA
	For duplex flush receptacle with spring cover	—	FS1-WDC-A
 FS1-WPCA	For external operation of tumbler switches with square handles	—	FS1-WPCA
 FS1-WSCA	Operating type for square handle tumbler or toggle switches	—	FS1-WSCA
	Rocker type for square handle tumbler or toggle flush switches	—	FSK-1V-A
<b>Gasket – Replacement</b>			
	Neoprene—for use with wet location covers		FS1-SG
<b>Cast Covers Dry Locations – Furnished with stainless steel screws less gasket</b>			
 FS1-DC	For standard 2 or 3 wire duplex receptacles	FS1-DC	FS1-DC-A
 FS1-GFCA	Ground fault receptacle	—	FS1-GFCA

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

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# FS and FD Cast Hub Device Boxes

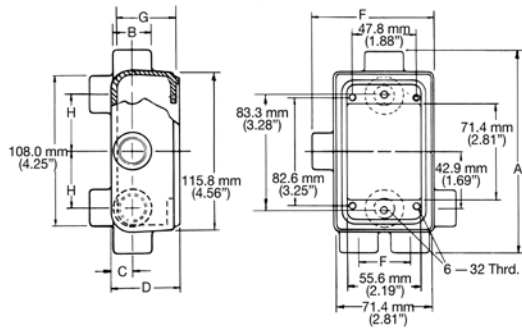
NEC/CEC:  
Listed for Ordinary Locations

## Wiring Capacity

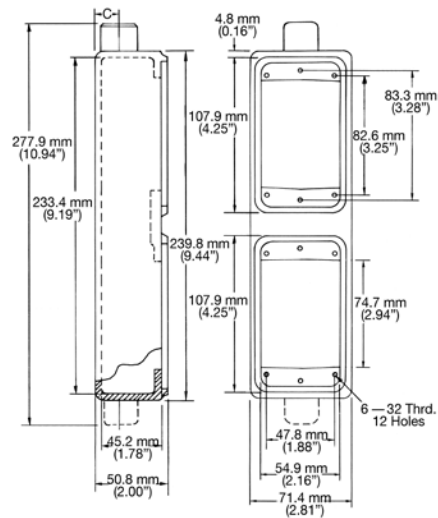
Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )		
	Single-Gang FS	Single-Gang FD	Two-Gang Tandem FS
1/2	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
3/4	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
1	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)

## Dimensions in Millimeters (Inches)

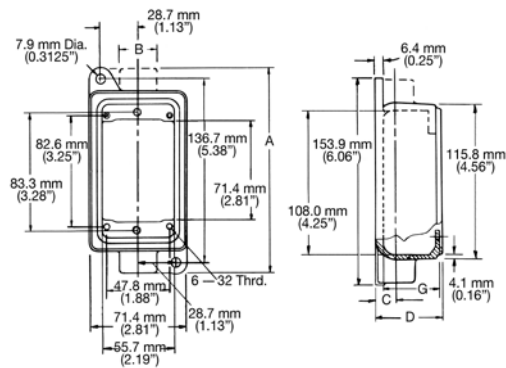
FS and FD Single Gang Boxes without lugs



FS Tandem Boxes



FS and FD Single Gang Boxes with lugs



Hub Size (Inches)	Dimensions in Millimeters (Inches)										
	A		B		C		D		G		H
	"FS"	"FD"	"FS"	"FD"	"FS"	"FD"	"FS"	"FD"	"FS"	"FD"	
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	38.1 (1.50)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	42.9 (1.69)	
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	38.1 (1.50)	
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	35.1 (1.38)	

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

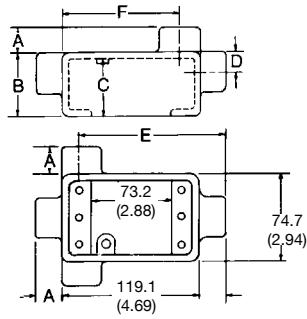
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# FS and FD Cast Hub Device Boxes

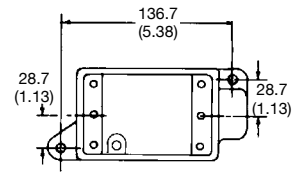
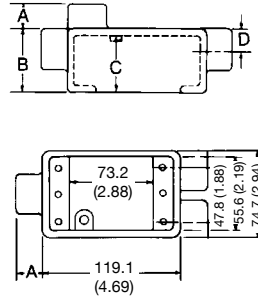
NEC/CEC:  
Listed for Ordinary Locations

## Dimensions in Millimeters (Inches)

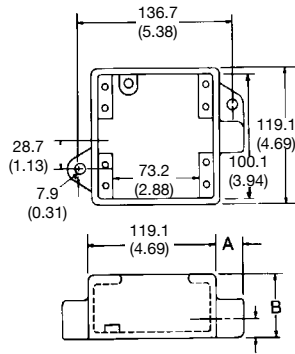
### Type FD Extra Deep



Single Gang



With Mounting Lugs



Two Gang  
With Mounting Lugs

Catalog Number	Hub Size (Inches)	Dimensions in Millimeters (Inches)					
		A	B	C	D	E	F
All FD Type Boxes	1/2	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	16.00 (0.63)	119.13 (4.69)	100.08 (3.94)
	3/4	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	19.05 (0.75)	115.82 (4.56)	96.77 (3.81)
	1	22.35 (0.88)	77.72 (3.06)	73.15 (2.88)	22.35 (0.88)	—	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



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# FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:  
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-2-50	—
			3/4	FS-2-75	FS-2-75-A
			1	FS-2-100	—
	FD	Deep	1/2	FD-2-50	—
			3/4	FD-2-75	—
			1	FD-2-100	—
	FSC	Shallow	1/2	FSC-2-50	—
			3/4	FSC-2-75	—
			1	FSC-2-100	—
	FDC	Deep	1/2	FDC-2-50	—
			3/4	FDC-2-75	—
			1	FDC-2-100	—






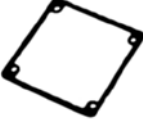
COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

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① Largest hub at bottom in illustration.  
② Extension does not have a ground screw.

# FS and FD Cast Hub Device Boxes

NEC/CEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Steel	Aluminum
<b>Stamped Steel and Aluminum Covers — With stainless steel screws, less gasket</b>			
	For square handle tumbler or toggle flush switches	FS-2-SCS	—
	For duplex flush receptacles	FS-2-DCS	—
	For tumbler flush switch and duplex flush receptacles	FS-2-SDCS	—
		Malleable Iron	Aluminum
<b>Cast Covers — Weatherproof — With gasket and stainless steel screws</b>			
	For external operation of tumbler switches with square handles	—	FS-2-WSCA
	Blank Cover	FS-2-BCS <i>FS-2-BC (Gray iron)</i>	FS-2-BCA
	<b>Gasket — Replacement</b> Neoprene — for use with 2-gang cast covers above	FS-2-SG	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

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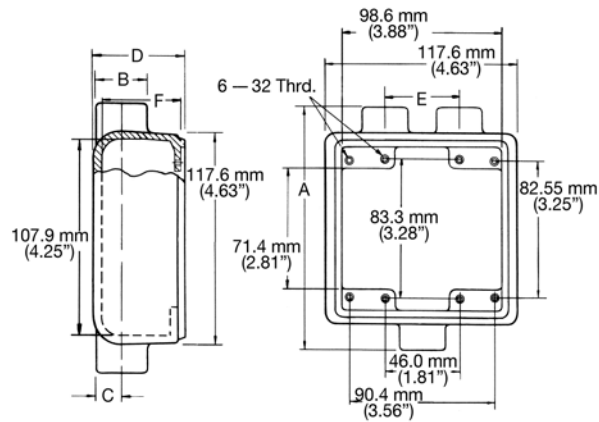
# FS and FD Cast Hub Device Boxes

NEC/CEC:  
Listed for Ordinary Locations

## Wiring Capacity

Hub Size (Inches)	Capacity — dm <sup>3</sup> (in <sup>3</sup> )	
	FS	FD
1/2	0.52 (32.00)	0.74 (45.00)
3/4	0.52 (32.00)	0.74 (45.00)
1	0.52 (32.00)	0.74 (45.00)

## Dimensions in Millimeters (Inches)



Hub Size (Inches)	Dimensions in Millimeters (Inches)							
	A	B	C	D		E	F	
				"FS"	"FD"		"FS"	"FD"
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	45.2 (1.78)	62.0 (2.44)

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

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# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

## CEC:

Listed for Ordinary Locations

## Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

## Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevent "freezing" of screws.
- Ground screw at top of box for easy access.
- Cast Hub Boxes
  - Available in single, two, three and four gang and tandem.
  - Smooth, rounded integral bushing in each hub protects conductor insulation.
- FD Blank Bodies for Brazed Hubs or Drill and Tapped Entries
  - Available in single, two, three and four gang boxes.
  - Drill and tapped entries.
  - Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4.
  - Smooth, rounded integral bushing in each hub protects conductor insulation.
  - Ground screw at top of box for easy access.

## Standard Materials

- Cast hub device boxes and boxes for drilling and tapping: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Brazed hubs: malleable iron
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum

## Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) aluminum polymer enamel
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate
- Screws: stainless steel

## Options

- Enclosures drilled for 347 Volt devices. Add suffix **-347**.



Gasket is designed so that it "wraps around" ridge top of Appleton™ aluminum or malleable iron device box. Result is a positive seal against moisture.

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 001472

## Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FS and FD Cast Device Boxes Drilling and Tapping Information* pages.

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:  
Listed for Ordinary Locations




	Size	Malleable Iron			Aluminum		
		Weight kg (lb)	Catalog Number		Weight kg (lb)	Catalog Number	
	1/2	0.88 (1.94)	<b>FS-1</b>		0.29 (0.64)	<b>FS-1A</b>	
	3/4	1.02 (2.25)	<b>FS-2</b>	Shallow	0.34 (0.75)	<b>FS-2A</b>	
	1	0.88 (1.94)	<b>FS-3</b>		0.29 (0.64)	<b>FS-3A</b>	
	1/2	1.22 (2.70)	<b>FD-1</b>		0.41 (0.90)	<b>FD-1A</b>	
	3/4	1.18 (2.60)	<b>FD-2</b>	Deep	0.42 (0.92)	<b>FD-2A</b>	
	1	1.27 (2.80)	<b>FD-3</b>		0.43 (0.94)	<b>FD-3A</b>	
	1/2	0.77 (1.70)	<b>FSA-1</b>	Shallow	0.26 (0.57)	<b>FSA-1A</b>	
	3/4	0.73 (1.60)	<b>FSA-2</b>		0.26 (0.58)	<b>FSA-2A</b>	
	1/2	0.95 (2.10)	<b>FDA-1</b>	Deep	0.32 (0.70)	<b>FDA-1A</b>	
	3/4	0.91 (2.00)	<b>FDA-2</b>		0.30 (0.67)	<b>FDA-2A</b>	
	1/2	0.95 (2.10)	<b>FSC-1</b>		0.32 (0.70)	<b>FSC-1A</b>	
	3/4	1.09 (2.40)	<b>FSC-2</b>	Shallow	0.36 (0.80)	<b>FSC-2A</b>	
	1	0.93 (2.06)	<b>FSC-3</b>		0.32 (0.70)	<b>FSC-3A</b>	
	1/2	1.27 (2.80)	<b>FDC-1</b>		0.43 (0.94)	<b>FDC-1A</b>	
	3/4	1.27 (2.80)	<b>FDC-2</b>	Deep	0.43 (0.94)	<b>FDC-2A</b>	
	1	1.36 (3.00)	<b>FDC-3</b>		0.45 (1.00)	<b>FDC-3A</b>	
	1/2	0.77 (1.70)	<b>FSCC-1</b>	Shallow	0.26 (0.57)	<b>FSCC-1A</b>	
	3/4	0.99 (2.20)	<b>FSCC-21</b> ①		0.34 (0.74)	<b>FSCC-21A</b> ①	
	1/2	1.13 (2.50)	<b>FSCT-1</b>		0.38 (0.84)	<b>FSCT-1A</b>	
	3/4	1.13 (2.50)	<b>FSCT-2</b>	Shallow	0.38 (0.84)	<b>FSCT-2A</b>	
	1	1.02 (2.25)	<b>FSCT-3</b>		0.34 (0.75)	<b>FSCT-3A</b>	
	1/2	1.36 (3.00)	<b>FDCT-1</b>		0.45 (1.00)	<b>FDCT-1A</b>	
	3/4	1.27 (2.80)	<b>FDCT-2</b>	Deep	0.43 (0.94)	<b>FDCT-2A</b>	
	1	1.41 (3.10)	<b>FDCT-3</b>		0.47 (1.03)	<b>FDCT-3A</b>	
	1/2	0.99 (2.20)	<b>FDD-1</b>		0.34 (0.74)	<b>FDD-1A</b>	
	3/4	1.04 (2.30)	<b>FDD-2</b>	Deep	0.35 (0.77)	<b>FDD-2A</b>	
	3/4	1.06 (2.34)	<b>FSL-2</b>	Shallow	0.35 (0.78)	<b>FSL-2A</b>	

① Use FD Unilets™ for wiring devices exceeding 1-5/8" in depth under fastening ears.

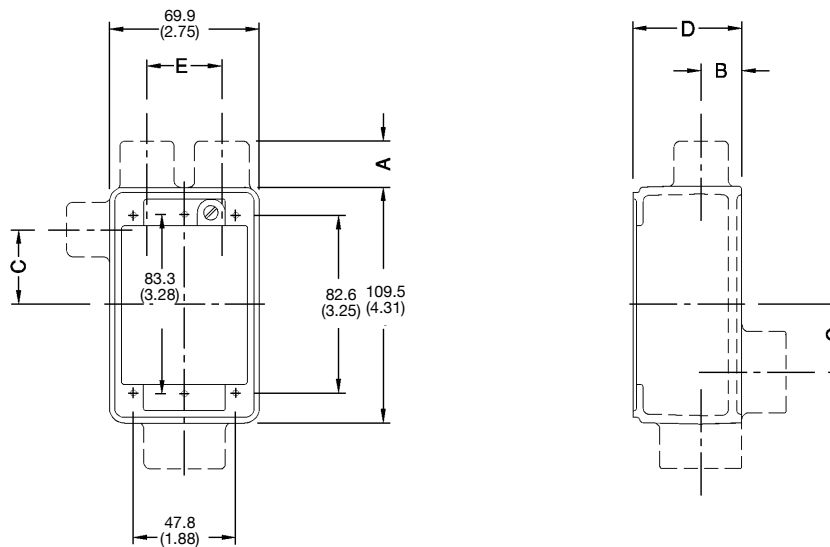
# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

**CEC:**  
Listed for Ordinary Locations

	Size		Malleable Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
	1/2	Shallow	0.82 (1.80)	<b>FSS-1</b>	Shallow	0.27 (0.60)	<b>FSS-1A</b>
	3/4		0.82 (1.80)	<b>FSS-2</b>		0.27 (0.60)	<b>FSS-2A</b>
	1/2	Shallow	1.12 (2.46)	<b>FST-1</b>	Shallow	0.37 (0.82)	<b>FST-1A</b>
	3/4		1.06 (2.33)	<b>FST-2</b>		0.35 (0.78)	<b>FST-2A</b>
	1	Deep	1.45 (3.20)	<b>FDT-3</b>	Deep	0.49 (1.07)	<b>FDT-3A</b>
	1/2	Shallow	1.25 (2.75)	<b>FSX-1</b>	Shallow	0.41 (0.91)	<b>FSX-1A</b>
	3/4		1.06 (2.34)	<b>FSX-2</b>		0.35 (0.78)	<b>FSX-2A</b>
	1/2	Deep	1.41 (3.10)	<b>FDX-1</b>	Deep	0.47 (1.03)	<b>FDX-1A</b>
	3/4		1.36 (3.00)	<b>FDX-2</b>		0.48 (1.06)	<b>FDX-2A</b>
	1		1.59 (3.50)	<b>FDX-3</b>		0.53 (1.17)	<b>FDX-3A</b>

## Dimensions in Millimeters (Inches)



FS and FD Single Gang Devices

Hub Size	A	B	C	D		E
				FS	FD	
1/2	0.3 (0.75)	0.3 (0.63)	0.6 (1.38)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)
3/4	0.3 (0.75)	0.3 (0.75)	0.6 (1.38)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)
1	0.4 (0.88)	0.4 (0.88)	0.8 (1.25)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)









COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

CEC:  
Listed for Ordinary Locations

	Description	Weight Per 100 kg (lb)	Catalog Number
<b>Single Gang Covers</b>			
	Blank Cover, Steel — Zinc Electroplate	5.44 (12.00)	<b>FS-4</b> ①
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-7/16"	5.44 (12.00)	<b>FS-5</b> ①
	Duplex Receptacle Cover, Steel — Zinc Electroplate	4.54 (10.00)	<b>FS-6</b> ①
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-5/8"	5.44 (12.00)	<b>FS-8</b> ①
	Tumbler Switch Cover, Steel — Zinc Electroplate	5.44 (12.00)	<b>FS-9</b> ①
	Tumbler Switch Cover, Steel — Zinc Electroplate	9.98 (22.00)	<b>FSK-ITS-G</b> ②
	For pilot lamp Red Jewel Amber Jewel Green Jewel Opal Jewel	11.34 (25.00)	<b>FSK-1J</b> ② <b>FSK-1JA</b> ② <b>FSK-1JG</b> ② <b>FSK-1JO</b> ②
<b>Single Gang Weatherproof Covers</b>			
	Blank Cover, Malleable Iron, Zinc Electroplate	25.40 (56.00)	<b>FS-100G</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES













① Available in Aluminum: Add suffix -A to Catalog Number.  
② Also for use with multiple gang Unilets with individual cover openings.

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

CEC:  
Listed for Ordinary Locations

Description	Catalog Number	
	Malleable Iron Ridge Top	Aluminum Ridge Top
<b>Cast Covers Only – Weatherproof – Furnished with gasket and stainless steel screws</b>		
 Receptacle cover with spring cover. Hole Diameter – 1-7/16"	<b>FSK-1VRCN</b>	—
 Rocker type for square handle tumbler or toggle switches	<b>FSK-1VCN</b>	<b>FSK-1V-ACN</b>
 For duplex flush receptacle with spring cover	<b>FSK-1VDR</b>	<b>FSK-1VDR-A</b>
 For external operation of tumbler switches with square handles	<b>FSK-1VTSCN</b>	<b>FSK-1VTSACN</b>
 Operating type for square handle tumbler or toggle switches	<b>FSK-1VSCN</b>	<b>FSK-1VS-ACN</b>
<b>Gasket – Replacement</b>		
 Neoprene – for use with cast	<b>FS-GKR-1N</b>	<b>FS-GKR-1N</b>
<b>Cast Covers Only – Furnished with stainless steel screws less gasket</b>		
 For standard 2 or 3 wire duplex receptacles	<b>FSK-1DR-CCN</b>	—
 For round flush receptacles. Hole dia. 1-7/16"	<b>FSK-1R-ZCN</b>	—
 For square handle toggle switches	<b>FSK-1TS-CCN</b>	—
 For square handle toggle switches (with protecting guard)	<b>FSA-1TSG-CCN</b>	<b>FSK-1TSG-CACN</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

 **Appleton**

# FS and FD Cast Hub Device Boxes

## Weatherproof, Raintight and Dust-tight

Covers for Ridge Top Boxes.

CEC:  
Listed for Ordinary Locations

Receptacle	Plug	Pole/Wire	Catalog Number		
			Receptacles Malleable Iron Ridge Top	Aluminum Ridge Top	Plug

Receptacle cover has threaded aluminum cap. Plug has neoprene boot and aluminum fastening ring. Furnished with receptacle, neoprene gasket, stainless steel screws.

### Non-Locking, "U" Shaped Grounding Type – Receptacle takes "U" shaped or round grounding contact plugs

#### 15 Amp, 125V



NEMA 5-15R		NEMA 5-15P		2P, 3W	FSK5-15	FSK5-15-A	FSWP5-15
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#### 20 Amp, 125V

NEMA 5-20R		NEMA 5-20P		2P, 3W	FSK5-20 ①	FSK5-20-A ①	FSWP5-20
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#### 15 Amp, 250V



NEMA 6-15R		NEMA 6-15P		2P, 3W	FSK6-15	FSK6-15-A	FSWP6-15
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#### 20 Amp, 250V

NEMA 6-20R		NEMA 6-20P		2P, 3W	FSK6-20 ②	FSK6-20-A	FSWP6-20
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### Locking Grounding Type

#### 15 Amp, 125V



NEMA L5-15R		NEMA L5-15P		2P, 3W	FSKL5-15		FSWPL5-15
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#### 15 Amp, 250V

NEMA L6-15R		NEMA L6-15P		2P, 3W	FSKL6-15		FSWPL6-15
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#### 15 Amp, 277V



NEMA L7-15R		NEMA L7-15P		2P, 3W	FSKL7-15		FSWPL7-15
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COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES




Appleton®

① Also takes FSWP5-15 Plugs.  
② Also takes FSWP6-15 Plugs.

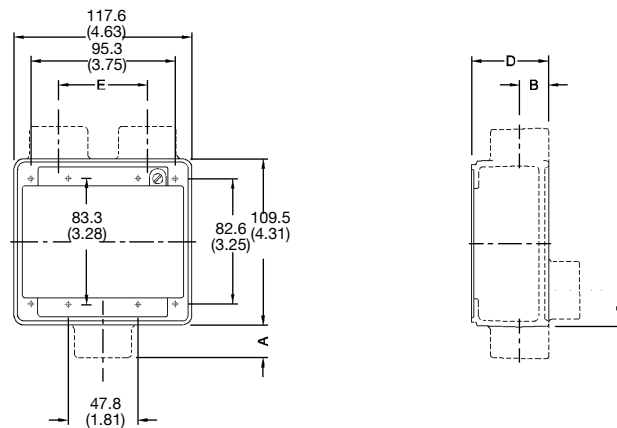
# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:  
Listed for Ordinary Locations

	Size		Gray Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
	1/2	Shallow	1.22 (2.70)	<b>FS-12</b>	Shallow	0.41 (0.90)	<b>FS-12A</b>
	3/4		1.18 (2.60)	<b>FS-22</b>		0.39 (0.87)	<b>FS-22A</b>
	1/2	Deep	1.22 (2.70)	<b>FD-12</b>	Shallow	0.41 (0.90)	<b>FD-12A</b>
	3/4		1.22 (2.70)	<b>FD-22</b>		0.41 (0.90)	<b>FD-22A</b>
	1		1.27 (2.80)	<b>FD-32</b>		0.42 (0.93)	<b>FD-32A</b>
	1/2	Shallow	1.36 (3.00)	<b>FSC-12</b>	Shallow	0.45 (1.00)	<b>FSC-12A</b>
	3/4		1.36 (3.00)	<b>FSC-22</b>		0.45 (1.00)	<b>FSC-22A</b>
	1/2	Deep	1.32 (2.90)	<b>FDC-12</b>	Deep	0.44 (0.97)	<b>FDC-12A</b>
	3/4		1.36 (3.00)	<b>FDC-22</b>		0.48 (1.06)	<b>FDC-22A</b>
	1		1.41 (3.10)	<b>FDC-32</b>		0.47 (1.03)	<b>FDC-32A</b>
	1/2 - 3/4	Shallow	1.22 (2.70)	<b>FSD-212</b> ①	Shallow	0.41 (0.90)	<b>FSD-212A</b> ①

## Dimensions in Millimeters (Inches)



FS and FD Two-Gang Devices





Hub Size	Dimensions in Millimeters (Inches)					
	A	B	C	FS	FD	E
1/2	19.1 (0.75)	16.0 (0.63)	35.1 (1.38)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)
3/4	19.1 (0.75)	19.1 (0.75)	35.1 (1.38)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)
1	22.4 (0.88)	22.4 (0.88)	31.8 (1.25)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)

① Hubs at top of illustration are 1/2".

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

CEC:  
Listed for Ordinary Locations

	Description	Weight Per 100 kg (lb)	Catalog Number
<b>Two Gang Covers</b>			
	Blank Cover, Steel – Zinc Electroplate	9.07 (20.00)	<b>FS-42</b> ①
	Round Receptacle Cover, Steel – Zinc Electroplate Hole dia. 1-7/16"	8.16 (18.00)	<b>FS-52</b> ①
	Duplex Receptacle Cover, Steel-Zinc Electroplate	6.80 (15.00)	<b>FS-62</b> ①
	Tumbler Switch Cover, Steel –Zinc Electroplate	9.07 (20.00)	<b>FS-92</b> ①
	Combination Duplex Receptacle and Tumbler Switch Cover, Steel - Zinc Electroplate	6.80 (15.00)	<b>FS-69</b> ①
	Combination Duplex Receptacle and Single Receptacle, Steel - Zinc Electroplate	6.80 (15.00)	<b>FS-65</b> ①
<b>Weatherproof Covers</b>			
	Blank Cover, Gray Iron	25.40 (56.00)	<b>FS-200G</b> ①
	For external operation of tumbler switches with square handles	113.40 (250.00)	<b>FSK-2VTS</b>
<b>Gasket – Replacement</b>			
	Neoprene - for use with 2-gang cast covers above	—	<b>FS-GKR-2N</b>

① Available in Aluminum: Add suffix -A to catalog number.



# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

**CEC:**  
Listed for Ordinary Locations

Size			Gray Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
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## FS Three Gang Bodies



3/4

Shallow

3.60 (1.63)

**FSC-23**

Shallow

0.54 (1.20)

**FSC-23A**

1

Deep

4.00 (1.81)

**FDC-33**

Deep

0.60 (1.33)

**FDC-33A**

Description	Weight Per 100 kg (lb)	Catalog Number
-------------	---------------------------	----------------

## Three Gang Covers



Duplex Receptacle Cover, Steel – Zinc Electroplate

10.43 (23.00)

**FS-63** ①



Tumbler Switch, Steel –Zinc Electroplate

11.34 (25.00)

**FS-93** ①

## Weatherproof Covers



Blank Cover, Gray Iron

54.43 (120.00)

**FS-300G** ①

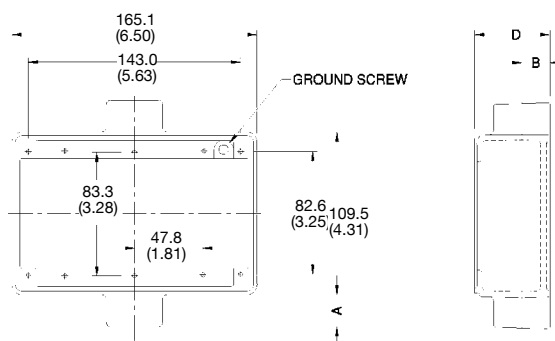


For external operation of tumbler or toggle switches with square handles

149.69 (330.00)

**FSK-3VTS**

## Dimensions in Millimeters (Inches)



Three Gang Devices

Hub Size	D					
	A	B	C	FS	FD	E
1/2	19.1 (0.75)	16.0 (0.63)	35.1 (1.38)	50.8 (2.00)	69.9 (2.75)	55.6 (2.19)
1	22.4 (0.88)	22.4 (0.88)	31.8 (1.25)	50.8 (2.00)	69.9 (2.75)	55.6 (2.19)

① Available in Aluminum: Add suffix -A to catalog number.

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:  
Listed for Ordinary Locations

## Features

- Thick wall on all four sides.
- Drill and tap anywhere on sidewalls.
- Ground screw at top of box for easy access.
- Two exterior mounting lugs.
- Fits standard sheet metal device covers with four mounting holes.
- Weatherproof when used with gasketed cast weatherproof device covers.

## Standard Materials

- Malleable iron or copperfree (4/10 of 1% max.) aluminum

## Standard Finishes

- Malleable iron: triple-coat — (1) zinc electroplate, (2) chromate, and (3) aluminum polymer enamel
- Aluminum: epoxy powder coat

## Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FS and FD Cast Device Boxes Drilling and Tapping Information* page.

Description	Catalog Number	
	Gray Iron	Aluminum

FDO Unilets with Lugs: FD depth 2-19/32" — Maximum hub size 1-1/2" threaded, and 1-1/4" no-thread or union.



Single-Gang	FDO-1	FDO-1A
Two-Gang	FDO-2	FDO-2A
Three-Gang	FDO-3	FDO-3A
Four-Gang	FDO-4	FDO-4A

FD Unilets with Lugs: FD depth 2.69" — Takes single gang covers



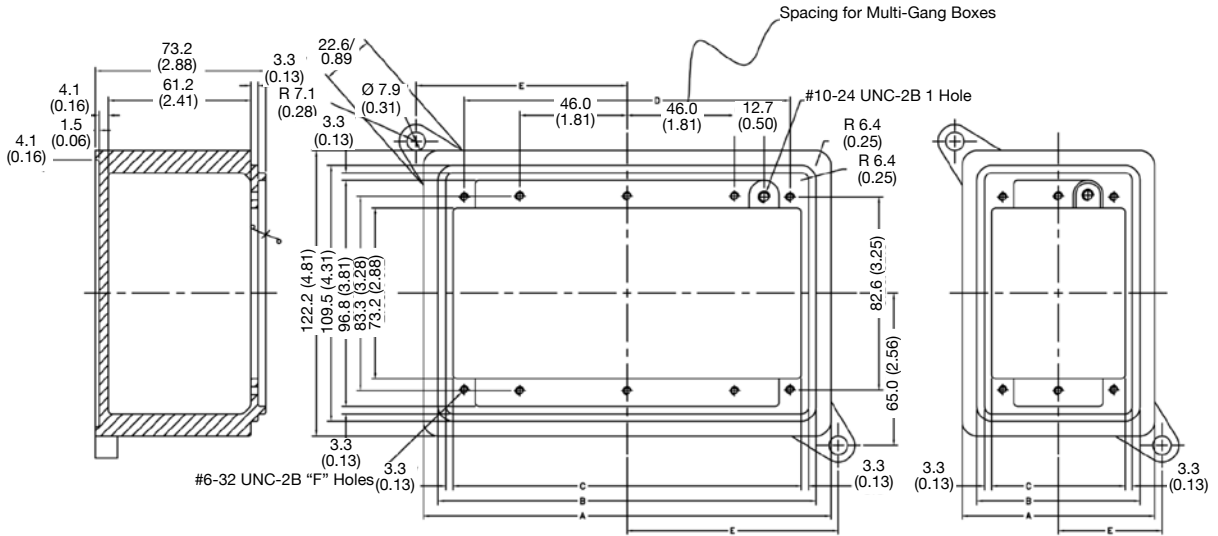
Single-Gang	FD-1L	—
Two-Gang	FD-2L	—
Three-Gang	FD-3L	—
Four-Gang	FD-4L	—

# FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

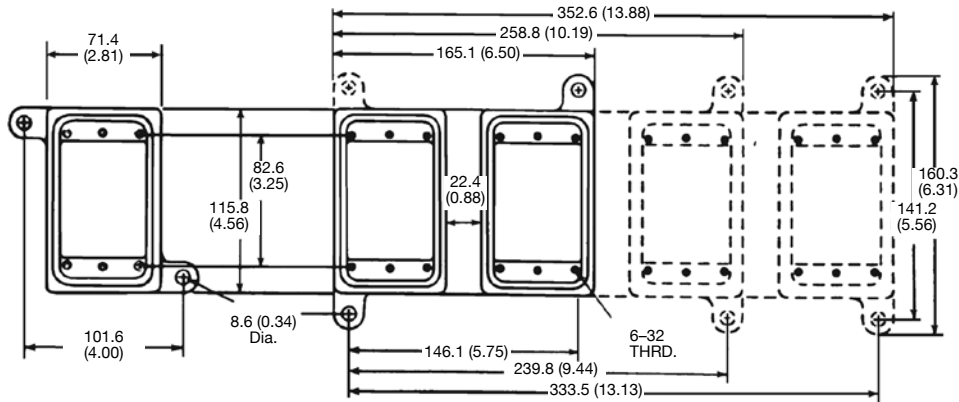
**CEC:**  
Listed for Ordinary Locations

## Dimensions in Millimeters (Inches)



### FDO Unilets

No. of Gangs	A	B	C	D	E	F
1	82.60 (3.25)	69.90 (2.75)	58.67 (2.31)	47.80 (1.88)	44.50 (1.75)	152.40 (6.00)
2	130.30 (5.13)	117.60 (4.63)	106.40 (4.19)	95.30 (3.75)	68.30 (2.69)	203.20 (8.00)
3	177.80 (7.00)	165.10 (6.50)	154.00 (6.06)	143.00 (5.63)	92.20 (3.63)	254.00 (10.00)
4	225.60 (8.88)	212.90 (8.38)	201.70 (7.94)	190.50 (7.50)	115.80 (4.56)	304.80 (12.00)



### FD Unilets with Lugs

# FS and FD Cast Hub Device Boxes

## Malleable Iron, Aluminum

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

**CEC:**  
Listed for Ordinary Locations

### Hub Information

Listed below are the various types of brazed hubs which may be used with the FD Unilets and the FDO box. Threaded, no-thread and union hubs may be brazed at any desired location.

It is possible to place more than five hubs on the top and bottom of three and four-gang Unilets.

Look at the chart below for the maximum hub diameter and the minimum hub spacing distance. This chart, together with the Unilet dimensions will enable you to figure the maximum number of hubs which may be used.

The hubs will be symmetrically placed about the axis of the Unilets unless exact dimensions are specified on the order.

	Size	Threaded for Rigid Conduit	No Thread for Rigid Conduit	No Thread for Electrical Metallic Tubing	Union
Maximum Hub Size	FS	1	3/4	3/4	3/4
	FD	1-1/2	1-1/4	1-1/4	1-1/4
Maximum Hub Diameter	1/2	1-1/8	1-1/2	1-1/8	1-1/2
	3/4	1-3/8	1-25/32	1-3/8	1-25/32
	1	1-9/16	2-1/32	1-9/16	2-1/32
	1-1/4	1-15/16	2-25/32	1-15/16	2-25/32
	1-1/2	2-3/16	—	—	—
Maximum Distance Between Conduit Centers	1/2	1-1/4	1-9/16	1-1/4	1-9/16
	3/4	1-1/2	1-27/32	1-1/2	1-27/32
	1	1-3/4	2-3/32	1-3/4	2-3/32
	1-1/4	2-1/8	2-29/32	2-1/8	2-29/32
	1-1/2	2-3/8	—	—	—

# FS and FD Cast Hub Device Boxes

## Malleable Iron, Aluminum

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:  
Listed for Ordinary Locations

### Ordering Data

To determine the catalog numbers of Unilets with drilled and tapped entries or hubs, the following information should be shown:

1. Unilet catalog number.
2. Sketch number of entry arrangement selected from illustrations below.
3. Entry symbols taken from the table right. Start from the left on the top of the Unilet and continue in rotation clockwise around its body. Where no entry is required, the symbol X should be inserted. The three various divisions of the catalog number should be separated by dashes.

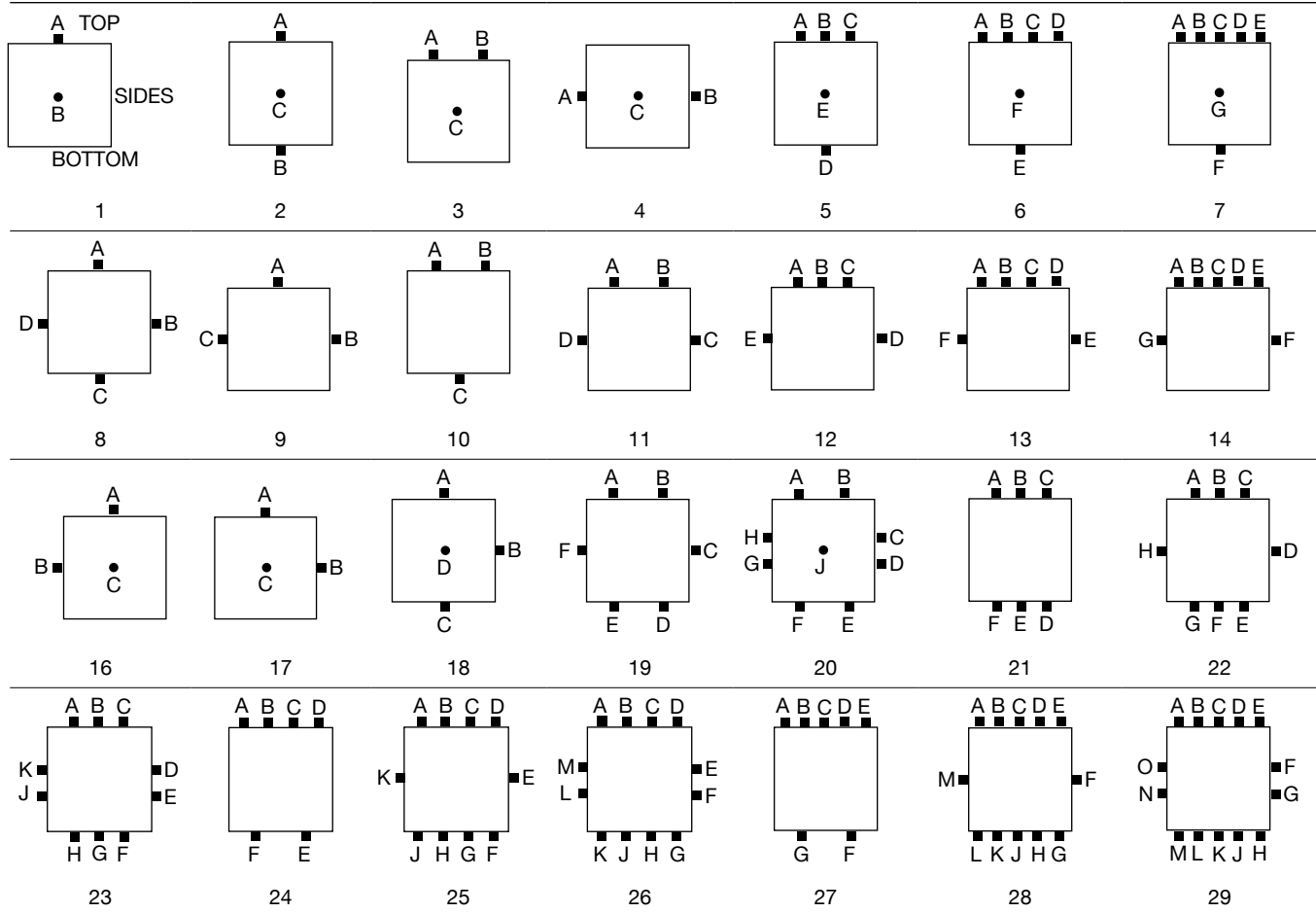
### Ordering Example:

The Unilet selected is an FDO4 and the entry arrangement is sketch number 12. Entry A, B and C are to be 1/2" drilled and tapped for rigid conduit; D is to be a 1" hub and there is no entry at location E. The catalog number will be as follows FDO4-12-111CX.

### Symbol Table

Hub Size (Inches)	Brazen Threaded Hub Symbol	Brazen Union Hub Symbol
Blank	X	X
1/2	1	A
3/4	2	B
1	3	C
1-1/4	4	D
1-1/2	5	E
2	6	F

### Single, Two, Three and Four-Gang — Front view and oriented as mounted



# FDB Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.  
Threaded Drilled and Tapped Openings from 1/2" thru 1-1/2".

**NEC:**  
Listed for Ordinary Locations

## Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

## Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Internal grounding screws standard.
- Available in single, two and three gang boxes.
- All boxes have mounting lugs.

## Standard Materials

- Cast device boxes and boxes for drilling and tapping: malleable iron or copperfree (4/10 of 1% max.) aluminum

## Standard Finishes

- Malleable iron boxes: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes: epoxy powder coat

## NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

## Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FDB Blank Cast Device Boxes, Drilling and Tapping Information* page.



Blank Bodies for Drilling and tapping. FDB-3L shown.





Blank Bodies for Brazed Hubs. FS-2G shown.

# FDB Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw. Threaded Drilled and Tapped Openings for Sizes 1/2" thru 1-1/2".

NEC:  
Listed for Ordinary Locations

Description	Depth (2.69" Deep with Lugs)	Catalog Number	
		Malleable Iron Ridge Top	Aluminum Ridge Top
<b>Single Gang Box</b>			
 <p>Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)</p>	Deep	FDB-1L	FDB-1L-A
<b>Two-Gang Box, Multiple Cover</b>			
 <p>Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)</p>	Deep	FDB-2L	FDB-2L-A
<b>Three-Gang Box, Multiple Cover</b>			
 <p>Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)</p>	Deep	FDB-3L	FDB-3L-A
<b>Two-Gang Box, Single Cover</b>			
 <p>Use with all two-gang covers. May be drilled and tapped in back of box (wall opposite cover) as well as top, bottom and sides</p>	Deep	FDB-2GL	—
<b>Three-Gang Box, Single Cover</b>			
 <p>Use with all three-gang covers. May be drilled and tapped in back of box (wall opposite cover) as well as top, bottom and sides</p>	Deep	FDB-3GL	—

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton®

# FDB Single and Multiple Gang Cast Device Boxes

Single, Two, and Three Gang Boxes. Drilled and Tapped Openings from 1/2" thru 1-1/2".

NEC:  
Listed for Ordinary Locations

### Determine catalog number as follows:

- (1) Select FDB device box catalog number;
- (2) Select "Standard Conduit Opening Arrangement Diagram" number;
- (3) Determine if your desired number and trade size of conduit entries will fit in the FDB box chosen by reviewing the "Maximum Number and Size..." table on page B-19. Select a larger box if you experience a fit problem, and
- (4) Select symbols that represent conduit opening sizes from "Symbol Table."  
(Use "0" where no opening is required and separate the various divisions of the complete catalog number by dashes.)

### Example

The blank body device box selected is FDB-3GL and the conduit-opening arrangement is diagram #6. Conduit opening "a" is to be 3/4"; "b", 1"; "c", no opening required; and "d", 1-1/2".

The complete catalog number will be:  
**FDB-3GL-6-BC0E**

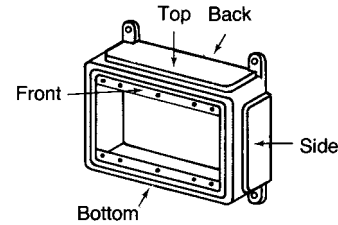
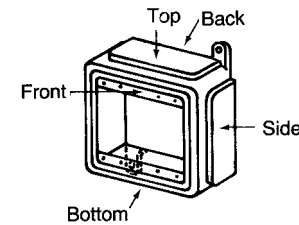
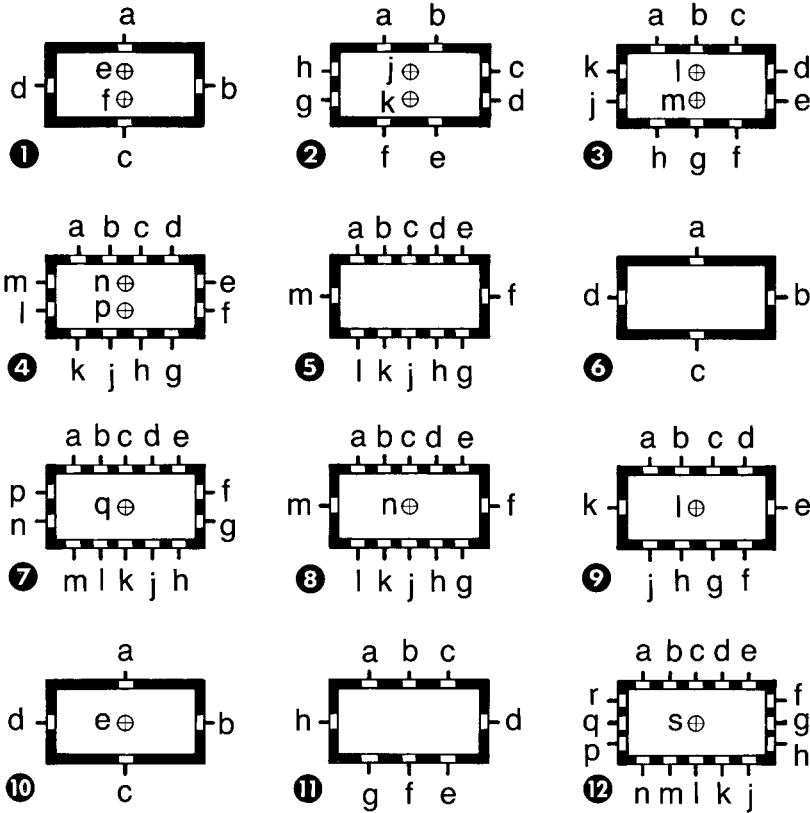
If a "Standard Conduit Opening Arrangement" is not suitable for the application, or when openings are to be more accurately spaced, submit sketch locating openings (1) from centerlines of box and (2) from outside back of box (or from mounting lug surface if lugs are supplied).

**All conduit openings will be located in centerlines of walls and evenly spaced unless otherwise specified.**

### Standard Conduit Opening Arrangement Diagrams

Hub "a" is always TOP of box

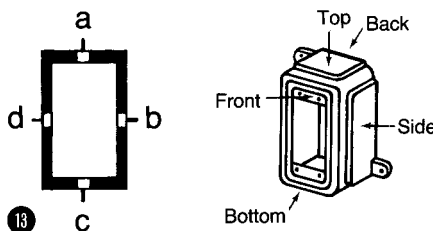
#### Two and Three Gang (Front View)



### Symbol Table

Size of Opening (Inches)	Drilled and Tapped Hole Symbol
Blank	0
1/2	A
3/4	B
1	C
1-1/4	D
1-1/2	E

#### One Gang (Front View)





# FDB Single and Multiple Gang Cast Device Boxes

Single, Two, and Three Gang Boxes. Drilled and Tapped Openings from 1/2" thru 1-1/2".

**NEC:**  
Listed for Ordinary Locations

## Minimum Centerline Spacing Between Drilled and Tapped Conduit Openings ①

Allowance made for clearance over Appleton™ BBU Series bushings.  
If unions are used, additional space must be allowed.

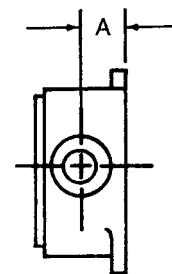
Table shows minimum distances between conduit-opening centerlines in various size combinations. For example, if 3/4" and 1/2" openings are to be drilled and tapped into one side of box, the minimum spacing between centerlines would be 1.31".

### Minimum Centerline Spacing in Millimeters (Inches)

Opening Size (Inches)	1/2	3/4	1	1-1/4	1-1/2
1/2	30.2 (1.19)	—	—	—	—
3/4	33.3 (1.31)	36.6 (1.44)	—	—	—
1	36.6 (1.44)	39.6 (1.56)	42.9 (1.69)	—	—
1-1/4	41.4 (1.63)	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	—
1-1/2	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	55.6 (2.19)	58.7 (2.31)
BBU Bushing Dia.	26.9 (1.06)	33.3 (1.31)	39.6 (1.56)	49.3 (1.94)	55.6 (2.19)
UNY/UNF™ Union Dia.	38.1 (1.50)	44.5 (1.75)	50.8 (2.00)	71.4 (2.81)	77.7 (3.06)
Conduit Dia.	22.4 (0.88)	26.9 (1.06)	33.3 (1.31)	42.9 (1.69)	49.3 (1.94)

## Distance from Mounting Surface to Centerline of Drilled and Tapped Conduit Opening

Conduit Opening (Inches)	Dim. "A" Millimeters (Inches)	
	FDB-1L FDB-2L FDB-3L	FDB-2GL FDB-3GL
1/2	26.9 (1.06)	26.9 (1.06)
3/4	30.2 (1.19)	30.2 (1.19)
1	33.3 (1.31)	33.3 (1.31)
1-1/4	35.1 (1.38)	36.6 (1.44)
1-1/2	37.75 (1.25)	38.1 (1.50)



## Maximum Number and Sizes of Drilled and Tapped Conduit Openings Per Top, Bottom, Side and Back \*

Allowance made for clearance over Appleton™ BBU Series bushings.

Type Box	Size (Inches)	Max. No. Of Openings			Type Box	Size (Inches)	Max. No. Of Openings		
		Top or Bottom	Per Side	Back			Top or Bottom	Per Side	Back
FDB-1L One Single-Gang Cover	1/2	1	1	none	FDB-2GL One Two-Gang Cover	1/2	3	3	2
	3/4	1	1			3/4	2	2	2
	1	1	1			1	2	2	2
	1-1/4	1	1			1-1/4	2	2	1
	1-1/2	1	1			1-1/2	1	1	1
FDB-2L Two Single-Gang Covers	1/2	4	3	none	FDB-3GL One Three-Gang Cover	1/2	5	3	2
	3/4	4	2			3/4	4	2	2
	1	3	2			1	3	2	2
	1-1/4	3	2			1-1/4	3	2	1
	1-1/2	2	1			1-1/2	2	1	1
FDB-3L Three Single-Gang Covers	1/2	7	3	none					
	3/4	6	2						
	1	5	2						
	1-1/4	4	2						
	1-1/2	3	1						

① Conduit openings will be located in centerline of walls and evenly spaced unless otherwise specified.

# FDB Single and Multiple Gang Cast Device Boxes

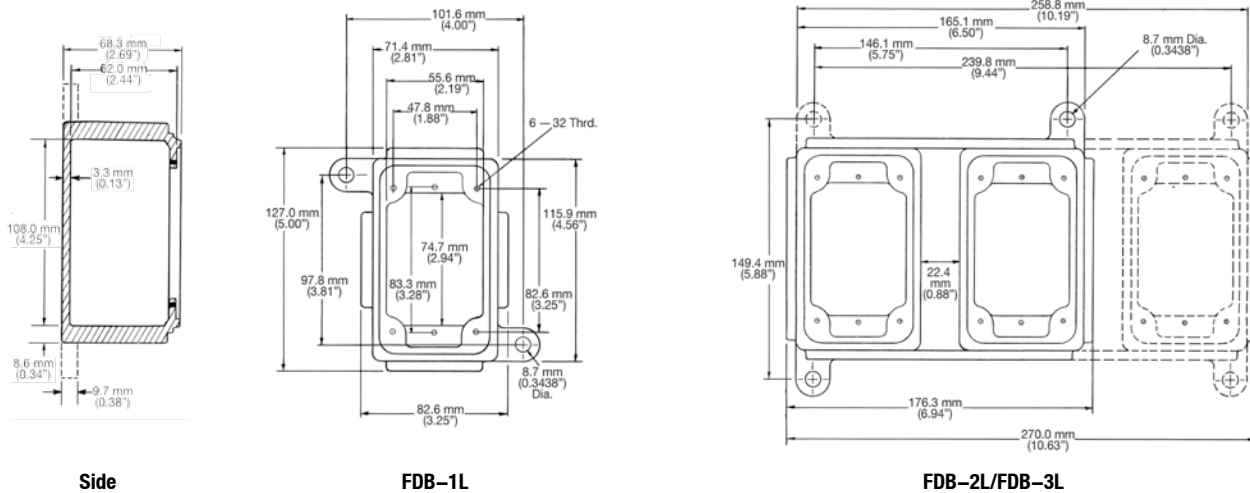
NEC:  
Listed for Ordinary Locations

## Wiring Capacity

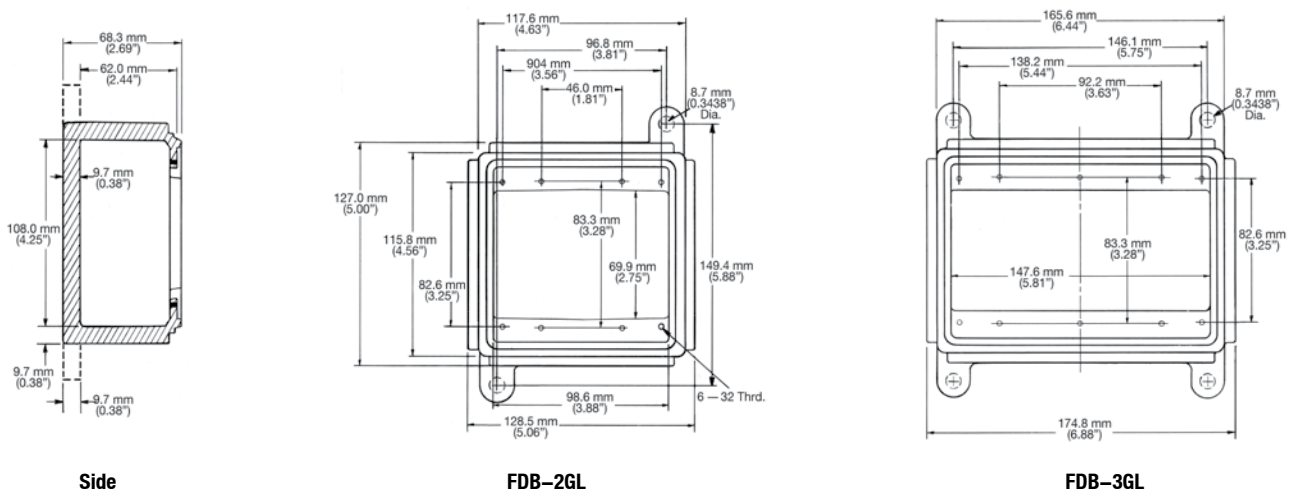
Gangs	Catalog Number	Volume — dm <sup>3</sup> (in <sup>3</sup> )
Single	FDB-1L	0.43 (26.00)
Two	FDB-2L	1.07 (65.00)
Three	FDB-3L	1.61 (98.00)
Two	FDB-2GL	0.74 (45.00)
Three	FDB-3GL	1.02 (62.00)

Dimensions in Millimeters (Inches) — All cover and device screws 6—32 thread.

### FDB Single, Two, and Three Gang Multiple Cover Boxes.



### FDB Two and Three Gang Single Cover Boxes.



COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



# FDH Single and Multiple Gang Cast Device Boxes

## Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4").  
Furnished with Internal Ground Screw.

### NEC:

Listed for Ordinary Locations

### Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

### Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two, three and four gang boxes.
- Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

### Standard Materials

- Brazed hub device boxes: malleable iron
- Brazed hubs: malleable iron
- Covers: malleable iron or steel
- Cover screws: stainless steel, 6—32 thread

### Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

### NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

### Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FDH Cast Device Boxes Drilling and Tapping Information* pages.



Blank Bodies for Drilling and tapping. FD-3L shown.







Blank Bodies for Brazed Hubs. FS-3G shown.

# FDH Single and Multiple Gang Cast Device Boxes

## Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4").  
Furnished with Internal Ground Screw.

NEC:  
Listed for Ordinary Locations

Description	Depth (2.69" Deep with Lugs)	Catalog Number Malleable Iron Ridge Top
<p><b>Single-Gang Box</b></p>  <p>Use with single-gang covers</p>	Deep	<b>FD-1L</b>
<p><b>Two-Gang Box, Multiple Cover</b></p>  <p>Use with single-gang covers</p>	Deep	<b>FD-2L</b>
<p><b>Three-Gang Box, Multiple Cover</b></p>  <p>Use with single-gang covers</p>	Deep	<b>FD-3L</b>
<p><b>Four-Gang Box, Multiple Cover</b></p>  <p>Use with single-gang covers</p>	Deep	<b>FD-4L</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



# FDH Single and Multiple Gang Cast Device Boxes

## Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4").  
Furnished with Internal Ground Screw.

NEC:

Listed for Ordinary Locations




FS Box (Shallow) 2.00", FD Box (Deep) 2.69"

	Brazed Hubs Description	Depth	Catalog Number Malleable Iron Ridge Top
<b>FS and FD with Lugs</b>			
	Single-Gang Box	Shallow	<b>FS-1GL</b>
	Two-Gang Box	Shallow	<b>FS-2GL</b>
	Single Cover	Deep	<b>FD-2GL</b>
	Three-Gang Box	Shallow	<b>FS-3GL</b>
	Single Cover	Deep	<b>FD-3GL</b>
	Four-Gang Box	Shallow	<b>FS-4GL</b> ①
	Single Cover	Deep	<b>FD-4GL</b>
<b>FS and FD without Lugs</b>			
	Two-Gang Box	Shallow	<b>FS-2G</b> ①
	Single Cover	Deep	<b>FD-2G</b>
	Three-Gang Box	Shallow	<b>FS-3G</b> ①
	Single Cover	Deep	<b>FD-3G</b>
	Four-Gang Box	Shallow	<b>FS-4G</b> ①
	Single Cover	Deep	<b>FD-4G</b>

① Not furnished with internal ground screw.

# FDH Single and Multiple Gang Cast Device Boxes

NEC:  
Listed for Ordinary Locations

	Description	Catalog Number	
		Malleable Iron	Steel
	<p><b>Stamped Steel Covers</b></p> <p>Furnished with stainless steel screws, less gasket For square handle tumbler or toggle flush switches</p>	—	<b>FSK-4TS</b>
	<p><b>Malleable Iron Cast Covers - Weatherproof</b></p> <p>Furnished with gasket and stainless steel screws Blank Cast</p>	<b>FSK-4B-CM</b>	—
	<p><b>Gasket — Replacement</b></p> <p>Neoprene — for use with 4-gang cast covers above</p>	<b>FS-GKR-4N</b>	<b>FS-GKR-4N</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES



# FDH Single and Multiple Gang Cast Device Boxes

Single-, Two-, Three-, and Four-Gang Boxes. Brazed Threaded Hubs for Rigid Conduit, 1/2" through 1-1/2"; Brazed Union Hubs, 1/2" through 1-1/4".

**NEC:**  
Listed for Ordinary Locations

## Determine catalog number as follows:

- (1) Select FDH device box catalog number;
- (2) Select "Standard Hub Arrangement Diagram" number;
- (3) Determine if your desired number and trade size of conduit entries will fit in the FDH box chosen, by reviewing the "Maximum Number and Size..." table on page B-25. Select a larger box if you experience a fit problem; and
- (4) Select symbols that represent hub sizes from "Symbol Table." (Use "0" where no hub is required, and separate the various divisions of the complete catalog number by dashes.)

### Example:

The blank body device box selected is FS-3GL and the hub arrangement is diagram #8. Hub "a" is to be 1/2" BRAZED THREADED; hub "b", 1" BRAZED THREADED; hub "c", 3/4" BRAZED THREADED; hub "d", no hub is required; and hub "e", 1-1/4" BRAZED UNION.

The complete catalog number will be:  
**FS-3GL-8-1320U**

If a "Standard Hub Arrangement" is not suitable for the application, or when hubs are to be more accurately spaced, submit sketch locating hubs (1) from centerlines of walls and (2) from outside back of box (or from mounting lug surface if lugs are supplied).

**All hubs will be located in centerlines of walls and evenly spaced unless otherwise specified.**

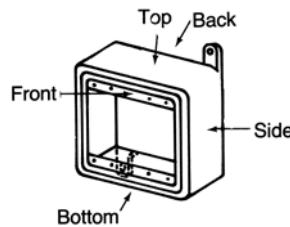
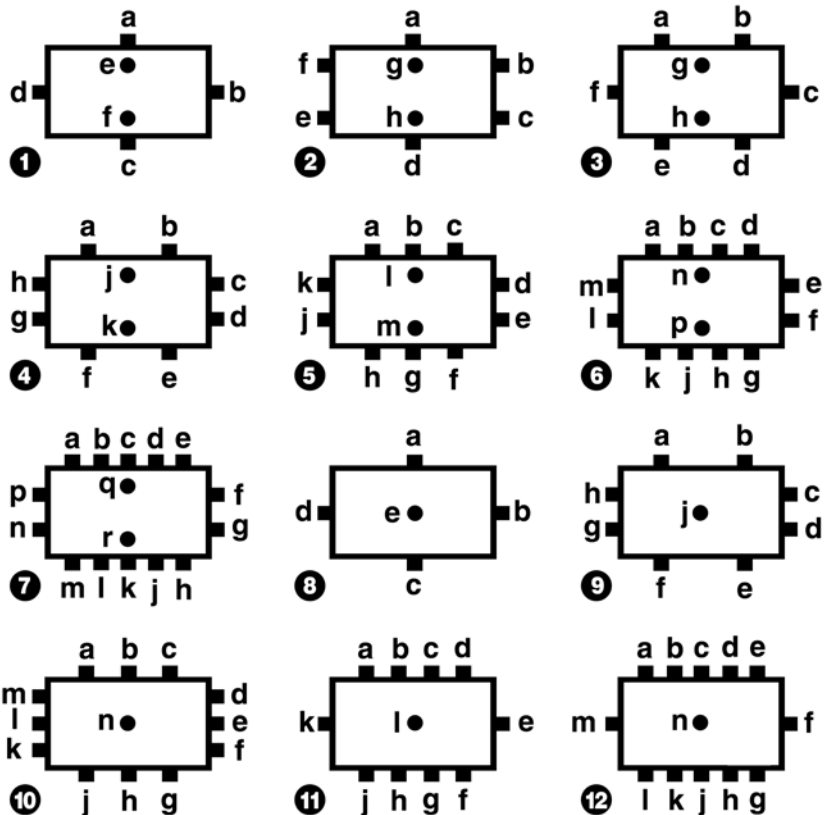
### Symbol Table

Hub Size (Inches)	Brazed Threaded Hub Symbol	Brazed Union Hub Symbol
Blank	0	0
1/2	1	R
3/4	2	S
1	3	T
1-1/4	4	U
1-1/2	5	-

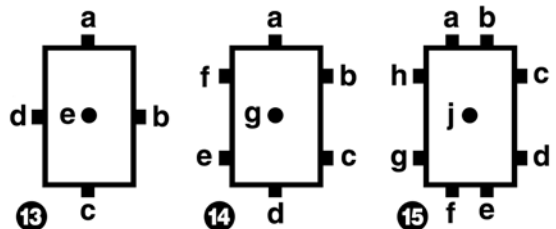
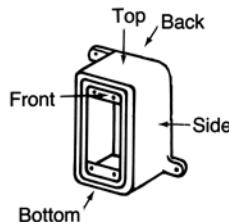
## Standard Conduit Opening Arrangement Diagrams

Hub "a" is always TOP of box

### Two, Three and Four Gang (Front View)



One Gang (Front View)



# FDH Single and Multiple Gang Cast Device Boxes

Single-, Two-, Three-, and Four-Gang Boxes. Brazed Threaded Hubs for Rigid Conduit, 1/2" through 1-1/2"; Brazed Union Hubs, 1/2" through 1-1/4".

**NEC:**  
Listed for Ordinary Locations

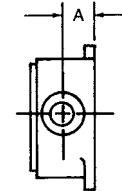
## Minimum Centerline Spacing Between Brazed Threaded Hubs ①

Table shows minimum distances between hub centerlines in various size combinations. For example, if 1-1/4" and 1/2" openings are to be brazed on one side of box, the minimum spacing between centerlines would be 1.75". If union hubs are used, additional space must be allowed.

### Minimum Centerline Spacing in Inches

Hub Size (Inches)	1/2	3/4	1	1-1/4	1-1/2
1/2	31.8 (1.25)				
3/4	35.1 (1.38)	38.1 (1.50)			
1	39.6 (1.56)	42.9 (1.69)	46.0 (1.81)		
1-1/4	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	55.6 (2.19)	
1-1/2	49.3 (1.94)	52.3 (2.06)	55.6 (2.19)	60.5 (2.38)	65.0 (2.56)
Hub Dia.	28.7 (1.13)	35.0 (1.38)	41.4 (1.63)	50.8 (2.00)	60.5 (2.38)
Conduit Dia.	22.4 (0.88)	26.9 (1.06)	33.3 (1.31)	42.9 (1.69)	49.3 (1.94)
UNY/UNF Union Dia.	38.1 (1.50)	44.5 (1.75)	50.8 (2.00)	71.4 (2.81)	—

## Distance from Mounting Surface to Centerline of Brazed Threaded Hubs



Hub Size (Inches)	Dimensions "A" Millimeters (Inches)
1/2	16.0 (0.63)
3/4	19.1 (0.75)
1	22.4 (0.88)
1-1/4	27.7 (1.09)
1-1/2	31.0 (1.22)

## Maximum Number and Sizes of Drilled and Tapped Conduit Openings Per Top, Bottom, Side and Back ①

Allowance made for clearance over Appleton™ BBU Series bushings.

Type Box	Hub Size (Inches)	Max. No. Of Openings			Type Box	Hub Size (Inches)	Max. No. Of Openings		
		Top or Bottom	Per Side	Back			Top or Bottom	Per Side	Back
FD-1L One Single-Gang Cover	1/2	2	2	1	FS-3G and FS-3GL One Three-Gang Cover	1/2	4	2	6
	3/4	1	2	1		3/4	3	2	6
	1	1	2	1		1	3	2	6
	1-1/4	1	1	1		1-1/4	None	None	3
FD-2L Two Single Gang Covers	1-1/2	1	1	1	FS-4G and FS-4GL One Four Gang Cover	1-1/2	None	None	3
	1/2	4	2	4		1/2	5	2	8
	3/4	2	2	4		3/4	4	2	8
	1	2	2	4		1	4	2	8
FD-3L Three Single Gang Covers	1-1/4	2	1	2	FD-2G and FD-2GL One Two Gang Cover	1-1/4	None	None	4
	1-1/2	2	1	2		1-1/2	None	None	4
	1/2	6	2	6		1/2	3	24	
	3/4	3	2	6		3/4	2	2	4
FD-4L Four Single Gang Covers	1	3	2	6	FD-3G and FD-3GL One Three Gang Cover	1	2	2	4
	1-1/4	3	1	3		1-1/4	1	1	2
	1-1/2	3	1	3		1-1/2	1	1	2
	1/2	8	2	8		1/2	4	26	
FS-1GL One Single Gang Cover	3/4	4	2	8	FD-4G and FD-4GL One Four Gang Cover	3/4	3	2	6
	1	4	2	8		1	3	2	6
	1-1/4	4	1	4		1-1/4	2	1	3
	1-1/2	4	1	4		1-1/2	2	1	3
FS-2G and FS-2GL One Two Gang Cover	1/2	2	2	1	FD-4G and FD-4GL One Four Gang Cover	1/2	5	28	
	3/4	1	2	1		3/4	4	2	8
	1	1	2	1		1	4	2	8
	1-1/4	None	None	1		1-1/4	3	1	4
FS-2G and FS-2GL One Two Gang Cover	1-1/2	None	None	1	1-1/2	3	1	4	
	1/2	3	2	4					
	3/4	2	2	4					
	1	2	2	4					

① Hubs will be located in center of walls and evenly spaced unless otherwise specified. Where spacings are critical, submit sketch showing exact spacing requirements.

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES





# FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs.

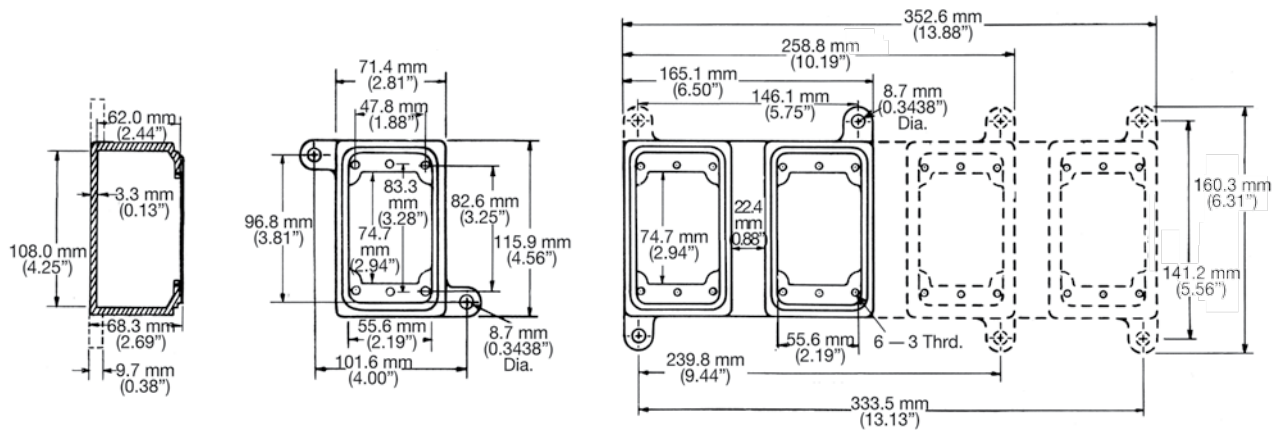
**NEC:**  
Listed for Ordinary Locations

## Wiring Capacity

Gangs	Catalog Number	Capacity — dm <sup>3</sup> (in <sup>3</sup> )	
		Volume	Volume
Single	FS-1GL	0.29 (18.00)	FD-1L 0.43 (26.00)
Two	FS-2G	0.52 (32.00)	FD-2G, FD-2GL 0.74 (45.00)
Two	FS-2GL	0.52 (32.00)	FD-2L 1.07 (65.00)
Three	FS-3G	0.75 (46.00)	FD-3G, FD-3GL 1.02 (62.00)
Three	FS-3GL	0.75 (46.00)	FD-3L 1.61 (98.00)
Four	FS-4G	0.95 (58.00)	FD-4G, FD-4GL 1.28 (78.00)
Four	FS-4GL	0.95 (58.00)	FD-4L 2.13 (130.00)

## Dimensions in Millimeters (Inches)

### Single, Multiple Gang Boxes with Multiple Covers



COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton

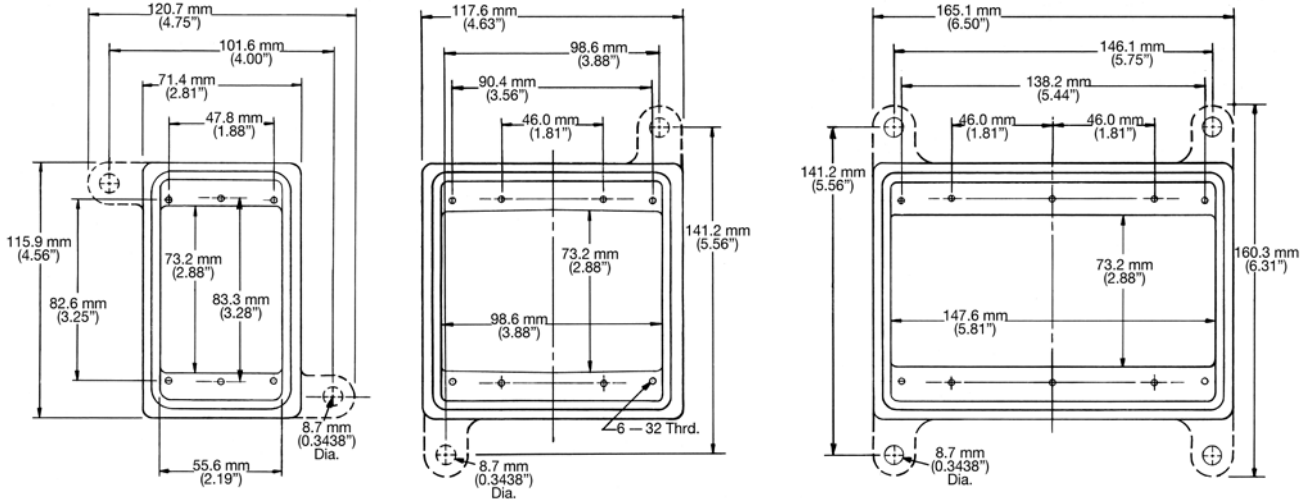
# FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs.

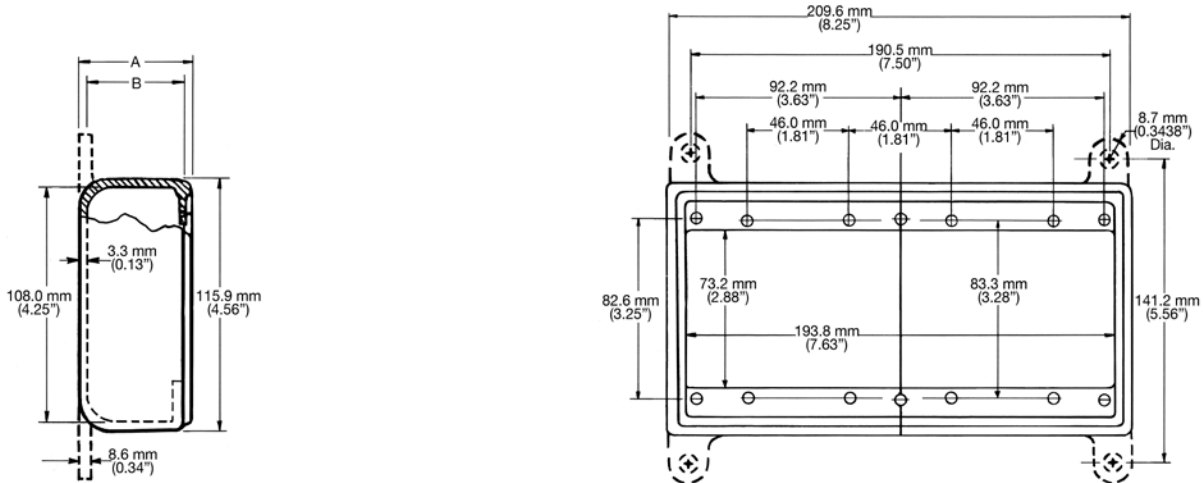
NEC:  
Listed for Ordinary Locations

## Dimensions in Millimeters (Inches)

### Two and Three Gang Single Cover Boxes



### FS and FD Four Gang Single Cover Boxes



A		B	
"FS"	"FD"	"FS"	"FD"
50.8 (2.00)	68.3 (2.69)	45.2 (1.78)	62.0 (2.44)

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

Appleton®

# FAH Weatherproof Receptacle and Breaker Assemblies

For use with Rigid Conduit.

**CEC:**  
Rated for Ordinary Locations

## Applications

- FAH Series assemblies are used outdoors to supply power in remote areas such as:
  - Garden lighting
  - Parking lots
  - Marinas
  - Campsites
  - Trailer parks
- Recommended mounting height is 0.79 meters (2.6 feet).

## Features

- These units will accommodate devices and covers normally used on single gang FS and FD unilets.
- 40° angle face uses standard covers.

## Standard Materials

- Gray iron

## Standard Finish

- Epoxy powder coat



Description	Catalog Number
<b>Threaded 2" Mounting Hub</b>	
Double Face, Fitting Only	FAHD-16
Complete with Two Duplex Receptacles and Covers	FAHD-1611
Complete with One Duplex Receptacle and One Duplex Circuit Breaker for two 125 Volts Circuits	FAHD-1612

COMMERCIAL AND INDUSTRIAL FITTINGS: CAST DEVICE BOXES

 **Appleton**

# OCB Outdoor Connection Box

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Provides a simple method of installing receptacles used for head-bolt heater outlets in cold area, recreational vehicles, parking areas, trucking terminals, etc.
- Replaces makeshift enclosures and is an easy way to install outdoor wiring devices.

## Features

- Easy installation.
- Standard set-screw design provides easy slip-fit mounting on either unthreaded or threaded 4" trade size rigid or IMC conduit.
- Set screws allow permanent positioning of receptacle openings as required.
- Use with standard receptacles and covers.
- Has four standard FS openings which accommodate single, duplex and GFI receptacles and weatherproof covers.
- Internal grounding screw standard.
- Corrosion resistant construction.
- Compact profile.
- Large volume for wiring capacity to allow feed-thru and splices.

## Standard Materials

- Copperfree (4/10 of 1% max.) aluminum

## Standard Finishes

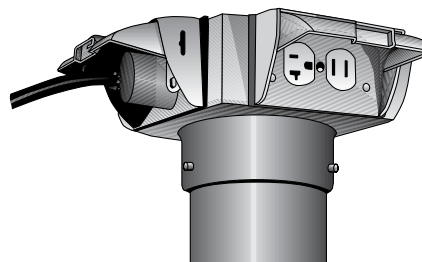
Aluminum Enamel

## NEC/CEC Certifications and Compliances

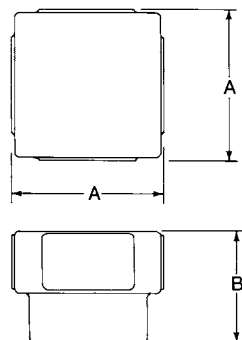
- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795



Type OCB



Typical Application  
(covers, receptacles not supplied)



Dimensional Data

Hub Size With 3 Set Screws	Wiring Capacity dm <sup>3</sup> (in <sup>3</sup> )	No. Duplex Receptacle Openings	Dimensions in Millimeters (Inches)		Catalog Number
			A	B	
4	1.62 (99.00)	4	166.62 (6.56)	123.95 (4.88)	OCB404-SA

# AX Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To allow for expansion and contraction in a run of rigid metal conduit.
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC
- Type AX provides for a maximum of 4" conduit movement (2" in either direction).
- Type AX-8 provides for a maximum of 8" conduit movement (4" in either direction).

## Features

- Weatherproof
- Concretetight
- Includes insulating bushing
- Bonding jumpers

## Standard Materials

- Malleable or ductile iron

## Standard Finishes

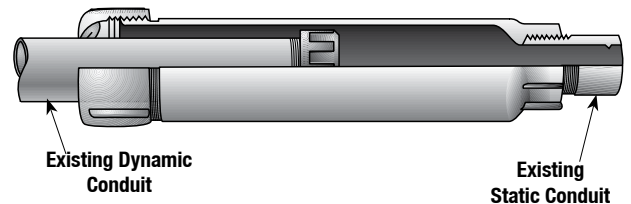
- Hot dip galvanized

## Options

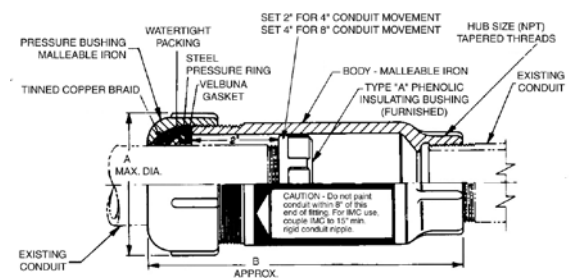
- Type AX and Type AX-8 expansion fittings are available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog Number (Example: AX-50A). Use ABJ jumpers.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 11584
- Wet or dry locations - use with Type BJ external bonding jumpers
- Wet or dry locations
- NEMA: FB-1



Type AX-8 Provides for 8" Conduit Movement



Type AX Provides for 4" Conduit Movement

Trade Size (In.)	Dimensions Millimeters (Inches)		Catalog Number	Catalog Number
	A Max. Dia.	B Overall Length		
<b>4 Inch Movement — 2" in either direction</b>				
1/2	50.80 (2.00)	158.75 (6.25)	<b>AX-50</b>	Bonding Jumper - 14" BJ-0507-14
3/4	57.15 (2.25)	162.05 (6.38)	<b>AX-75</b>	BJ-0507-14
1	66.80 (2.63)	168.40 (6.63)	<b>AX-100</b>	BJ-1012-14
1-1/4	79.50 (3.13)	168.40 (6.63)	<b>AX-125</b>	BJ-1012-14
1-1/2	88.90 (3.50)	168.40 (6.63)	<b>AX-150</b>	BJ-1520-14
2	101.60 (4.00)	181.10 (7.13)	<b>AX-200</b>	BJ-1520-14
2-1/2	114.30 (4.50)	190.50 (7.50)	<b>AX-250</b>	BJ-2530-14
3	136.65 (5.38)	206.50 (8.13)	<b>AX-300</b>	BJ-2530-14
3-1/2	152.40 (6.00)	215.90 (8.50)	<b>AX-350</b>	BJ-3540-14
4	168.40 (6.63)	219.20 (8.63)	<b>AX-400</b>	BJ-3540-14
5	203.20 (8.00)	241.30 (9.50)	<b>AX-500</b>	BJ-5060-14
6	See EX Expansion Fittings			
<b>8 Inch Movement — 4" in either direction</b>				
1/2	50.80 (2.00)	260.35 (10.25)	<b>AX-8-50</b>	Bonding Jumper - 14" BJ-0507-24
3/4	57.15 (2.25)	263.65 (10.38)	<b>AX-8-75</b>	BJ-0507-24
1	66.80 (2.63)	270.00 (10.63)	<b>AX-8-100</b>	BJ-1012-24
1-1/4	79.50 (3.13)	270.00 (10.63)	<b>AX-8-125</b>	BJ-1012-24
1-1/2	88.90 (3.50)	270.00 (10.63)	<b>AX-8-150</b>	BJ-1520-24
2	101.60 (4.00)	282.70 (11.13)	<b>AX-8-200</b>	BJ-1520-24
2-1/2	114.30 (4.50)	292.10 (11.5)	<b>AX-8-250</b>	BJ-2530-24
3	136.65 (5.38)	308.10 (12.13)	<b>AX-8-300</b>	BJ-2530-24
3-1/2	152.40 (6.00)	311.15 (12.25)	<b>AX-8-350</b>	BJ-3540-24
4	168.40 (6.63)	314.45 (12.38)	<b>AX-8-400</b>	BJ-3540-24
5	203.20 (8.00)	342.90 (13.50)	<b>AX-8-500</b>	BJ-5060-24
6	See EX Expansion Fittings			

# TX Expansion Fittings

For Electrical Metallic Tubing (EMT).

**NEC:**  
*Listed for Ordinary Locations*

## Applications

- To allow for expansion and contraction in a run of electrical metallic tubing (EMT).

## Features

- A maximum of 4" conduit movement is provided (2" in either direction)
- These fittings, less the EMT connectors and conduit nipple, are our Type AX expansion fittings which are listed by Underwriters Laboratories, Inc., for use with rigid conduit when used with bonding jumpers.
- Concretetight

## Standard Finishes

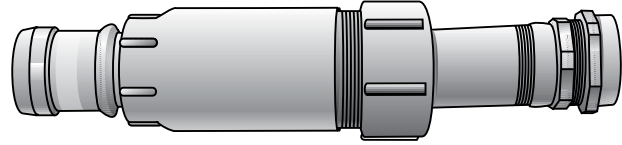
- Basic Type AX expansion fitting is Hot Dip Galvanized. Other metal parts are Zinc Plated

## Options

- Type AX and Type AX-8 expansion fittings are available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog Number (Example: AX-50A). Use ABJ jumpers.

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 14895
- NEMA: FB-1



**Type TX Provides for 4" EMT Movement**

EMT Size	Catalog Number	24" Bonding Jumper Catalog Number
1/2	TX-50	BJ-0507-24
3/4	TX-75	BJ-0507-24
1	TX-100	BJ-1012-24
1-1/4	TX-125	BJ-1012-24
1-1/2	TX-150	BJ-1520-24
2	TX-200	BJ-1520-24
2-1/2	TX-250	BJ-2530-24
3	TX-300	BJ-2530-24
3-1/2	TX-350	BJ-3540-24
4	TX-400	BJ-3540-24

# EX Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To allow for expansion and contraction of conduit.
- Permits 8" conduit movement (4" in either direction).
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC.

## Features

- Weatherproof
- Available in custom length. Contact your local representative for pricing and availability.
- Available for EMT. Contact your local representative for pricing and availability.

## Standard Materials

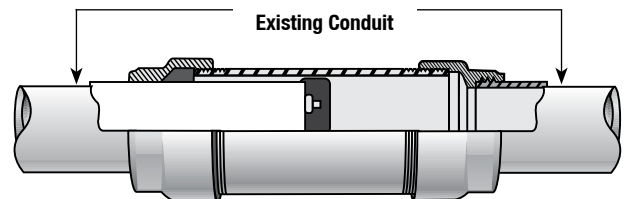
- Head - malleable or ductile iron
- Sleeve - steel
- Insulating bushing - phenolic

## Finish

- Hot dip galvanized

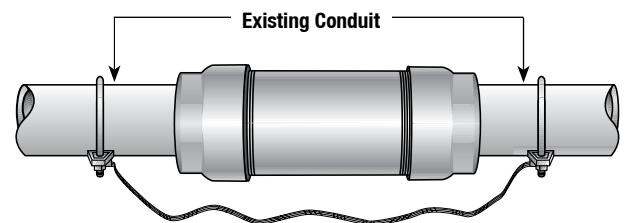
## NEC/CEC Certifications and Compliances

- UL Standard: 514
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 11584
- NEMA: FB-1



Fitting  
TYPE EX

Type AX-8 Provides for 8" Conduit Movement



Bonding Jumper  
(Application)

Dimensions Inches				
Trade Size (Inches)	Max. Dia.	Overall Length	Catalog Number	Catalog Number
<b>4 Inch Movement — 2" in either direction</b>				Bonding Jumper - 24"
1/2	44.45 (1.75)	279.40 (11.00)	EX-50	BJ-0507-24
3/4	54.10 (2.13)	289.05 (11.38)	EX-75	BJ-0507-24
1	60.45 (2.38)	298.45 (11.75)	EX-100	BJ-1012-24
1-1/4	73.15 (2.88)	301.75 (11.88)	EX-125	BJ-1012-24
1-1/2	85.85 (3.38)	311.15 (12.25)	EX-150	BJ-1520-24
2	101.60 (4.00)	317.50 (12.50)	EX-200	BJ-1520-24
2-1/2	117.60 (4.63)	336.55 (13.25)	EX-250	BJ-2530-24
3	130.30 (5.13)	336.55 (13.25)	EX-300	BJ-2530-24
3-1/2	146.05 (5.75)	342.90 (13.50)	EX-350	BJ-3540-24
4	158.75 (6.25)	349.25 (13.75)	EX-400	BJ-3540-24
5	212.85 (8.38)	384.30 (15.13)	EX-500	BJ-5060-24
6	241.30 (9.50)	390.65 (15.38)	EX-600 ①	BJ-5060-24

① Not CSA Certified

# BJ Bonding Jumpers

For Rigid Steel, IMC and EMT.

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- Type BJ - For bonding two rigid, EMT or IMC steel conduits together.

## Standard Materials

- Clamps - malleable or ductile iron
- U-bolts - steel
- Braids - tin copper

## Finish

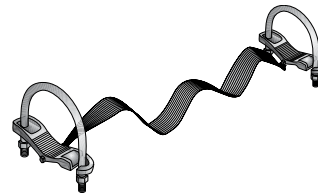
- Clamps and U-bolts are hot dip galvanized

## Options

- Available in custom lengths. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 15978
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type BJ

14" – Use with Type AX

24" – Use with Type AXB, TX and EX

14" – Use with Type AX			24" – Use with Type AXB, TX and EX		
Trade Size (Inches)		Catalog Number	Trade Size (Inches)		Catalog Number
Min.	Max.		Min.	Max.	
1/2	3/4	BJ-0507-14	1/2	3/4	BJ-0507-24
1	1-1/4	BJ-1012-14	1	1-1/4	BJ-1012-24
1-1/2	2	BJ-1520-14	1-1/2	2	BJ-1520-24
2-1/2	3	BJ-2530-14	2-1/2	3	BJ-2530-24
3-1/2	4	BJ-3540-14	3-1/2	4	BJ-3540-24
5	6	BJ-5060-14	5	6	BJ-5060-24



# ABJ Bonding Jumpers

For Rigid Aluminum Conduit.

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- For bonding two rigid aluminum conduits together or when used with aluminum expansion fittings.

## Standard Materials

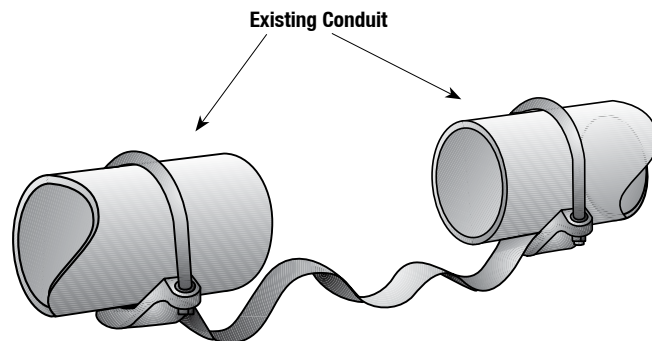
- Clamps and connecting strap - aluminum
- U-bolts and nuts - stainless steel

## Options

- Span lengths other than shown are available. Contact your local representative.

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type ABJ

Use with Type AX-A		Use with Type AX-8-A and EX-A	
Trade Size (Inches)	Catalog Number (Strap Length 14")	Trade Size (Inches)	Catalog Number (Strap Length 24")
1/2 or 3/4	ABJ-0507-14	1/2 or 3/4	ABJ-0507-24
1	ABJ-10-14	1	ABJ-10-24
1-1/4	ABJ-12-14	1-1/4	ABJ-12-24
1-1/2	ABJ-15-14	1-1/2	ABJ-15-24
2	ABJ-20-14	2	ABJ-20-24
2-1/2	ABJ-25-14	2-1/2	ABJ-25-24
3	ABJ-30-14	3	ABJ-30-24
3-1/2	ABJ-35-14	3-1/2	ABJ-35-24
4	ABJ-40-14	4	ABJ-40-24
5	ABJ-50-14	5	ABJ-50-24
—	—	6	ABJ-60-24

# AXB Series Expansion Fittings with Integral Bond

For Rigid Metal Conduit and IMC.

NEC/CEC:  
Rated for Ordinary Locations

OZGEDNEY

## Applications

- Accommodates expansion and contraction in a run of rigid metal conduit (RMC) and intermediate metal conduit (IMC).

## Features

- The AXB series of expansion fittings simplifies and speeds installation with several industry features; vandalproof, corrosive resistant and field-inspectable.
- Disassembly is not required during installation, therefore there are no parts to drop or lose and fewer tools are required.
- Internal bonding jumper eliminates need for external jumper that can be tampered with and exposed to corrosion.

## Standard Materials

- Body: ductile iron
- Bonding jumper: tinned copper
- Grommets: neoprene

## Finish

- Hot dip galvanized

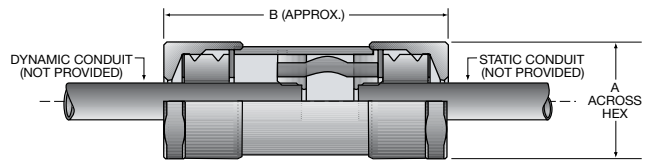
## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- CSA Standard: C22.2 No. 18.3, C22.2 No. 41
- U Listed: E-11853
- Wet or dry locations



Trade Size (In.)	Dimensions In Millimeters (Inches)		Weight kg (lb)	Case Qty.	Catalog Number
	Overall Diameter	Overall Free Length			
<b>4 Inch Movement — 2" in either direction</b>					
1/2	69.90 (2.75)	203.20 (8.00)	1.88 (4.15)	10	<b>AXB-50</b>
3/4	69.90 (2.75)	203.20 (8.00)	1.93 (4.25)	10	<b>AXB-75</b>
1	77.70 (3.06)	209.60 (8.25)	2.21 (4.88)	5	<b>AXB-100</b>
1-1/4	111.30 (4.38)	251.00 (9.88)	5.38 (11.85)	5	<b>AXB-125</b>
1-1/2	111.30 (4.38)	251.00 (9.88)	5.43 (11.98)	5	<b>AXB-150</b>
2	127.00 (5.00)	257.30 (10.13)	6.49 (14.30)	1	<b>AXB-200</b>
<b>8 Inch Movement — 4" in either direction</b>					
1/2	69.90 (2.75)	304.80 (12.00)	2.76 (6.09)	10	<b>AXB-8-50</b>
3/4	69.90 (2.75)	304.80 (12.00)	2.81 (6.20)	10	<b>AXB-8-75</b>
1	77.70 (3.06)	311.20 (12.25)	3.19 (7.03)	5	<b>AXB-8-100</b>
1-1/4	111.30 (4.38)	352.60 (13.88)	7.28 (16.06)	5	<b>AXB-8-125</b>
1-1/2	111.30 (4.38)	352.60 (13.88)	7.43 (16.38)	5	<b>AXB-8-150</b>
2	127.0 (5.00)	358.90 (14.13)	8.94 (19.70)	1	<b>AXB-8-200</b>

## Dimensions in Millimeters (Inches)



Trade Size (In.)	B		
	A	4"	8"
1/2	69.90 (2.75)	203.20 (8.00)	304.8 (12.00)
3/4	69.90 (2.75)	203.20 (8.00)	304.8 (12.00)
1	77.70 (3.06)	209.60 (8.25)	311.2 (12.25)
1-1/4	111.30 (4.38)	251.00 (9.88)	352.6 (13.88)
1-1/2	111.30 (4.38)	251.00 (9.88)	352.6 (13.88)
2	127.00 (5.00)	257.30 (10.13)	358.9 (14.13)

# DX Deflection Expansion Fittings

For Rigid Metal Conduit and IMC.

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To compensate for movement in any direction between two conduit ends which they connect. Type DX fittings will withstand occasional vibration transmitted to conduit by rotating equipment or vehicular traffic.
- These fittings will provide for a movement of 3/4" from the normal in all directions. Where they are used for angular movement they will allow for a deflection of 30° from the normal in any direction.
- Fittings may be used with PVC conduit by using standard adapters in each end.

## Features

- Internal copper bonding jumper has the capacity to carry ground fault currents equal to the conductor sizes required by UL and the NEC
- Watertight (NEMA 4)
- Raintight
- Concretetight

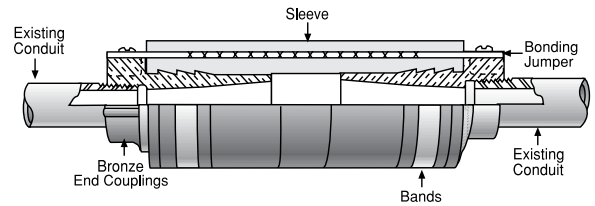
## Standard Materials

- End couplings: bronze
- Sleeve: neoprene
- Bands: stainless steel
- Bonding jumper: tinned copper braid

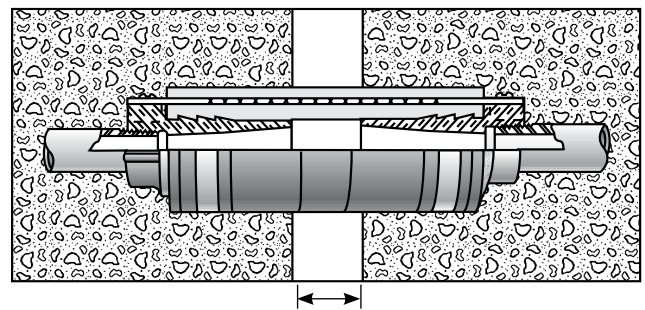
## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 11584
- NEMA: FB-1

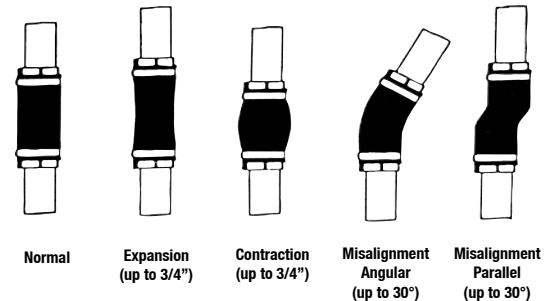
Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Max. Dia.	Overall Length	
1/2	57.20 (2.25)	171.40 (6.75)	<b>DX-50</b>
3/4	63.50 (2.50)	171.40 (6.75)	<b>DX-75</b>
1	69.90 (2.75)	177.80 (7.00)	<b>DX-100</b>
1-1/4	79.50 (3.13)	184.20 (7.25)	<b>DX-125</b>
1-1/2	79.50 (3.13)	184.20 (7.25)	<b>DX-150</b>
2	98.60 (3.88)	206.50 (8.13)	<b>DX-200</b>
2-1/2	111.30 (4.38)	215.90 (8.50)	<b>DX-250</b>
3	127.00 (5.00)	215.90 (8.50)	<b>DX-300</b>
3-1/2	146.10 (5.75)	235.00 (9.25)	<b>DX-350</b>
4	158.80 (6.25)	235.00 (9.25)	<b>DX-400</b>
5	184.20 (7.25)	238.30 (9.38)	<b>DX-500</b>
6	209.60 (8.25)	238.30 (9.38)	<b>DX-600</b>



**Type DX**



1-1/2" Spacing Required



# AXDX Deflection Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- The assembly shown can be used where allowance for expansion and deflection must be provided but the 3/4" straight line movement in either direction which our Type DX expansion/deflection fitting permits is not sufficient.
- By combining the Type DX fitting with our Type AX expansion fitting, a straight line movement of 2" in either direction (total movement of 4") is provided.

## Features

- Fitting assembly can be used embedded in concrete as shown, or can be used in exposed locations.
- Fittings include standard Type DX and AX fittings, bonding jumper, insulating bushing, and short nipple.

## Standard Materials

- Sleeve - neoprene
- End couplings - bronze
- Bonding jumper - tin copper braids
- Bands - stainless steel
- All other metal parts are malleable, ductile iron or steel

## Finish

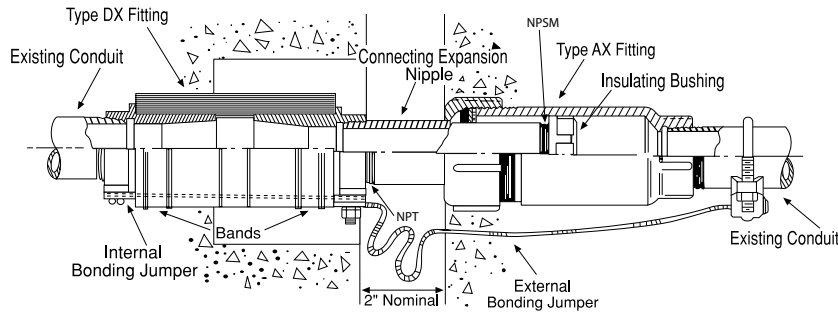
- All malleable, ductile iron or steel parts are Hot Dip Galvanized

## Options

- Other sizes available. Fittings can be furnished to provide additional linear conduit movement beyond 4". Specify "AX8DX" for 8" linear movement, 4" in either direction. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 11584
- NEMA: FB-1



Type AXDX

### Dimensions in Millimeters (Inches)

Hub Size (Inches)	Max. Dia	Approx. Overall Length	Catalog Number
1/2	57.15 (2.25)	381.00 (15.00)	AXDX-50
3/4	63.50 (2.50)	384.30 (15.13)	AXDX-75
1	69.85 (2.75)	397.00 (15.63)	AXDX-100
1-1/4	79.50 (3.13)	403.35 (15.88)	AXDX-125
1-1/2	88.90 (3.5)	403.35 (15.88)	AXDX-150
2	101.60 (4.00)	438.15 (17.25)	AXDX-200
2-1/2	114.30 (4.50)	457.20 (18.00)	AXDX-250
3	130.30 (5.13)	473.20 (18.63)	AXDX-300
3-1/2	152.40 (6.00)	501.65 (19.75)	AXDX-350
4	168.40 (6.63)	508.00 (20.00)	AXDX-400
5	203.20 (8.00)	533.40 (21.00)	AXDX-500

# EXPB Expansion – Pull Box Fittings

For Rigid Metal Conduit and IMC.

**NEC:**  
Listed for Ordinary Locations

## Applications

- To allow for expansion and contraction in a run of rigid conduit (2" in either direction for a total movement of 4").
- Also to provide a convenient pull box to supply an intermediate pulling point in the conduit run.
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC.

## Features

- Weatherproof
- Fitting supplied complete with bonding jumper, oversize sleeve and special Type A insulating bushing.
- Available in custom lengths. Contact your local representative for pricing and availability.
- Available for EMT. Contact your local representative for pricing and availability.
- The bonding jumpers furnished are of the form shown in the illustration except on the 3 1/2", 5" and 6" sizes. On these sizes the bonding jumper spans the entire fitting and, except for the length of the braid, is the same as the Type BJ.

## Standard Materials

- Head - malleable or ductile iron
- Sleeve - steel
- Bonding jumpers - similar to type BJ

## Standard Finishes

- Hot Dip Galvanized

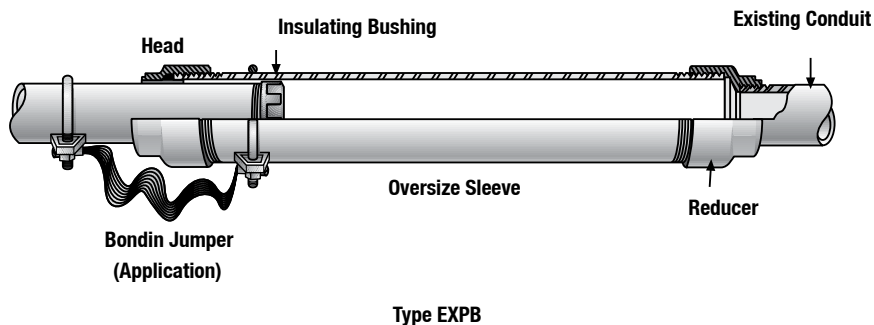
## Options

- Available in copperfree (4/10 of 1% max.) aluminum. Add suffix -A after Catalog number.

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- NEMA: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	Max. Dia.	Overall Length	Oversize Sleeve Length		
1/2	44.45 (1.75)	368.30 (14.50)	304.80 (12.00)		EXPB-50
3/4	54.10 (2.13)	374.65 (14.75)	304.80 (12.00)		EXPB-75
1	60.45 (2.38)	381.00 (15.00)	304.80 (12.00)		EXPB-100
1-1/4	73.15 (2.88)	438.15 (17.25)	355.60 (14.00)		EXPB-125
1-1/2	85.85 (3.38)	495.30 (19.50)	406.40 (16.00)		EXPB-150
2	101.60 (4.00)	603.25 (23.75)	508.00 (20.00)		EXPB-200
2-1/2	117.60 (4.63)	717.55 (28.25)	609.60 (24.00)		EXPB-250
3	130.30 (5.13)	819.15 (32.25)	711.20 (28.00)		EXPB-300
3-1/2	146.05 (5.75)	927.10 (36.50)	812.80 (32.00)		EXPB-350
4	158.75 (6.25)	1028.70 (40.50)	914.40 (36.00)		EXPB-400
5	212.85 (8.38)	1263.65 (49.75)	914.40 (36.0)		EXPB-500
6	241.30 (9.50)	1473.20 (58.00)	1320.80 (52.00)		EXPB-600



NOTE: Extra length sleeves to provide a longer pulling opening can be furnished at a price addition. Contact your local representative giving pulling opening require.

# PB and PBW Pull Box Fittings

For Rigid Metal Conduit and IMC.

**NEC:**  
Listed for Ordinary Locations

## Applications

- Fittings consist of two malleable iron end units one of which is furnished with set screws and a set of sealing rings consisting of packing, copper ground and pressure ring.
- A special Type A insulating bushing is also included. (Conduit not included.)

## Features

- Two end units fitted to a purchased oversize sleeve make a convenient pull box to provide intermediate pulling points in a rigid metal conduit system to meet NEC Section 314.28(A)(1).
- Available for EMT. Contact your local representative for pricing and availability.

## Standard Materials

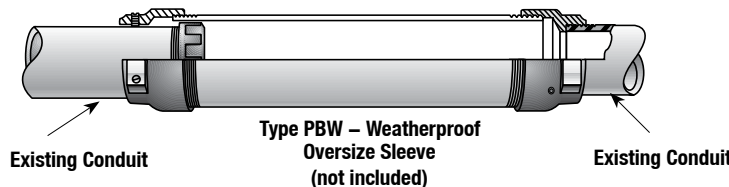
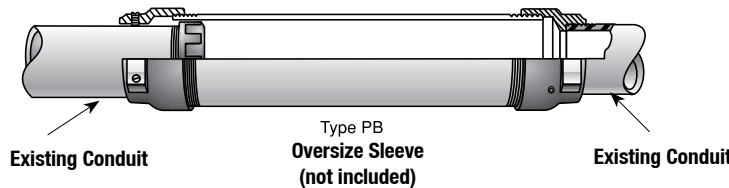
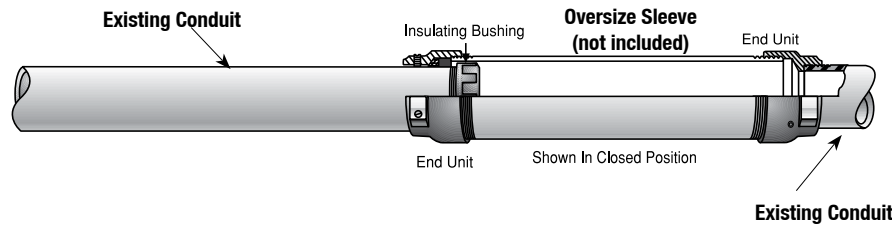
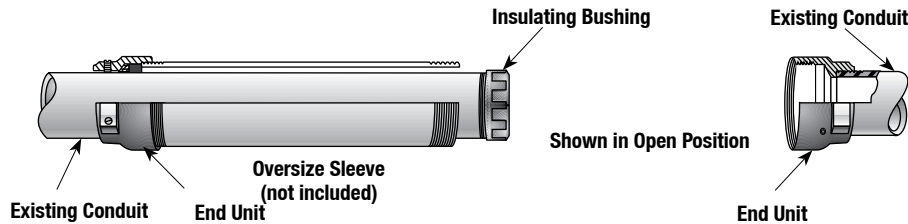
- End units - malleable iron or ductile iron
- Sleeves - steel: sleeves must be ordered separately at an additional cost.

## Standard Finishes

- Hot Dip Galvanized

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853



NOTE: PB and PBW Pull Box Fittings are not supplied with oversize sleeves. Please order sleeves from the table on next page.

# PB and PBW Pull Box Fittings

**NEC:**  
Listed for Ordinary Locations

## Type PB, PBW, End Fittings (see table below for ordering oversize sleeves)

Trade Size (Inches)	Oversize Sleeve Required Trade Size	Dimensions in Millimeters (Inches)			Min. Required Sleeve Length ①	Non-Weatherproof Catalog Number	Weatherproof Catalog Number
		Max. Dia.	Length Fitting Only				
1/2	25.40 (1.00)	44.45 (1.75)	47.75 (1.88)	152.40 (6.00)	PB-50	PBW-50	
3/4	31.75 (1.25)	54.10 (2.13)	50.80 (2.00)	203.20 (8.00)	PB-75	PBW-75	
1	38.10 (1.50)	60.45 (2.38)	57.15 (2.25)	304.80 (12.00)	PB-100	PBW-100	
1-1/4	50.80 (2.00)	73.15 (2.88)	60.45 (2.38)	355.60 (14.00)	PB-125	PBW-125	
1-1/2	63.50 (2.50)	101.60 (4.00)	69.85 (2.75)	508.00 (20.00)	PB-150	PBW-150	
2	76.20 (3.00)	101.60 (4.00)	69.85 (2.75)	508.00 (20.00)	PB-200	PBW-200	
2-1/2	88.90 (3.50)	117.60 (4.63)	79.50 (3.13)	609.60 (24.00)	PB-250	PBW-250	
3	101.60 (4.00)	128.52 (5.06)	79.50 (3.13)	711.20 (28.00)	PB-300	PBW-300	
3-1/2	114.30 (4.50)	146.05 (5.75)	79.50 (3.13)	812.80 (32.00)	PB-350	PBW-350	
4	127.00 (5.00)	157.23 (6.19)	79.50 (3.13)	914.40 (36.00)	PB-400	PBW-400	
5	177.80 (7.00)	212.85 (8.38)	104.90 (4.13)	1117.60 (44.00)	PB-500	PBW-500	
6	203.20 (8.00)	241.30 (9.50)	104.90 (4.13)	1320.80 (52.00)	PB-600	PBW-600	

## Oversize Sleeves (steel)

Trade Size (Inches) Sleeve	Dimensions in Millimeters (Inches)						
	12" Catalog Number	18" Catalog Number	24" Catalog Number	30" Catalog Number	36" Catalog Number	48" Catalog Number	60" Catalog Number
1	PBS-100-12S	PBS-100-18S	—	—	—	—	—
1-1/4	PBS-125-12S	PBS-125-18S	—	—	—	—	—
1-1/2	PBS-150-12S	PBS-150-18S	PBS-150-24S	—	—	—	—
2	PBS-200-12S	PBS-200-18S	PBS-200-24S	—	—	—	—
2-1/2	PBS-250-12S	PBS-250-18S	PBS-250-24S	PBS-250-30S	PBS-250-36S	—	—
3	PBS-300-12S	PBS-300-18S	PBS-300-24S	PBS-300-30S	PBS-300-36S	—	—
3-1/2	PBS-350-12S	PBS-350-18S	PBS-350-24S	PBS-350-30S	PBS-350-36S	PBS-350-48S	PBS-350-60S
4	PBS-400-12S	PBS-400-18S	PBS-400-24S	PBS-400-30S	PBS-400-36S	PBS-400-48S	PBS-400-60S
4-1/2	PBS-450-12S	PBS-450-18S	PBS-450-24S	PBS-450-30S	PBS-450-36S	PBS-450-48S	PBS-450-60S
5	PBS-500-12S	PBS-500-18S	PBS-500-24S	PBS-500-30S	PBS-500-36S	PBS-500-48S	PBS-500-60S
6	PBS-600-12S	PBS-600-18S	PBS-600-24S	PBS-600-30S	PBS-600-36S	PBS-600-48S	PBS-600-60S
7	PBS-700-12S	PBS-700-18S	PBS-700-24S	PBS-700-30S	PBS-700-36S	PBS-700-48S	PBS-700-60S
8	PBS-800-12S	PBS-800-18S	PBS-800-24S	PBS-800-30S	PBS-800-36S	PBS-800-48S	PBS-800-60S

① Minimum length of sleeve required to meet NEC Section 314.28(A)(1).

NOTE: PB and PBW Pull Box Fittings are not supplied with oversize sleeves. Please order sleeves from the table above.

# SCC and SSP Series Threaded Rigid Conduit and IMC Bolt-On™ Couplings

For Use with Threaded Rigid Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Provides a fast inexpensive method of joining two sections of threaded rigid conduit in areas of close conduit spacing, tight clearance locations and irregular conduit bends which may normally require an expensive union.

## Features

- Concretetight.
- Fast installation:
  - Slip Bolt-On™ Coupling over threaded end of one conduit section.
  - Butt the end of the second threaded conduit section to the first.
  - Slip Bolt-On™ Coupling to the center of the two conduit threads and tighten bolt(s).

## Material/Finish

- Coupling: malleable iron, zinc electroplated
- Hardware: steel, zinc electroplate
- Gasket: neoprene

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.4
- CSA Certified: 702992
- NEMA: FB-1



SCC-50



SCC-150

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Length	Max. Width	Dia.		
	1/2	31.75 (1.25)	44.45 (1.75)	28.7 (1.13)	SCC-50	SSP-50
	3/4	31.75 (1.25)	50.8 (2.00)	33.27 (1.31)	SCC-75	SSP-75
	1	41.4 (1.63)	66.8 (2.63)	44.45 (1.75)	SCC-100	SSP-100
	1-1/4	41.4 (1.63)	66.8 (2.63)	54.1 (2.13)	SCC-125	SSP-125
	1-1/2	50.8 (2.00)	82.6 (3.25)	60.5 (2.38)	SCC-150	SSP-150
	2	52.3 (2.06)	88.9 (3.50)	69.9 (2.75)	SCC-200	SSP-200
	2-1/2	77.7 (3.06)	114.3 (4.50)	85.9 (3.38)	SCC-250	SSP-250
	3	81.0 (3.19)	127.0 (5.00)	101.6 (4.00)	SCC-300	SSP-300
	3-1/2	82.6 (3.25)	146.1 (5.75)	115.8 (4.56)	SCC-350	SSP-350
	4	85.9 (3.38)	158.8 (6.25)	130.3 (5.13)	SCC-400	SSP-400
	5	88.9 (3.50)	184.2 (7.25)	162.1 (6.38)	—	SSP-500
	6	101.6 (4.00)	219.2 (8.63)	190.5 (7.50)	—	SSP-600



# Threaded Three Piece Couplings and Elbows For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications


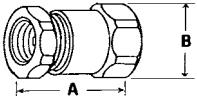

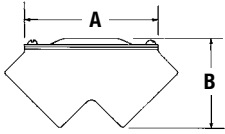
- Three piece couplings join two lengths of conduit when neither can be turned.
- Gasketed pulling elbows: provides a compact wire pulling point.
- Elbows provide a 90° change of direction in a conduit run.
- Male to female: for connecting threaded rigid conduit or IMC to box or enclosure.

## Material/Finish

- Malleable iron/Zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853, E-14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795


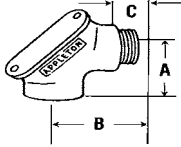

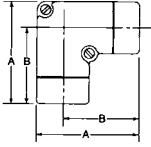

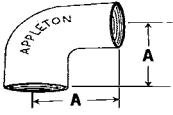

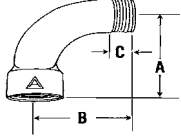

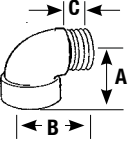

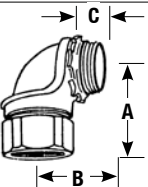
	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		A	B	C		
<b>Three Piece Coupling — Concretetight</b>						
	1/2	35.1 (1.38)	36.6 (1.44)	—	EC-50	4-50
	3/4	41.4 (1.63)	44.5 (1.75)	—	EC-75	4-75
	1	46.0 (1.81)	49.3 (1.94)	—	EC-100	4-100
	1-1/4	55.6 (2.19)	60.5 (2.38)	—	EC-125	4-125
	1-1/2	58.7 (2.31)	66.8 (2.63)	—	EC-150	4-150
	2	62.0 (2.44)	85.9 (3.38)	—	EC-200	4-200
	2-1/2	81.0 (3.19)	101.6 (4.00)	—	EC-250	4-250
	3	84.1 (3.31)	106.4 (4.19)	—	EC-300	4-300
	3-1/2	89.0 (3.50)	130.3 (5.13)	—	EC-350	4-350
	4	95.3 (3.75)	139.7 (5.50)	—	EC-400	4-400
5	93.7 (3.69)	174.8 (6.88)	—	EC-500	4-500	
6	109.5 (4.31)	209.6 (8.25)	—	EC-600	4-600	
						
<b>90° Female Gasketed Pulling Elbows — Raintight</b>						
	1/2	47.8 (1.88)	36.6 (1.44)	—	FFL-50	FF-050
	3/4	57.2 (2.25)	39.6 (1.56)	—	FFL-75	FF-075
	1	69.9 (2.75)	49.3 (1.94)	—	FFL-100	FF-100
	1-1/4	82.6 (3.25)	58.7 (2.31)	—	FFL-125	FF-125
	1-1/2	95.3 (3.75)	65.0 (2.56)	—	FFL-150	FF-150
	2	117.6 (4.63)	82.6 (3.25)	—	FFL-200	FF-200
						

Appleton™ O-Z/GEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS; RIGID AND IMC CONDUIT FITTINGS

# Threaded Three Piece Couplings and Elbows For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number	O-Z/Gedney™ Insulated Throat Catalog Number	
		A	B	C				
<b>90° Male to Female Gasketed Pulling Elbows – Raintight</b>								
	1/2	47.8 (1.88)	35.1 (1.38)	11.2 (0.44)	<b>MFL-50</b>	<b>MF-050</b>	<b>MF-050T</b>	
	3/4	57.2 (2.25)	38.1 (1.5)	12.7 (0.5)	<b>MFL-75</b>	<b>MF-075</b>	<b>MF-075T</b>	
	1	69.9 (2.75)	44.5 (1.75)	14.3 (0.56)	<b>MFL-100</b>	<b>MF-100</b>	<b>MF-100T</b>	
	1-1/4	82.6 (3.25)	54.1 (2.13)	17.5 (0.69)	<b>MFL-125</b>	<b>MF-125</b>	<b>MF-125T</b>	
	1-1/2	95.3 (3.75)	68.3 (2.69)	17.5 (0.69)	<b>MFL-150</b>	<b>MF-150</b>	<b>MF-150T</b>	
	2	117.6 (4.63)	71.4 (2.81)	20.6 (0.81)	<b>MFL-200</b>	<b>MF-200</b>	<b>MF-200T</b>	
<b>90° Female Pulling Elbows ①</b>								
	1/2	62.0 (2.44)	28.7 (1.13)	—	<b>PFFL-50</b>	<b>CE-050</b>	—	
	3/4	69.1 (2.72)	35.1 (1.38)	—	<b>PFFL-75</b>	<b>CE-075</b>	—	
	1	82.6 (3.25)	43.7 (1.72)	—	<b>PFFL-100</b>	<b>CE-0100</b>	—	
<b>90° Female Elbows ①</b>								
	1/2	38.1 (1.50)	—	—	<b>LF90-50</b>	—	—	
	3/4	42.9 (1.69)	—	—	<b>LF90-75</b>	—	—	
<b>90° Male to Female Long Bushed Elbows ①</b>								
	1/2	44.5 (1.75)	45.2 (1.78)	15.0 (0.59)	<b>LMFL90-50</b>	—	—	
	3/4	57.2 (2.25)	57.9 (2.28)	17.5 (0.69)	<b>LMFL90-75</b>	—	—	
	1	67.6 (2.66)	68.3 (2.69)	19.1 (0.75)	<b>LMFL90-100</b>	—	—	
	1-1/4	84.1 (3.31)	84.8 (3.34)	25.4 (1.00)	<b>LMFL90-125</b>	—	—	
	1-1/2	100.1 (3.94)	100.8 (3.97)	26.9 (1.06)	<b>LMFL90-150</b>	—	—	
	2	101.6 (4.00)	101.6 (4.00)	26.9 (1.06)	<b>LMFL90-200</b>	—	—	
<b>90° Male to Female Short Bushed Elbows ①</b>								
	1/2	31.8 (1.25)	35.8 (1.41)	12.7 (0.50)	<b>LMF90-50</b>	<b>9-50</b>	<b>9-50T</b>	
	3/4	36.6 (1.44)	42.9 (1.69)	20.6 (0.81)	<b>LMF90-75</b>	<b>9-75</b>	<b>9-75T</b>	
	1	42.2 (1.66)	49.3 (1.94)	25.4 (1.00)	<b>LMF90-100</b>	<b>9-100</b>	<b>9-100T</b>	
	1-1/4				<b>LMFL90-125</b>	<b>9-125</b>	<b>9-125T</b>	
<b>90° Male to Female Short Box Connectors ①</b>								
	1/2	31.8 (1.25)	27.7 (1.09)	11.2 (0.44)	<b>LMF90-50L</b>	—	—	
	3/4	36.6 (1.44)	31.8 (1.25)	11.2 (0.44)	<b>LMF90-75L</b>	—	—	

① Not CSA Certified.

# Type CH Space-Maker Conduit Hubs For RMC and IMC

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- General purpose, suitable for use with heavy wall cabinets.

## Features

- Female bushed nipple type.
- Female thread for rigid conduit and IMC.
- Takes less space.
- Recessed O-ring seal outside the box provides a watertight threaded hub on enclosures.
- Suitable for use with service entrance conduit.

## Material/Finish

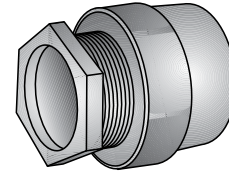
- Malleable iron/zinc electroplate
- Gasket: neoprene

## Options

- For additional corrosion protection, specify Mechanically Galvanized. Contact your local representative for pricing and availability

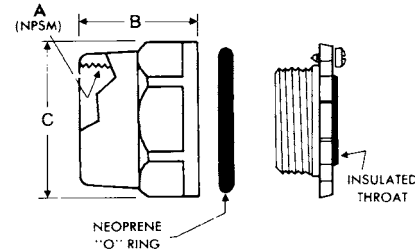
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



Type CH

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Max. Box Wall Thick.	Catalog Number	Insulated Throat Catalog Number
	B	C	A Female Tapered NPSM			
1/2	28.7 (1.13)	31.8 (1.25)	12.7 (0.50) - 355.6 (14.00)	4.1 (0.16)	CH-50	CH-50T
3/4	31.8 (1.25)	41.4 (1.63)	19.1 (0.75) - 355.6 (14.00)	7.1 (0.28)	CH-75	CH-75T
1	35.1 (1.38)	44.5 (1.75)	25.4 (1.00) - 292.1 (11.50)	7.9 (0.31)	CH-100	CH-100T
1-1/4	44.5 (1.75)	57.2 (2.25)	31.8 (1.25) - 292.1 (11.50)	11.9 (0.47)	CH-125	CH-125T
1-1/2	47.8 (1.88)	63.5 (2.50)	38.1 (1.50) - 292.1 (11.50)	12.7 (0.50)	CH-150	CH-150T
2	44.5 (1.75)	79.5 (3.13)	50.8 (2.00) - 292.1 (11.50)	16.8 (0.66)	CH-200	CH-200T
2-1/2	63.5 (2.50)	95.3 (3.75)	63.5 (2.50) - 203.2 (8.00)	16.8 (0.66)	CH-250	CH-250T
3	92.2 (3.63)	111.3 (4.38)	76.2 (3.00) - 203.2 (8.00)	18.3 (0.72)	CH-300	CH-300T
3 -/2	69.9 (2.75)	127.0 (5.00)	88.9 (3.50) - 203.2 (8.00)	20.5 (0.81)	CH-350	CH-350T
4	69.9 (2.75)	139.7 (5.50)	101.6 (4.00) - 203.2 (8.00)	16.0 (0.63)	CH-400	CH-400T
5	69.9 (2.75)	174.8 (6.88)	127.0 (5.00) - 203.2 (8.00)	16.0 (0.63)	CH-500	CH-500T
6	69.9 (2.75)	196.9 (7.75)	152.4 (6.00) - 203.2 (8.00)	23.9 (0.94)	CH-600	CH-600T

# Type CHM Raintight Conduit Hubs

## For RMC and IMC

NEC/CEC — Suitable for use in:  
Class I, Division 2

### Applications

- General purpose fitting.

### Features

- Type CHM only table and references.

### Material/Finish

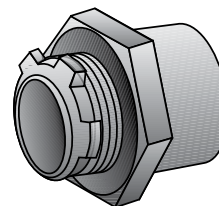
- Malleable iron/zinc electroplate
- Gasket: neoprene

### Options

- P/U for OZG

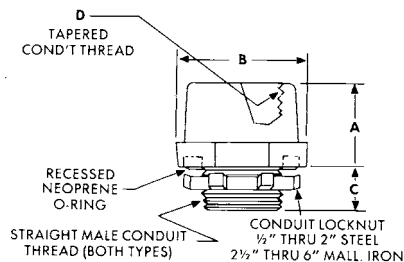
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



Type CHM

### Illustrated Dimensions



OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Dimensions in Millimeters (Inches)							
Trade Size (Inches)	A	B	C	D Female Tapered N.P.T.	Max. Box Wall Thk.	Catalog Number	Insulated Throat Catalog Number
1/2	22.4 (0.88)	38.1 (1.5)	12.7 (0.50)	12.7 (0.50) - 355.6 (14.00)	7.9 (0.31)	CHM-50	CHM-50T
3/4	25.4 (1.00)	44.5 (1.75)	12.7 (0.50)	19.1 (0.75) - 355.6 (14.00)	9.7 (0.38)	CHM-75	CHM-75T
1	28.7 (1.13)	50.8 (2.00)	16.0 (0.63)	25.4 (1.00) - 292.1 (11.50)	11.2 (0.44)	CHM-100	CHM-100T
1-1/4	31.8 (1.25)	60.5 (2.38)	16.0 (0.63)	31.8 (1.25) - 292.1 (11.50)	11.9 (0.47)	CHM-125	CHM-125T
1-1/2	31.8 (1.25)	69.9 (2.75)	16.0 (0.63)	38.1 (1.50) - 292.1 (11.50)	11.9 (0.47)	CHM-150	CHM-150T
2	31.8 (1.25)	82.6 (3.25)	19.1 (0.75)	50.8 (2.00) - 292.1 (11.50)	12.7 (0.5)	CHM-200	CHM-200T
2-1/2	41.4 (1.63)	98.6 (3.88)	25.4 (1.00)	63.5 (2.50) - 203.2 (8.00)	14.2 (0.56)	CHM-250	CHM-250T
3	44.5 (1.75)	117.6 (4.63)	25.4 (1.00)	76.2 (3.00) - 203.2 (8.00)	16.0 (0.63)	CHM-300	CHM-300T
3-1/2	47.8 (1.88)	130.3 (5.13)	28.7 (1.13)	88.9 (3.50) - 203.2 (8.00)	16.0 (0.63)	CHM-350	CHM-350T
4	47.8 (1.88)	143.0 (5.63)	28.7 (1.13)	101.6 (4.00) - 203.2 (8.00)	17.5 (0.69)	CHM-400	CHM-400T
5	54.1 (2.13)	174.8 (6.88)	31.8 (1.25)	127.0 (5.00) - 203.2 (8.00)	17.5 (0.69)	CHM-500	CHM-500T
6	54.1 (2.13)	206.5 (8.13)	31.8 (1.25)	152.4 (6.00) - 203.2 (8.00)	17.5 (0.69)	CHM-600	CHM-600T

# Threaded Conduit Hubs With Bonding Screw For RMC and IMC

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- Provides threaded termination in sheet metal enclosures.
- Suitable for service entrance.
- General purpose fitting.

## Features

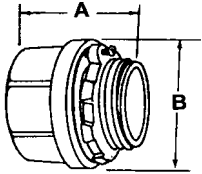
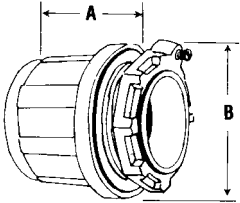
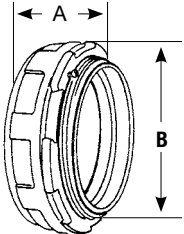
- Bonding locknut.
- Insulated throat.
- Recessed neoprene O-ring to assure water and dust-tight connections.

## Material/Finish

- Body: 1/2 thru 1: steel, zinc electroplate; 1-1/4 thru 6: malleable iron, zinc electroplate, chromate, epoxy powder coat
- Wedge: 1-1/4 thru 4: malleable iron, zinc electroplate, chromate, epoxy powder coat
- Locknut: 1/2 thru 1, 5 thru 6: steel, zinc electroplate
- Screw: steel, zinc electroplate
- O-ring: neoprene
- Liners: nylon

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Catalog Number	
	A	B			
<b>Straight</b>					
1/2	22.35 (0.88)	38.10 (1.50)	5.81 (12.80)	<b>HUB-50B</b>	
3/4	25.40 (1.00)	44.45 (1.75)	8.35 (18.40)	<b>HUB-75B</b>	
1	28.70 (1.13)	50.80 (2.00)	14.15 (31.20)	<b>HUB-100B</b>	
1 - 1/4	31.75 (1.25)	60.45 (2.38)	26.94 (59.40)	<b>HUB-125B</b>	
1 - 1/2	31.75 (1.25)	69.85 (2.75)	33.38 (73.60)	<b>HUB-150B</b>	
2	31.75 (1.25)	82.55 (3.25)	5.36 (100.00)	<b>HUB-200B</b>	
2 - 1/2	41.40 (1.63)	98.55 (3.88)	83.64 (184.40)	<b>HUB-250B</b>	
3	44.45 (1.75)	117.60 (4.63)	117.66 (259.40)	<b>HUB-300B</b>	
3 - 1/2	47.75 (1.88)	130.30 (5.13)	143.15 (315.60)	<b>HUB-350B</b>	
4	47.75 (1.88)	143.00 (5.63)	165.83 (365.60)	<b>HUB-400B</b>	
5	54.10 (2.13)	174.75 (6.88)	317.51 (700.00)	<b>HUB-500MB</b>	
6	54.1 (2.13)	206.5 (8.13)	415.49 (916.00)	<b>HUB-600MB</b>	



# Threaded Conduit Hubs

## For RMC and IMC

NEC/CEC — Suitable for hazardous locations:  
Class I, Division 2; Class III, Divisions 1 and 2 per NEC 501-4(B), 501.10(B)(4), 502-4(A)(2), 503-3(A)

### Applications

- Insulated throat form with bonding screw.
- Provides a more vibration resistant connection with assured ground continuity

### Features

- Female bushed nipple type
- Female thread for rigid conduit and IMC
- Takes less space
- Recessed O-ring seal outside the box provides a watertight threaded hub on enclosures.
- Suitable for use with service entrance conduit.

### Material/Finish

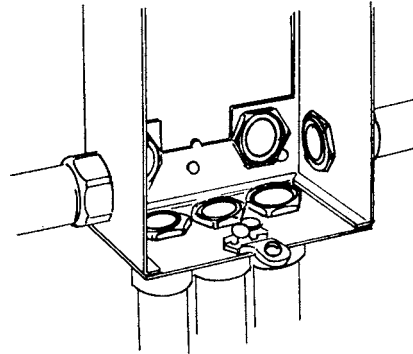
- Malleable iron/zinc electroplate
- Gasket: neoprene

### Options

- For additional corrosion protection, specify Mechanically Galvanized. Contact your local representative for pricing and availability.

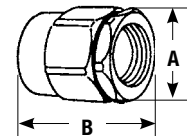
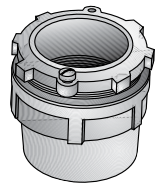
### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- UL Listed as suitable for use in wet locations.
- NEMA: FB-1  
NEMA: 4  
NEMA: 12



HUB-125

Trade Size (Inches)	Hole Diameter in Millimeters (Inches)		Panel Thickness in Millimeters (Inches)		Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Appleton™ Catalog Number
	Max.	Min.	Max.	Min.	A	B		
1/2	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	27.4 (1.08)	28.2 (1.11)	7.26 (16.00)	HUB-50
		24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
		29.5 (1.16)	1.5 (0.06)	2.0 (0.08)	28.2 (1.11)	35.1 (1.38)		
3/4	27.7 (1.09)	31.0 (1.22)	2.3 (0.09)	6.4 (0.25)				
1		35.8 (1.41)	1.5 (0.06)	2.0 (0.08)	31.8 (1.25)	43.7 (1.72)	17.69 (39.00)	HUB-100
		37.3 (1.47)	2.3 (0.09)	6.4 (0.25)				



COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

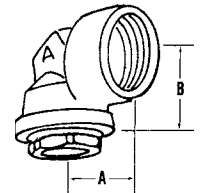
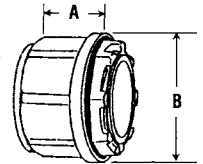
Appleton

# Threaded Conduit Hubs

## For RMC and IMC

NEC/CEC — Suitable for hazardous locations:  
 Class I, Division 2; Class III, Divisions 1 and  
 2 per NEC 501-4(B), 501.10(B)(4), 502-4(A)(2),  
 503-3(A)

Trade Size (Inches)	Hole Diameter in Millimeters (Inches)		Panel Thickness in Millimeters (Inches)		Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Appleton™ Catalog Number
	Max.	Min.	Max.	Min.	A	B		
<b>Straight — With Bonding Screw</b>								
1-1/4	42.9 (1.69)	45.2 (1.78)	1.5 (0.06)	2.0 (0.08)	45.7 (1.80)	58.7 (2.31)	34.93 (77.00)	<b>HUB-125</b>
		46.7 (1.84)	2.3 (0.09)	7.9 (0.31)				
1-1/2	49.3 (1.94)	51.6 (2.03)	1.5 (0.06)	2.0 (0.08)	46.5 (1.83)	66.8 (2.63)	41.73 (92.00)	<b>HUB-150</b>
		53.1 (2.09)	2.3 (0.09)	7.9 (0.31)				
2	60.7 (2.39)	64.3 (2.53)	1.5 (0.06)	2.0 (0.08)	47.8 (1.88)	79.5 (3.13)	60.78 (134.00)	<b>HUB-200</b>
		65.8 (2.59)	2.3 (0.09)	7.9 (0.31)				
2-1/2	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	60.7 (2.39)	92.2 (3.63)	107.05 (236.00)	<b>HUB-250</b>
3	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	62.9 (2.48)	25.4 (1.00)	140.61 (310.00)	<b>HUB-300</b>
3-1/2	102.1 (4.02)	104.9 (4.13)	2.3 (0.09)	7.9 (0.31)	81.0 (3.19)	122.2 (4.81)	181.44 (400.00)	<b>HUB-350</b>
4	114.8 (4.52)	117.6 (4.63)	2.3 (0.09)	7.9 (0.31)	66.8 (2.63)	138.2 (5.44)	215.46 (475.00)	<b>HUB-400</b>
<b>90°</b>								
1/2	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	32.5 (1.28)	22.4 (0.88)	16.33 (36.00)	<b>HUB-9050</b>
		24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
3/4	27.7 (1.09)	29.5 (1.16)	1.5 (0.06)	2.0 (0.08)	36.6 (1.44)	23.9 (0.94)	22.68 (50.00)	<b>HUB-9075</b>
		31.0 (1.22)	2.3 (0.09)	6.4 (0.25)				
1	34.0 (1.34)	35.8 (1.41)	1.5 (0.06)	2.0 (0.08)	41.4 (1.63)	28.7 (1.13)	34.02 (75.00)	<b>HUB-90100</b>
		37.3 (1.47)	2.3 (0.09)	6.4 (0.25)				



# Globally Certified Hubs

## NEC/CEC:

Suitable for hazardous locations:  
Class I, Division 2, Class II, Class III  
Per NEC 501.10(B)(4), 502.10(A)(3),  
502.10(B)(4), 503.10(A)(1).

## NEC/CEC:

Suitable for hazardous locations:  
AEx tb IIIC, Ex e IIC, Ex tb IIIC  
-15 °C to +95 °C (+5 °F to +203 °F)

## ATEX/IECEX/INMETRO:

Ex e IIC, Ex tb IIIC  
-15 °C to +95 °C (+5 °F to +203 °F)

## Applications

- Used to connect and ground rigid metal conduit or IMC conduit to a threadless enclosure.
- May be used in wet or dry locations, indoors or outdoors.

## Features

- Globally certified
- Increased safety grounding terminal (lug) suitable for global use
- Rugged metallic construction ensures mechanical protection
- Integral hub gasket provides watertight seal
- Unique profile permits easy wrenching
- Smooth, accurately machined NPT threads facilitate flawless installation
- Watertight and corrosion resistant
- NEMA Types 2, 3, 3R, 4, 4X ①, 5, 12, 13 pending

## Material/Finish

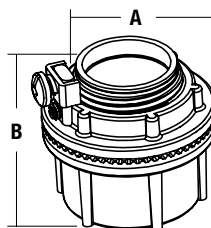
- Bodies and nuts: zinc die cast or aluminum
- Hub gasket: BUNA-N
- Throat liner: polypropylene
- Ground screw, washer, set screw: stainless steel

## NEC/CEC Certifications and Compliances

- cULus Listed: E-24264
- UL: 50E, 467, 514B
- CSA: C22.2 No. 18.3 and 94.2
- UL/CSA/IEC 60079-0, 7, 31
- NEMA: FB-1



HUBG



HUBG Series

Trade Size (Inches)	Metric Designator	Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)		Max. Copper Grd. Wire Size		Carton Qty.	Weight 100 pcs kg (lbs)	Catalog Number	
		Hole Diameter Min. – Max	Panel Thickness Min. – Max	A	B	UL	CSA ②			Zinc Diecast	Aluminum
1/2	16	21.8–22.6 (0.86 – 0.89)	0.8 – 6.4 (0.03 – 0.25)	37.3 (1.47)	36.6 (1.44)	#8	#8	25	9 (20)	HUBG50ZGC	HUBG50ZAGC
3/4	21	27.8 – 29.0 (1.09 – 1.14)	0.8 – 6.4 (0.03 – 0.25)	39.9 (1.57)	42.7 (1.68)	#8	#8	25	14 (31)	HUBG75ZGC	HUBG75ZAGC
1	27	34.5 – 40 (1.36 – 1.41)	0.8 – 6.4 (0.03 – 0.25)	45.5 (1.79)	50.6 (1.99)	#8	#8	25	20 (44)	HUBG100ZGC	HUBG100ZAGC
1- 1/4	35	43.7–44.9 (1.72–1.77)	0.8 – 6.4 (0.03 – 0.25)	45.5 (1.79)	59.9 (2.36)	#8	#8	10	27 (60)	HUBG125ZGC	HUBG125ZAGC
1- 1/2	41	49.7–51.2 (1.96–2.02)	1.5 – 6.4 (0.06 – 0.25)	45.5 (1.79)	69.6 (2.74)	#8	#6	10	33 (73)	HUBG150ZGC	HUBG150ZAGC
2	53	61.8 – 63.5 (2.43 – 2.50)	1.5 – 6.4 (0.06 – 0.25)	45.7 (1.80)	82.0 (3.23)	#8	#4	10	45 (99)	HUBG200ZGC	HUBG200ZAGC
2-1/2	63	74.6 – 76.2 (2.94 – 3.00)	1.5 – 6.4 (0.06 – 0.25)	64.8 (2.55)	93.7 (3.69)	#6	#2	10	66 (145)	HUBG250ZGC	HUBG250ZAGC
3	78	91.0 – 92.1 (3.58 – 3.63)	1.5 – 6.4 (0.06 – 0.25)	65.5 (2.58)	110.7 (4.36)	#6	1/0	10	110 (243)	HUBG300ZGC	HUBG300ZAGC
3-1/2	91	103.2 – 105.6 (4.06 – 4.16)	1.5 – 6.4 (0.06 – 0.25)	65.8 (2.59)	125.7 (4.95)	#6	2/0	5	138 (304)	HUBG350ZGC	HUBG350ZAGC
4	103	115.9 – 118.7 (4.56 – 4.67)	1.5 – 6.4 (0.06 – 0.25)	66.3 (2.61)	138.4 (5.45)	#4	2/0	5	148 (327)	HUBG400ZGC	HUBG400ZAGC

① CSA requires the use of a wire terminal at #10AWG and above.

② Aluminum only.



# Globally Certified Hubs

Aluminum Die Cast, Insulated and Gasketed

**NEC/CEC:**

Suitable for hazardous locations:  
Class I, Division 2, Class II, Class III  
Per NEC 501.10(B)(4), 502.10(A)(3),  
502.10(B)(4), 503.10(A)(1).

**NEC/CEC:**

Suitable for hazardous locations:  
AEx tb IIIC, Ex e IIC, Ex tb IIIC  
-15 °C to +95 °C (+5 °F to +203 °F)

**ATEX/IECEX/INMETRO:**

Ex e IIC, Ex tb IIIC  
-15 °C to +95 °C (+5 °F to +203 °F)

Knockout Hole Size mm. (in.)	Trade Size (Inches)	Trade Size Dimensions in Inches												
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"			
22.4 (.88)	1/2	<b>39.6</b> <b>(1.56)</b>												
28.7 (1.13)	3/4	42.9 (1.69)	<b>46.0</b> <b>(1.81)</b>											
35.1 (1.38)	1	46.7 (1.84)	50.5 (1.99)	<b>54.1</b> <b>(2.13)</b>										
44.5 (1.75)	1-1/4	51.6 (2.03)	54.9 (2.16)	58.7 (2.31)	<b>63.5</b> <b>(2.50)</b>									
50.8 (2.0)	1-1/2	56.4 (2.22)	59.4 (2.34)	63.5 (2.50)	68.3 (2.69)	<b>73.2</b> <b>(2.88)</b>								
63.5 (2.5)	2	62.7 (2.47)	65.8 (2.59)	69.9 (2.75)	74.7 (2.94)	79.5 (3.13)	<b>85.9</b> <b>(3.38)</b>							
75.4 (2.97)	2-1/2	69.1 (2.7)	72.1 (2.8)	76.2 (3.00)	81.3 (3.20)	85.9 (3.38)	92.2 (3.63)	<b>98.0</b> <b>(3.86)</b>						
91.2 (3.59)	3	77.0 (3.03)	80.3 (3.16)	84.6 (3.33)	88.9 (3.50)	92.0 (3.61)	97.3 (3.83)	106.4 (4.19)	<b>114.3</b> <b>(4.50)</b>					
104.9 (4.13)	3-1/2	84.8 (3.34)	88.1 (3.47)	92.2 (3.63)	98.3 (3.87)	101.6 (4.00)	108.0 (4.25)	114.3 (4.50)	122.2 (4.81)	<b>130.3</b> <b>(5.13)</b>				
117.9 (4.64)	4	91.2 (3.59)	94.5 (3.72)	98.0 (3.86)	103.4 (4.07)	108.0 (4.25)	114.3 (4.50)	120.7 (4.75)	128.8 (5.07)	136.1 (5.36)	<b>146.1</b> <b>(5.75)</b>			

Dimensions in **bold** are for centers of conduits of same size, all other dimensions are for centers of conduits of a different size.

Appleton® OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

# Aluminum Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations:  
Class I, Division 2; Class II, Divisions 1 and 2;  
Class III, per NEC 501.10(B)(4), 502.10(A)(3),  
502.10(B)(4), 503.10(A)(1).

## Applications

- Used to connect rigid metal conduit or IMC to a threadless opening in an enclosure.
- May be used in wet or dry locations, indoors or outdoors.

## Features

- Rugged metallic construction ensures mechanical protection.
- Insulated throat, rated up to +105 °C (+221 °F), prevents wire abrasion.
- Integral O-ring provides watertight seal.
- HUBG provides lug for grounding conductor.
- Unique profile permits easy wrenching.
- Smooth, accurately tapped threads facilitate installation.
- Watertight and corrosion resistant.
- NEMA Types 2, 3, 3R, 4, 4X, 5, 12, 13

## Standard Materials

- Bodies and nuts: copperfree (4/10 of 1% max.) aluminum diecast
- O-ring: BUNA-N
- Insulator: polypropylene
- Ground screw: stainless steel

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-24264, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

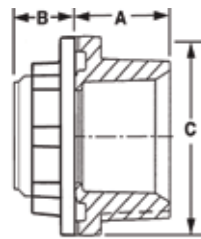


HUB

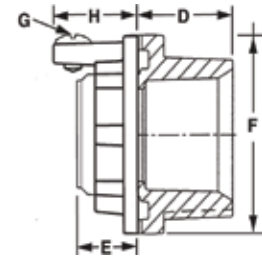


HUBG

## Illustrated Dimensions



HUB Series



HUBG Series

## Hub Spacing

Knockout Hole Size mm (in)	Trade Size (Inches)	Dimensions in Millimeters (Inches)										
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	
22.4 (.88)	1/2	<b>39.6</b> <b>(1.56)</b>										
28.7 (1.13)	3/4	42.9 (1.69)	<b>46.0</b> <b>(1.81)</b>									
35.1 (1.38)	1	46.7 (1.84)	50.5 (1.99)	<b>54.1</b> <b>(2.13)</b>								
44.5 (1.75)	1-1/4	51.6 (2.03)	54.9 (2.16)	58.7 (2.31)	<b>63.5</b> <b>(2.50)</b>							
50.8 (2.0)	1-1/2	56.4 (2.22)	59.4 (2.34)	63.5 (2.50)	68.3 (2.69)	<b>73.2</b> <b>(2.88)</b>						
63.5 (2.5)	2	62.7 (2.47)	65.8 (2.59)	69.9 (2.75)	74.7 (2.94)	79.5 (3.13)	<b>85.9</b> <b>(3.38)</b>					
75.4 (2.97)	2-1/2	69.1 (2.7)	72.1 (2.8)	76.2 (3.00)	81.3 (3.20)	85.9 (3.38)	92.2 (3.63)	<b>98.0</b> <b>(3.86)</b>				
91.2 (3.59)	3	77.0 (3.03)	80.3 (3.16)	84.6 (3.33)	88.9 (3.50)	92.0 (3.61)	97.3 (3.83)	106.4 (4.19)	<b>114.3</b> <b>(4.50)</b>			
104.9 (4.13)	3-1/2	84.8 (3.34)	88.1 (3.47)	92.2 (3.63)	98.3 (3.87)	101.6 (4.00)	108.0 (4.25)	114.3 (4.50)	122.2 (4.81)	<b>130.3</b> <b>(5.13)</b>		
117.9 (4.64)	4	91.2 (3.59)	94.5 (3.72)	98.0 (3.86)	103.4 (4.07)	108.0 (4.25)	114.3 (4.50)	120.7 (4.75)	128.8 (5.07)	136.1 (5.36)	<b>146.1</b> <b>(5.75)</b>	

Dimensions in **bold** are for centers of conduits of same size, all other dimensions are for centers of conduits of a different size.

# Aluminum Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations:  
Class I, Division 2; Class II, Divisions 1 and 2;  
Class III, per NEC 501.10(B)(4), 502.10(A)(3),  
502.10(B)(4), 503.10(A)(1).

## Aluminum Diecast Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Catalog Number
	Hole Diameter Min. — Max	Panel Thickness Min. — Max	A	B	C	
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.1 (0.83)	14.5 (0.57)	36.6 (1.44)	HUB-50A
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	22.9 (0.90)	15.0 (0.59)	42.4 (1.67)	HUB-75A
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.9 (1.06)	17.0 (0.67)	50.5 (1.99)	HUB-100A
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	25.9 (1.02)	17.5 (0.69)	59.9 (2.36)	HUB-125A
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	25.9 (1.02)	17.5 (0.69)	69.6 (2.74)	HUB-150A
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	27.4 (1.08)	16.8 (0.66)	82.0 (3.23)	HUB-200A
2-1/2	74.7 — 76.2 (2.94 — 3.00)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	93.6 (3.69)	HUB-250A
3	90.4 — 92.2 (3.56 — 3.63)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	110.8 (4.36)	HUB-300A
3-1/2	103.1 — 105.7 (4.06 — 4.16)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	126.0 (4.96)	HUB-350A
4	115.8 — 118.6 (4.56 — 4.67)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	138.5 (5.45)	HUB-400A

## Grounding Style Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)					Catalog Number
	Hole Diameter Min. — Max	Panel Thickness Min. — Max	D	E	F	G	H	
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.1 (0.83)	14.5 (0.57)	36.6 (1.44)	10-32x0.3	15.0 (0.59)	HUBG-50A
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	22.9 (0.90)	15.0 (0.59)	42.4 (1.67)	10-32x0.3	15.0 (0.59)	HUBG-75A
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.9 (1.06)	17.0 (0.67)	50.5 (1.99)	10-32x0.3	16.0 (0.63)	HUBG-100A
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	25.9 (1.02)	17.5 (0.69)	59.9 (2.36)	1/4-20x0.333	17.5 (0.69)	HUBG-125A
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	25.9 (1.02)	17.5 (0.69)	69.6 (2.74)	1/4-20x0.333	20.6 (0.81)	HUBG-150A
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	27.4 (1.08)	16.8 (0.66)	82.0 (3.23)	1/4-20x0.333	20.6 (0.81)	HUBG-200A
2-1/2	74.68 — 76.2 (2.94 — 3.00)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	93.6 (3.69)	1/4-20x0.333	30.8 (1.21)	HUBG-250A
3	90.42 — 92.2 (3.56 — 3.63)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	110.8 (4.36)	1/4-20x0.333	30.8 (1.21)	HUBG-300A
3-1/2	103.12 — 105.66 (4.06 — 4.16)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	126.0 (4.96)	1/4-20x0.333	31.0 (1.22)	HUBG-350A
4	115.82 — 118.62 (4.56 — 4.67)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	138.5 (5.45)	1/4-20x0.333	31.0 (1.22)	HUBG-400A

# Zinc Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations:  
Class I, Division 2; Class II, Divisions 1 and 2;  
Class III, per NEC 501.10(B)(4), 502.10(A)(1)(4),  
502.10(B)(4), 503.10(A)(1).

## Applications

- Used to connect rigid metal conduit or IMC to a threadless opening in an enclosure.
- May be used in wet or dry locations, indoors or outdoors.

## Features

- Rugged metallic construction ensures mechanical protection.
- Insulated throat, rated up to +105 °C (+221 °F), prevents wire abrasion.
- Integral O-ring provides watertight seal.
- Grounding version provides positive ground for external conductor.
- Unique profile permits easy wrenching.
- Smooth, accurately tapped threads facilitate installation.
- Watertight and corrosion resistant.
- NEMA Types 2, 3, 3R, 4, 4X, 5, 12, 13

## Material/Finish

- Bodies and nuts: zinc diecast
- O-ring: BUNA-N
- Insulator: polycarbonate
- Ground screw: mild steel

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539, E37337
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

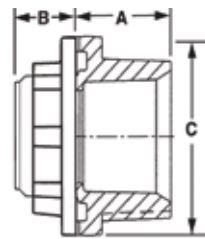


HUB

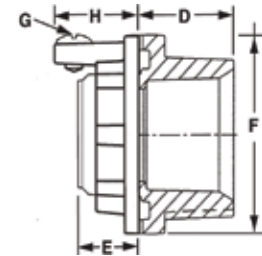


HUBG

## Illustrated Dimensions



HUB Series



HUBG Series

## Hub Spacing

Knockout Hole Size mm. (in.)	Trade Size (Inches)	Trade Size Dimensions in Inches												
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"			
0.88 (22.35)	1/2	<b>33.6</b> (1.56)												
1.13 (33.0)	3/4	42.9 (1.69)	<b>45.9</b> (1.81)											
1.38 (35.1)	1	46.7 (1.84)	50.0 (1.97)	<b>54.1</b> (2.13)										
1.75 (44.45)	1-1/4	51.6 (2.03)	54.9 (2.16)	58.7 (2.31)	<b>63.5</b> (2.50)									
2.00 (50.8)	1-1/2	56.4 (2.22)	59.4 (2.34)	63.5 (2.50)	68.3 (2.69)	<b>73.1</b> (2.88)								
2.50 (63.5)	2	62.7 (2.47)	65.8 (2.59)	69.9 (2.75)	75.4 (2.97)	79.5 (3.13)	<b>85.9</b> (3.38)							
3.00 (76.2)	2-1/2	69.1 (2.72)	72.1 (2.84)	76.2 (3.00)	81.0 (3.19)	85.9 (3.38)	92.2 (3.63)	<b>98.6</b> (3.88)						
3.63 (92.2)	3	76.5 (3.01)	80.3 (3.16)	84.1 (3.31)	88.9 (3.50)	93.7 (3.69)	96.8 (3.81)	114.0 (4.49)	<b>114.3</b> (4.50)					
4.13 (104.9)	3-1/2	84.8 (3.34)	88.1 (3.47)	92.2 (3.63)	96.8 (3.81)	101.6 (4.00)	107.9 (4.25)	114.3 (4.50)	122.2 (4.81)	<b>130.3</b> (5.13)				
4.63 (117.6)	4	91.2 (3.59)	119.9 (4.72)	98.6 (3.88)	103.1 (4.06)	107.9 (4.25)	114.3 (4.50)	120.7 (4.75)	128.5 (5.06)	136.7 (5.38)	<b>146.1</b> (5.75)			

Dimensions in **bold** are for centers of conduits of same size, all other dimensions are for centers of conduits of a different size.

# Zinc Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations:  
Class I, Division 2; Class II, Divisions 1 and 2;  
Class III, per NEC 501.10(B)(4), 502.10(A)(1)(4),  
502.10(B)(4), 503.10(A)(1).

## Zinc Diecast Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Catalog Number
	Hole Diameter Min. — Max	Panel Thickness Min. — Max	A	B	C	
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.3 (0.84)	16.3 (0.64)	36.6 (1.44)	HUB-50DN
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	23.9 (0.94)	16.3 (0.64)	42.9 (1.69)	HUB-75DN
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.2 (1.03)	19.8 (0.78)	50.8 (2.00)	HUB-100DN
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	28.4 (1.12)	19.8 (0.78)	60.5 (2.38)	HUB-125DN
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	69.9 (2.75)	HUB-150DN
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	82.6 (3.25)	HUB-200DN
2-1/2	72.6 — 76.2 (2.86 — 3.00)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	94.5 (3.72)	HUB-250DN
3	88.4 — 92.2 (3.48 — 3.63)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	111.3 (4.38)	HUB-300DN
3-1/2	101.1 — 105.7 (3.98 — 4.16)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	125.5 (4.94)	HUB-350DN
4	113.8 — 118.6 (4.48 — 4.67)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	138.9 (5.47)	HUB-400DN

## Grounding Style Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)					Catalog Number
	Hole Diameter Min. — Max	Panel Thickness Min. — Max	D	E	F	G	H	
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.3 (0.84)	16.3 (0.64)	36.6 (1.44)	10—32x1/4	17.5 (0.69)	HUBG-50DN
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	23.9 (0.94)	16.3 (0.64)	42.9 (1.69)	10—32x1/4	19.8 (0.78)	HUBG-75DN
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.2 (1.03)	19.8 (0.78)	50.8 (2.00)	10—32x1/4	19.8 (0.78)	HUBG-100DN
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	28.4 (1.12)	19.8 (0.78)	60.5 (2.38)	1/4—20x3/8	20.6 (0.81)	HUBG-125DN
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	69.9 (2.75)	1/4—20x3/8	25.4 (1.00)	HUBG-150DN
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	82.6 (3.25)	1/4—20x1/2	25.4 (1.00)	HUBG-200DN
2-1/2	72.6 — 76.2 (2.86 — 3.00)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	94.5 (3.72)	1/4—20x1/2	31.8 (1.25)	HUBG-250DN
3	88.4 — 92.2 (3.48 — 3.63)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	111.3 (4.38)	1/4—20x1/2	31.8 (1.25)	HUBG-300DN
3-1/2	101.1 — 105.7 (3.98 — 4.16)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	125.5 (4.94)	1/4—20x1/2	33.3 (1.31)	HUBG-350DN
4	113.8 — 118.6 (4.48 — 4.67)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	138.9 (5.47)	1/4—20x1/2	33.3 (1.31)	HUBG-400DN

# Threaded Enlargers and Nipples For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications


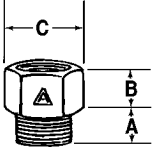

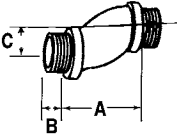
- Male enlargers:
  - Used to adapt an outlet hole to the next larger size of conduit.
- Offset nipples:
  - Provides box to box connection of knockouts
  - Allows misaligned knockout connection by rolling the offset nipple until aligned with each knockout
- Bushed nipples:
  - Used through knockout to connect box to conduit coupling
  - Used with a locknut to connect two boxes side by side or back to back
  - Used with a locknut to connect fixture housings and continuous runs

## Material/Finish

- Male enlargers: turned steel
- Offset nipples: malleable iron/zinc plated
- Bushed nipples: malleable iron/zinc plated

## NEC/CEC Certifications and Compliances

- All Models:
  - UL Standard: 514B
  - CSA Standard: C22.2 No. 18.3
  - NEMA: FB-1
- OFN Models only:
  - UL Listed: E-11853
  - CSA Certified: 065178


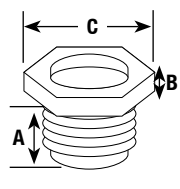

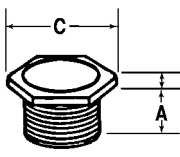
	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	
		A	B	C			
<b>Male Enlargers — Turned Steel ①②</b>							
	3/4F x 1/2M	14.2 (0.56)	19.8 (0.78)	35.1 (1.38)	7.3 (16.00)	<b>ME50-75</b>	
	1F x 3/4M	12.7 (0.50)	23.9 (0.94)	44.5 (1.75)	11.8 (26.00)	<b>ME75-100</b>	
	1-1/4F x 1M	14.2 (0.56)	26.9 (1.06)	57.2 (2.25)	21.3 (47.00)	<b>ME100-125</b>	
<b>Offset Nipples — Malleable Iron/Zinc Plated</b>							
	1/2	41.4 (1.63)	11.2 (0.44)	19.1 (0.75)	10.4 (23.00)	<b>OFN-50</b>	
	3/4	41.4 (1.63)	11.2 (0.44)	19.1 (0.75)	14.1 (31.00)	<b>OFN-75</b>	
	1	41.4 (1.63)	12.7 (0.50)	19.1 (0.75)	20.0 (44.00)	<b>OFN-100</b>	
	1-1/4	41.4 (1.63)	14.2 (0.56)	19.1 (0.75)	27.2 (60.00)	<b>OFN-125</b>	
	1-1/2	41.4 (1.63)	16.0 (0.63)	19.1 (0.75)	37.2 (82.00)	<b>OFN-150</b>	
	2	41.4 (1.63)	19.1 (0.75)	19.1 (0.75)	50.8 (112.00)	<b>OFN-200</b>	

① Not CSA Certified.

② Not UL Listed.

# Threaded Enlargers and Nipples For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		A	B	C		
<b>Bushed Nipples — Insulated — Malleable iron/Zinc plated</b>						
		12.70 (0.50)	3.30 (0.13)	22.35 (0.88)	—	—
	1/2	12.70 (0.50)	4.83 (0.19)	28.70 (1.13)	CN-50I	7-50T
	3/4	16.00 (0.63)	4.83 (0.19)	31.75 (1.25)	CN-75I	7-75T
	1	16.00 (0.63)	6.35 (0.25)	44.45 (1.75)	CN-100I	7-100T
	1-1/4	22.35 (0.88)	6.35 (0.25)	54.10 (2.13)	CN-125I	7-125T
	1-1/2	25.40 (1.00)	7.87 (0.31)	63.50 (2.50)	CN-150I	7-150T
	2	28.70 (1.13)	7.87 (0.31)	76.20 (3.00)	CN-200I	7-200T
	2-1/2	31.75 (1.25)	9.65 (0.38)	92.20 (3.63)	CN-250I	7-250T
	3	31.75 (1.25)	9.65 (0.38)	114.30 (4.50)	CN-300I	7-300T
	3-1/2	35.05 (1.38)	9.65 (0.38)	130.30 (5.13)	CN-350I	7-350T
	4	31.75 (1.25)	11.18 (0.44)	133.35 (5.25)	CN-400I	7-400T
	5	31.75 (1.25)	12.70 (0.50)	162.05 (6.38)	CN-500I	7-500T
	6	41.40 (1.63)	12.70 (0.50)	193.80 (7.63)	CN-600I	7-600T
						
<b>Bushed Nipples — 3/8 - 1: Zinc Diecast — 1-1/4 - 6: Ductile Iron/Zinc Plated</b>						
	3/8	12.07 (0.50)	3.30 (0.13)	22.35 (0.88)	CN-38	7-38
	1/2	12.07 (0.50)	4.83 (0.19)	28.70 (1.13)	CN-50	7-50
	3/4	16.00 (0.63)	4.83 (0.19)	31.75 (1.25)	CN-75	7-75
	1	16.00 (0.63)	6.35 (0.25)	44.45 (1.75)	CN-100	7-100
	1-1/4	22.35 (0.88)	6.35 (0.25)	54.10 (2.13)	CN-125	7-125
	1-1/2	25.40 (1.00)	7.87 (0.31)	63.50 (2.50)	CN-150	7-150
	2	28.70 (1.13)	7.87 (0.31)	76.20 (3.00)	CN-200	7-200
	2-1/2	31.75 (1.25)	9.65 (0.38)	92.2 (3.63)	CN-250	7-250
	3	31.75 (1.25)	9.65 (0.38)	114.30 (4.50)	CN-300	7-300
	3-1/2	35.05 (1.38)	9.65 (0.38)	130.30 (5.13)	CN-350	7-350
	4	31.75 (1.25)	11.18 (0.44)	133.35 (5.25)	CN-400	7-400
	5	31.75 (1.25)	12.70 (0.50)	162.05 (6.38)	CN-500	7-500
	6	41.40 (1.63)	12.70 (0.50)	193.80 (7.63)	CN-600	7-600
						

Appleton™ O-Z/GEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

# Type ICC Phenolic Insulating Couplings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
Rated for Ordinary Locations

## Applications

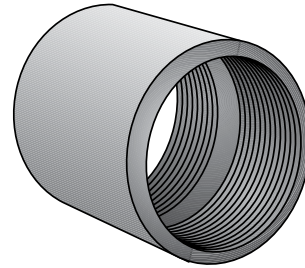
- An insulating coupling having a substantial center shoulder, which prevents butting of the conduits, to assure a definite break in the metallic path.
- The Type ICC is recommended for use where high strength or resistance to moisture or acid conditions is required.

## Features

- Will not melt, soften or burn
- Temperature rating +150 °C (+302 °F)
- Dielectric strength of 220 V/mil.
- Tapered threads (NPT)

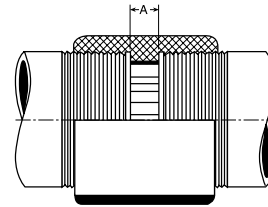
## Standard Materials

- Canvas base phenolic (black).



Type ICC

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Maximum Diameter	Overall Length	"A" Shoulder	
1/2	28.70 (1.13)	35.05 (1.38)	9.65 (0.38)	ICC-50
3/4	33.27 (1.31)	38.10 (1.50)	9.65 (0.38)	ICC-75
1	41.40 (1.63)	44.45 (1.75)	9.65 (0.38)	ICC-100
1-1/4	50.80 (2.00)	47.75 (1.88)	9.65 (0.38)	ICC-125
1-1/2	57.15 (2.25)	50.80 (2.00)	9.65 (0.38)	ICC-150
2	69.85 (2.75)	54.10 (2.13)	9.65 (0.38)	ICC-200
2-1/2	82.55 (3.25)	79.50 (3.13)	16.00 (0.63)	ICC-250
3	98.55 (3.88)	82.55 (3.25)	16.00 (0.63)	ICC-300
3-1/2	111.25 (4.38)	85.85 (3.38)	16.00 (0.63)	ICC-350
4	127.00 (5.00)	92.20 (3.63)	16.00 (0.63)	ICC-400
5	158.75 (6.25)	101.60 (4.00)	19.05 (0.75)	ICC-500
6	184.15 (7.25)	107.95 (4.25)	19.05 (0.75)	ICC-600



# Threadless Compression and Set-Screw Couplings and Connectors For RMC and IMC

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

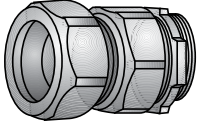
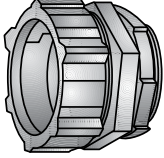
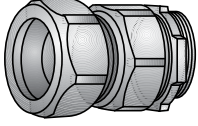
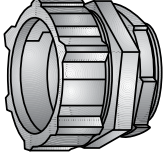
- Compression couplings are used to join lengths of rigid metal conduit.
- Compression connectors are used to secure and terminate rigid metal conduit to enclosures.
- Set-screw couplings are used to join lengths of rigid metal conduit and IMC.
- Set-screw connectors are used to secure and terminate rigid metal conduit and IMC to enclosures.

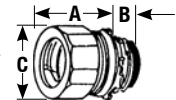
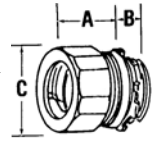
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853 (NTC 1/2 - 2) (NTCC 1/2 - 2)
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178 (SNTC and SNRTC)
- NEMA: FB-1

## Standard Materials

- Malleable iron/zinc electroplate

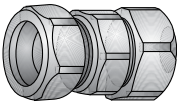
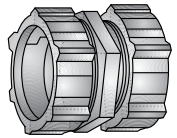

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		A	B	C		
<b>Compression Connectors - Concretetight</b>						
	1/2	19.1 (0.75)	35.1 (1.38)	11.2 (0.44)	<b>NTC-50</b>	<b>31-050</b>
	3/4	22.4 (0.88)	39.6 (1.56)	11.2 (0.44)	<b>NTC-75</b>	<b>31-075</b>
	1	30.2 (1.19)	49.3 (1.94)	14.2 (0.56)	<b>NTC-100</b>	<b>31-100</b>
	1-1/4	35.1 (1.38)	58.7 (2.31)	16.0 (0.63)	<b>NTC-125</b>	<b>31-125</b>
	1-1/2	35.1 (1.38)	66.8 (2.63)	16.0 (0.63)	<b>NTC-150</b>	<b>31-150</b>
	2	38.1 (1.50)	84.1 (3.31)	17.5 (0.69)	<b>NTC-200</b>	<b>31-200</b>
	2 - 1/2	54.1 (2.13)	102.4 (4.03)	25.4 (1.0)	<b>NTC-250</b> ①	<b>31-250</b> ①
	3	62.0 (2.44)	122.2 (4.81)	25.4 (1.0)	<b>NTC-300</b> ①	<b>31-300</b> ①
	3 - 1/2	66.8 (2.63)	139.7 (5.50)	30.2 (1.19)	<b>NTC-350</b> ①	<b>31-350</b> ①
	4	65.0 (2.56)	155.7 (6.13)	31.8 (1.25)	<b>NTC-400</b> ①	<b>31-400</b> ①
	5	55.63 (2.19)	187.45 (7.38)	28.7 (1.13)	—	<b>31-500</b> ①
	6	60.45 (2.38)	217.42 (8.56)	35.05 (1.38)	—	<b>31-600</b> ①
<b>Compression Connectors – Insulated – Concretetight</b>						
	1/2	19.1 (0.75)	35.1 (1.38)	11.2 (0.44)	<b>RNTC-50</b>	<b>31-050T</b>
	3/4	22.4 (0.88)	39.6 (1.56)	11.2 (0.44)	<b>RNTC-75</b>	<b>31-075T</b>
	1	30.2 (1.19)	49.3 (1.94)	14.2 (0.56)	<b>RNTC-100</b>	<b>31-100T</b>
	1-1/4	35.1 (1.38)	58.7 (2.31)	16.0 (0.63)	<b>RNTC-125</b>	<b>31-125T</b>
	1-1/2	35.1 (1.38)	66.8 (2.63)	16.0 (0.63)	<b>RNTC-150</b>	<b>31-150T</b>
	2	38.1 (1.50)	84.1 (3.31)	17.5 (0.69)	<b>RNTC-200</b>	<b>31-200T</b>
	2-1/2	54.1 (2.13)	102.36 (4.03)	25.4 (1.0)	—	<b>31-250T</b> ①
	3	61.98 (2.44)	122.17 (4.81)	25.4 (1.0)	—	<b>31-300T</b> ①
	3-1/2	66.8 (2.63)	139.7 (5.5)	30.23 (1.19)	—	<b>31-350T</b> ①
	4	65.02 (2.56)	155.7 (6.13)	31.75 (1.25)	—	<b>31-400T</b> ①
	5	55.63 (2.19)	187.45 (7.38)	28.7 (1.13)	—	<b>31-500T</b> ①
6	60.45 (2.38)	217.42 (8.56)	35.05 (1.38)	—	<b>31-600T</b> ①	

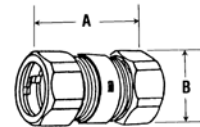


① Not UL Listed.

# Threadless Compression and Set-Screw Couplings and Connectors For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		A	B	C		
<b>Compression Couplings - Concretetight</b>						
	1/2	42.9 (1.69)	35.1 (1.38)	—	<b>NTCC-50</b>	<b>30-050</b>
	3/4	44.5 (1.75)	39.6 (1.56)	—	<b>NTCC-75</b>	<b>30-075</b>
	1	49.3 (1.94)	49.3 (1.94)	—	<b>NTCC-100</b>	<b>30-100</b>
	1-1/4	63.5 (2.50)	58.7 (2.31)	—	<b>NTCC-125</b>	<b>30-125</b>
	1-1/2	65.0 (2.56)	66.8 (2.63)	—	<b>NTCC-150</b>	<b>30-150</b>
	2	73.2 (2.88)	84.1 (3.31)	—	<b>NTCC-200</b>	<b>30-200</b>
	2 - 1/2	100.1 (3.94)	102.4 (4.03)	—	<b>NTCC-250</b> ①	<b>30-250</b> ①
	3	109.5 (4.31)	122.2 (4.81)	—	<b>NTCC-300</b> ①	<b>30-300</b> ①
	3 - 1/2	114.3 (4.50)	139.7 (5.50)	—	<b>NTCC-350</b> ①	<b>30-350</b> ①
	4	115.8 (4.56)	155.7 (6.13)	—	<b>NTCC-400</b> ①	<b>30-400</b> ①
	5	98.55 (3.88)	187.45 (7.38)	—	—	<b>30-500</b> ①
	6	107.95 (4.25)	217.42 (8.56)	—	—	<b>30-600</b> ①
<b>90° Compression Box Connectors - Concretetight</b>						
	1/2	36.6 (1.44)	11.2 (0.44)	27.7 (1.09)	<b>NL90-50L</b> ①	—
	3/4	41.4 (1.63)	11.2 (0.44)	31.8 (1.25)	<b>NL90-75L</b> ①	—

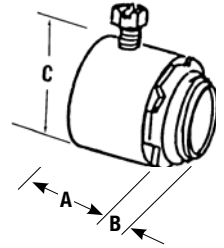


① Not UL Listed.

# Threadless Compression and Set-Screw Couplings and Connectors For RMC and IMC

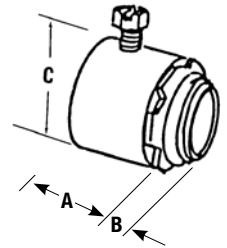
NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
	A	B	C		
1/2	24.6 (0.97)	31.8 (1.25)	11.2 (0.44)	SNTC-50	28-050
3/4	20.6 (0.81)	36.6 (1.44)	11.2 (0.44)	SNTC-75	28-075
1	36.6 (1.44)	44.5 (1.75)	13.5 (0.53)	SNTC-100	28-100
1-1/4	39.6 (1.56)	54.1 (2.13)	16.0 (0.63)	SNTC-125	28-125
1-1/2	44.5 (1.75)	60.5 (2.38)	16.0 (0.63)	SNTC-150	28-150
2	47.8 (1.88)	73.2 (2.88)	16.0 (0.63)	SNTC-200	28-200
2 - 1/2	54.1 (2.13)	90.4 (3.56)	25.4 (1.00)	SNTC-250	28-250
3	60.5 (2.38)	108 (4.25)	25.4 (1.00)	SNTC-300	28-300
3 - 1/2	69.9 (2.75)	120.7 (4.75)	28.3 (1.13)	SNTC-350	28-350
4	76.2 (3.00)	133.4 (5.25)	28.3 (1.13)	SNTC-400	28-400
5	101.6 (4.0)	171.45 (6.75)	31.75 (1.25)	—	28-500



## Set Screw Connectors — Insulated — Concretetight when taped

1/2	24.6 (0.97)	31.8 (1.25)	11.2 (0.44)	SRNTC-50	28-050T
3/4	20.6 (0.81)	36.6 (1.44)	11.2 (0.44)	SRNTC-75	28-075T
1	36.6 (1.44)	44.5 (1.75)	13.5 (0.53)	SRNTC-100	28-100T
1-1/4	39.6 (1.56)	54.1 (2.13)	16.0 (0.63)	SRNTC-125	28-125T
1-1/2	44.5 (1.75)	60.5 (2.38)	16.0 (0.63)	SRNTC-150	28-150T
2	47.8 (1.88)	73.2 (2.88)	16.0 (0.63)	SRNTC-200	28-200T
2 - 1/2	54.1 (2.13)	90.4 (3.56)	25.4 (1.00)	SRNTC-250	28-250T
3	60.5 (2.38)	108 (4.25)	25.4 (1.00)	SRNTC-300	28-300T
3 - 1/2	69.9 (2.75)	120.7 (4.75)	28.3 (1.13)	SRNTC-350	28-350T
4	76.2 (3.00)	133.4 (5.25)	28.3 (1.13)	SRNTC-400	28-400T
5	101.6 (4.0)	171.45 (6.75)	31.75 (1.25)	—	28-500T



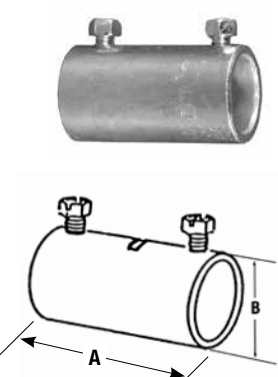
Ⓢ Not UL Listed.

Visit our website at [www.emerson.com](http://www.emerson.com) or contact us at (800) 621-1506.  
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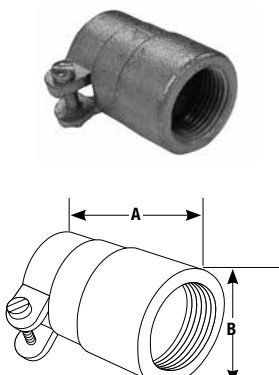
# Threadless Compression and Set-Screw Couplings and Connectors

## For RMC and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Cable (Inches)	Max. Diameter (Inches)	Dimensions in Millimeters (Inches)			Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
				A	B	C		
<b>Set Screw Couplings — Concretetight when taped — Steel</b>								
	1/2	—	—	44.5 (1.75)	31.8 (1.25)	—	<b>SNTCC-50</b>	<b>29-050</b>
	3/4	—	—	54.1 (2.13)	36.6 (1.44)	—	<b>SNTCC-75</b>	<b>29-075</b>
	1	—	—	66.8 (2.63)	44.5 (1.75)	—	<b>SNTCC-100</b>	<b>29-100</b>
	1-1/4	—	—	69.9 (2.75)	54.1 (2.13)	—	<b>SNTCC-125</b>	<b>29-125</b>
	1-1/2	—	—	79.5 (3.13)	60.5 (2.38)	—	<b>SNTCC-150</b>	<b>29-150</b>
	2	—	—	85.9 (3.38)	73.2 (2.88)	—	<b>SNTCC-200</b>	<b>29-200</b>
	2 - 1/2	—	—	98.6 (3.88)	90.4 (3.56)	—	<b>SNTCC-250</b>	<b>29-250</b>
	3	—	—	111.3 (4.38)	107.2 (4.22)	—	<b>SNTCC-300</b>	<b>29-300</b>
	3 - 1/2	—	—	127 (5.00)	120.7 (4.75)	—	<b>SNTCC-350</b>	<b>29-350</b>
	4	—	—	139.7 (5.50)	133.4 (5.25)	—	<b>SNTCC-400</b>	<b>29-400</b>
5	—	—	190.5 (7.5)	171.45 (6.75)	—	—	<b>29-500</b>	
6	—	—	215.9 (8.5)	200.15 (7.88)	—	—	<b>29-600</b>	

### Combination Armored Cable/Flexible Metal Conduit to Rigid Metal Conduit Couplings ①

	1/2	3/8AC	—	23.9 (0.94)	39.6 (1.56)	17.5 (0.69)	<b>RCC38-50</b>	—
	3/4	1/2FMC	15/16	25.4 (1.00)	44.5 (1.75)	23.9 (0.94)	<b>RCC-50</b>	—
	1	3/4FMC	1 - 1/8	30.2 (1.19)	46.0 (1.81)	26.9 (1.06)	<b>RCC-75</b>	—

① Not UL Listed or CSA Certified.

# Type EF and Type EFL Concrete Slab Electroform Inserts

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- For conduit installed in poured concrete slabs.
- Nail, screw or tack-weld insert to concrete deck form.

## Features

- Inserts available in straight or 90°

## Standard Materials

- Malleable iron

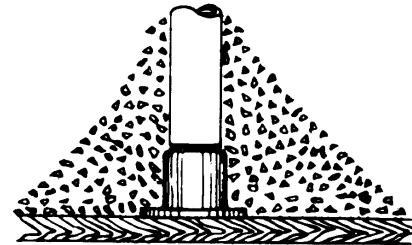
## Standard Finishes

- Zinc plated

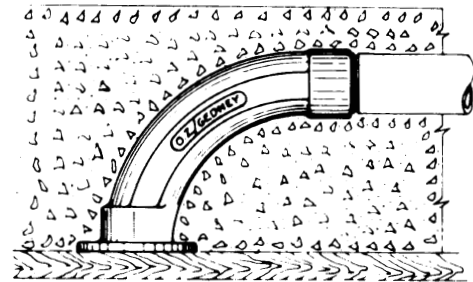
## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795

## Illustrated Features

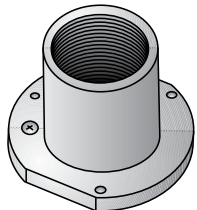
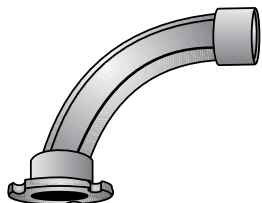


(Wood form shown)



(Wood form shown)

Shown in poured concrete slabs before wood or steel forms are removed.

	Trade Size (Inches)	Base Dia.	Dimensions in Millimeters (Inches)			Catalog Number
			Turning Radius	Base to Conduit Center	Height	
<b>Straight Conduit Inserts – For Concrete Slab 4" Thick and Up.</b>						
	1/2	49.28 (1.94)	—	44.45 (1.75)	23.88 (0.94)	<b>EF-50</b>
	3/4	55.63 (2.19)	—	50.8 (2)	35.05 (1.38)	<b>EF-75</b>
	1	63.5 (2.5)	—	84.07 (3.31)	41.4 (1.63)	<b>EF-100</b>
<b>90° Conduit Inserts – For Slabs 6" Thick and Up Require Bend Conduit Sweep.</b>						
	1/2	49.28 (1.94)	95.25 (3.75)	79.5 (3.13)	92.2 (3.63)	<b>EFL-50</b>
	3/4	55.63 (2.19)	96.77 (3.81)	77.72 (3.06)	93.73 (3.69)	<b>EFL-75</b>
	1	63.5 (2.5)	96.77 (3.81)	74.68 (2.94)	93.73 (3.69)	<b>EFL-100</b>

# Conduit End Bells

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**

*Requires no third party testing or certification*

**Application**

- Provides a smooth transition from conduit to open conductors.

**Features**

- Provides a smooth, rounded pulling surface, preventing damage to cable sheath or insulation.
- Slots are provided for attaching to concrete forms.

**Standard Materials**

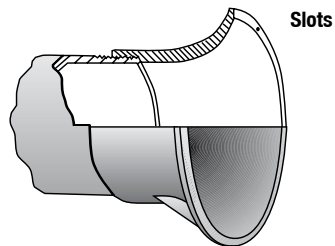
- Malleable or ductile iron

**Standard Finishes**

- Hot dip galvanized

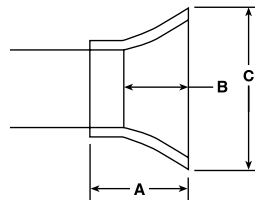
**NEC/CEC Certifications and Compliances**

- This product serves no electrical function and therefore requires no third party testing or certification. It is considered to be a helper component.



Type TNS

**Illustrated Dimensions**



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Overall (A)	Bell Height (B)	Max. Dia. (C)	
1-1/2	52.32 (2.06)	38.10 (1.50)	107.95 (4.25)	TNS-150
2	52.32 (2.06)	38.10 (1.50)	117.60 (4.63)	TNS-200
2-1/2	60.45 (2.38)	41.40 (1.63)	127.00 (5.00)	TNS-250
3	79.50 (3.13)	60.45 (2.38)	162.05 (6.38)	TNS-300
3-1/2	82.55 (3.25)	63.50 (2.50)	174.75 (6.88)	TNS-350
4	90.42 (3.56)	73.15 (2.88)	187.45 (7.38)	TNS-400
5	90.42 (3.56)	73.15 (2.88)	212.85 (8.38)	TNS-500
6	98.55 (3.88)	73.15 (2.88)	244.60 (9.63)	TNS-600

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

# General Cable Support Information

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Used to support cables in vertical raceways or risers.
- Relieves the strain that would be placed on terminations, the interior of panels, or other devices to which the cables are connected.
- Properly designed cable supports must not only be capable of supporting a given weight of cable with a good margin of safety but must also support the cable without damaging the insulation or excessively reducing the amount of insulation over the conductor in the area where the cable is supported. O-Z/Gedney™ has been furnishing Cable Supports to the electrical industry for almost 100 years that meet these requirements.

## Certifications and Compliances

- Requirements for Cable Supports in the National Electrical Code reads as follows: 300.19 Supporting Conductors in Vertical Raceways. (A) Spacing Intervals - Maximum. Conductors in vertical raceways shall be supported if the vertical rise exceeds the values in Table 300.19(A). One cable support shall be provided at the top of the vertical raceway or as close to the top as practical. Intermediate supports shall be provided as necessary to limit supported conductor lengths to not greater than those specified in Table 300.19(A).

Example:

- A 10-story building contains a vertical conduit run from the basement to the top floor, approx. 34 m (110 ft) in length. The raceway contains 4/0 copper conductors. Per Table 300.19(A), the unsupported cable length cannot exceed 25 m (80 ft). Therefore, one cable support is required at or near the top of the vertical riser, and one intermediate support is required at or near the midpoint in the conduit run, assuring that any unsupported cable length does not exceed 25 m (80 ft).

## Spacing for Conductor Supports

Size of Wire	Support of Conductors in Vertical Raceways	Aluminum or Copper – Clad Aluminum Meters (Feet)	Copper Meters (Feet)
18 AWG thru 8 AWG	Not greater than	30 (100)	30 (100)
6 AWG thru 1/0 AWG	Not greater than	60 (200)	30 (100)
2/0 AWG thru 4/0 AWG	Not greater than	55 (180)	25 (80)
over 4/0 AWG - 350 kcmil	Not greater than	41 (135)	18 (60)
over 350 kcmil - 500 kcmil	Not greater than	36 (120)	15 (50)
over 500 kcmil - 750 kcmil	Not greater than	28 (95)	12 (40)
over 750 kcmil	Not greater than	26 (85)	11 (35)

Application	Recommended O-Z/Gedney™ Cable Supports
TWO or more wires - Indoors - at voltages to 600 Volt	Type S
Retrofit - TWO or more wires - Indoors - at voltages to 600 Volt	Type D
ONE or more wires - Indoors - at all voltages	Type R
Retrofit - ONE or more wires - Indoors - at all voltages	Type DR
Ventilating - ONE or more wires - Outdoors - at all voltages	Type CMT
Ventilating - Bakelite - ONE or more wires - Outdoors - at all voltages	Type V
Non-ventilating - ONE or more wires - Outdoors - at all voltages	Type C
Locking - Horizontal/Vertical - ONE or more wires - Indoors - at all voltages	Type K
Space Maker - ONE or more wires - Indoors - at all voltages	Type M
Pull Box - ONE or more wires - Outdoors at all voltages	Type W
Conduit Ventilators	Type KVF/KVM
Grounding Lugs	Type G
Wire Armored Cable - In conduit or supported by structure	Type F/FS/FT/SF1773

# General Cable Support Information

NEC/CEC:  
Listed for Ordinary Locations

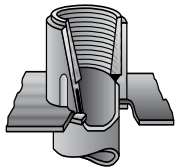
## Applications

- Two basic types of cable supports are offered for use with non-armored cable. They both utilize the pOZi-grip™ Wedging Plug. pOZi-grip™ is a unique manufacturing technique for lining the cable grooves with a coarse grain grit using a high strength epoxy adhesive. This grit improves the cable support holding power and does not injure the jacket or insulation on the cable.

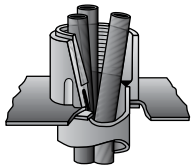
## One Piece Plug Type "S"

- This type consists of a metal body having an insulating liner with a knurled and tapered inside surface and a one piece impregnated hardwood wedging plug having a groove for each wire. This type support is recommended for use with all types of non-armored cables 600 Volts or less, as it is the easiest to install, impossible to install incorrectly and it provides ventilation of the conduit. This design is used in our Types S and D Cable Supports. The basic principles of their assembly are illustrated below.

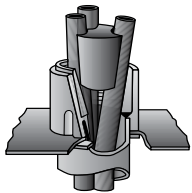
Type S



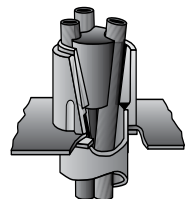
1. Screw body on the end of the conduit or connector in place of the regular insulating bushing.



2. Pull wires and arrange temporary means of support.



- 3a. Remove all pulling compound from wires in the area where they pass through the cable support.
- 3b. Place the plug between the wires as close to the top of the body as possible. Care should be taken to locate each wire in the proper groove.

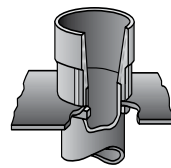


4. Tap the plug firmly into the support body.

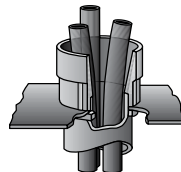
## Multiple Segment Plug Type "R"

- This type consists of an all metal body having a tapered inner surface and a canvas bakelite multiple segment wedging plug so constructed that each cable is supported between grooves in adjacent segments. This construction provides the uniform pressure distribution required by the softer types of insulations frequently used at higher voltages. This design is used in non-ventilating types R, DR, W, C, K and M, and Ventilating Compound Types CMT, and V. The basic principles of their assembly are illustrated below.

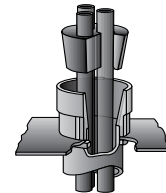
Type R



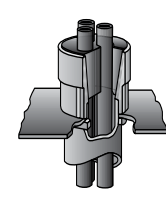
1. Screw body on the end of the conduit or connector in place of the regular insulating bushing.



2. Pull wires and arrange temporary means of support.



- 3a. Remove all pulling compound from wires in the area where they pass through the cable support.
- 3b. Place the segments of the plug around the wires. Where more than two segments are involved the top of each plug segment has numbers at each end and it is important that these are paired with the corresponding numbers on the adjacent plug segments.



4. Tap the plug segments evenly and firmly into the support body.



# Drill Chart for Type S and D Cable Supports

NEC/CEC:  
Listed for Ordinary Locations

## HOW TO USE THIS CHART FOR S AND D CABLE SUPPORTS

- (1) Select your conduit size and measure your cable diameter(s) which must fit within the min/max range corresponding to the quantity of cables in the white area of this chart. (Note: S and D Cable Supports must be used with two or more cables, 600 volts maximum)
- (2) Cable diameters that fall within the gray area of this chart cannot be accommodated. Therefore a 3" Cable Support has a cable range of 0.261" up to 1.130". Cables smaller or larger cannot be considered.
- (3) Example: A 3" Cable Support will be used for 3 cables at 1.051" and 1 cable at 0.384". Refer to the 3" Conduit Size column. We can fit 4 cables between 1.011" to 1.070" therefore 3 at 1.051" will fit. The fourth cable fits between 0.361" to 0.410" within the white area in the 3" Conduit column. This drilling will work.
- (4) Using the example above but the fourth cable is smaller at 0.216", this drilling will not work. The 0.216" cable falls into the 0.211" to 0.260" range which is within the gray shaded area of the 3" conduit column. In this case, we recommend using our Cable Supports with R-type wedging plugs. See the R table below.

For combinations of cables that fall outside these parameters, please contact your local representative.

Types S and D Min/Max Cable OD	Conduit Size							
	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
.180 - .210	10	15						
.211 - .260	8	13	16					
.261 - .310	8	11	14	18				
.311 - .360	6	9	12	16	19			
.361 - .410	4	8	11	15	17			
.411 - .460	4	6	10	13	15	17		
.461 - .510	4	5	8	11	14	16		
.511 - .560	4	5	7	10	12	14		
.561 - .610	2	5	6	9	11	13		
.611 - .660	2	4	5	8	10	12		
.661 - .710		4	4	8	10	11		
.711 - .760		4	4	7	9	10		
.761 - .810		2	4	7	8	10		
.811 - .860			4	6	8	9	12	
.861 - .910			4	6	7	8	11	
.911 - .960			4	5	7	8	10	
.961 - 1.010				5	6	7	10	
1.011 - 1.070				4	6	7	9	
1.071 - 1.130				4	4	6	9	11
1.131 - 1.190					4	6	8	11
1.191 - 1.250					4	5	7	10
1.251 - 1.310					4	4	7	10
1.311 - 1.370						4	7	9
1.371 - 1.430						4	6	8
1.431 - 1.490						4	6	8
1.491 - 1.550						4	5	8
1.551 - 1.610						2	4	7

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

# Type S Cable Supports

## For Two or More Wires - Indoors - at Voltages to 600 Vac

For Rigid Conduit, IMC and EMT with pOZi-grip™ "S-style" Wedging Plug.

NEC/CEC:  
Listed for Ordinary Locations

### Applications

- For supporting non-armored electrical cables in vertical conduit risers.

### Features

- Threaded for Rigid Conduit and IMC.
- Use with all types of insulations at voltages to and including 600 Volt.
- The fastest and easiest type cable support to install.
- The knurled insulating inner surface and one piece impregnated hardwood pOZi-grip plug provide positive support well in excess of code requirements.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC Conduit, use a PVC terminal adapter.

### Material/Finish

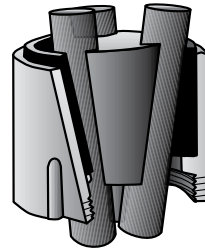
- Bodies: malleable or ductile iron with hot dip galvanized finish

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584

### Optional Material/Finish

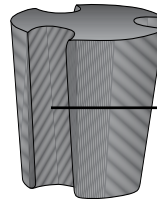
- For non-metallic bodies see Type D
- For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.



#### TO ORDER SPECIFY:

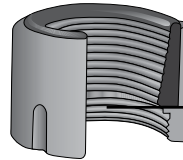
- Catalog Number
- Number of conductors in conduit
- Outside diameters of each conductor

### Illustrated Features



Impregnated Hardwood  
pOZi-grip™ Wedging Plug

Shape and special gripping surface  
of grooves in plug give maximum  
support to cable.



Malleable or Ductile Iron Body

Tapered inside surface of insulating  
bushing is knurled to grip cable.

Conduit Size (Inches)	Dimensions in Millimeters (Inches)		Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	2-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	2-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	60.4 (2.38)	S-1500-1	S-1500-2	S-1500-BO	SPLG-1500-1	SPLG-1500-2
2	79.5 (3.13)	66.8 (2.63)	S-2000-1	S-2000-2	S-2000-BO	SPLG-2000-1	SPLG-2000-2
2-1/2	95.3 (3.75)	76.2 (3.00)	S-2500-1	S-2500-2	S-2500-BO	SPLG-2500-1	SPLG-2500-2
3	114.3 (4.50)	79.5 (3.13)	S-3000-1	S-3000-2	S-3000-BO	SPLG-3000-1	SPLG-3000-2
3-1/2	130.3 (5.13)	88.9 (3.50)	S-3500-1	S-3500-2	S-3500-BO	SPLG-3500-1	SPLG-3500-2
4	143.0 (5.63)	3.88 (3.88)	S-4000-1	S-4000-2	S-4000-BO	SPLG-4000-1	SPLG-4000-2
5	174.8 (6.88)	114.3 (4.50)	S-5000-1	S-5000-2	S-5000-BO	SPLG-5000-1	SPLG-5000-2
6	212.9 (8.38)	139.7 (5.50)	S-6000-1	S-6000-2	S-6000-BO	SPLG-6000-1	SPLG-6000-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type D Cable Supports

## For Two or More Wires Already Installed in Conduit - Indoors - at Voltages to 600 Vac

Retrofit Type Split Bakelite Body with pOZi-grip™ "S-style" Wedging Plug.

**NEC/CEC:**  
Listed for Ordinary Locations

### Applications

- For supporting non-armored electrical cables in vertical conduit risers.

### Features

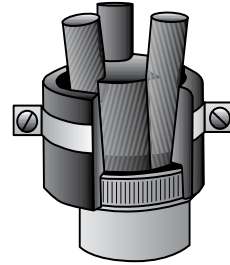
- Retrofit type cable support can be installed after conductors are pulled and terminated.
- Split body rests on existing bushing atop any conduit raceway.
- The two halves of the body are placed around the cables, seated on the existing bushing and securely held together by the steel band set in a groove around the body. The plug is then wedged between the cables.
- Use with all types of insulations at voltages to and including 600 Volts.
- The tapered, knurled insulating inner body surface and pOZigrip plug provide support well in excess of code requirements.

### Material/Finish

- Bodies: two molded canvas bakelite halves. Inside surface is knurled to grip cables
- Band: steel/zinc plated
- Bolts and nuts: stainless steel

### NEC/CEC Certifications and Compliances

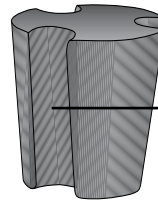
- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584



#### TO ORDER SPECIFY:

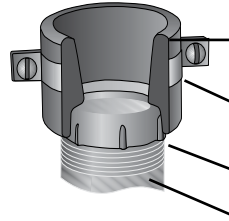
- Catalog Number
- Number of conductors in conduit
- Outside diameters of each conductor

### Illustrated Features



Impregnated Hardwood  
pOZi-grip™ Wedging Plug

Shape and special gripping surface of grooves in plug give maximum support to cable.



Two molded Canvas Bakelite halves. Inside surface is knurled to grip cables.

Steel band, Zinc Plated. Bolts and nuts are Stainless Steel.

Existing Bushing

Existing Conduit

Conduit Size (Inches)	Dimensions in Millimeters (Inches)					Complete Fitting Catalog Number ①		Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	Approx. Turning Radius R	Inside Diameter	Number of Straps	2-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	2-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	50.8 (2.00)	50.8 (2.00)	57.2 (2.25)	1.00	D-1502-1	D-1502-2	SPLG-1500-1	SPLG-1500-2
2	82.6 (3.25)	57.2 (2.25)	60.4 (2.38)	73.2 (2.88)	1.00	D-2002-1	D-2002-2	SPLG-2000-1	SPLG-2000-2
2-1/2	98.6 (3.88)	63.5 (2.50)	76.2 (3.00)	85.9 (3.38)	2.00	D-2502-1	D-2502-2	SPLG-2500-1	SPLG-2500-2
3	114.3 (4.50)	73.2 (2.88)	79.5 (3.13)	101.6 (4.00)	2.00	D-3002-1	D-3002-2	SPLG-3000-1	SPLG-3000-2
3-1/2	133.4 (5.25)	85.9 (3.38)	92.2 (3.63)	117.6 (4.63)	2.00	D-3502-1	D-3502-2	SPLG-3500-1	SPLG-3500-2
4	146.1 (5.75)	88.9 (3.50)	98.6 (3.88)	130.3 (5.13)	2.00	D-4002-1	D-4002-2	SPLG-4000-1	SPLG-4000-2
5	171.5 (6.75)	95.3 (3.75)	120.7 (4.75)	158.8 (6.25)	2.00	D-5002-1	D-5002-2	SPLG-5000-1	SPLG-5000-2
6	209.6 (8.25)	117.6 (4.63)	133.4 (5.25)	187.5 (7.38)	2.00	D-6002-1	D-6002-2	SPLG-6000-1	SPLG-6000-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Drill Chart for Type R, DR, CMT, V, C, K, M and W Cable Supports

NEC/CEC:  
Listed for Ordinary Locations

For combinations of cables that fall outside these parameters, please contact your local representative.

Type R, DR, CMT, V, C, K, M, and W Cable Supports ①						
Max. Diameter of Wire Permitted – Millimeters (Inches)						
Conduit Size (Inches)	1 Wire	2 Wires	3 Wires	4 Wires	5 Wires	6 Wires
1-1/2"	35.6 (1.40)	16.3 (0.64)	15.0 (0.59)	13.0 (0.51)	9.91 (0.39)	9.4 (0.37)
2"	46.7 (1.84)	21.8 (0.86)	20.1 (0.79)	17.5 (0.69)	13.5 (0.53)	13.5 (0.53)
2-1/2"	57.2 (2.25)	26.9 (1.06)	24.9(0.98)	21.6 (0.85)	16.8 (0.66)	16.3 (0.64)
3"	72.1 (2.84)	34.5 (1.36)	31.8 (1.25)	27.9 (1.1)	21.8 (0.86)	21.6 (0.85)
3-1/2"	84.1 (3.31)	40.6 (1.60)	37.3 (1.47)	33.0 (1.3)	25.9 (1.02)	24.4 (0.96)
4"	96.8 (3.81)	46.7 (1.84)	43.1 (1.7)	38.1 (1.5)	20.0 (1.18)	27.7 (1.09)
5"	122.2 (4.81)	59.4 (2.34)	54.6 (2.15)	48.3 (1.9)	38.6 (1.52)	35.6 (1.4)
6"	148.3 (5.84)	72.6 (2.86)	66.6 (2.62)	59.4 (2.34)	47.2 (1.86)	43.4 (1.71)

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COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

# Type R Cable Supports

## For One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

**NEC/CEC:**  
Listed for Ordinary Locations

### Applications

- For supporting non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

### Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- The pOZi-grip wedging plug exerts uniform pressure around the cable, providing holding force in excess of that required by code without deforming cable insulation.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.

### Material/Finish

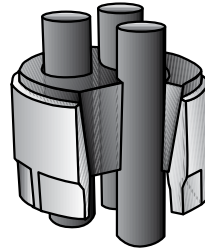
- Body: malleable or ductile iron with hot dip galvanized finish

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584

### Options

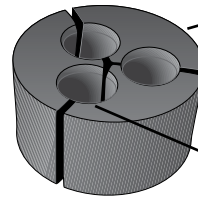
- For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.
- For non-metallic bodies, see type DR.



#### TO ORDER SPECIFY:

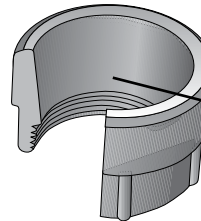
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

### Illustrated Features



**Canvas Bakelite pOZi-grip™ Wedging Plug**  
For one wire type, the plug consists of two pieces. For two wires or more, there is one piece for each wire.

Shape and special gripping surface of grooves in plug give maximum support to each cable and distributes even pressure around its entire circumference.



**Malleable or Ductile Iron Body**

Inside tapered surface is machined to assure proper seating of the Wedging Plug.

Conduit Size (Inches)	Dimensions in Millimeters (Inches)		Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Catalog Number Body Only	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	60.4 (2.38)	R-1501-1	R-1501-2	R-1501-BO	RPLG-1501-1	RPLG-1501-2
2	76.2 (3.00)	66.8 (2.75)	R-2001-1	R-2001-2	R-2001-BO	RPLG-2001-1	RPLG-2001-2
2-1/2	92.2 (3.63)	79.5 (3.13)	R-2501-1	R-2501-2	R-2501-BO	RPLG-2501-1	RPLG-2501-2
3	104.9 (4.13)	85.9 (3.38)	R-3001-1	R-3001-2	R-3001-BO	RPLG-3001-1	RPLG-3001-2
3-1/2	123.9 (4.88)	92.2 (3.63)	R-3501-1	R-3501-2	R-3501-BO	RPLG-3501-1	RPLG-3501-2
4	143.0 (5.63)	95.3 (3.75)	R-4001-1	R-4001-2	R-4001-BO	RPLG-4001-1	RPLG-4001-2
5	171.5 (6.75)	111.3 (4.38)	R-5001-1	R-5001-2	R-5001-BO	RPLG-5001-1	RPLG-5001-2
6	200.2 (7.88)	133.4 (5.25)	R-6001-1	R-6001-2	R-6001-BO	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type DR Cable Supports

## For One or More Wires Already Installed in Conduit - Indoors - at all Voltages

Retrofit Type Split Bakelite Body with pOZi-grip™ "R-style" Wedging Plug.

NEC/CEC:  
Listed for Ordinary Locations

### Application

- For supporting non-armored electrical cables in vertical conduit risers.

### Features

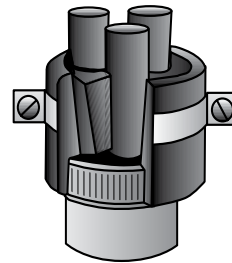
- Retrofit type cable support can be installed after conductors are pulled and terminated.
- Split body rests on existing bushing atop any conduit raceway.
- Use with all types of insulations at all voltages.
- The pOZi-grip™ wedging plug exerts uniform pressure around the cable, providing holding force in excess of that required by code without deforming cable insulation.

### Material/Finish

- Bodies: two molded canvas bakelite halves
- Wedging plug: canvas bakelite pOZi-grip™
- Band: steel/zinc plated
- Bolts and nuts: stainless steel

### NEC/CEC Certifications and Compliances

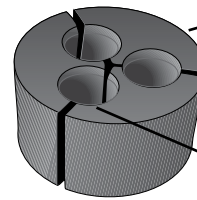
- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584



#### TO ORDER SPECIFY:

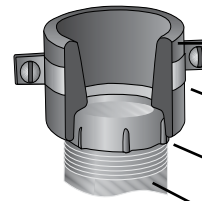
- Catalog Number
- Number of conductors in conduit
- Outside diameters of each conductor

### Illustrated Features



Canvas Bakelite pOZi-grip™ Wedging Plug  
For one wire type, the plug consists of two pieces. For two wires or more, there is one piece for each wire.

Shape and special gripping surface of grooves in plug give maximum support to each cable and distributes even pressure around its entire circumference.



Two molded Canvas Bakelite halves.  
Inside surface is knurled to grip cables.

Steel band, Zinc Plated. Bolts and nuts are Stainless Steel.

Existing Bushing

Existing Conduit

Conduit Size (Inches)	Dimensions in Millimeters (Inches)					Number of Straps	Complete Fitting Catalog Number ①		Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	Approx. Turning Radius R	Inside Diameter			1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	50.8 (2.00)	50.8 (2.00)	57.2 (2.25)		1	DR-1502-1	DR-1502-2	RPLG-1501-1	RPLG-1501-2
2	82.6 (3.25)	57.2 (2.25)	60.4 (2.38)	73.2 (2.88)		1	DR-2002-1	DR-2002-2	RPLG-2001-1	RPLG-2001-2
2-1/2	98.6 (3.88)	63.5 (2.50)	76.2 (3.00)	85.9 (3.38)		2	DR-2502-1	DR-2502-2	RPLG-2501-1	RPLG-2501-2
3	114.3 (4.50)	73.2 (2.88)	79.5 (3.13)	101.6 (4.00)		2	DR-3002-1	DR-3002-2	RPLG-3001-1	RPLG-3001-2
3-1/2	133.4 (5.25)	85.9 (3.38)	92.2 (3.63)	117.6 (4.63)		2	DR-3502-1	DR-3502-2	RPLG-3501-1	RPLG-3501-2
4	146.1 (5.75)	88.9 (3.50)	98.6 (3.88)	130.3 (5.13)		2	DR-4002-1	DR-4002-2	RPLG-4001-1	RPLG-4001-2
5	171.5 (6.75)	95.3 (3.75)	120.7 (4.75)	158.8 (6.25)		2	DR-5002-1	DR-5002-2	RPLG-5001-1	RPLG-5001-2
6	209.6 (8.25)	117.6 (4.63)	133.4 (5.25)	187.5 (7.38)		2	DR-6002-1	DR-6002-2	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type CMT Cable Supports

## Ventilating, Compound, Threaded Type. For One or More Wires - Outdoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

**NEC:**  
Rated for Ordinary Locations

### Application

- To support non-armored electrical cables in vertical conduit risers, furnish a weatherproof seal and provide ventilation at the top of the conduit.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

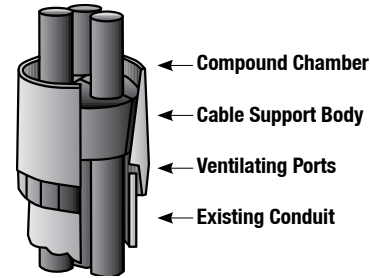
### Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- This device not only supports the cable, but furnishes a weatherproof seal and provides ventilation at the top of the conduit riser.
- The temperature in a conduit riser can be reduced +8 °C to 11 °C (15 °F to 20 °F) with proper venting. To obtain full effect of this decrease, the lower end of the conduit must be open or vented by use of the conduit ventilators.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For threadless rigid conduit, threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC conduit, use a PVC terminal adapter.

### Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

### Illustrated Features



#### TO ORDER SPECIFY:

- Catalog Number
- Number of conductors in conduit
- Outside diameters of each conductor

### Optional Material

- For insulating compound, see O-Z/Gedney™ DOZSeal Insulating Compound page.

### NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B

Conduit Size (Inches)	Dimensions in Millimeters (Inches)			Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	Compound Required Pints	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	79.5 (3.13)	88.9 (3.50)	0.25	CMT-2000-1	CMT-2000-2	CMT-2000-BO	RPLG-2001-1	RPLG-2001-2
2-1/2	98.6 (3.88)	101.6 (4.00)	0.33	CMT-2500-1	CMT-2500-2	CMT-2500-BO	RPLG-2501-1	RPLG-2501-2
3	114.3 (4.50)	111.3 (4.38)	0.50	CMT-3000-1	CMT-3000-2	CMT-3000-BO	RPLG-3001-1	RPLG-3001-2
3-1/2	127.0 (5.00)	120.7 (4.75)	0.75	CMT-3500-1	CMT-3500-2	CMT-3500-BO	RPLG-3501-1	RPLG-3501-2
4	139.7 (5.50)	127.0 (5.00)	1.00	CMT-4000-1	CMT-4000-2	CMT-4000-BO	RPLG-4001-1	RPLG-4001-2
5	181.1 (7.13)	143.0 (5.63)	1.75	CMT-5000-1	CMT-5000-2	CMT-5000-BO	RPLG-5001-1	RPLG-5001-2
6	209.6 (8.25)	171.5 (6.75)	3.50	CMT-6000-1	CMT-6000-2	CMT-6000-BO	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type V Cable Supports

Ventilating, Compound, Setscrew type. For One or more wires - Outdoors - at all voltages

All Bakelite Cable Support For Threadless Rigid Conduit and IMC with pOZi-grip™ "R-style" Wedging Plug.

**NEC:**  
Listed for Ordinary Locations

## Application

- To support non-armored electrical cables in vertical conduit risers, furnish a weatherproof seal and provide ventilation at the top of the conduit.

## Features

- Use with all types of insulations at all voltages.
- A special cable support made of canvas bakelite. This support furnishes a weatherproof seal and provides ventilation at the top of the conduit riser. The temperature in a riser can be reduced +8 °C to 11 °C (15 °F to 20 °F) with proper venting. To obtain full effect of this decrease, the lower end of the conduit must be open or vented by use of the conduit ventilators.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- Body can also be mounted on EMT in trade sizes 2-1/2 thru 4.

## Material/Finish

- Body and plug: canvas bakelite

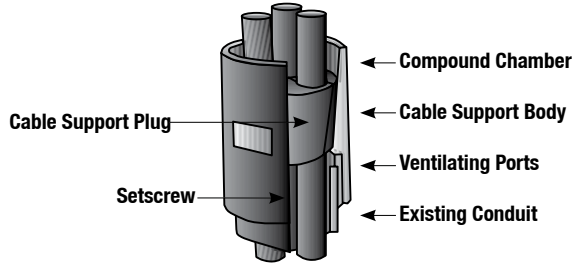
## Options

- Can also be supplied for standard tapered ends of fiber conduit. Contact your local sales representative.
- For insulating compound, see O-Z/Gedney™ dOZSeal Insulating Compound page.

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

## Illustrated Features



### TO ORDER SPECIFY:

- Catalog Number
- Number of conductors in conduit
- Outside diameters of each conductor

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Conduit Size (Inches)	Dimensions in Millimeters (Inches)		Compound Required Pints	Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
	Outside Diameter	Overall Height		1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	82.6 (3.25)	95.3 (3.75)	0.25	V-2005-1	V-2005-2	V-2005-BO	RPLG-2001-1	RPLG-2001-2
2-1/2	95.3 (3.75)	104.9 (4.13)	0.33	V-2505-1	V-2505-2	V-2505-BO	RPLG-2501-1	RPLG-2501-2
3	111.3 (4.38)	114.3 (4.50)	0.50	V-3005-1	V-3005-2	V-3005-BO	RPLG-3001-1	RPLG-3001-2
3-1/2	127.0 (5.00)	127.0 (5.00)	0.75	V-3505-1	V-3505-2	V-3505-BO	RPLG-3501-1	RPLG-3501-2
4	136.7 (5.38)	136.7 (5.38)	1.00	V-4005-1	V-4005-2	V-4005-BO	RPLG-4001-1	RPLG-4001-2
5	174.8 (6.88)	152.4 (6.00)	1.75	V-5005-1	V-5005-2	V-5005-BO	RPLG-5001-1	RPLG-5001-2
6	206.5 (8.13)	177.8 (7.00)	3.50	V-6005-1	V-6005-2	V-6005-BO	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.



# Type C Cable Supports

## Compound: Non-Ventilating. For One or More Wires Outdoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ “R-style” Wedging Plug.

**NEC:**  
Listed for Ordinary Locations

### Application

- To seal the end of conduit and support non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

### Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- This device not only supports the cable, but furnishes a watertight seal at the top of a conduit riser.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For threadless rigid conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC conduit, use a PVC terminal adapter.

### Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

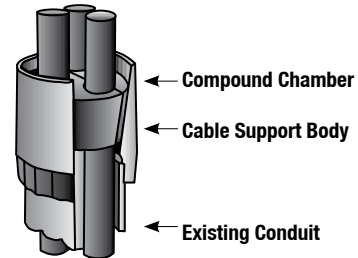
### Options

- For Lay-in-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.
- For insulating compound, see O-Z/Gedney™ DOZSeal Insulating Compound page.

### NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

### Illustrated Features



**TO ORDER SPECIFY:** ①  
 1. Catalog Number  
 2. Number of conductors in conduit  
 3. Outside diameters of each conductor

Conduit Size (Inches)	Dimensions in Millimeters (Inches)			Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
	Outside Diameter	Overall Height	Compound Required Pints	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	79.5 (3.13)	88.9 (3.50)	0.25	C-2004-1	C-2004-2	C-2004-BO	RPLG-2001-1	RPLG-2001-2
2-1/2	98.6 (3.88)	101.6 (4.00)	0.33	C-2504-1	C-2504-2	C-2504-BO	RPLG-2501-1	RPLG-2501-2
3	114.3 (4.50)	111.3 (4.38)	0.50	C-3004-1	C-3004-2	C-3004-BO	RPLG-3001-1	RPLG-3001-2
3-1/2	127.0 (5.00)	120.7 (4.75)	0.66	C-3504-1	C-3504-2	C-3504-BO	RPLG-3501-1	RPLG-3501-2
4	139.7 (5.50)	127.0 (5.00)	1.00	C-4004-1	C-4004-2	C-4004-BO	RPLG-4001-1	RPLG-4001-2
5	181.1 (7.13)	143.0 (5.63)	1.75	C-5004-1	C-5004-2	C-5004-BO	RPLG-5001-1	RPLG-5001-2
6	209.6 (8.25)	171.5 (6.75)	3.50	C-6004-1	C-6004-2	C-6004-BO	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type K Cable Supports

## Locking Style: Horizontal or Inverted - One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ “R-style” Wedging Plug.

NEC:  
Listed for Ordinary Locations

### Application

- Can be installed in horizontal or inverted position.
- For supporting non-armored electrical cables in conduit.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

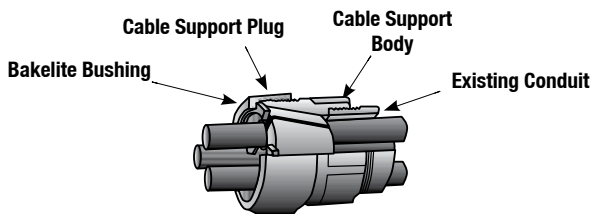
### Features

- Threaded for Rigid Conduit and IMC.
- Use with all types of insulations at all voltages.
- The design of this support is similar to the Type R except that it is equipped with a locking collar which securely holds the pOZi-grip™ wedging plug in place. This permits the support to be installed in any position and provides holding force against pull in either direction.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC Conduit, use a PVC terminal adapter.

### Material/Finish

- Body and locking collar: malleable or ductile iron with hot dip galvanized finish

### Illustrated Features



#### TO ORDER SPECIFY:

1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

### Options

- For Lay-in-Lug, see O-Z/Gedney™ Lay-In-Lug Grounding Lugs for use with cable supports.

### NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

Dimensions in Millimeters (Inches)			Complete Fitting Catalog Number ①		Plug Only Catalog Number ①		
Conduit Size (Inches)	Outside Diameter	Overall Height	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only ②	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	73.2 (2.88)	69.9 (2.75)	K-1503-1	K-1503-2	K-1503-BO	RPLG-1501-1	RPLG-1501-2
2	85.9 (3.38)	79.5 (3.13)	K-2003-1	K-2003-2	K-2003-BO	RPLG-2001-1	RPLG-2001-2
2-1/2	101.6 (4.00)	88.9 (3.50)	K-2503-1	K-2503-2	K-2503-BO	RPLG-2501-1	RPLG-2501-2
3	114.3 (4.50)	95.3 (3.75)	K-3003-1	K-3003-2	K-3003-BO	RPLG-3001-1	RPLG-3001-2
3-1/2	130.3 (5.13)	101.6 (4.00)	K-3503-1	K-3503-2	K-3503-BO	RPLG-3501-1	RPLG-3501-2
4	158.8 (6.25)	111.3 (4.38)	K-4003-1	K-4003-2	K-4003-BO	RPLG-4001-1	RPLG-4001-2
5	187.5 (7.38)	123.9 (4.88)	K-5003-1	K-5003-2	K-5003-BO	RPLG-5001-1	RPLG-5001-2
6	212.9 (8.38)	146.1 (5.75)	K-6003-1	K-6003-2	K-6003-BO	RPLG-6001-1	RPLG-6001-2

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

② Includes Locking Collar and Bushing.

# Type M Cable Supports

## Space-Maker Style - One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

**NEC:**  
Listed for Ordinary Locations

### Application

- Use where there is insufficient room for a cable support inside a junction box. For supporting non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

### Features

- Use with all types of insulations at all voltages.
- This fitting is similar to the Type R support, except that it is threaded at the top to allow fastening to a cabinet (1/4 max. thickness) with standard locknuts or threading into tapped (NPT) openings.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place. ①

### Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

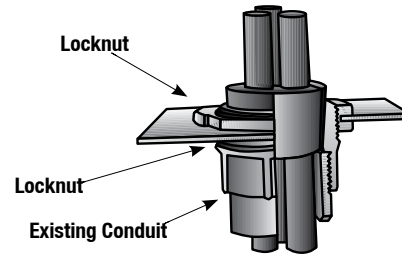
### Options

- For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.

### NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853

### Illustrated Features



**TO ORDER SPECIFY:**  
1. Catalog Number  
2. Number of conductors in conduit  
3. Outside diameters of each conductor

Conduit Size (Inches)	Knockout Size (Inches)	Dimensions in Millimeters (Inches)			Complete Fitting Catalog Number ②			Plug Only Catalog Number ②		
		Top Thread Length	Outside Diameter	Overall Height	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only ③	1-4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	
1 - 1/2	2	25.4 (1.00)	66.8 (2.63)	57.2 (2.25)	M-1520-1	M-1520-2	M-1520-BO	RPLG-1501-1	RPLG-1501-2	
2	2-1/2	28.7 (1.13)	76.2 (3.00)	66.8 (2.63)	M-2025-1	M-2025-2	M-2025-BO	RPLG-2001-1	RPLG-2001-2	
2-1/2	3	31.8 (1.25)	92.2 (3.63)	73.2 (2.88)	M-2530-1	M-2530-2	M-2530-BO	RPLG-2501-1	RPLG-2501-2	
3	3-1/2	35.1 (1.38)	104.9 (4.13)	79.5 (3.13)	M-3035-1	M-3035-2	M-3035-BO	RPLG-3001-1	RPLG-3001-2	
3-1/2	4	38.1 (1.50)	123.9 (4.88)	85.9 (3.38)	M-3540-1	M-3540-2	M-3540-BO	RPLG-3501-1	RPLG-3501-2	
4	5	41.4 (1.63)	143.0 (5.63)	95.3 (3.75)	M-4050-1	M-4050-2	M-4050-BO	RPLG-4001-1	RPLG-4001-2	
5	6	41.4 (1.63)	171.5 (6.75)	104.9 (4.13)	M-5060-1	M-5060-2	M-5060-BO	RPLG-5001-1	RPLG-5001-2	

① For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector. For PVC Conduit, use a PVC terminal adapter. If mounting on a non-metallic/non-grounded conduit, a Type G grounding lug should be mounted on cable support body.

② Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

③ Includes two locknuts.

# Type W Cable Supports

## Pull Box Style - Raintite Enclosed - For One or More Wires - at all Voltages

For Threaded Rigid Conduit and IMC with pOzi-grip™ "R-style" Wedging Plug.

NEC/CEC:  
Rated for Ordinary Locations

### Applications

- For all types of insulations at all voltages.
- Provides intermediate support of non-armored conductors in an indoor/outdoor vertical conduit run where a junction box and/or pull point is unavailable.

### Features

- Meets NEC Section 300.19(A) requirements for intermediate supports at midpoints in vertical conduit risers.
- Requires less space in conduit run than rectangular junction box. May be mounted side-by-side or staggered in multiple conduit runs.
- Type W cable support is essentially a modified type R cable support mounted within a pull box fitting.
- Lay-In-Lug™ grounding lug can be mounted on pull box end fitting.

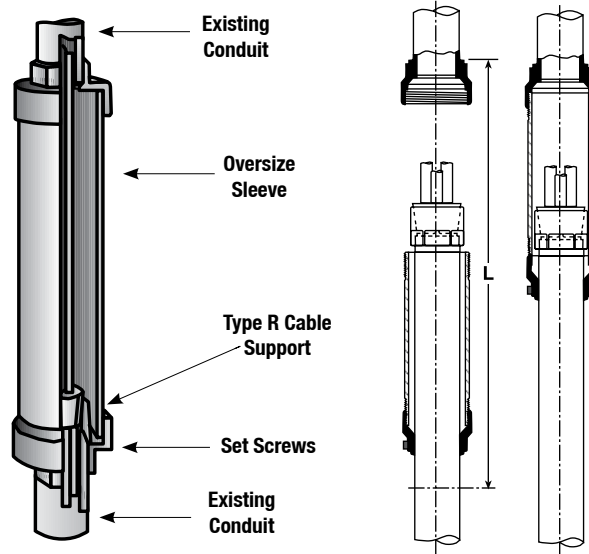
### Material/Finish

- Cable support body and pull box end fittings: malleable or ductile iron
- Oversize sleeve: steel
- Hot dip galvanized finish

### Options

- For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.

### Illustrated Features



#### TO ORDER SPECIFY:

1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Conduit Size (Inches)	Sleeve Furnished With Fitting		Dimensions in Millimeters (Inches) Overall Length ①			1-4 Same Size Wires ①		5 or More Wires or Different Size Wires ①	
	Trade Size (Inches)	Length	Maximum Diameter	Fitting Closed	Fitting Open (Min.) L	Fitting With Sleeve	Fitting Without Sleeve	Fitting With Sleeve	Fitting Without Sleeve
1-1/2	63.5 (2.50)	12"	85.9 (3.38)	393.7 (15.50)	26	W-1508-1-OS	W-1508-1-LS	W-1508-2-OS	W-1508-2-LS
2	76.2 (3.00)	15"	101.6 (4.00)	476.3 (18.75)	32	W-2008-1-OS	W-2008-1-LS	W-2008-2-OS	W-2008-2-LS
2-1/2	88.9 (3.50)	15"	117.6 (4.63)	488.9 (19.25)	32	W-2508-1-OS	W-2508-1-LS	W-2508-2-OS	W-2508-2-LS
3	101.6 (4.00)	15"	130.3 (5.13)	488.9 (19.25)	32	W-3008-1-OS	W-3008-1-LS	W-3008-2-OS	W-3008-2-LS
3-1/2	114.3 (4.50)	18"	146.1 (5.75)	571.5 (22.50)	38	W-3508-1-OS	W-3508-1-LS	W-3508-2-OS	W-3508-2-LS
4	127.0 (5.00)	18"	158.8 (6.25)	571.5 (22.50)	38	W-4008-1-OS	W-4008-1-LS	W-4008-2-OS	W-4008-2-LS
5	177.8 (7.00)	18"	212.9 (8.38)	596.9 (23.50)	39	W-5008-1-OS	W-5008-1-LS	W-5008-2-OS	W-5008-2-LS
6	203.2 (8.00)	18"	241.3 (9.50)	615.9 (24.25)	39	W-6008-1-OS	W-6008-1-LS	W-6008-2-OS	W-6008-2-LS

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

# Type KVM and Type KVF Conduit Ventilators

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Rated for Ordinary Locations

## Applications

- To provide for the flow of cooling air through a conduit riser.

## Features

- The Type KVF conduit ventilators when used at the bottom of a vertical conduit riser which is properly vented at the top, provides for the movement of cooling air through the riser. The temperature in a riser can thus be reduced -9 °C to -6 °C (+15 °F to +20 °F) improving the service life of the cable and increasing its load-carrying capacity.
- The Type KVM conduit ventilator has a male threaded nipple at the top and is used in conjunction with a cable terminator or other device having a female thread where ventilation is desired.

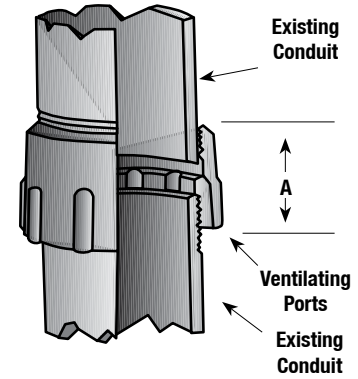
## Material/Finish

- Bodies of fittings are cast Aluminum.
- Type KVM nipple is steel, zinc electroplated.

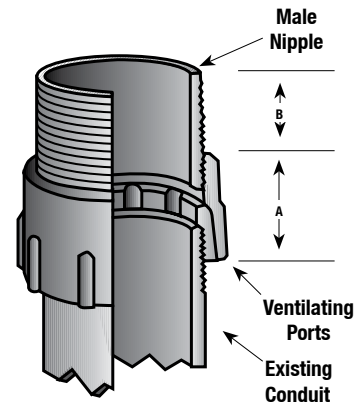
## Optional Material

- KVM nipple: available in aluminum. Add suffix -A to catalog number.

## Illustrated Features



Type KVF



Type KVM

Conduit Size (Inches)	Type KVF		Type KVM		Dimensions in Millimeters (Inches)			Catalog Number
	Trade Size Top Female Thd.	Catalog Number	Trade Size Top Male Thd.	Max Dia.	A.	B. Approx.		
1-1/2	1 1/2"	<b>KVF-1515</b>	1-1/2	69.9 (2.75)	44.5 (1.75)	25.4 (1.00)	<b>KVM-1515</b>	
2	2"	<b>KVF-2020</b>	2	82.6 (3.25)	44.5 (1.75)	28.7 (1.13)	<b>KVM-2020</b>	
2-1/2	2 1/2"	<b>KVF-2525</b>	2-1/2	98.6 (3.88)	57.2 (2.25)	35.1 (1.38)	<b>KVM-2525</b>	
3	3"	<b>KVF-3030</b>	3	114.3 (4.50)	57.2 (2.25)	38.1 (1.50)	<b>KVM-3030</b>	
3-1/2	3 1/2"	<b>KVF-3535</b>	3-1/2	127.0 (5.00)	63.5 (2.50)	38.1 (1.50)	<b>KVM-3535</b>	
4	4"	<b>KVF-4040</b>	4	139.7 (5.50)	63.5 (2.50)	41.4 (1.63)	<b>KVM-4040</b>	
5	5"	<b>KVF-5050</b>	5	184.2 (7.25)	73.2 (2.88)	41.4 (1.63)	<b>KVM-5050</b>	
6	6"	<b>KVF-6060</b>	6	209.6 (8.25)	73.2 (2.88)	44.5 (1.75)	<b>KVM-6060</b>	

# Type G Cable Supports

## Lay-In-Lug™ Grounding Lugs for use with Cable Supports

Factory Installed. For mounting on O-Z/Gedney™ fittings. Copper Plus™ Lay-In-Lug™ Grounding Wire Connectors.

NEC/CEC:  
Listed for Ordinary Locations

### Application

- Provides a compact means of attaching a grounding or bonding conductor to an O-Z/Gedney™ fitting.

### Features

- Highly conductive tin-plated copper saddle for use with copper or aluminum conductors.
- Connector opening allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- These grounding wire connectors are used on the specification insulated grounding bushings.
- Grounding lugs not sold separately.

### Material/Finish

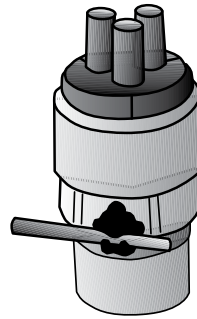
- Grounding Saddle/Tin Plated Copper
- Clamping Tension Body/Stainless Steel
- Screws/Stainless Steel

### NEC/CEC Certifications and Compliances

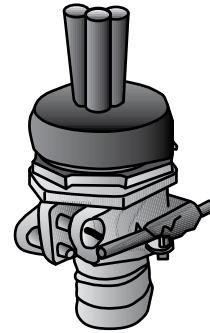
- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18, 41
- CSA Certified: 11584

**Note:**

- Type G Grounding Lugs are only furnished factory-mounted to O-Z/Gedney™ fittings.
- Grounding Lugs are not sold separately.
- Type G Grounding Lugs are not compatible with all O-Z/Gedney™ fittings in this catalog. Please review specific fittings catalog page to insure compatibility. If unsure, please contact your local representative before ordering.



Mounted on Cable Support



Mounted on PK Clamp

**TO ORDER:**

Place the order for each grounding lug on the next order line immediately after the fitting that the lug will be attached to. See Note prior to ordering.

**Ordering Example:**

Item #	Quantity	Description	Part Number
1	5	Cable Termination	PK-200
2	5	Grounding Lug	G-04S

Grounding Min.	Wire Size ① Max.	Lug Rating	Trade Size (Inches) ②	Part Number
14	4	CU only	1/2 – 6	G-04S
8	2/0	AL-CU	1/2 – 6	G-22S
6	4/0	AL-CU	2-1/2 – 6	G-24S
250	500	CU only	2-1/2 – 6	G-25S

① Solid or stranded for No. 4 AWG or smaller; stranded for No. 2 or larger

② Indicates trade sizes of fitting to which grounding wire connector can be mounted.

# Type F Cable Supports

## Unthreaded Conduit

For Wire Armored Cable

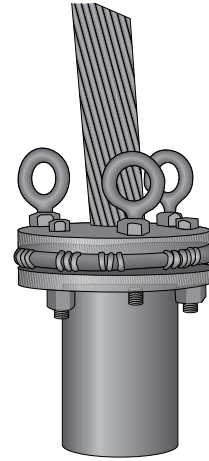
NEC/CEC:  
Rated for Ordinary Locations

### Applications

- For supporting wire armored cable in a vertical rise. Also used for supporting submarine cables up to 10,000 lbs.

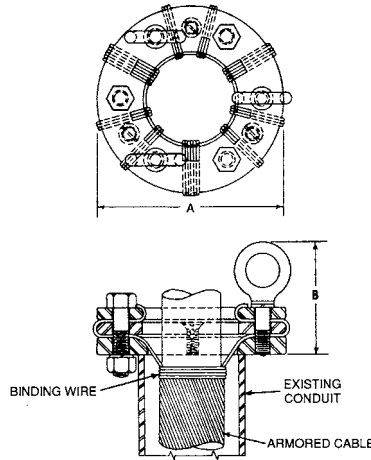
### Material/Finish

- Steel/Hot dip galvanized



Upper end of cable, supported by Type F Cable

### Illustrated Features



Type F – For Use with Unthreaded Conduit

Max. Conduit Size	Max. Cable Dia. over Wire Armor ①	Dimensions in Millimeters (Inches)		Catalog Number
		A	B. Approx.	
3	2	177.8 (7.00)	120.7 (4.75)	F-3020
4	3	203.2 (8.00)	120.7 (4.75)	F-4030
5	4	228.6 (9.00)	120.7 (4.75)	F-5040
6	5	254.0 (10.00)	158.8 (6.25)	F-6050

① No minimum cable O.D.

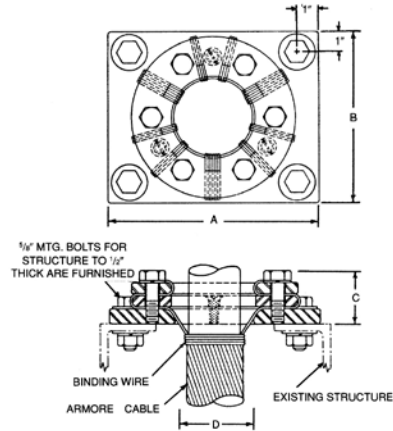
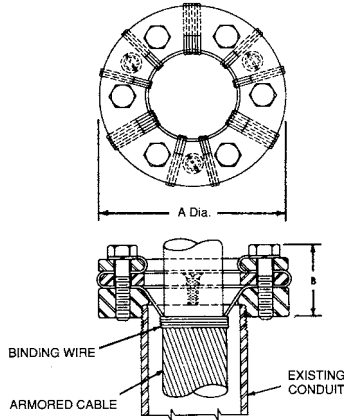
# Type FT and FS Cable Supports

FT: Threaded Conduit, FS: Structure Mount

For Wire Armored Cable

NEC/CEC:  
Rated for Ordinary Locations

## Illustrated Features



Type FT – For Use with Threaded Conduit

Type FS – For Mounting on an Existing Structure

### Type FT

Max. Conduit Size	Max. Cable Dia. over Wire Armor ①	Dimensions in Millimeters (Inches)		Catalog Number
		A	B. Approx.	
3	2	177.8 (7.00)	73.2 (2.88)	FT-3020
4	3	203.2 (8.00)	73.2 (2.88)	FT-4030
5	4	228.6 (9.00)	73.2 (2.88)	FT-5040
6	5	254.0 (10.00)	101.6 (4.00)	FT-6050

### Type FS

Dimensions in Millimeters (Inches)				
A	B. Approx.	C	D	Catalog Number
228.6 (9.00)	177.8 (7.00)	63.5 (2.50)	63.5 (2.50)	FS-0720
254.0 (10.00)	203.2 (8.00)	63.5 (2.50)	88.9 (3.50)	FS-0830
279.4 (11.00)	228.6 (9.00)	63.5 (2.50)	114.3 (4.50)	FS-0940
304.8 (12.00)	254.0 (10.00)	88.9 (3.50)	139.7 (5.50)	FS-1050

① No minimum cable O.D.



# Type SF 1773 Cable Supports

For Wire Armored Cable

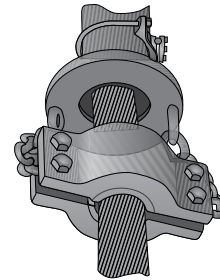
NEC/CEC:  
Rated for Ordinary Locations

## Auxiliary Supports

Special auxiliary support specified for use at the lower end of a conduit riser may be provided as an added factor of safety up to 10,000 lbs. Similar types are often used as intermediate supports when armored cable is run exposed. Contact your local representative for price and availability.

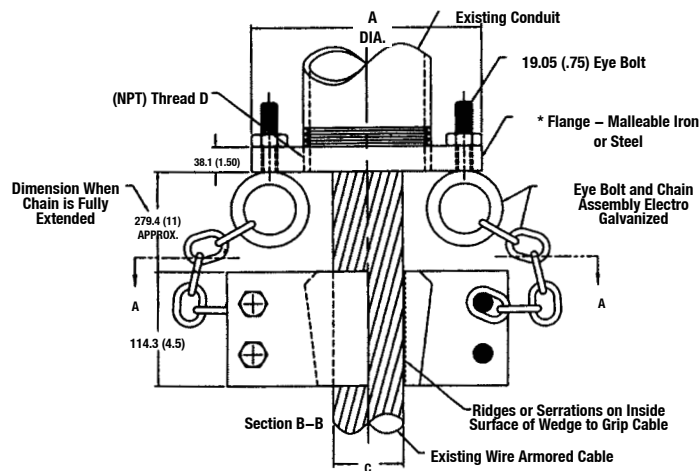
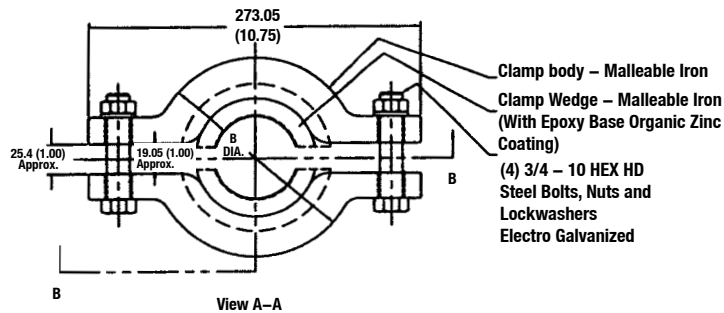
## Notes

- All parts to be Hot Dip Galvanized except as noted.
- All Dimensions are nominal and may vary according to normal Foundry and Manufacturing Tolerances.



Type SF 1773

## Illustrated Features



Dimensions in Millimeters (Inches)

Conduit Size (Inches)	Max. Cable DIA C	Min. Cable DIA C	Max. Conduit THD in Flange D	A DIA	B DIA	Catalog ① Number
5	4	3	127.0 (5.00)	231.9 (9.13)	196.9 (7.75)	SF1773-L4050
6	4	3	152.4 (6.00)	276.4 (10.88)	196.9 (7.75)	SF1773-L4060

① Supports are available less Flange for mounting to structure - Specify Catalog Number less the last two numerals. ie: SF1773L40.

# Conduit Ventilators

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Rated for Ordinary Locations

## Applications

- To provide for the flow of cooling air through a conduit riser.

## Features

- The Type KVF conduit ventilators when used at the bottom of a vertical conduit riser which is properly vented at the top, provides for the movement of cooling air through the riser. The temperature in a riser can thus be reduced -9 °C to -6 °C (+15 °F to +20 °F) improving the service life of the cable and increasing its load-carrying capacity.
- The Type KVM conduit ventilator has a male threaded nipple at the top and is used in conjunction with a cable terminator or other device having a female thread where ventilation is desired.

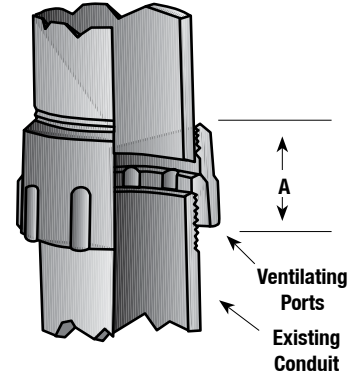
## Material/Finish

- Bodies of fittings are cast Aluminum.
- Type KVM nipple is steel, zinc electroplated.

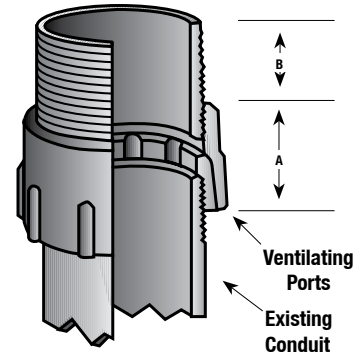
## Optional Material

- KVM nipple: available in aluminum. Add suffix -A to catalog number.

## Illustrated Features



Type KVF



Type KVM

Conduit Size (Inches)	Type KVF		Type KVM		Dimensions in Millimeters (Inches)			Catalog Number
	Trade Size Top Female Thd.	Catalog Number	Trade Size Top Male Thd.	Max Dia.	A.	B. Approx.		
1-1/2	1 1/2"	<b>KVF-1515</b>	1-1/2	69.85 (2.75)	44.45 (1.75)	25.40 (1.00)	<b>KVM-1515</b>	
2	2"	<b>KVF-2020</b>	2	82.55 (3.25)	44.45 (1.75)	28.70 (1.13)	<b>KVM-2020</b>	
2-1/2	2 1/2"	<b>KVF-2525</b>	2-1/2	98.55 (3.88)	57.15 (2.25)	35.05 (1.38)	<b>KVM-2525</b>	
3	3"	<b>KVF-3030</b>	3	114.30 (4.50)	57.15 (2.25)	38.10 (1.50)	<b>KVM-3030</b>	
3-1/2	3 1/2"	<b>KVF-3535</b>	3-1/2	127.00 (5.00)	63.50 (2.50)	38.10 (1.50)	<b>KVM-3535</b>	
4	4"	<b>KVF-4040</b>	4	139.70 (5.50)	63.50 (2.50)	41.40 (1.63)	<b>KVM-4040</b>	
5	5"	<b>KVF-5050</b>	5	184.15 (7.25)	73.15 (2.88)	41.40 (1.63)	<b>KVM-5050</b>	
6	6"	<b>KVF-6060</b>	6	209.55 (8.25)	73.15 (2.88)	44.45 (1.75)	<b>KVM-6060</b>	

# Conduit Sealing Bushings

**CEC:**  
Rated for Ordinary Locations

## Details of Construction:

### Pressure Discs:

- Thick metal discs with custom drilled holes to accommodate cables. Steel discs are slotted at cable holes to eliminate induction heating effect of single conductor alternating current.
- Steel discs are PVC coated for corrosion protection, to insulate cable holes and to prevent plates from bridging to other ferrous parts. Uncoated aluminum plates are available.
- Copper alloy, stainless steel or phenolic discs are available at price addition.

### Screws and Washers:

- Corrosion-proof stainless steel socket head screws are used to compress the two discs against the sealing ring.
- Hex head stainless steel machine screws are available.
- PVC coated discs have stainless steel washers to prevent screws from damaging coating. (Suffix **-P** type only.)

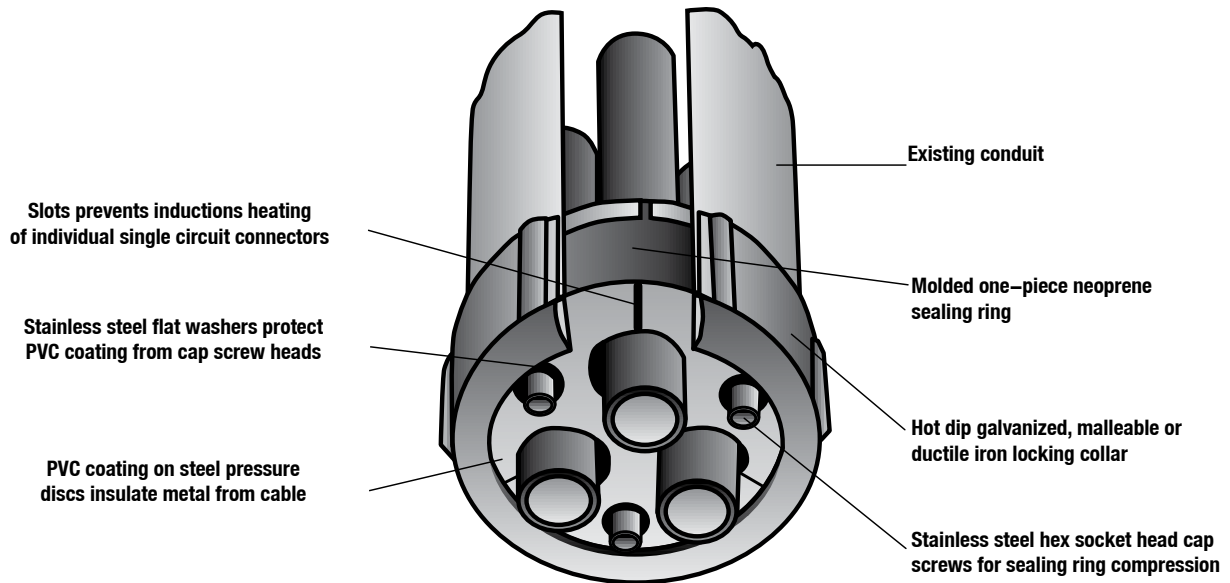
### Locking Collar:

- Malleable iron hot dip galvanized; suffix **-A** for aluminum.
- Gaskets are provided to prevent locking collar and end of conduit from damaging PVC coated disc. (Suffix **-P** type only.)

### Sealing Ring:

- Thick one-piece neoprene ring custom drilled. Neoprene is specifically compounded for the following operating characteristics:
  1. Low compression modulus (the ability of the neoprene sealing ring to seal with low-tightening force).
  2. Very low compression set (maintain seal over extended period without having to retighten).
  3. Anti-oxidant (resistance to ozone attack).
  4. Anti-oxidant (resistance to weathering).
  5. Low crystallization (suitable for use at low temperatures).
  6. Fire retardant (will not support combustion).

*For modifications or special requirements, contact your local representative for price and availability.*



**Type CSB**  
For use with Cab

# Conduit Sealing Bushings

For Use with Insulated Wire, Cable and Rigid Metal Conduit

**NEC:**  
Listed for Ordinary Locations

## Type CSBE:

Seals against internal or external fluids or gases and to provide some support for the cables when fitting is used in vertical position as shown in illustration.

## Type CSBI:

Seals against internal or external fluids or gases and prevents them from entering an enclosure.

## Type CSBG:

Provides all the features of Types CSBE and CSBI and in addition prevents the sealing bushing from moving out of the end of the conduit should the internal pressure be high or if the fitting is used on conduit in an inverted position. The Type CSBG fittings are capable of sealing against gas or fluid pressure of 100 psig, (non-segmented) Type CSBI and CSBE – 50 psig (non-segmented.) Segmenting reduces above pressure in half. Can also be supplied with Lay-In-Lug grounding wire connector.

## Applications

- These conduit Sealing Bushings are used for sealing the ends of conduit in applications involving higher static gas or fluid pressures than can be handled by standard sealing bushings.
- For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. For Schedule 40 PVC Conduit, contact your local representative.

## Features

- The complete assembly is provided with 1 or multiple holes to accommodate the size and number of cables which emerge from the conduit. When the fitting is in place and the screws are tightened, the neoprene sealing ring is compressed between the metal plates and is forced against the inside wall of the conduit and also against the cable insulation to effect a complete seal at the conduit end.
- Blank fittings are available. These are intended as abandonment devices only.
- Operating temperature -40 °C to +93 °C (-40 °F to +200 °F)

### Do not field drill.

- Consult your local representative for all other applications.
- These fittings are simple to install. They eliminate the special preparation of the end of the conduit or the compounding of the conduit thread which is required on other types of sealing fittings used to seal against high pressures.

## Standard Materials

- Slotted PVC coated steel discs, neoprene sealing ring and stainless steel socket head cap screws and washers.

## Standard Finishes

- Locking collars on type CSBG - hot dipped galvanized, malleable or ductile iron.

## Options

- Also available with aluminum or brass/ bronze pressure discs (Metal Plates) on Type CSBI and CSBE bushings. To specify, substitute suffix **-A** or **-B** for **-P** in catalog number. (Example: CSBI-200A-1) Locking Collar and Pressure Discs are also available in Aluminum or Bronze on Type CSBG Bushings. Example (CSBG-200A-1)

Consult your local representative for price and availability.

## Alternate Construction: (Catalog # SEG)

Segmented Design – Segmental pressure discs and slit-neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already pulled/terminated.

Also available with slit neoprene sealing ring and one piece pressure discs.

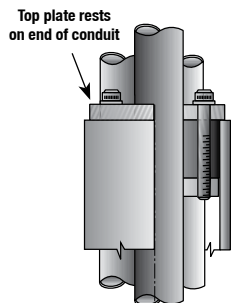
Two neoprene sealings rings provide cable support meeting NEC 300.19. (suffix **-G2**)

## Certifications and Compliances

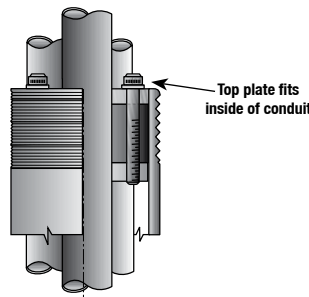
- UL Listed: E-14817
- Type CSBG with aluminum pressure disks is Listed by Underwriters Laboratories, Inc. as an outlet bushing, service entrance seal or service head.

### TO ORDER SPECIFY:

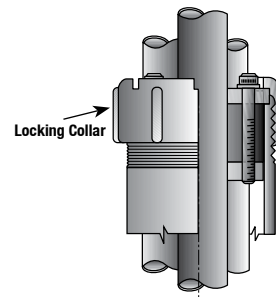
1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if Required
6. Two Neoprene Sealing Rings, if required (prices on application). Suffix **-G2**.



Type CSBE  
(External)



Type CSBI  
(Internal)



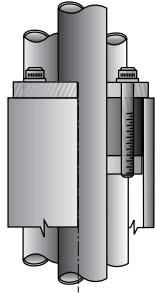
Type CSBG  
(Gland-Locking Collar)

# Conduit Sealing Bushings

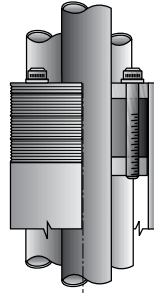
For Use with Insulated Wire, Cable and Rigid Metal Conduit

**NEC:**  
Listed for Ordinary Locations

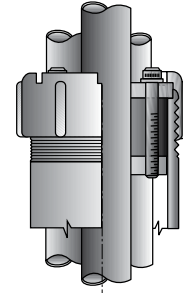
Conduit Size	Max. Diameter of Wire ①				Type CSBE		Type CSBI		Type CSBG	
	Permitted – Inches				Catalog Number		Catalog Number		Catalog Number	
	1 Wire	2 Wires	3 Wires	4 Wires	Blank ②	One or More Wires	Blank ②	One or More Wires	Blank ②	One or More Wires
1-1/2"	19.81 (0.78)	14.99 (0.59)	13.72 (0.54)	11.18 (0.44)	CSBE-150P-0	CSBE-150P-1	CSBI-150P-0	CSBI-150P-1	CSBG-150P-0	CSBG-150P-1
2"	26.67 (1.05)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	CSBE-200P-0	CSBE-200P-1	CSBI-200P-0	CSBI-200P-1	CSBG-200P-0	CSBG-200P-1
2-1/2"	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	CSBE-250P-0	CSBE-250P-1	CSBI-250P-0	CSBI-250P-1	CSBG-250P-0	CSBG-250P-1
3"	48.26 (1.90)	32.00 (1.26)	28.70 (1.13)	24.38 (0.96)	CSBE-300P-0	CSBE-300P-1	CSBI-300P-0	CSBI-300P-1	CSBG-300P-0	CSBG-300P-1
3-1/2"	54.10 (2.13)	35.05 (1.38)	35.05 (1.38)	28.70 (1.13)	CSBE-350P-0	CSBE-350P-1	CSBI-350P-0	CSBI-350P-1	CSBG-350P-0	CSBG-350P-1
4"	66.80 (2.63)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	CSBE-400P-0	CSBE-400P-1	CSBI-400P-0	CSBI-400P-1	CSBG-400P-0	CSBG-400P-1
5"	88.90 (3.50)	50.8 (2.00)	47.75 (1.88)	41.40 (1.63)	CSBE-500P-0	CSBE-500P-1	CSBI-500P-0	CSBI-500P-1	CSBG-500P-0	CSBG-500P-1
6"	114.30 (4.50)	61.98 (2.44)	56.13 (2.21)	52.58 (2.07)	CSBE-600P-0	CSBE-600P-1	CSBI-600P-0	CSBI-600P-1	CSBG-600P-0	CSBG-600P-1



Type CSBE



Type CSBI



Type CSBG

**TO ORDER SPECIFY:**

1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if Required
6. Two Neoprene Sealing Rings, if required (prices on application). Suffix **-G2**.

① Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.

② Blank fittings are intended as abandonment and future use devices only. Blank fittings cannot be field drilled.

# Conduit Sealing Bushings

NEC/CEC:  
Rated for Ordinary Locations

## 1. Segmental Design (Figure 1):

- Segmental pressure discs and slit neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already terminated. Maximum diameter of wire or cable may need to be reduced. (Include Catalog Number "SEG"). Also available with slit neoprene sealing ring and one piece

## 2. Double Sealing Ring:

- A second neoprene sealing ring may be added for cable support applications. Add suffix **-G2** to catalog number. Contact your local representative for price and availability.

## 3. Close/Short Nipples:

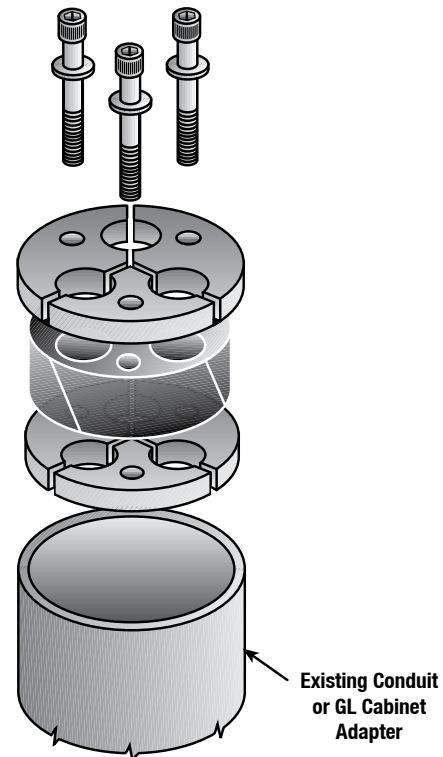
- Short nipples which can be screwed into conduit hubs or couplings. Seal Fittings are then installed in the open ends of these nipples. To specify a fitting complete with nipple add "N" after Catalog Number. (Example: CSBG 200P-N).

## 4. Type GL Cabinet Adapter (Figure 2):

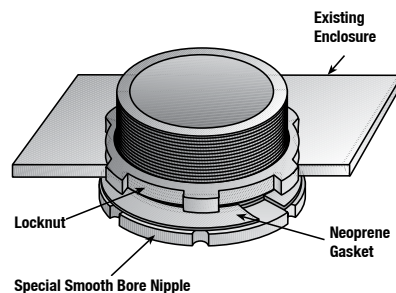
- For use with sealing bushings when exposed wires enter cabinets. Hot dip galvanized malleable or ductile iron is standard; aluminum if specified. Adapter assembly includes special smooth bore nipple, gasket and locknut. Type GL Cabinet Adapters must be ordered separately. See table for catalog numbers.
- Temperature Ratings:  
Intermittent -51°C to +107°C (-60°F to +225°F)  
Continuous -40°C to +93°C (-40°F to +200°F)
- Thread length on special smooth bore nipples will accommodate 1/8" thick cabinet or structure on Type CSBG (specify if thicker than 1/8"), and up to 3/4" thickness on Types CSBE and CSBI.
- These fittings are designed for use in schedule 40 Rigid Metal Conduit. For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. Contact your local representative for application involving Schedule 40 or Schedule 80 PVC Conduit.
- Blank fittings are intended as abandonment and future use devices only.

Do not field drill.

Conduit Size	Catalog Number
1-1/2	GL150
2	GL200
2-1/2	GL250
3	GL300
3-1/2	GL350
4	GL400
5	GL500
6	GL600



Type CSBE  
Segmental Design  
Figure 1



Type GL  
Cabinet Adapter  
Figure 2

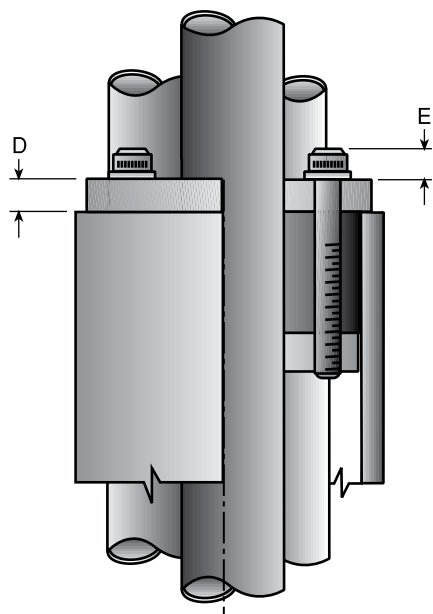
# Conduit Sealing Bushings

For Use with Cable in Rigid Conduit ①

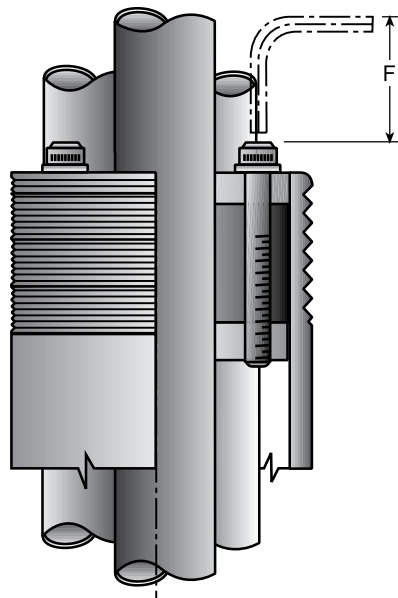
NEC/CEC:  
Rated for Ordinary Locations

## Type CSB Series Dimensional Data:

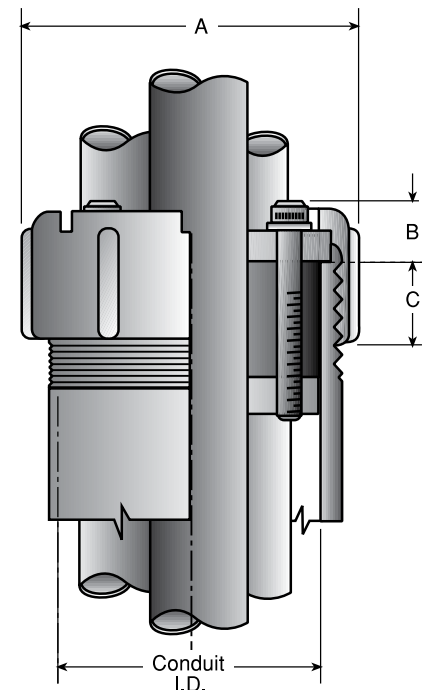
Conduit ① Size	Max. Diameter of Wire Permitted ② Millimeters (Inches)				Conduit ID	Dimensions in Millimeters (Inches)						
	1 Hole	2 Holes	3 Holes	4 Holes		A Dia.	B	C	D	E	F Min	
1-1/2"	19.81 (0.78)	12.45 (0.49)	13.46 (0.53)	11.18 (0.44)	1.610	60.45 (2.38)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)	
2"	26.91 (1.02)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	2.067	74.42 (2.93)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)	
2-1/2"	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	2.469	85.85 (3.38)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)	
3"	48.01 (1.89)	30.48 (1.20)	28.70 (1.13)	24.38 (0.96)	3.068	104.90 (4.13)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)	
3-1/2"	54.10 (2.13)	35.53 (1.32)	35.05 (1.38)	28.70 (1.13)	3.548	115.82 (4.56)	22.35 (0.88)	22.35 (0.88)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)	
4"	66.28 (2.57)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	4.026	130.30 (5.13)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)	
5"	87.63 (3.45)	50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	5.047	158.75 (6.25)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)	
6"	109.73 (4.32)	63.75 (2.51)	60.45 (2.38)	54.10 (2.13)	6.065	187.45 (7.38)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)	



Type CSBE



Type CSBI



Type CSBG

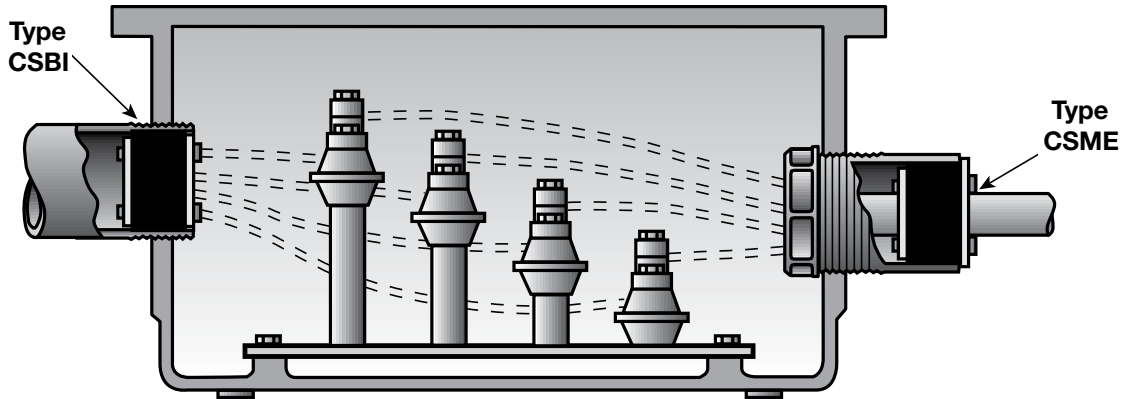
① Standard fittings may be used with corresponding sizes of schedule 40 pipe or tubes and cored holes which have the same internal diameter as conduit I.D. shown above.

② Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.

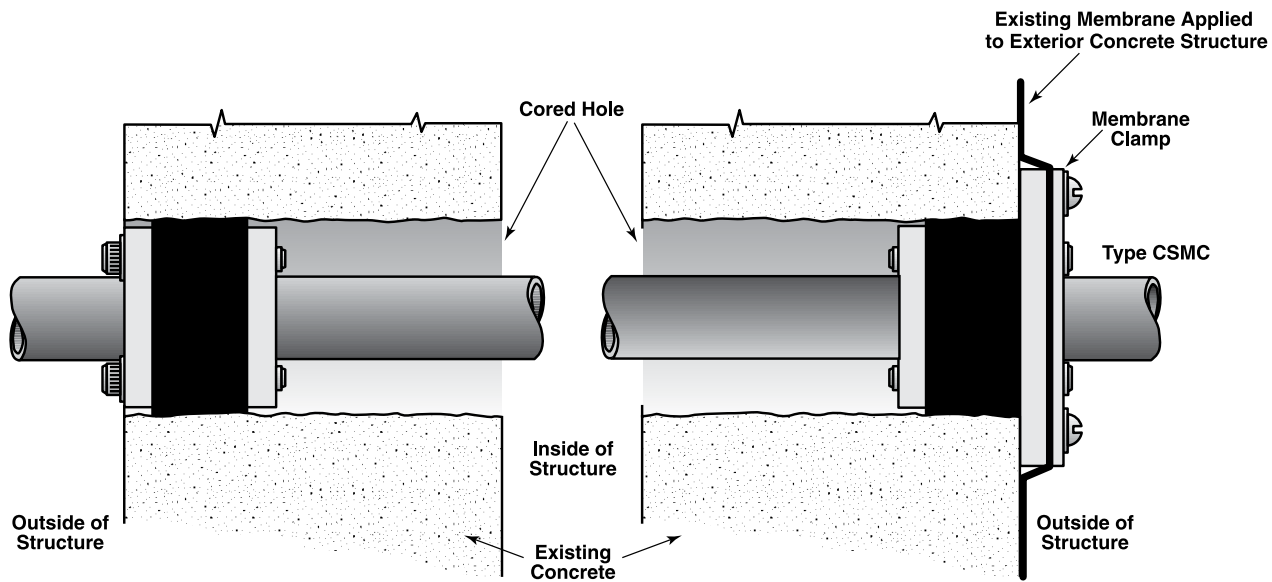
# Conduit Sealing Bushings

NEC/CEC:  
Rated for Ordinary Locations

## Typical Applications



**Type CSBI and Type CSME**  
Used to seal conduits entering an enclosure to prevent condensation and water from entering.



**Type CSMI and Type CSMC**  
Core Drilled Hole Application

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS



# Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

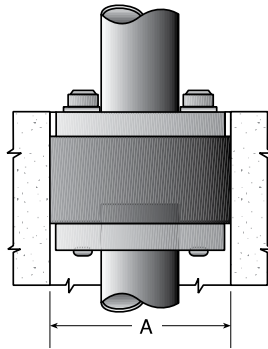
**NEC/CEC:**  
Rated for Ordinary Locations

## Applications

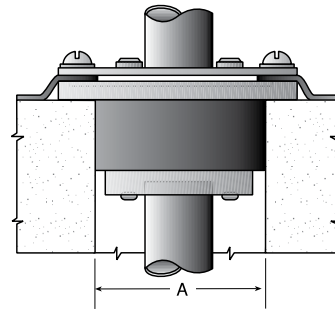
- These Sealing Bushings are used to seal against fluid and gas pressure around mechanical pipes, casing, conduits or tubes
- They have the same details of construction and are used for the same applications as the Type CSB Series.
- In addition to sealing a pipe within a pipe, some types are specifically designed for use in core bit drilled holes or precast holes in concrete.
- Most of the options for the Type CSB are available in the Type CSM Series.

## TO ORDER SPECIFY:

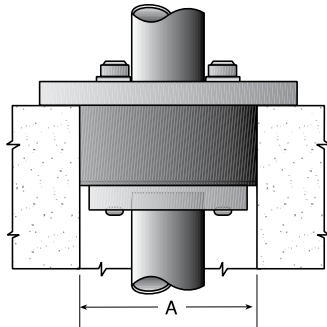
1. Catalog Number
2. Diameter of core bit drilled hole, precast hole or I.D. of pipe.
3. Number and O.D. of penetrating pipe, conduit or tube
4. Disc material finish: PVC Coated Steel Discs (standard); Uncoated Aluminum Discs.
5. Segmental design, if required (prices on application)
6. Two Neoprene Sealing Rings (if required) Prices on Applications. Suffix-G2.



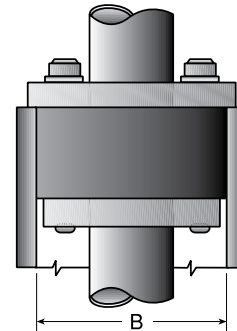
Type CSMI Internal



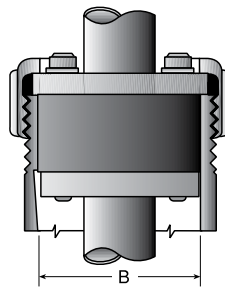
Type CSMC  
with steel membrane clamp  
for holding existing moisture membrane



Type CSML Large Top Plate



Type CSME External



Type CSMG Gland-Locking Collar

OSG EDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND INCL CONDUIT FITTINGS

# Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

NEC/CEC:  
Rated for Ordinary Locations

## Type CSM Series Dimensional Data:

Use With Core Drilled Hole Dia. "A"	Conduit or Pipe I.D. "B"	Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe			Catalog Numbers ①				
		Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		2 Holes	3 Holes	4 Holes	Type CSMI	Type CSML	Type CSMC	Type CSME	Type CSMG
		Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.								
2	52.58 (2.07)	9.65 (0.38)	17.27 (0.68)			9.65 (0.38)	12.70 (0.50)	20.07 (0.79)	18.03 (0.71)	15.24 (0.60)	CSMI-200P	CSML-200P	CSMC-200P	CSME-200P	CSMG-200P
		12.70 (0.50)	21.34 (0.84)			12.70 (0.50)	16.00 (0.63)								
		19.05 (0.75)	26.67 (1.05)			19.05 (0.75)	22.35 (0.88)								
2-1/2	62.74 (2.47)	25.40 (1.00)	33.53 (1.32)			25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	CSMI-250P	CSML-250P	CSMC-250P	CSME-250P	CSMG-250P
		31.75 (1.25)	42.16 (1.66)			31.75 (1.25)	35.05 (1.38)								
3	77.98 (3.07)	38.10 (1.50)	48.26 (1.90)			38.10 (1.50)	41.40 (1.63)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	CSMI-300P	CSML-300P	CSMC-300P	CSME-300P	CSMG-300P
		31.75 (1.25)	42.16 (1.66)			31.75 (1.25)	35.05 (1.38)								
		44.45 (1.75)	47.75 (1.88)			44.45 (1.75)	47.75 (1.88)								
3-1/2	90.17 (3.55)	50.80 (2.00)				50.80 (2.00)	54.10 (2.13)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	CSMI-350P	CSML-350P	CSMC-350P	CSME-350P	CSMG-350P
		50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)								
4	102.36 (4.03)	63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)	63.50 (2.50)	66.80 (2.63)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	CSMI-400P	CSML-400P	CSMC-400P	CSME-400P	CSMG-400P
		63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)	63.50 (2.50)	66.80 (2.63)								
5	128.27 (5.05)	76.20 (3.00)	88.90 (3.50)	50.80 (2.00)	69.85 (2.75)	76.20 (3.00)	88.90 (3.50)	50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	CSMI-500P	CSML-500P	CSMC-500P	CSME-500P	CSMG-500P
		76.20 (3.00)	88.90 (3.50)	50.80 (2.00)	69.85 (2.75)	76.20 (3.00)	88.90 (3.50)								
6	154.18 (6.07)	88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	92.96 (3.66)	101.60 (4.00)	96.52 (3.80)	63.50 (2.50)	54.10 (2.13)	50.80 (2.00)	CSMI-600P	CSML-600P	CSMC-600P	CSME-600P	CSMG-600P
		101.60 (4.00)	114.30 (4.50)	76.20 (3.00)	96.52 (3.80)	101.60 (4.00)	96.52 (3.80)								
8	202.69 (7.98)	114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	121.92 (4.80)	127.00 (5.00)	133.35 (5.25)	76.20 (3.00)	76.20 (3.00)	73.15 (2.88)	CSMI-800P	CSML-800P	CSMC-800P	CSME-800P	②
		127.00 (5.00)	141.22 (5.56)	101.60 (4.00)	127.00 (5.00)	133.35 (5.25)	139.70 (5.50)								
		152.40 (6.00)	168.40 (6.63)	101.60 (4.00)	127.00 (5.00)	133.35 (5.25)	139.70 (5.50)								
10	254.51 (10.02)		177.8 (7.00)	152.4 (6.00)	175.26 (6.90)	152.4 (6.00)	180.34 (7.10)	Single Penetration Only			CSMI-1000P	CSML-1000P	②	CSME-1000P	②
12	303.28 (11.94)	203.20 (8.00)	219.20 (8.63)	203.20 (8.00)	229.87 (9.05)	203.20 (8.00)	236.22 (9.30)	Single Penetration Only			CSMI-1200P	CSML-1200P	②	CSME-1200P	
		254.00 (10.00)	273.05 (10.75)	254.00 (10.00)	281.94 (11.10)	254.00 (10.00)	289.56 (11.40)	Single Penetration Only			CSMI-1400P	CSML-1400P	②	CSME-1400P	②
16	381.00 (15.00)	304.80 (12.00)	323.85 (12.75)	304.80 (12.00)	335.28 (13.20)	304.80 (12.00)	342.9 (13.5)	Single Penetration Only			CSMI-1600P	CSML-1600P	②	CSME-1600P	②

① The suffix -P in the Catalog Number indicates PVC Coated Steel Pressure Discs. For Aluminum Pressure Discs, change P to A.

② Type CSMG and CSMC are not available in these sizes.

# Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

**NEC/CEC:**  
Rated for Ordinary Locations

Use with Core Drilled Hole Dia. Conduit or Pipe I.D.		Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe									Catalog No. ②
"A"	"B"	Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		2 Holes	3 Holes	4 Holes	C Dia.	D Dia.	E	F	G	H	CSMI- CSML- CSMC- CSME- CSMG-
		Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.										
50.80 (2.00)	52.58 (2.07)	9.65 (0.38)	17.27 (0.68)	9.65 (0.38)	12.70 (0.50)	9.65 (0.38)	12.70 (0.50)	20.07 (0.79)	18.03 (0.71)	15.24 (0.6)	76.20 (3.00)	54.10 (2.13)	71.37 (2.81)	33.27 (1.31)	41.40 (1.63)	16.00 (0.63)	200P
63.50 (2.50)	62.74 (2.47)	25.40 (1.00)	33.53 (1.32)	25.40 (1.00)	28.70 (1.13)	25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	88.90 (3.50)	65.02 (2.56)	85.85 (3.38)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)	250P
76.20 (3.00)	77.98 (3.07)	31.75 (1.25)	42.16 (1.66)	31.75 (1.25)	35.05 (1.38)	31.75 (1.25)	35.05 (1.38)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	101.60 (4.00)	81.03 (3.19)	104.90 (4.13)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)	300P
3-1/2	90.17 (3.55)		50.80 (2.00)		50.80 (2.00)		54.10 (2.13)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	112.78 (4.44)	93.73 (3.69)	115.82 (4.56)	36.58 (1.44)	47.75 (1.88)	22.35 (0.88)	350P
101.60 (4.00)	102.36 (4.03)	50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	127.00 (5.00)	106.43 (4.19)	130.30 (5.13)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)	400P
127 (5.00)	128.27 (5.05)	63.5 (2.5)	73.15 (2.88)	50.8 (2.00)	69.85 (2.75)			50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	152.40 (6.00)	133.35 (5.25)	158.75 (6.25)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)	500P
152.40 (6.00)	154.18 (6.07)	88.9 (3.5)	101.6 (4.00)	76.2 (3.00)	92.96 (3.66)	76.2 (3.00)	96.52 (3.8)	63.50 (2.50)	54.1 (2.13)	50.8 (2.00)	179.32 (7.06)	158.75 (6.25)	187.45 (7.38)	36.58 (1.44)	47.75 (1.88)	25.4 (1.00)	600P
203.2 (8.00)	202.69 (7.98)	114.30 (4.5)	127 (5.00)	101.6 (4.00)	121.92 (4.8)	101.6 (4.00)	127 (5.00)	--	--	--	233.43 (9.19)	--	--	36.58 (1.44)	47.75 (1.88)	--	800P ①
254 (10.00)	254.51 (10.02)		177.8 (7.00)	152.4 (6.00)	175.26 (6.9)	152.4 (6.00)	180.34 (7.10)	--	--	--	293.62 (11.56)	--	--	36.58 (1.44)	47.75 (1.88)	--	1000P ①
304.8 (12.00)	303.28 (11.94)	203.2 (8.00)	219.2 (8.63)	203.2 (8.00)	229.87 (9.05)	203.2 (8.00)	236.22 (9.30)	--	--	--	344.42 (13.56)	--	--	39.62 (1.56)	54.1 (2.13)	--	1200P ①
355.6 (14.00)	333.5 (13.13)	254 (10)	273.05 (10.75)	254 (10.00)	289.56 (11.4)	254 (10.00)	281.94 (11.1)	--	--	--	15-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--	1400P ①
406.4 (16.00)	381 (15.00)	304.8 (12.00)	323.85 (12.75)	304.8 (12.00)	335.28 (13.2)	304.8 (12.00)	342.9 (13.5)	--	--	--	17-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--	1600P ①

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS, RIGID AND IMC CONDUIT FITTINGS

① Type CSMG and CSMC are not available in these sizes.  
② Please add prefix before catalog number to specify fitting type.

# Cable Terminators

CEC:  
Listed for Ordinary Locations

## Applications

- Cable Terminators and Sealing Fittings are used on conduit ends and cable ends to effectively seal the cable and conduit.

## Terminator

- The Terminator body is deep enough to provide an ample compound chamber for use indoors or outdoors. A Canvas Bakelite Cover, either with or without taping cones, is provided to space and protect the cables. Instead of a cover, a female thread can be furnished for use with a short nipple or a flexible conduit adapter. The Terminator is recommended for sealing the ends of multi-conductor cables and for sealing the ends of conduit, and cables.

## Compound Bushing

- The Compound Bushing is more compact than the Terminator. Its compound chamber is not as deep. No cover or top thread is provided. It is for use in protected locations where space is limited.

## Sealing Bushing

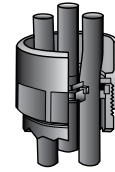
- The Sealing Bushing is similar to the compound Bushing except that a compound chamber is not provided. This fitting therefore is not recommended as a cable sealing device for use at the ends of multi-conductor cable. However, the conduit end is effectively sealed around the cable by neoprene gaskets for rubber type insulations. It is widely used to seal the ends of conduit against moisture, dust, corrosive atmospheres and objectionable gases. It is also used to seal conduit against the entrance of warm humid air which would otherwise condense inside the conduit.

## Conduit Sealing Bushings

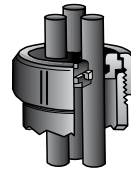
- Conduit Sealing Bushings are used for sealing ends of conduit where cables emerge in applications involving higher fluid or gas pressures than can be handled by standard sealing bushings. These Conduit Sealing Bushings are compact and require only as much space inside a cabinet as an ordinary conduit bushing.



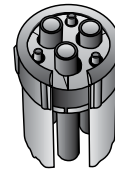
Terminator



Compound Bushing



Sealing Bushing



Conduit Sealing Bushings

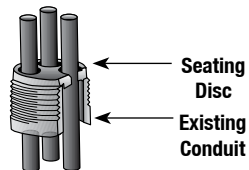
# Cable Terminators

CEC:  
Listed for Ordinary Locations

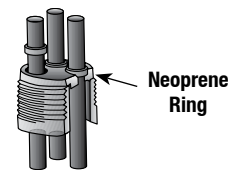
## Applications

- There are many types of fittings containing Bakelite discs and O-rings which can be safely drilled in the field by following our detailed instructions. "These fittings will perform satisfactorily only when properly machined to the actual dimensions for the specific O.D. of cable used. Detailed instruction sheets containing layout data and special assembly procedures are supplied with blank fittings. Failure to comply may result in compound leakage and/or loss of seal around cable. O-Z/Gedney™ is not responsible for any field machined or modified fittings."

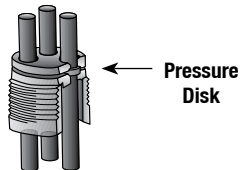
The basic principles used throughout the line of O-Z/Gedney™ Terminators covering their use with Rubber Covered Cables are clearly illustrated in this assembly.



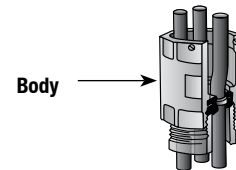
- After cables are prepared, Bakelite seating disc with properly drilled holes is slipped over cables and set into the conduit.



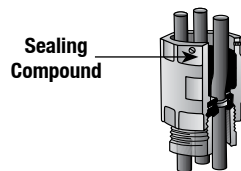
- Neoprene rings, are placed around the cables and set into recesses in the seating disc.



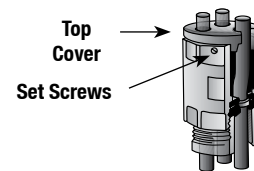
- A Canvas Bakelite pressure disc is passed over the cables and set on top of the neoprene rings, holding them firmly in place.



- The body is then screwed directly on the conduit, clamping the discs and applying pressure to the neoprene rings.



- Compound is heated to the proper temperature and the body filled to the height of the set screws, making a complete seal.



- Before compound sets, Canvas Bakelite top cover is passed over the conductors, pushed down into the hot compound and secured by set screws.

# Cable Terminators

With Compound Chamber For Threaded Rigid Conduit

CEC:  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables and the conduit against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Sealing Compound is not included and must be ordered separately.
- Can be field-drilled.

## Standard Materials

- Body - malleable or ductile iron casting

## Standard Finishes

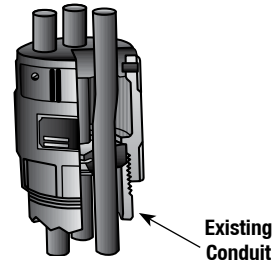
- Body - hot dip galvanized
- Sealing disc - canvas bakelite

## Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Type CRC terminators are available with tapping cones for sealing rubber or plastic insulated cables.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings. Specify optional Aluminum material, see above.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



Type CRC

### TO ORDER SPECIFY:

- Catalog Number
- Number of cables
- Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Approx. Compound Req'd. (Pints)	Catalog Number
	1 <sup>①</sup> Wire	2 Wires	3 Wires	4 Wires	Max. Dia.	Overall Height		
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	57.15 (2.25)	79.50 (3.13)	1/8	<b>CRC-125</b>
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	82.55 (3.25)	1/8	<b>CRC-150</b>
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	95.25 (3.75)	1/4	<b>CRC-200</b>
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	88.90 (3.50)	107.95 (4.25)	1/2	<b>CRC-250</b>
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	107.95 (4.25)	120.65 (4.75)	3/4	<b>CRC-300</b>
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	120.65 (4.75)	130.30 (5.13)	1	<b>CRC-350</b>
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	136.65 (5.38)	149.35 (5.88)	1-1/2	<b>CRC-400</b>
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	165.10 (6.50)	165.10 (6.50)	2-3/4	<b>CRC-500</b>
6"	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.80 (7.63)	174.75 (6.88)	4	<b>CRC-600</b>

<sup>①</sup> Contact your local representative for price and availability on above options.

# Cable Terminators

For Ends of Threaded Rigid Conduit

**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

## Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

## Standard Finishes

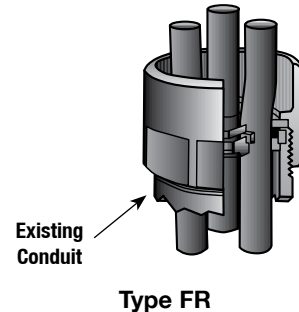
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

## Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



**TO ORDER SPECIFY:**  
1. Catalog Number  
2. Number of cables  
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Approx. Compound Req'd.Pints	Catalog Number
	1 ① Wire	2 Wires	3 Wires	4 Wires	Maximum Diameter	Overall Height		
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	41.40 (1.63)	1/20	FR-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	54.1 (2.13)	44.45 (1.75)	1/20	FR-125
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	47.75 (1.88)	1/8	FR-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	50.80 (2.00)	1/6	FR-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	63.50 (2.50)	1/3	FR-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	104.90 (4.13)	66.80 (2.63)	1/2	FR-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	117.60 (4.63)	66.80 (2.63)	1/2	FR-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	66.80 (2.63)	2/3	FR-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	171.45 (6.75)	79.50 (3.13)	1	FR-500

① Contact your local representative for price.

# Cable Terminators

For Threaded Rigid Conduits Entering Cabinets

**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

## Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

## Standard Finishes

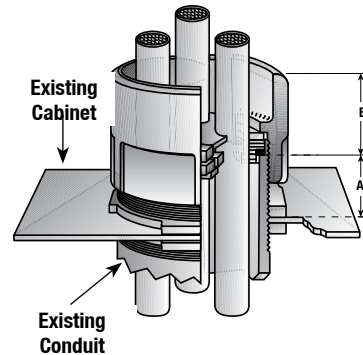
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

## Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



**Type HRK**

### TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)			Approx. Compound Req'd.Pints	Catalog Number
	1 <sup>Ⓢ</sup> Wire	2 Wires	3 Wires	4 Wires	Maximum Diameter	"A" Min.	"B"		
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.4 (1.00)	28.7 (1.13)	1/20	<b>HRK-100</b>
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.4 (1.00)	31.75 (1.25)	1/20	<b>HRK-125</b>
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.4 (1.00)	31.75 (1.25)	1/8	<b>HRK-150</b>
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.7 (1.13)	38.1 (1.50)	1/6	<b>HRK-200</b>
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	44.45 (1.75)	1/3	<b>HRK-250</b>
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	38.1 (1.50)	47.75 (1.88)	1/2	<b>HRK-300</b>
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	127 (5.00)	38.1 (1.50)	47.75 (1.88)	1/2	<b>HRK-350</b>
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.7 (5.50)	38.1 (1.50)	47.75 (1.88)	2/3	<b>HRK-400</b>
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.4 (1.63)	60.45 (2.38)	1	<b>HRK-500</b>

<sup>Ⓢ</sup> Contact your local representative for price.



# Cable Terminators

For Exposed Cables Entering Cabinets

**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

## Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

## Standard Finishes

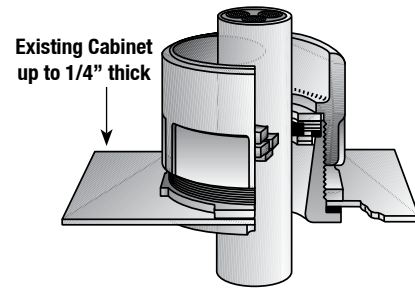
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

## Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



Type HRE

### TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)					Dimensions in Millimeters (Inches)			Approx. Compound Req'd. Pints	Catalog Number
1 ① Wire	2 Wires	3 Wires	4 Wires	Knockout Size	Maximum Diameter	Overall Height			
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	54.10 (2.13)	1/20	HRE-100	
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	HRE-125	
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	HRE-150	
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	66.80 (2.63)	1/6	HRE-200	
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	HRE-250	
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	85.85 (3.38)	1/2	HRE-300	
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	HRE-350	
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.5)	85.85 (3.38)	2/3	HRE-400	
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	101.60 (4.00)	1	HRE-500	

① Contact your local representative for price.

# Cable Terminators

For Exposed Cables Entering Cabinets - with pOzi-grip™ Wedging Plug

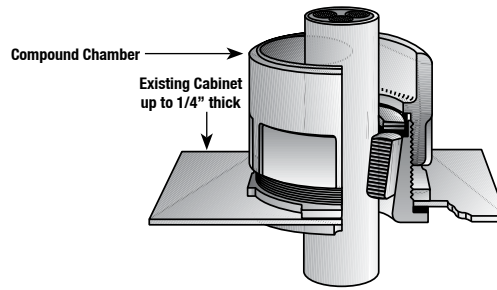
**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Compound Chamber.



## Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron
- Locknut - steel or malleable iron

## Standard Finishes

- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Locknut - zinc electroplated
- Wedging plug - canvas bakelite

## Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584

### Type HPE with Canvas Bakelite Wedging Plug

#### TO ORDER SPECIFY:

- Catalog Number
- Number of cables
- Diameter over insulation of each cable

*Cable support plugs will not be supplied undrilled.*

#### Dimensions in Millimeters (Inches)

Max. Cable Dia.	Knockout Size	Max. Dia.	Height Inside Box	Approx. Compound Req'd.Pints	Catalog Number
17.27 (0.68)	1"	44.45 (1.75)	54.10 (2.13)	1/20	HPE-100
23.62 (0.93)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	HPE-125
30.48 (1.20)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	HPE-150
38.86 (1.53)	2"	79.50 (3.13)	66.80 (2.63)	1/6	HPE-200
46.48 (1.83)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	HPE-250
57.91 (2.28)	3"	111.25 (4.38)	85.85 (3.38)	1/2	HPE-300
67.31 (2.65)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	HPE-350
76.20 (3.00)	4"	139.70 (5.50)	85.85 (3.38)	2/3	HPE-400
95.25 (3.75)	5"	174.75 (6.88)	101.60 (4.00)	1	HPE-500

# Cable Terminators

For Ends of Threaded Rigid Conduits

**CEC:**  
Listed for Ordinary Locations

## Applications

- Provides a seal at the top of a vertical conduit for one or more single or multiple conductor cables. Excludes water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables in rigid conduit.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.

## Standard Materials

- Locking collar - malleable or ductile iron
- Locknut - steel or malleable iron

## Standard Finishes

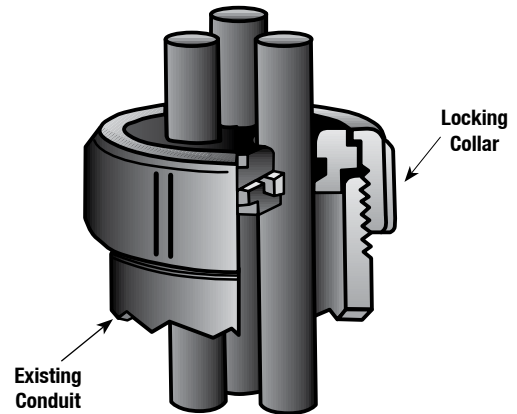
- Locking collar - hot dip galvanized
- Locknut - zinc electroplated
- Sealing discs - canvas bakelite

## Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



Type KR

**TO ORDER SPECIFY:**

1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Catalog Number
	1 @ Wire	2 Wires	3 Wires	4 Wires	Max. Dia.	Overall Height	
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	41.40 (1.63)	25.40 (1.00)	KR-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	47.75 (1.88)	28.70 (1.13)	KR-125
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	28.70 (1.13)	KR-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	71.37 (2.81)	28.70 (1.13)	KR-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	85.85 (3.38)	35.05 (1.38)	KR-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	101.60 (4.00)	38.10 (1.50)	KR-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	114.30 (4.50)	38.10 (1.50)	KR-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	41.4 (1.63)	KR-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	158.75 (6.25)	44.45 (1.75)	KR-500
6"	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	187.45 (7.38)	44.45 (1.75)	KR-600

① Contact your local representative for price.

# Cable Terminators

For Exposed Cables Entering Cabinets

**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

## Standard Materials

- Locking collar and body - malleable or ductile iron

## Standard Finishes

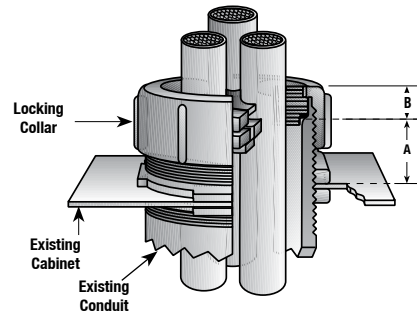
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

## Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18



Type GRK

### TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each conductor

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)			Catalog Number
	1 <sup>Ⓢ</sup> Wire	2 Wires	3 Wires	4 Wires	Maximum Dia.	"A"	"B"	
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	GRK-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.40 (1.00)	12.70 (0.50)	GRK-125
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.40 (1.00)	12.70 (0.50)	GRK-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.70 (1.13)	12.70 (0.50)	GRK-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	16.00 (0.63)	GRK-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	35.05 (1.38)	16.00 (0.63)	GRK-300
3-1/2"	67.31 (2.65)	35.56 (1.4)	34.04 (1.34)	28.45 (1.12)	127.00 (5.00)	38.10 (1.50)	19.05 (0.75)	GRK-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.70 (5.50)	38.10 (1.50)	19.05 (0.75)	GRK-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.40 (1.63)	25.40 (1.00)	GRK-500
6"	114.30 (4.5)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.8 (7.63)	44.45 (1.75)	25.40 (1.00)	GRK-600

<sup>Ⓢ</sup> Contact your local representative for price.

# Cable Terminators

For Exposed Cables Entering Cabinets

**CEC:**  
Listed for Ordinary Locations

## Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

## Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

## Standard Materials

- Locking collar and body - malleable or ductile iron

## Standard Finishes

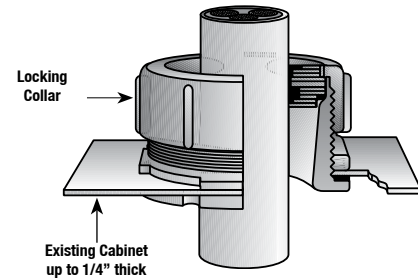
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

## Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584



Type GRE

**TO ORDER SPECIFY:**  
 1. Catalog Number  
 2. Number of conductors  
 3. Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)				Knockout Size	Dimensions in Millimeters (Inches)		
1 ① Wire	2 Wires	3 Wires	4 Wires		Max. Dia.	Overall Height	Catalog Number
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	38.10 (1.50)	<b>GRE-100</b>
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	41.40 (1.63)	<b>GRE-125</b>
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	41.40 (1.63)	<b>GRE-150</b>
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	41.40 (1.63)	<b>GRE-200</b>
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	50.80 (2.00)	<b>GRE-250</b>
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	54.10 (2.13)	<b>GRE-300</b>
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	57.15 (2.25)	<b>GRE-350</b>
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.50)	60.45 (2.38)	<b>GRE-400</b>
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	66.80 (2.63)	<b>GRE-500</b>
114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	6"	193.80 (7.63)	76.20 (3.00)	<b>GRE-600</b> ②

① Contact your local representative for price.

② Not CSA Supported.

# Cable Terminators

For Exposed Cables Entering Cabinets - with pOZI-grip™ Wedging Plug

CEC:  
Listed for Ordinary Locations

## Applications

- Provides cable support for one or more single or multiple conductor cables entering a cabinet or enclosure.

## Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Cable Support Plugs cannot be field-drilled.

## Standard Materials

- Locking collar and body - malleable or ductile iron

## Standard Finishes

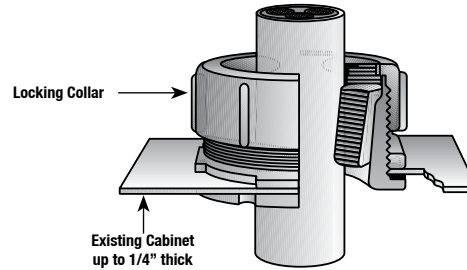
- Locking collar and body - hot dip galvanized
- Pressure disc and wedging plug - canvas bakelite

## Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

## CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18



Type GPE with Canvas Bakelite Wedging Plug

### TO ORDER SPECIFY:

1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

*Cable support plugs will not be supplied undrilled.*

Max. Cable Dia.	Knockout Size	Dimensions in Millimeters (Inches)		Catalog Number
		Max. Dia.	Height Inside Box	
17.27 (0.68)	1"	44.45 (1.75)	38.10 (1.50)	GPE-100
23.62 (0.93)	1-1/4"	60.45 (2.38)	41.40 (1.63)	GPE-125
30.48 (1.20)	1-1/2"	66.8 (2.63)	41.40 (1.63)	GPE-150
38.86 (1.53)	2"	79.5 (3.13)	41.40 (1.63)	GPE-200
46.48 (1.83)	2-1/2"	92.20 (3.63)	50.80 (2.00)	GPE-250
57.91 (2.28)	3"	111.25 (4.38)	54.10 (2.13)	GPE-300
67.31 (2.65)	3-1/2"	127.00 (5.00)	57.15 (2.25)	GPE-350
76.20 (3.00)	4"	139.70 (5.50)	60.45 (2.38)	GPE-400
95.25 (3.75)	5"	174.75 (6.88)	66.80 (2.63)	GPE-500
114.30 (4.50)	6"-	193.80 (7.63)	76.20 (3.00)	GPE-600 ①

① Not CSA Supported.

# Cable Terminators

## DOZSeal Sealing Insulating Compound

For Use in Terminators, Compound Bushings and Compound Type Cable Supports

**CEC:**  
Rated for Ordinary Locations

**dOZseal 220** is a universal medium-soft asphaltic base compound having a low softening point and low pouring temperature. The compound remains plastic at low temperatures and remains viscose at the highest cable operating temperature.

**Used In:**

- Gasketed or Threaded Splice Fittings and Gasketed Terminators.

**Use in Non-Hazardous Location With:**

- Any cable having solid type insulation, such as Paper, Varnished Cambric, Rubber, Butyl, Cross-Linked Polyethylene, or High Molecular weight Polyethylene rated 34.5KV and below.

**dOZseal 225** is a high ambient medium-hard asphaltic base compound having a medium-low softening point and a low pouring temperature. The compound remains plastic at medium-low temperatures and remains more viscose at the highest cable operating temperature.

**Used In:**

- Gasketed or Threaded Splice Fittings and Gasketed Terminators, when they are installed in hot climates or in hot exposures.

**Use in Non-Hazardous Location With:**

- Cables having solid type insulation, such as Paper, Varnished Cambric, Rubber, and Butyl rated 34.5KV and below.

**dOZseal 230** is a hard asphaltic base compound having a high softening point and high pouring temperature. The compound remains plastic at the highest cable operating temperature.

**Used In:**

- Non-Gasketed Terminators or Cable Supports.

**Use in Non-Hazardous Location With:**

- Any cable having solid type insulation.

*For shipping purposes, the approximate gross weight of the above compounds is 10 lbs. per gallon.*

*NOTE: When ordering Compound specify by number of units only, not quarts or gallons.*

For Use In Terminators, Compound Bushings, Compound Type Cable Supports				
Compound Number	Type	Catalog Number		
		One Qt. Can	One Gal. Bucket	
dOZseal 220	Medium-soft asphaltic base	DOZ-220Q	DOZ-220G	
dOZseal 225	Medium-hard asphaltic base	DOZ-225Q	DOZ-225G	
dOZseal 230	Hard asphaltic base	DOZ-230Q	DOZ-230G	

Characteristics				
Characteristics	Unit	DOZSEAL Filling Compounds		
		DOZSEAL 220	DOZSEAL 225	DOZSEAL 230
Softening Point	°F	115-125	165-170	230-240
Pouring Temperature	°F	325-375	325-375	375-400
Flash Point	°F	475	475	475
Dielectric Strength	KV	50	50	55

# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

The O-Z/Gedney™ Thruwall and Floor Seals provide a positive means of sealing pipe, conduit or tube where they pass through a concrete foundation of a structure below grade or below ground water level or at entry points through a concrete wall or floor which must be sealed. The usual methods of making installations, such as using straight sleeves or pitch pockets, are generally not satisfactory for their effectiveness depends upon the skill and care of the installer. If the installation is not effective, leakage will occur. Considerable time and effort may be required to remake the seal. The O-Z/Gedney™ Thruwall and Floor Seals assure watertight installations by providing the following features:

## I. Prevention of Seepage

- Seepage is eliminated between A and B by the blockage points C created by the shrinkage of the concrete on the body fins.

## II. Pressure Tight Seal

- a) When the extra thick Neoprene Grommet 4 is compressed, it provides a watertight seal between the Body 5 and the entering pipe, conduit or tube withstanding pressures in excess of a 50 ft. head of water without leakage.
- b) The Neoprene Grommet compensates for a plus or minus variation in the outside diameter of the entering pipe, conduit or tube.
- c) The Neoprene Grommet will provide a proper seal even if the entering pipe, conduit or tube is forced off the center line of the fitting or is tilted because of the pressure exerted on the pipe by the back fill.

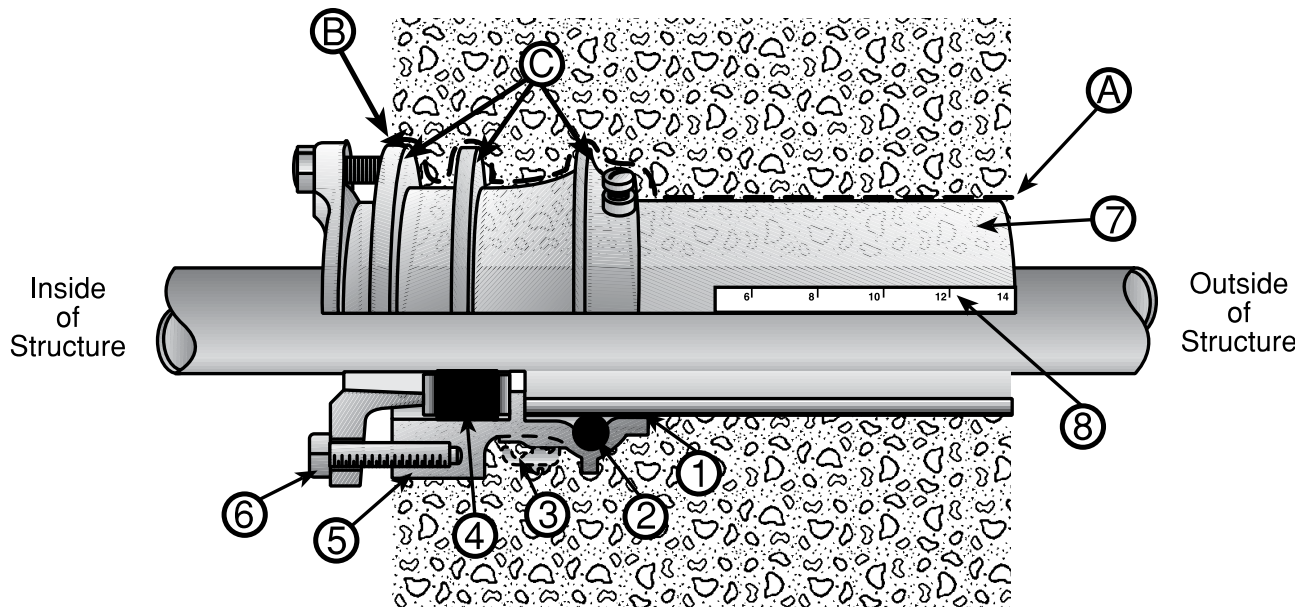
## Features:

## III. Pressure Tight and Concrete-Tight Housing

- To further insure a pressure tight and concrete-tight housing a neoprene ring 2 is provided to effect a seal between the Body 5 and the Oversize Sleeve 7.

## IV. Easy to Install

- a) Nail holes are provided for attaching the fitting to the concrete forms, or the fitting can be installed by the use of positioning rods which pass through the forms and the inside of the fitting.
- b) To accommodate walls or floors of varying thicknesses the Oversize Sleeve 7 can be field-cut by using Marker Strip 8.
- c) Small hand wrenches are used to tighten the exposed hex head bolts 6 to compress the sealing assembly. No special wrenches are required. Hand wrenches allow tightening when space is limited. They also facilitate retightening if they were insufficiently tightened initially.
- d) An easy means of attaching a ground wire 3 is available, if required.





# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## Order of Assembly

Fig. 1

- A If wall or floor thickness is less than 14", cut length of oversize sleeve to suit. Use marker strip provided.
- B Secure assembly of body and oversize sleeve to concrete forms by using the nail holes provided, or by using positioning rods which pass thru the forms and the inside of the fitting.
- C If fitting is to be grounded, attach grounding wire using ground pad assembly which is furnished only when specified.

Note: The sealing assembly parts, which are used later in Step F, are contained in a separate package and should be stored until they are needed.

Fig. 2

- D After concrete has been poured and the forms have been taken down, remove the protective cover from the fitting. (This cover is installed temporarily to keep concrete out of tapped holes and out of fitting.)
- E Pass cable, conduit or tube thru the fitting.

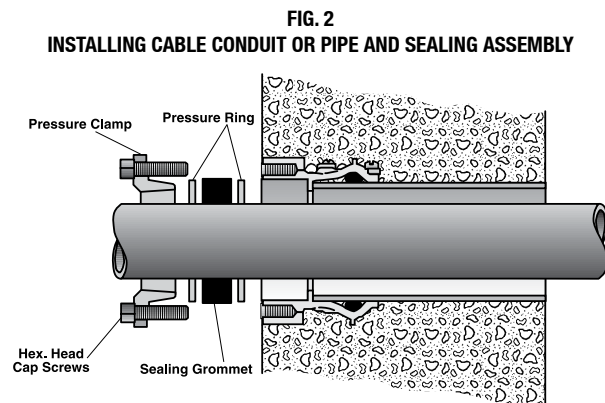
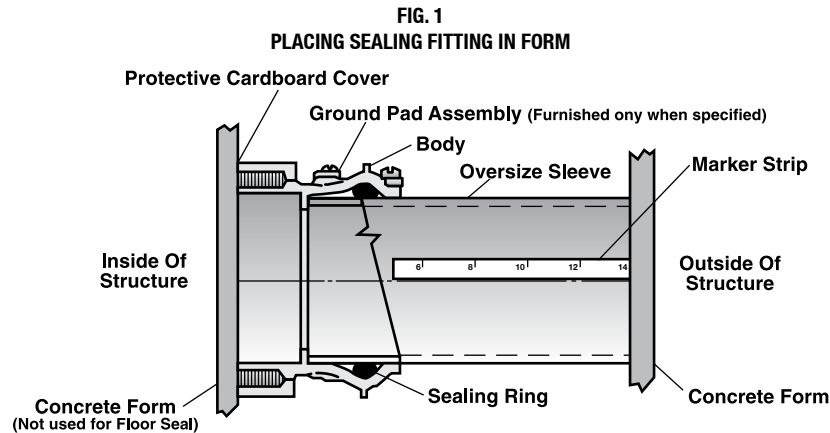
- F Slip one of the pressure rings, the neoprene sealing grommet, the other pressure ring and the pressure clamp over the end of entering cable, conduit or tube as shown and insert these parts into the end of the body.
- G Insert hex head cap screws into screw holes, and tighten until neoprene sealing grommet is sufficiently squeezed between the two pressure rings to seal around the cable, conduit or tube and the inside of body.
- H DO NOT OVER TIGHTEN. At a later date if it is found that the sealing Assembly was not tightened sufficiently, it may be retightened to stop leakage or seepage.

## Supplementary Instructions for Installing Sealing Ring

- Sealing ring is coated with rubber lubricant at factory to ease the passage of the oversize sleeve. If the oversize sleeve should be difficult to insert, apply additional rubber lubricant to the sealing ring and/or chamfer the end of the sleeve.

Note: Installation instructions are included with each fitting.

## Typical Installation Instructions



# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## General Information

### Design

The Thruwall and Floor Seal performs two functions:

1) TO PROVIDE A WATERTIGHT BLOCKAGE BETWEEN POURED CONCRETE AND THE FITTING BODY. Watertight blockage is accomplished by special designed fins cast on the outside of the Body, which permit the concrete, when it cures, to shrink around these fins, preventing water from creeping along the outside of the body.

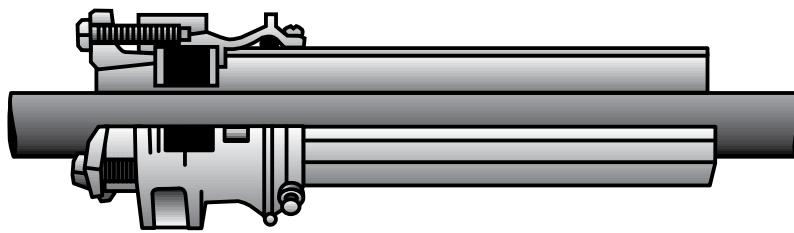
2) TO PROVIDE A PRESSURE SEAL BETWEEN THE FITTING BODY AND THE OUTSIDE DIAMETER OF ANY ROUND CASING PENETRATING A WALL, FLOOR OR CEILING.

Pressure sealing is based on an engineering principle that solid rubber-like materials are incompressible. If properly selected material is confined and is compressed, the material will flow to fill all voids, providing a very effective, long lasting seal. The sealing grommet is a shock absorber between the fitting and the casing. It allows axial movement of the casing, removing stresses from the casing. The PVC coated steel rings provide cathodic protection as it insulates the sealing fitting from the casing.

### Applications

- Type FSK and WSK Thruwall Sealing Fittings are used where a single casing penetrates the fitting. The FSC and WSC Thruwall Sealing fittings are used where multiple casings penetrate through one fitting.

- The Type FSK and Type FSC fittings are used for most sealing applications. They consist of a body and sealing assembly located on the inside of the structure, and an oversize sleeve which extends from the fitting to the outside of the structure wall. After the foundation is poured, the concrete forms are removed and the round casing is inserted into the body, providing a pressure-tight seal between the round casing and the body of the fitting. The sealing assembly is always available on the inside of the structure for retightening, in the event that sufficient tightening was not utilized during the initial installation.
- The WSK and the WSC fittings are the same as the Type FSK and FSC fittings except that they have a body and sealing assembly on both sides of the oversize sleeve. This provides a pressure seal on both sides of the wall. The Type WSK and WSC fittings can be used on applications where a seal is required on each side of the wall. The body and sealing assembly on the outside of the wall can also be used as a throttle to limit the pressure on the sealing assembly on the inside of the structure. This practice is used where applications require future provisions for replacing the inside sealing assembly when there is a high pressure on the outside wall.
- Another purpose for the Type WSK and WSC fitting is to keep the round casing in the center of the fitting and not have it deflect in the oversize sleeve in the event of earth movement in the back fill.
- Sealing grommets have an expected life in excess of 20 years.



Type FSK

# Thru Wall Floor Seals

For New Installation

**NEC/CEC:**  
Rated for Ordinary Locations

## General Information

### Material Specifications

- 1) BODIES AND PRESSURE CLAMPS are high strength malleable or ductile iron coated with a high organic zinc sacrificial conductive epoxy coating.

*Exception: Bodies of FSK 60 and larger are cast iron, malleable iron and cast iron are both inherently corrosion resistant.*

- 2) PRESSURE RINGS are closely sized to fitting inside diameter and outside diameter of casing. They are thick steel plates that have a heavy durable PVC coating, utilizing the very effective fluid bed process. PVC coating provides an insulation between the sealing assembly, and the casing to provide cathodic protection by eliminating stray electrical currents from flowing between the fitting and the casing.

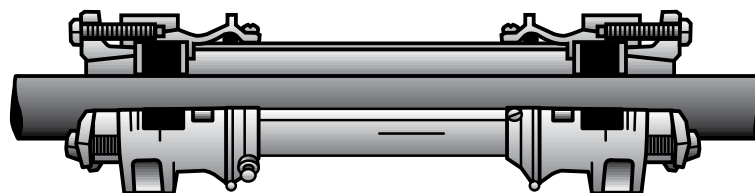
*Exception: Multi-hole Type FSC and WSC sealing assemblies are furnished with low water-absorbing high-impact thick phenolic plates in electrical applications to eliminate eddy current effect when single conductor AC currents pass through magnetic metal.*

- 3) BOLTS are - Hex head cap bolts zinc electroplated.
- 4) NEOPRENE SEALING GROMMETS are molded or drilled to accommodate casing outside diameters. The neoprene is specifically compounded for the following very desirable operating characteristics:
  - Low compression modulus (the ability of the neoprene sealing ring to flow with low-tightening force).
  - Very low compression set (maintain seal over extended period without having to retighten).
  - Anti-oxidant (resistant to ozone attack).
  - Anti-oxidant (resistance to weathering).
  - Low crystallization (suitable for use at low temperatures).
  - Fire retardant (will not support combustion).
- 5) OVERSIZE SLEEVES have a marker strip to facilitate field-cutting of sleeves to accommodate walls or floors of varying thicknesses and are furnished in the following material:
  - On FSK10 through FSK40 - High strength, high-impact, durable PVC pipe.
  - On FSK60 - Steel pipe coated with a high organic zinc conductive Epoxy coating.
  - On FSK100 and larger - High strength, high-impact, thick polyethylene pipe.

### Special Features Available at Price Addition

- 1) Bodies and pressure clamps can be furnished hot dip galvanized.
- 2) Pressure rings can be furnished in Type 304 stainless steel, uncoated or coated with PVC.
- 3) Sealing grommets can be furnished in materials other than Neoprene; such as Silicone, for high temperature hot water and steam pipe applications to 400°F.
- 4) Oversize sleeves, other than standard, can be furnished in other materials that are available having the same outside diameter as the sleeves used. Oversize sleeves longer than standard are also available.
- 5) Tightening bolts can be furnished in steel with hot dip galvanized finish, or Stainless Steel Type 316 (standard zinc plated steel).
- 6) Provisions for connecting grounding wire.
- 7) FSKA Adapters (used on oversize sleeve with type FSK and FSC) to clamp membrane material around casing penetration.
- 8) Adapters to clamp membrane to Thruwall and Floor Seal body when the membrane is on the same side of the wall or floor as the Body.

**WARNING** Blank fittings are intended for use as abandonment plugs and for sealing openings reserved for future use. DO NOT FIELD DRILL. O-Z/Gedney™ will not be responsible for any device that has been modified in the field.



Type WSK

# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## Order of Assembly

- 1 Bodies and oversize sleeve as a unit is mounted in concrete forms.
- 2 Pour concrete.
- 3 Remove forms, pass conduit thru fitting and install sealing assembly parts.

## Applications

- Where conduit, pipe or tubing enters a building through the concrete foundation below grade or ground water level, or where it is necessary to seal around a conduit, pipe or tubing where it passes through a concrete floor or wall.
- These fittings are designed so that each body size will accept several different size sealing assemblies which are made to fit the standard sizes of conduit, steel or cast iron pipe, or copper tubing.
- If desired, this design permits the purchase of the fitting less the sealing assembly for mounting in the concrete forms before the concrete is poured.
- At a later date the sealing assembly can be ordered and the installation completed.

## Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.

- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- The standard fittings up to the "FSK-40-450" are furnished with a PVC oversize sleeve and the "FSK-60-480" thru "FSK-60-663" sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to FSK-40-450.)
- All the standard sleeves will accommodate a wall or floor up to 14" thick and a marker strip, divided in inches, is provided on the sleeve to facilitate field cutting for wall less than 14".
- Longer sleeves for use in walls or floors of greater thickness are available.

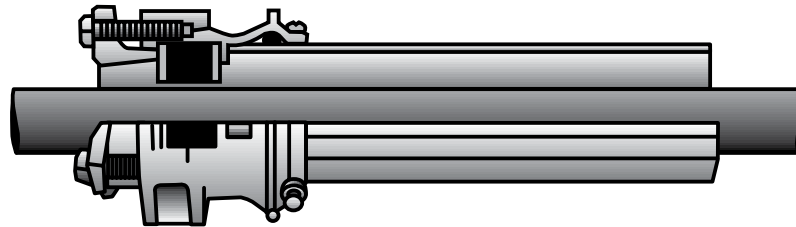
## Standard Materials

- Castings - malleable or ductile iron
- FSK 60 Series bodies - cast iron
- Grommet - neoprene
- Pressure rings - steel

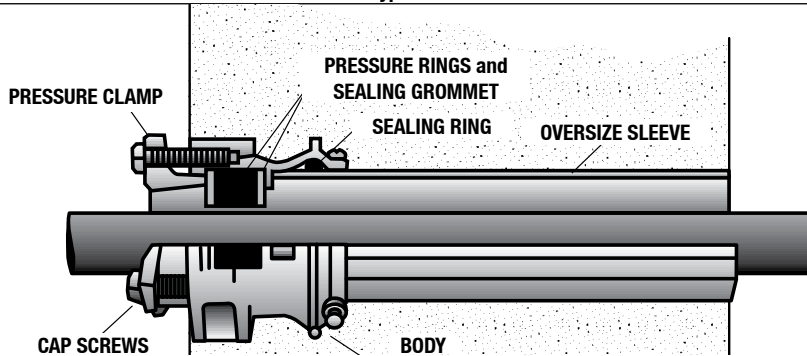
## Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available
- Pressure rings - PVC coated

**WARNING:** Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type FSK



Type FSK Installation

### TO ORDER SPECIFY:

1. Catalog Number
2. Size and O.D. of conduit, pipe or tubing
3. Wall thickness if greater than 14"
4. Special features where required

# Thru Wall Floor Seals

For New Installation

**NEC/CEC:**  
Rated for Ordinary Locations

Dimensions in Millimeters (Inches)										
Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		Catalog Number				
Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.	Minimum Wall Thickness	Oversize Sleeve Catalog No. ①	Fitting Complete with Sealing Assembly	Fitting Only ②	Sealing Assembly ④ Only ③
				9.65 (0.38)	12.70 (0.50)			FSK-10-68		FSK-68-25
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)					
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	95.25 (3.75)	Sleeve 2	FSK-10-88	FSK-1020	FSK-88-25
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)			FSK-10-113		FSK-113-25
25.4 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)			FSK-10-138		FSK-138-25
31.75 (1.25)	42.16 (1.66)			38.10 (1.5)	41.40 (1.63)			FSK-20-166		FSK-166-35
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)	106.43 (4.19)	Sleeve 3	FSK-20-193	FSK-2030	FSK-193-35
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)			FSK-20-213		FSK-213-35
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)			FSK-20-250		FSK-250-35
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.8 (2.63)			FSK-30-263		FSK-263-45
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)			111.25 (4.38)	Sleeve 4	FSK-30-288	FSK-3040	FSK-288-45
	76.20 (3.00)							FSK-30-313		FSK-313-45
76.20 (3.00)	88.90 (3.50)							FSK-30-350		FSK-350-45
		76.20 (3.00)	92.96 (3.66)					FSK-40-366		FSK-366-55
		76.20 (3.00)	96.52 (3.80)			117.60 (4.63)	Sleeve 5	FSK-40-380	FSK-4050	FSK-380-55
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)					FSK-40-410		FSK-410-55
101.60 (4.00)	114.30 (4.50)							FSK-40-450		FSK-450-55
		101.60 (4.00)	121.92 (4.80)					FSK-60-480		FSK-480-80
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)					FSK-60-506		FSK-506-80
	133.35 (5.25)							FSK-60-530		FSK-530-80
	139.70 (5.50)									
127.00 (5.00)	141.22 (5.56)					127.00 (5.00)	Sleeve 7	FSK-60-563	FSK-6070	FSK-563-80
	152.40 (6.00)							FSK-60-610		
	165.10 (6.50)									
152.40 (6.00)	168.40 (6.63)							FSK-60-663		FSK-663-80

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS, RIGID AND IMC CONDUIT FITTINGS

For Thruwall Seals for LARGE SIZE MECHANICAL PIPES up to 14" O.D., please see Type FSK and WSK - For Large Size Mechanical Pipes. Grounding connection on one end can be furnished if required. Please refer to Commercial Products - Type G Cable Supports, for ordering information. Ground Lug must be ordered on separate line immediately following FSK.

- ① Oversize sleeve can be ordered to accommodate wall thickness over 14". To order, specify actual wall thickness (not desired sleeve length).
- ② "Fitting Only" consists of the following parts, malleable or ductile iron bodies, oversize sleeve and sealing rings. (Except FSK 60 Series.)
- ③ Furnished with a "Sealing Assembly" consisting of the following parts: pressure clamp, hex head cap screws, pressure rings and sealing grommet.
- ④ A set of pressure rings and sealing grommet only is available separately.

# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## Order of Assembly

- 1 Bodies and oversize sleeve as a unit is mounted in concrete forms.
- 2 Pour concrete.
- 3 Remove forms, pass conduit thru fitting and install sealing assembly parts.

## Applications

- Where conduit, pipe or tubing enters a building through the concrete foundation below grade or ground water level, or where it is necessary to seal around a conduit, pipe or tubing where it passes through a concrete floor or wall.
- These fittings are designed so that each body size will accept several different size sealing assemblies which are made to fit the standard sizes of conduit, steel or cast iron pipe, or copper tubing.
- If desired, this design permits the purchase of the fitting less the sealing assembly for mounting in the concrete forms before the concrete is poured.
- At a later date the sealing assembly can be ordered and the installation completed.

## Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.

- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- The standard fittings up to the "WSK-40-450" are furnished with a PVC oversize sleeve and the "WSK-60-480" through "WSK-60-663" sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to WSK-40-450.)
- All the standard sleeves will accommodate a wall or floor up to 16" thick and a marker strip, divided in inches, is provided on the sleeve to facilitate field cutting for walls less than 16".
- Longer sleeves for use in walls or floors of greater thickness are available.

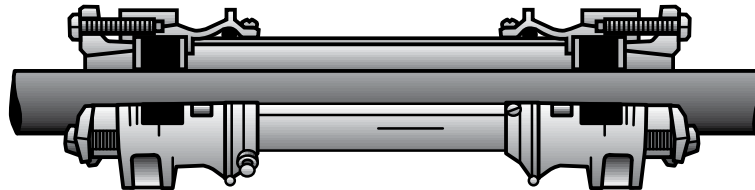
## Standard Materials

- Castings - malleable or ductile iron
- WSK 60 Series bodies - cast iron
- Grommet - neoprene
- Pressure rings - steel

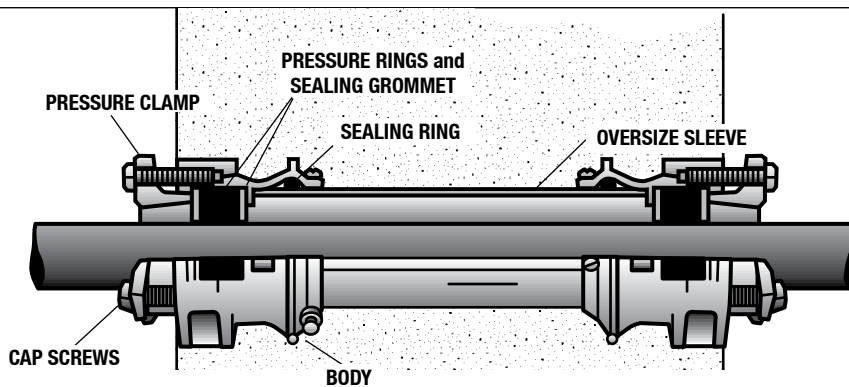
## Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available
- Pressure rings - PVC coated

**WARNING:** Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type WSK



Type WSK Installation

### TO ORDER SPECIFY:

1. Catalog Number
2. Size and O.D. of conduit, pipe or tubing
3. Wall thickness if greater than 16"
4. Special features where required

# Thru Wall Floor Seals

For New Installation

**NEC/CEC:**  
Rated for Ordinary Locations

Steel Pipe or Conduit		Dimensions in Millimeters (Inches)						Catalog Number			
		Cast Iron Pipe		Copper Tubing		Minimum Wall Thickness	Oversize Sleeve Catalog No. ①	Fitting Complete with Sealing Assembly	Fitting Only ②	Sealing Assembly ④ Only ③	
Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.						
				9.65 (0.38)	12.70 (0.50)			WSK-10-68		WSK-68-25	
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)						
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	190.50 (7.50)	Sleeve 2	WSK-10-88	WSK-1020	WSK-88-25	
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)			WSK-10-113		WSK-113-25	
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)			WSK-10-138		WSK-138-25	
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.4 (1.63)			WSK-20-166		WSK-166-35	
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)	212.85 (8.38)	Sleeve 3	WSK-20-193	WSK-2030	WSK-193-35	
	50.8 (2.00)			50.8 (2.00)	54.10 (2.13)			WSK-20-213		WSK-213-35	
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)			WSK-20-250		WSK-250-35	
		50.8 (2.00)	66.8 (2.63)	63.50 (2.50)	66.80 (2.63)			WSK-30-263		WSK-263-45	
63.5 (2.50)	73.15 (2.88)	50.8 (2.00)	69.85 (2.75)			222.25 (8.75)	Sleeve 4	WSK-30-288	WSK-3040	WSK-288-45	
	76.2 (3.00)							WSK-30-313		WSK-313-45	
76.2 (3.00)	88.90 (3.50)							WSK-30-350		WSK-350-45	
		76.20 (3.00)	92.96 (3.66)					WSK-40-366		WSK-366-55	
		76.20 (3.00)	96.52 (3.80)			234.95 (9.25)	Sleeve 5	WSK-40-380	WSK-4050	WSK-380-55	
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)					WSK-40-410		WSK-410-55	
101.60 (4.00)	114.30 (4.50)							WSK-40-450		WSK-450-55	
		101.60 (4.00)	121.92 (4.80)					WSK-60-480		WSK-480-80	
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)					WSK-60-506		WSK-506-80	
	133.35 (5.25)							WSK-60-530		WSK-530-80	
	139.70 (5.50)										
127.00 (5.00)	141.22 (5.56)					254.00 (10.00)	Sleeve 7	WSK-60-563	WSK-6070	WSK-563-80	
	152.40 (6.00)							WSK-60-610			
	165.10 (6.50)										
152.4 (6.00)	168.40 (6.63)							WSK-60-663		WSK-663-80	

For Thruwall Seals for LARGE SIZE MECHANICAL PIPES up to 14" O.D., please see Type FSK and WSK - For Large Size Mechanical Pipes. Grounding connection on one end can be furnished if required. Please refer to Commercial Products - Type G Cable Supports, for ordering information. Ground Lug must be ordered on separate line immediately following FSK.

- ① Oversize sleeve can be ordered to accommodate wall thickness over 14". To order, specify actual wall thickness (not desired sleeve length).
- ② "Fitting Only" consists of the following parts, malleable or ductile iron bodies, oversize sleeve and sealing rings. (Except FSK 60 Series.)
- ③ Furnished with a "Sealing Assembly" consisting of the following parts: pressure clamp, hex head cap screws, pressure rings and sealing grommet.
- ④ A set of pressure rings and sealing grommet only is available separately.

# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## Application

- Where direct burial cables located below grade or ground water level enter a building through the concrete foundation or for sealing around exposes cables passing through a concrete wall.
- If desired, this design permits the purchase of the fitting less sealing assembly, for mounting in the concrete forms before the concrete is poured.
- At a later date, the sealing assemblies to accommodate the specific size and number of wires can be ordered and the installation completed.

## Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.
- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- Where it is desirable or convenient to have a sealing assembly on both sides of the wall Type "WSCS" should be specified.
- The standard fittings up to the "FSC 5055" and "WSC 5055" are furnished with PVC sleeve and the "FSC 7080" and "WSC 7080" sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to "FSC 5055" and "WSC 5055" at an additional charge.)

- The standard sleeve will accommodate a wall or floor up to 14" thick on the Type "FSC" fittings and up to 16" thick on the Type "WSC" fittings and a marker strip, divided in inches is provided on the sleeve to facilitate field cutting for walls or floors less than 14" or 16" thick.
- Longer sleeves for fittings for use in walls or floors of greater thickness are available at an additional charge.

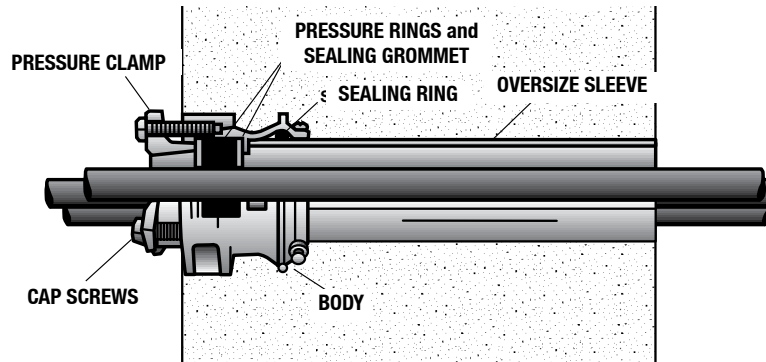
## Standard Materials

- Castings - malleable or ductile iron
- FSCS 7080 Series bodies - cast iron
- Pressure rings - phenolic

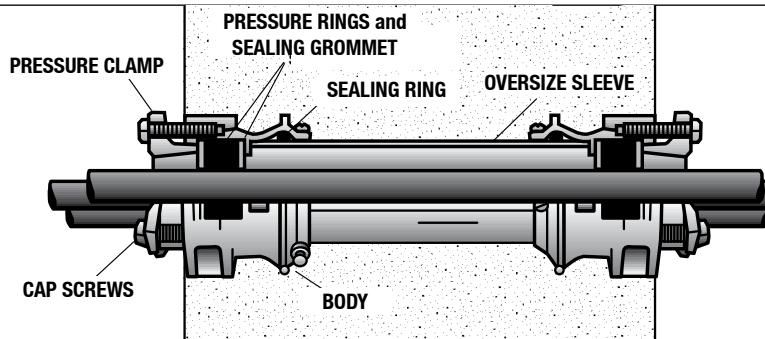
## Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available

**WARNING:** Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type FSCS Installation



Type WSK Installation

### TO ORDER SPECIFY:

1. Catalog Number
2. Number of Cables
3. Diameter over Insulation of Individual conductors
4. Wall thickness if greater than 14" on Type FSCS or 16" on Type WSCS
5. Special features where required



# Thru Wall Floor Seals

For New Installation

NEC/CEC:  
Rated for Ordinary Locations

## Type FSCS

Max. Diameter ⑤ of Wire Permitted – Millimeters (Inches)						Catalog Number				
1 ④ Wires	2 Wires	3 Wires	4 Wires	Min. Wall Thick.	Max. Dia.	Sleeve Catalog No. ①	Oversize No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only ②	Sealing Assembly Only ③
33.27 (1.31)	14.22 (0.56)	13.46 (0.53)	11.18 (0.44)	95.25 (3.75)	120.65 (4.75)	Sleeve 2	2	FSCS-2025	FSCS-20	FSCS-25
60.45 (2.38)	26.16 (1.03)	24.64 (0.97)	21.34 (0.84)	106.43 (4.19)	146.05 (5.75)	Sleeve 3	3	FSCS-3035	FSCS-30	FSCS-35
88.90 (3.50)	40.64 (1.60)	37.34 (1.47)	31.24 (1.23)	111.25 (4.38)	171.45 (6.75)	Sleeve 4	4	FSCS-4045	FSCS-40	FSCS-45
114.30 (4.50)	50.04 (1.97)	46.99 (1.85)	40.64 (1.60)	117.60 (4.63)	200.15 (7.88)	Sleeve 5	4	FSCS-5055	FSCS-50	FSCS-55
175.26 (6.90)	78.74 (3.10)	72.39 (2.85)	62.74 (2.47)	127.00 (5.00)	260.35 (10.25)	Sleeve 7	6	FSCS-7080	FSCS-70	FSCS-80

## Type WSCS

Max. Diameter ⑤ of Wire Permitted – Inches						Catalog Number				
1 ④ Wires	2 Wires	3 Wires	4 Wires	Min. Wall Thick.	Max. Dia.	Sleeve Catalog No. ①	Oversize No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only ②	Sealing Assembly Only ③
33.27 (1.31)	14.22 (0.56)	13.46 (0.53)	11.18 (0.44)	190.50 (7.50)	120.65 (4.75)	Sleeve 2	2	WSCS-2025	WSCS-20	WSCS-25
60.45 (2.38)	26.16 (1.03)	24.64 (0.97)	21.34 (0.84)	212.85 (8.38)	146.05 (5.75)	Sleeve 3	3	WSCS-3035	WSCS-30	WSCS-35
88.90 (3.50)	40.64 (1.60)	37.34 (1.47)	31.24 (1.23)	234.95 (9.25)	171.45 (6.75)	Sleeve 4	4	WSCS-4045	WSCS-40	WSCS-45
114.30 (4.50)	50.04 (1.97)	46.99 (1.85)	40.64 (1.6)	234.95 (9.25)	200.15 (7.88)	Sleeve 5	4	WSCS-5055	WSCS-50	WSCS-55
175.26 (6.90)	78.74 (3.10)	72.39 (2.85)	62.74 (2.47)	254.00 (10.00)	260.35 (10.25)	Sleeve 7	6	WSCS-7080	WSCS-70	WSCS-80

For sizes other than those shown above, consult factory.

Grounding Connection on one end can be furnished if required. Ground Lug must be ordered on separate line immediately following FSK.

① Oversize sleeve can be ordered to accommodate wall thickness over 14". To order, specify actual wall thickness (not desired sleeve length).

② "Fitting Only" consists of the following parts, malleable or ductile iron body (2 on type "WSCS"). Sealing ring(s) and oversize sleeve.

③ "Sealing Assembly" consists of the following parts: pressure clamp, hex head cap screws, pressure rings and sealing grommet. The type "WSCS" is furnished with two sealing assemblies.

Clamp, hex head cap screws, pressure rings and sealing grommet. The type "WSCS" is furnished with two sealing assemblies.

Fitting similar to those shown above are available for use with cable in asbestos cement duct. Fibre, plastic or unthreaded steel conduit. Refer to factory.

④ If a single alternating current conductor is used, a non-ferrous fitting must be specified. Refer to factory.

⑤ Fittings can be furnished for more than four wires or for wires of varying sizes.

# Thru Wall Floor Seals

## Controlled Environment Vault Cable Seal

For Cable Penetrations of Underground Vaults

NEC/CEC:  
Rated for Ordinary Locations

### Applications

- To seal cable penetration of controlled environment vaults.
- For use as a future use fitting.

### Features:

- Cast iron durability.
- Integral water barrier.
- Seals tightened with standard 3/4" wrench.
- Easy, craft friendly installation.
- Hub with NPT thread.
- Withstands 50 ft. head of water pressure without leakage.
- Fitting seal always accessible for retightening.

### Standard Materials

- Sealing grommet - low compression modulus neoprene
- Hex head bolts: zinc plated steel
- Pressure discs: steel

### Standard Finishes

- Pressure discs - PVC coated

### Options

- Pressure Discs - stainless steel PVC coated
- Bolts - galvanized or stainless steel
- Sealing grommet available for multiple cables of varying sizes

### Cable Sealing Assembly Consists of

- Two pressure discs drilled to size
- One sealing grommet to fit cable O.D.

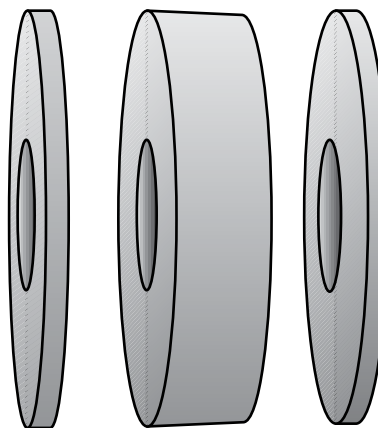
#### TO ORDER SPECIFY:

1. Catalog Number
2. Number of Cables
3. Maximum Diameter of Individual Cables
4. Optional Material, if required

### Grommet Characteristics

- Neoprene sealing grommets are molded or drilled to accommodate cable outside diameters.
- The Neoprene is specifically compounded for the following very desirable operating characteristics:
  - Low compression modulus (the ability of the neoprene to flow with low-tightening force)
  - Very low compression set (maintain seal over extended period without having to retighten)
  - Anti-oxidant (resistance to weathering and ozone attack)
  - Low crystallization (suitable for use at low temperatures)
  - Fire retardant (will not support combustion)
- An expected life in excess of 20 years

**WARNING:** Blank fittings are intended as abandonment and future use devices.  
DO NOT FIELD DRILL.



Cable Sealing Assembly

Max. Diameter of Cable Permitted – Millimeters (Inches)					
1 Cable	2 Cables	3 Cables	4 Cables	Max. Dia.	Catalog Number
88.90 (3.50)	36.32 (1.43)	33.27 (1.31)	28.70 (1.13)	115.82 (4.56)	FSCS-45-CEV
114.30 (4.50)	49.02 (1.93)	44.45 (1.75)	38.10 (1.50)	139.70 (5.50)	FSCS-55-CEV

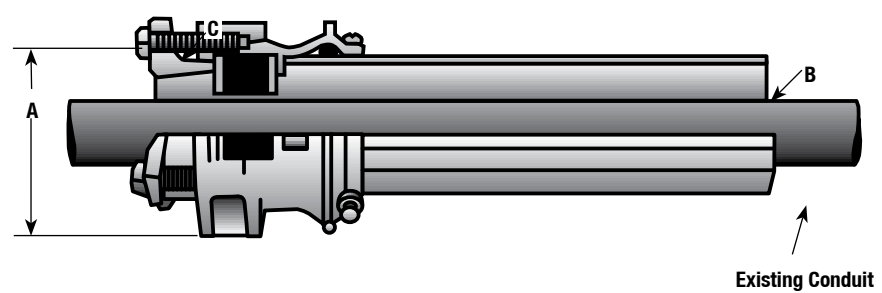
# Thru Wall Floor Seals

For Sealing Around a Conduit Pipe or Tube Passing through a Wall or Floor

**NEC/CEC:**  
Rated for Ordinary Locations

Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		Wall Thickness Range		Catalog Number					
Nom. I.D.	O.D.	Nom. I.D.	O.D.	Nom. I.D.	O.D.	Min.	Max.	A Max. Dia.	B Oversize Sleeve Size Nom. I.D.	C No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only	Sealing Assembly Only
				9.65 (0.38)	12.70 (0.50)						FSK-10-68		FSK-68-25
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)								
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	95.25 (3.75)	355.60 (14.00)	120.65 (4.75)	50.80 (2.00)	50.80 (2.00)	FSK-10-88	FSK-1020	FSK-88-25
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)						FSK-10-113		FSK-113-25
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)						FSK-10-138		FSK-138-25
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.40 (1.63)	106.43 (4.19)	355.60 (14.00)	146.05 (5.75)	76.20 (3.00)	76.20 (3.00)	FSK-20-166		FSK-166-35
38.10 (1.50)	48.26 (1.9)			44.45 (1.75)	47.75 (1.88)						FSK-20-193		FSK-193-35
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)						FSK-20-213		FSK-213-35
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)						FSK-20-250		FSK-250-35
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.80 (2.63)	111.25 (4.38)	355.60 (14.00)	171.45 (6.75)	101.60 (4.00)	101.60 (4.00)	FSK-30-263		FSK-263-45
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)								FSK-30-288		FSK-288-45
	76.20 (3.00)										FSK-30-313		FSK-313-45
76.20 (3.00)	88.90 (3.50)										FSK-30-350		FSK-350-45
		76.20 (3.00)	92.96 (3.66)			117.60 (4.63)	355.60 (14.00)	200.15 (7.88)	127.00 (5.00)	101.60 (4.00)	FSK-40-366		FSK-366-55
		76.20 (3.00)	96.52 (3.80)								FSK-40-380		FSK-380-55
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)								FSK-40-410		FSK-410-55
101.60 (4.00)	114.30 (4.50)										FSK-40-450		FSK-450-55
		101.60 (4.00)	121.92 (4.80)			127.00 (5.00)	355.60 (14.00)	260.35 (10.25)	177.80 (7.00)	152.40 (6.00)	FSK-60-480		FSK-480-80
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)								FSK-60-506		FSK-506-80
	133.35 (5.25)										FSK-60-530		FSK-530-80
	139.70 (5.50)												
	141.22 (5.56)												
	152.40 (6.00)										FSK-60-610		FSK-610-80
	165.10 (6.50)												
	168.40 (6.63)												
		152.40 (6.00)	175.26 (6.90)			139.70 (5.50)	609.60 (24.00)	374.65 (14.75)	304.80 (12.00)	203.20 (8.00)	FSK-100-173		FSK-713-120
	203.20 (8.00)										FSK-100-813		FSK-813-120
203.20 (8.00)	219.20 (8.63)										FSK-100-863		FSK-863-120
		203.20 (8.00)	229.87 (9.05)								FSK-100-913	FSK-100120	FSK-913-120
		203.20 (8.00)	236.22 (9.30)								FSK-100-943		FSK-943-120
	254.00 (10.00)										FSK-100-1000		FSK-1000-120
254.00 (10.00)	273.05 (10.75)										FSK-100-1075		FSK-1075-120
		254.00 (10.00)	281.94 (11.10)			146.05 (5.75)	609.60 (24.00)	460.50 (18.13)	406.40 (16.00)	254.00 (10.00)	FSK-140-1113		FSK-1113-160
		254.00 (10.00)	289.56 (11.40)								FSK-140-1150		FSK-1150-160
	304.80 (12.00)										FSK-140-1200		FSK-1200-160
304.80 (12.00)	323.85 (12.75)										FSK-140-1275	FSK-140160	FSK-1275-160
		304.80 (12.00)	335.28 (13.20)								FSK-140-1331		FSK-1331-160
		304.80 (12.00)	342.90 (13.50)								FSK-140-1350		FSK-1350-160
	355.60 (14.00)										FSK-140-1413		FSK-1413-160

- Order of Assembly:**
1. Body and oversize sleeve as a unit is mounted to concrete forms
  2. Pour concrete
  3. Remove Forms, pass conduit through fitting and install sealing assembly parts



Type FSK

OZGEDNEY  
COMMERCIAL AND INDUSTRIAL FITTINGS, RIGID AND IMC CONDUIT FITTINGS

# Thru Wall Floor Seals

For Sealing Around Conduit Passing through a Wall or Floor

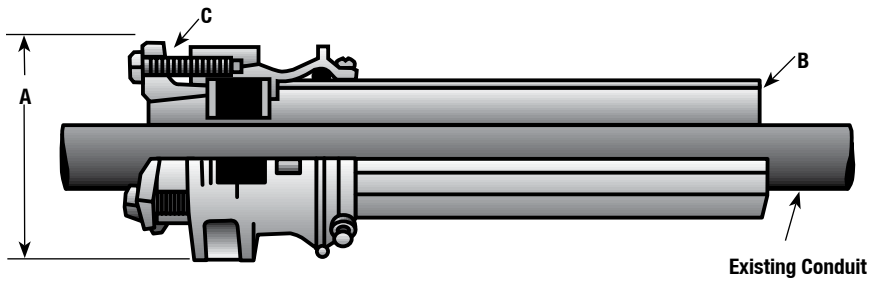
NEC/CEC:  
Rated for Ordinary Locations

Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		Wall Thickness Range		Catalog Number					
Nom. I.D.	O.D.	Nom. I.D.	O.D.	Nom. I.D.	O.D.	Min.	Max.	A Max. Dia.	B Oversize Sleeve Size Nom. I.D.	C No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only	Sealing Assembly Only
				9.65 (0.38)	12.70 (0.50)						WSK-10-68		WSK-68-25
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)								
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	190.50 (7.50)	406.40 (16.00)	120.65 (4.75)	50.80 (2.00)	50.80 (2.00)	WSK-10-88	WSK-1020	WSK-88-25
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)						WSK-10-113		WSK-113-25
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)						WSK-10-138		WSK-138-25
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.40 (1.63)						WSK-20-166		WSK-166-35
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)						WSK-20-193		WSK-193-35
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)						WSK-20-213		WSK-213-35
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)						WSK-20-250		WSK-250-35
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.80 (2.63)						WSK-30-263		WSK-263-45
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)								WSK-30-288		WSK-288-45
	76.20 (3.00)										WSK-30-313		WSK-313-45
76.20 (3.00)	88.90 (3.50)										WSK-30-350		WSK-350-45
		76.20 (3.00)	92.96 (3.66)								WSK-40-366		WSK-366-55
		76.20 (3.00)	96.52 (3.80)								WSK-40-380		WSK-380-55
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)								WSK-40-410		WSK-410-55
101.60 (4.00)	114.30 (4.50)										WSK-40-450		WSK-450-55
		101.60 (4.00)	121.92 (4.80)								WSK-60-480		WSK-480-80
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)								WSK-60-506		WSK-506-80
	133.35 (5.25)										WSK-60-530		WSK-530-80
	139.70 (5.50)												
	141.22 (5.56)												
	152.40 (6.00)												
	165.10 (6.50)										WSK-60-610		WSK-610-80
	168.40 (6.63)												
	177.80 (7.00)	152.40 (6.00)	175.26 (6.90)								WSK-100-173		WSK-713-120
	203.20 (8.00)										WSK-100-813		WSK-813-120
203.20 (8.00)	219.20 (8.63)										WSK-100-863		WSK-863-120
		203.20 (8.00)	229.87 (9.05)			279.40 (11.00)	685.80 (27.00)	374.65 (14.75)	304.80 (12.00)	203.20 (8.00)	WSK-100-913	WSK-100120	WSK-913-120
		203.20 (8.00)	236.22 (9.3)								WSK-100-943		WSK-943-120
	254.00 (10.00)										WSK-100-1000		WSK-1000-120
254.00 (10.00)	273.05 (10.75)										WSK-100-1075		WSK-1075-120
		254.00 (10.00)	281.94 (11.10)								WSK-140-1113		WSK-1113-160
		254.00 (10.00)	289.56 (11.40)								WSK-140-1150		WSK-1150-160
	304.80 (12.00)										WSK-140-1200		WSK-1200-160
304.80 (12.00)	323.85 (12.75)					292.10 (11.50)	685.80 (27.00)	460.50 (18.13)	406.40 (16.00)	254.00 (10.00)	WSK-140-1275	WSK-140160	WSK-1275-160
		304.80 (12.00)	335.28 (13.20)								WSK-140-1331		WSK-1331-160
		304.80 (12.00)	342.90 (13.50)								WSK-140-1350		WSK-1350-160
	355.60 (14.00)										WSK-140-1413		WSK-1413-160

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

- Order of Assembly:**
1. Body and oversize sleeve as a unit is mounted to concrete forms
  2. Pour concrete
  3. Remove Forms, pass conduit through fitting and install sealing assembly parts



Type FSK

# NEER™ Zinc Bushed Conduit Nipples

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Use through knockout to connect box to conduit coupling.
- Use with a locknut to connect two boxes side by side or back to back.
- Use with a locknut to connect fixture housings to continuous runs.

## Features

- Male hub threads — NPS.
- Available with insulated throat.

## Material/Finish

- Zinc diecast

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18
- CSA Certified: 065178
- NEMA: FB-1



CNI-100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		
	Maximum Diameter	Body Length	Catalog Number
1/2	23.9 (0.94)	15.0 (0.59)	<b>CNN-100</b>
3/4	30.2 (1.19)	18.3 (0.72)	<b>CNN-200</b>
1	35.1 (1.38)	21.6 (0.85)	<b>CNN-300</b>
1-1/4	44.2 (1.74)	22.1 (0.87)	<b>CNN-400</b>
1-1/2	53.8 (2.12)	22.9 (0.90)	<b>CNN-500</b>
2	64.8 (2.55)	29.2 (1.15)	<b>CNN-600</b>
2-1/2	81.5 (3.21)	36.3 (1.43)	<b>CNN-700</b>
3	96.5 (3.80)	36.3 (1.43)	<b>CNN-800</b>
3-1/2	108.5 (4.27)	36.3 (1.43)	<b>CNN-900</b>
4	121.7 (4.79)	36.3 (1.43)	<b>CNN-1000</b>

Trade Size (Inches)	Dimensions in Millimeters (Inches)		
	Maximum Diameter	Body Length	Catalog Number
1/2	23.9 (0.94)	17.0 (0.67)	<b>CNI-100</b>
3/4	30.2 (1.19)	20.3 (0.80)	<b>CNI-200</b>
1	35.1 (1.38)	23.6 (0.93)	<b>CNI-300</b>
1-1/4	44.2 (1.74)	24.1 (0.95)	<b>CNI-400</b>
1-1/2	53.8 (2.12)	24.9 (0.98)	<b>CNI-500</b>
2	64.8 (2.55)	31.2 (1.23)	<b>CNI-600</b>

# NEER™ Zinc Offset Nipples and Three Piece Couplings

NEC/CEC:  
Listed for Ordinary Locations

NEC:  
Listed for Ordinary Locations

## RN: 3/4" Offset

### Applications

- To provide an offset connection between two outlet boxes or enclosures.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 70872
- NEMA: FB-1



RN-50

## TPC: Three Piece

### Applications

- Provides threaded coupling between lengths of rigid conduit and IMC conduit elbows, where neither can be rotated.

### Material/Finish

- Malleable iron/zinc plated

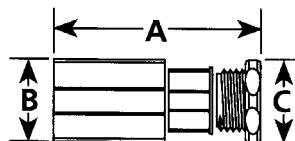
### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E163167
- NEMA: FB-1



TPC - 50

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Body Length	Maximum Diameter		
1/2	62.2 (2.45)	23.9 (0.94)		<b>RN-50</b>
3/4	66.0 (2.60)	29.2 (1.15)		<b>RN-75</b>
1	70.1 (2.76)	35.6 (1.40)		<b>RN-100</b>
1-1/4	73.7 (2.90)	46.7 (1.84)		<b>RN-125</b>
1-1/2	77.5 (3.05)	52.3 (2.06)		<b>RN-150</b>
2	82.0 (3.23)	67.6 (2.66)		<b>RN-200</b>

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	34.5 (1.36)	33.0 (1.30)	30.5 (1.20)	<b>TPC-50</b>
3/4	41.4 (1.63)	39.9 (1.57)	33.0 (1.30)	<b>TPC-75</b>
1	43.2 (1.70)	54.1 (2.13)	47.8 (1.88)	<b>TPC-100</b>
1-1/4	53.8 (2.12)	62.0 (2.44)	54.4 (2.14)	<b>TPC-125</b>
1-1/2	50.8 (2.00)	73.4 (2.89)	66.3 (2.61)	<b>TPC-150</b>
2	60.5 (2.38)	86.6 (3.41)	79.5 (3.13)	<b>TPC-200</b>
2 - 1/2	64.5 (2.54)	102.4 (4.03)	99.3 (3.91)	<b>TPC-250</b>
3	65.0 (2.56)	16.8 (4.60)	110.7 (4.36)	<b>TPC-300</b>
3 - 1/2	64.5 (2.54)	17.1 (4.61)	111.0 (4.37)	<b>TPC-350</b>
4	100.1 (3.94)	42.5 (5.61)	129.5 (5.10)	<b>TPC-400</b>

# NEER™ Zinc Pulling Ells

Threaded for Rigid Conduit and IMC

**NEC/CEC:**  
Listed for Ordinary Locations

## HL: 90° Female/Female Pulling Ells

### Applications

- Threaded 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of threaded rigid conduit or IMC.

### Features

- Raintight (wet locations).
- The removable cover gives ample access so that wire pulling can be achieved without any obstructions.

### Standard Material

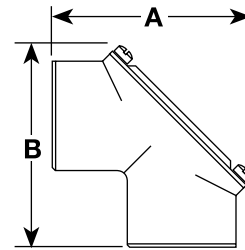
- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	53.3 (2.10)	53.3 (2.10)	HL-500
3/4	58.2 (2.29)	58.2 (2.29)	HL-750

# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:  
Listed for Ordinary Locations

## Applications

- Beam clamp: provides support for conduit hanging systems.
- Two-Hole Straps: used to support rigid metal conduit and IMC.
- Clamp Backs: provide spacing from mounting surface when used with pipe clamps.

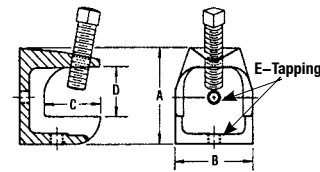
## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

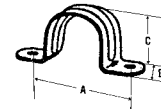
## Material/Finish

- Beam clamps: malleable iron/hot dip galvanized
- Straps: steel/zinc electroplate

Dimensions in Millimeters (Inches)					Weight per 100 (lbs)	Appleton™ Catalog Number
A	B	C	D	E		
<b>Beam Clamps — Malleable Iron — Hot Dipped Galvanized</b>						
41.4 (1.63)	25.4 (1.00)	22.4 (0.88)	23.9 (0.94)	20.00/508.0 (0.25/6.4)	9.98 (22.0)	<b>BH-500</b> ①
41.4 (1.63)	25.4 (1.00)	22.4 (0.88)	23.9 (0.94)	24.00/609.6 (10.00/254.0)	9.75 (21.5)	<b>BH-500-10</b>
46.0 (1.81)	38.1 (1.50)	28.7 (1.13)	23.9 (0.94)	18.00/457.2 (0.31/7.9)	20.41 (45.00)	<b>BH-501</b> ①
52.3 (2.06)	50.8 (2.00)	35.1 (1.38)	25.4 (1.00)	16.00/406.4 (0.38/9.7)	37.65 (83.00)	<b>BH-502</b> ①
57.2 (2.25)	66.8 (2.63)	42.9 (1.69)	28.7 (1.13)	13.00/330.2 (0.50/12.7)	68.95 (152.00)	<b>BH-503</b> ①



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Hole Diameter	Weight per 100 (lbs)	Appleton™ Catalog Number
	A	B	C			
<b>2-Hole Straps — Steel/Zinc Electroplate</b>						
1/4	31.8 (1.25)	16.0 (0.63)	16.0 (0.63)	4.8 (0.19)	0.73 (1.60)	<b>CF-250</b>
3/8	38.1 (1.50)	16.0 (0.63)	19.1 (0.75)	4.8 (0.19)	0.54 (1.20)	<b>CF-375</b>
1/2	40.4 (1.59)	16.0 (0.63)	23.1 (0.91)	4.8 (0.19)	0.64 (1.40)	<b>CF-500</b>
3/4	53.1 (2.09)	16.0 (0.63)	26.9 (1.06)	4.8 (0.19)	0.73 (1.60)	<b>CF-750</b>
1	62.0 (2.44)	19.1 (0.75)	35.1 (1.38)	4.8 (0.19)	1.59 (3.50)	<b>CF-100</b>
1-1/4	67.6 (2.66)	19.1 (0.75)	44.5 (1.75)	6.3 (0.25)	1.81 (4.00)	<b>CF-125</b>
1-1/2	91.2 (3.59)	25.4 (1.00)	50.8 (2.00)	6.3 (0.25)	4.08 (9.00)	<b>CF-150</b>
2	03.1 (4.06)	31.8 (1.25)	63.5 (2.50)	6.3 (0.25)	5.44 (12.00)	<b>CF-200</b>
2-1/2	11.3 (4.38)	25.4 (1.00)	71.4 (2.81)	6.9 (0.27)	2.59 (5.70)	<b>CF-250H</b>
3	27.0 (5.00)	25.4 (1.00)	85.9 (3.38)	6.9 (0.27)	3.63 (8.00)	<b>CF-300H</b>
3-1/2	58.8 (6.25)	25.4 (1.00)	98.6 (3.88)	8.4 (0.33)	3.95 (8.70)	<b>CF-350H</b>
4	77.8 (7.00)	31.8 (1.25)	111.3 (4.38)	7.1 (0.28)	4.26 (9.40)	<b>CF-400H</b>



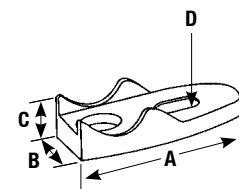
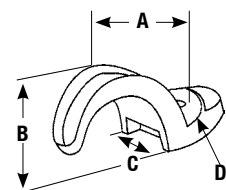


# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

**CEC:**  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Recommended Bolt Diameter D	Weight per 100 (lbs)	Catalog Number
	A	B	C			
<b>One-Hole Clamps — Malleable Iron — Hot Dipped Galvanized</b>						
1/2	25.4 (1.00)	19.1 (0.75)	16.0 (0.63)	6.4 (0.25)	2.72 (6.00)	<b>CL-50MN</b>
3/4	30.2 (1.19)	31.0 (1.22)	19.1 (0.75)	6.4 (0.25)	3.63 (8.00)	<b>CL-75MN</b>
1	35.1 (1.38)	38.1 (1.50)	22.4 (0.88)	6.4 (0.25)	6.35 (14.00)	<b>CL-100MN</b>
1-1/4	41.4 (1.63)	46.0 (1.81)	22.4 (0.88)	9.7 (0.38)	9.53 (21.00)	<b>CL-125MN</b>
1-1/2	46.0 (1.81)	54.1 (2.13)	23.9 (0.94)	9.7 (0.38)	12.25 (27.00)	<b>CL-150MN</b>
2	58.7 (2.31)	66.8 (2.63)	26.9 (1.06)	12.7 (0.50)	21.77 (48.00)	<b>CL-200MN</b>
2-1/2	65.0 (2.56)	76.2 (3.00)	33.3 (1.31)	12.7 (0.50)	32.21 (71.00)	<b>CL-250MN</b>
3	81.0 (3.19)	96.8 (3.81)	38.1 (1.50)	12.7 (0.50)	48.53 (107.00)	<b>CL-300MN</b>
3-1/2	85.9 (3.38)	112.8 (4.44)	42.9 (1.69)	16.0 (0.63)	78.02 (172.00)	<b>CL-350MN</b>
4	95.3 (3.75)	127.0 (5.00)	49.3 (1.94)	16.0 (0.63)	120.66 (266.00)	<b>CL-400MN</b>
5	120.7 (4.75)	165.1 (6.50)	63.5 (2.50)	16.0 (0.63)	196.41 (433.00)	<b>CL-500MN</b> ①
6	143.0 (5.63)	190.5 (7.50)	69.9 (2.75)	25.4 (1.00)	281.23 (620.00)	<b>CL-600MN</b> ①
<b>Clamp Backs — Malleable Iron — Hot Dipped Galvanized</b>						
1/2	62.0 (2.44)	26.9 (1.06)	11.2 (0.44)	6.4 (0.25)	4.08 (9.00)	<b>CLB-50MN</b>
3/4	63.5 (2.50)	28.7 (1.13)	12.7 (0.50)	6.4 (0.25)	5.00 (11.00)	<b>CLB-75MN</b>
1	81.0 (3.19)	33.3 (1.31)	14.2 (0.56)	6.4 (0.25)	8.16 (18.00)	<b>CLB-100MN</b>
1-1/4	93.7 (3.69)	36.6 (1.44)	19.1 (0.75)	9.7 (0.38)	10.89 (24.00)	<b>CLB-125MN</b>
1-1/2	100.1 (3.94)	39.6 (1.56)	20.6 (0.81)	9.7 (0.38)	14.51 (32.00)	<b>CLB-150MN</b>
2	130.3 (5.13)	50.8 (2.00)	19.1 (0.75)	12.7 (0.50)	24.49 (54.00)	<b>CLB-200MN</b>
2-1/2	146.1 (5.75)	63.5 (2.50)	19.1 (0.75)	12.7 (0.50)	32.21 (71.00)	<b>CLB-250MN</b>
3	181.1 (7.13)	71.4 (2.81)	20.6 (0.81)	12.7 (0.50)	47.17 (104.00)	<b>CLB-300MN</b>
3-1/2	203.2 (8.00)	82.6 (3.25)	25.4 (1.00)	16.0 (0.63)	72.12 (159.00)	<b>CLB-350MN</b>
4	222.3 (8.75)	87.4 (3.44)	25.4 (1.00)	16.0 (0.63)	83.01 (183.00)	<b>CLB-400MN</b>
5	255.5 (10.06)	95.3 (3.75)	31.8 (1.25)	16.0 (0.63)	148.78 (328.00)	<b>CLB-500MN</b> ①
6	300.0 (11.81)	100.1 (3.94)	38.1 (1.50)	25.4 (1.00)	216.82 (478.00)	<b>CLB-600MN</b> ①






① Not CSA Certified.

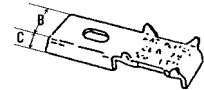
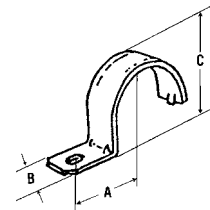
# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Appleton

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Hole Diameter	Weight per 100 (lbs)	Catalog Number
		A	B	C			
<b>Combination Clamp and Clamp Backs – Steel/Zinc Electroplate</b>							
	1/2	—	—	—	—	2.27 (5.00)	<b>CL-50CB</b>
	3/4	—	—	—	—	2.27 (5.00)	<b>CL-75CB</b>
	1	—	—	—	—	2.72 (6.00)	<b>CL-100CB</b>
<b>Combination Clamp and Clamp Backs – Steel/Zinc Electroplate</b>							
	1/4	16.0 (0.63)	11.9 (0.47)	15.0 (0.59)	6.3 (0.25)	0.77 (1.70)	<b>CL-25</b>
	3/8	20.6 (0.81)	16.0 (0.63)	17.5 (0.69)	7.1 (0.28)	1.18 (2.60)	<b>CL-38</b>
	1/2	25.4 (1.00)	19.1 (0.75)	23.9 (0.94)	7.1 (0.28)	2.27 (5.00)	<b>CL-50</b>
	3/4	29.5 (1.16)	19.1 (0.75)	28.7 (1.13)	7.1 (0.28)	2.68 (5.90)	<b>CL-75</b>
	1	34.0 (1.34)	22.4 (0.88)	36.6 (1.44)	8.6 (0.34)	5.53 (12.20)	<b>CL-100</b>
	1-1/4	42.9 (1.69)	25.4 (1.00)	45.2 (1.78)	10.4 (0.41)	8.62 (19.00)	<b>CL-125</b>
	1-1/2	49.3 (1.94)	28.7 (1.13)	50.8 (2.00)	10.4 (0.41)	11.34 (25.00)	<b>CL-150</b>
	2	59.4 (2.34)	30.2 (1.19)	64.3 (2.53)	11.9 (0.47)	17.24 (38.00)	<b>CL-200</b>
	2-1/2	71.4 (2.81)	31.8 (1.25)	77.0 (3.03)	14.2 (0.56)	34.47 (76.00)	<b>CL-250</b>
	3	84.1 (3.31)	31.8 (1.25)	93.0 (3.66)	14.2 (0.56)	42.18 (93.00)	<b>CL-300</b>
	3-1/2	87.4 (3.44)	38.1 (1.50)	105.7 (4.16)	17.5 (0.69)	55.79 (123.00)	<b>CL-350</b>
	4	96.0 (3.78)	38.1 (1.50)	118.4 (4.66)	17.5 (0.69)	63.50 (140.00)	<b>CL-400</b>
<b>Clamp Backs – Steel – Can be used with EMT</b>							
	1/2	52.3 (2.06)	22.4 (0.88)	6.4 (0.25)	-	2.27 (5.00)	<b>CLB-50</b>
	3/4	63.5 (2.50)	25.4 (1.00)	6.4 (0.25)	-	3.18 (7.00)	<b>CLB-75</b>
	1	68.3 (2.69)	28.7 (1.13)	6.4 (0.25)	-	3.90 (8.60)	<b>CLB-100</b>



# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

**CEC:**  
Listed for Ordinary Locations

**CEC:**  
Listed for Ordinary Locations

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Listed for Ordinary Locations

## Type 14-S

### Application

- To support Rigid Conduit and IMC.

### Features

- Snap type - double ribbed

### Standard Materials

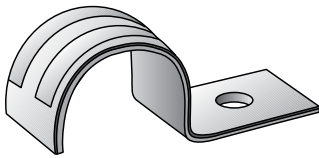
- Steel

### Standard Finishes

- Zinc plated

### CEC Certifications and Compliances

- Fed. Spec: FF-S-760



Type 14-S

## Type THR

### Application

- To support Rigid Conduit and IMC.

### Features

- Snap type - double ribbed

### Standard Materials

- Steel

### Standard Finishes

- Zinc plated

### CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.3
- CSA Certified: 104691
- Fed. Spec: FF-S-760



Type THR

## Type 14-G

### Application

- To support Rigid Conduit and IMC.

### Standard Materials

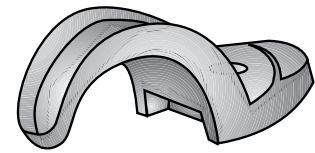
- Malleable iron

### Standard Finishes

- Hot dipped galvanized

### CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795
- Fed. Spec: FF-S-760



Type 14-G

# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

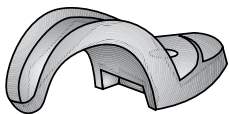
Dimensions in Millimeters (Inches)						
Trade Size (Inches)	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number	
<b>Type 14-S</b>						
1/2	54.1 (2.13)	17.5 (0.69)	19.1 (0.75)	0.25	14-50S	
3/4	65.0 (2.56)	23.9 (0.94)	19.1 (0.75)	0.25	14-75S	
1	69.9 (2.75)	23.9 (0.94)	19.1 (0.75)	0.25	14-100S	
1-1/4	88.9 (3.5)	41.4 (1.63)	25.4 (1.00)	0.31	14-125S	
1-1/2	98.6 (3.88)	46.0 (1.81)	28.7 (1.13)	0.38	14-150S	
2	111.3 (4.38)	54.1 (2.13)	31.8 (1.25)	0.38	14-200S	
2-1/2	157.2 (6.19)	66.8 (2.63)	31.8 (1.25)	0.50	14-250S	
3	171.5 (6.75)	76.2 (3.00)	31.8 (1.25)	0.50	14-300S	
3-1/2	193.8 (7.63)	90.4 (3.56)	38.1 (1.50)	0.63	14-350S	
4	206.5 (8.13)	101.6 (4.00)	38.1 (1.50)	0.63	14-400S	



Dimensions in Millimeters (Inches)						
Trade Size (Inches)	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number	
<b>Type THR</b>						
1/2	44.5 (1.75)	57.2 (2.25)	16.0 (0.63)	4.8 (0.19)	THR-50S	
3/4	46.7 (1.84)	58.7 (2.31)	19.1 (0.75)	4.8 (0.19)	THR-75S	
1	58.7 (2.31)	74.7 (2.94)	18.3 (0.72)	6.4 (0.25)	THR-100S	
1-1/4	74.7 (2.94)	92.2 (3.63)	18.3 (0.72)	6.4 (0.25)	THR-125S	
1-1/2	80.3 (3.16)	100.1 (3.94)	18.3 (0.72)	6.4 (0.25)	THR-150S	
2	108.0 (4.25)	127.0 (5.00)	18.3 (0.72)	6.4 (0.25)	THR-200S	
2-1/2	119.1 (4.69)	145.3 (5.72)	25.4 (1.00)	7.9 (0.31)	THR-250S	
3	144.5 (5.69)	171.5 (6.75)	25.4 (1.00)	7.9 (0.31)	THR-300S	
3-1/2	160.3 (6.31)	185.7 (7.31)	25.4 (1.00)	7.9 (0.31)	THR-350S	
4	173.7 (6.84)	198.4 (7.81)	25.4 (1.00)	7.9 (0.31)	THR-400S	



Dimensions in Millimeters (Inches)						
Conduit Size Inches	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number	
<b>Type 14-G</b>						
1/8	49.3 (1.94)	12.7 (0.50)	12.7 (0.50)	#10	14-18G	
1/4	40.4 (1.59)	15.0 (0.59)	16.0 (0.63)	6.4 (0.25)	14-25G	
3/8	44.5 (1.75)	16.0 (0.63)	19.1 (0.75)	6.4 (0.25)	14-38G	
1/2	57.2 (2.25)	16.8 (0.66)	23.9 (0.94)	6.4 (0.25)	14-50G	
3/4	65.0 (2.56)	19.1 (0.75)	31.0 (1.22)	6.4 (0.25)	14-75G	
1	77.7 (3.06)	20.6 (0.81)	38.1 (1.50)	6.4 (0.25)	14-100G	
1-1/4	93.7 (3.69)	22.4 (0.88)	47.8 (1.88)	9.7 (0.38)	14-125G	
1-1/2	98.3 (3.87)	25.4 (1.00)	54.1 (2.13)	9.7 (0.38)	14-150G	
2	128.5 (5.06)	28.7 (1.13)	65.0 (2.56)	12.7 (0.50)	14-200G	
2-1/2	150.9 (5.94)	35.1 (1.38)	77.7 (3.06)	12.7 (0.50)	14-250G	
3	189.0 (7.44)	41.4 (1.63)	77.7 (3.06)	12.7 (0.50)	14-300G	
3-1/2	208.0 (8.19)	46.0 (1.81)	111.3 (4.38)	16.0 (0.63)	14-350G	
4	220.7 (8.69)	50.8 (2.00)	127.0 (5.00)	16.0 (0.63)	14-400G	
5	277.9 (10.94)	69.9 (2.75)	165.1 (6.50)	16.0 (0.63)	14-500G	
6	317.5 (12.5)	79.5 (3.13)	190.5 (7.50)	25.4 (1.00)	14-600G	



# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

**CEC:**  
Listed for Ordinary Locations

## Application

- Provides spacing from mounting surface when used with malleable iron pipe straps.

## Standard Materials

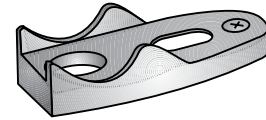
- Malleable iron

## Standard Finishes

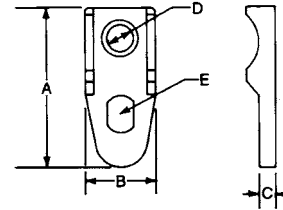
- Hot dip galvanized

## NEC/CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 009795



Clamp Back



Trade Size (Inches)	Dimensions in Millimeters (Inches)					Catalog Number
	A	B	C	D	E	
1/2	36.58 (1.44)	17.53 (0.69)	6.35 (0.25)	9.65 (0.38)	9.65 (0.38) x 12.7 (0.50)	141G
3/4	63.50 (2.50)	28.70 (1.13)	6.35 (0.25)	9.65 (0.38)	14.22 (0.56) x 11.18 (0.44)	142G
1	81.03 (3.19)	23.88 (0.94)	7.87 (0.31)	9.65 (0.38)	14.22 (0.56) x 11.18 (0.44)	143G
1-1/4	93.73 (3.69)	36.58 (1.44)	7.87 (0.31)	12.70 (0.50)	14.22 (0.56) x 13.46 (0.53)	144G
1-1/2	100.08 (3.94)	38.10 (1.50)	7.87 (0.31)	14.22 (0.56)	15.00 (0.59) x 18.29 (0.72)	145G
2	130.3 (5.13)	50.80 (2.00)	9.65 (0.38)	14.22 (0.56)	16.00 (0.63) x 20.57 (0.81)	146G
2-1/2	146.05 (5.75)	63.50 (2.50)	9.65 (0.38)	0.76 (0.03)	16.00 (0.63) x 28.7 (1.13)	147G
3	181.10 (7.13)	71.37 (2.81)	9.65 (0.38)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	148G
3-1/2	203.20 (8.00)	81.79 (3.22)	11.18 (0.44)	11.94 (0.47)	17.53 (0.69) x 34.04 (1.34)	149G
4	222.25 (8.75)	87.38 (3.44)	9.65 (0.38)	11.94 (0.47)	18.29 (0.72) x 32.51 (1.28)	150G
5	255.52 (10.06)	93.73 (3.69)	12.70 (0.50)	13.46 (0.53)	21.34 (0.84) x 33.27 (1.31)	151G
6	152.40 (6.00)	304.80 (12.00)	100.08 (3.94)	14.22 (0.56)	31.75 (1.25) x 50.80 (2.00)	152G

# Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

NEC/CEC:  
Listed for Ordinary Locations

## Application

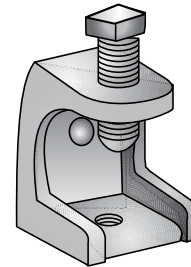
- Provide support for conduit hanging systems.

## Standard Materials

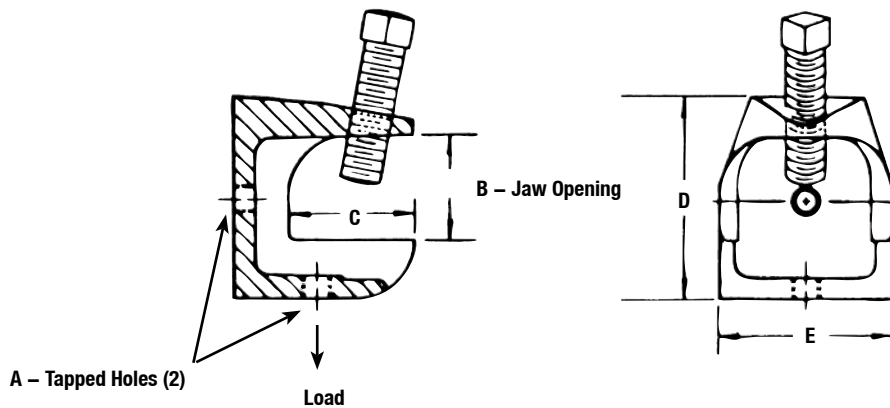
- Malleable iron clamp
- Steel screw, case hardened

## Standard Finishes

- Clamp - hot dip galvanized
- Screw - zinc electroplated



Type IS



A – Tapped Holes (2)

Load

A Tapped Holes	B Jaw Opening	Dimensions in Millimeters (Inches)			Max. Load kgs. (lbs.)	Catalog Number
		C	D	E		
1/4 - 20	23.9 (0.94)	22.4 (0.88)	41.4 (1.63)	25.4 (1.00)	152 (335)	IS-500
10 - 24	23.9 (0.94)	22.4 (0.88)	41.4 (1.63)	25.4 (1.00)	152 (335)	IS-509
5/16 - 18	23.9 (0.94)	28.7 (1.13)	46.0 (1.81)	38.1 (1.50)	238 (525)	IS-501
3/8 - 16	25.4 (1.00)	35.1 (1.38)	52.3 (2.06)	50.8 (2.00)	340 (750)	IS-502
1/2 - 13	28.7 (1.13)	42.9 (1.69)	57.2 (2.25)	66.8 (2.63)	408 (900)	IS-503

# Rigid Metal Conduit, IMC or EMT “K-Clamps”

**CEC:**  
Listed for Ordinary Locations

## Applications

- Designed to secure rigid metal conduit, IMC or EMT across, parallel or perpendicular to beam, channel and angle supports.

## Features




- Easily installs.
- Capable of withstanding heavy loads.

## Material/Finish

- Castings: malleable iron/hot dip galvanized
- Hardware: steel/mechanically galvanized

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

	Trade Size (Inches)	Weight per 100 kg (lb)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
<b>Right Angle Type — Hot Dip/Mechanically Galvanized — For Rigid, IMC, EMT</b>				
 <p>Right Angle Type</p>	1/2	16.78 (37.00)	PC-50RA	UBC-50G
	3/4	18.14 (40.00)	PC-75RA	UBC-75G
	1	19.05 (42.00)	PC-100RA	UBC-100G
	1-1/4	22.23 (49.00)	PC-125RA	UBC-125G
	1-1/2	24.49 (54.00)	PC-150RA	UBC-150G
	2	32.21 (71.00)	PC-200RA	UBC-200G
	2-1/2	43.09 (95.00)	PC-250RA	UBC-250G
	3	48.53 (107.00)	PC-300RA	UBC-300G
	3-1/2	54.43 (120.00)	PC-350RA	UBC-350G
	4	59.42 (131.00)	PC-400RA	UBC-400G
	5	72.57 (160.00)	PC-500RA ①	UBC-500G
	6	88.45 (195.00)	PC-600RA ①	UBC-600G
<b>Parallel Type — Hot Dip/Mechanically Galvanized — For Rigid, IMC, EMT</b>				
 <p>Parallel Type</p>	1/2	22.68 (50.00)	PC-50PAR	UPC-50G
	3/4	24.04 (53.00)	PC-75PAR	UPC-75G
	1	27.22 (60.00)	PC-100PAR	UPC-100G
	1-1/4	31.75 (70.00)	PC-125PAR	UPC-125G
	1-1/2	37.19 (82.00)	PC-150PAR	UPC-150G
	2	59.87 (132.00)	PC-200PAR	UPC-200G
	2-1/2	87.09 (192.00)	PC-250PAR	UPC-250G
	3	88.00 (194.00)	PC-300PAR	UPC-300G
	3-1/2	97.98 (216.00)	PC-350PAR	UPC-350G
	4	105.23 (232.00)	PC-400PAR	UPC-400G
<b>Edge Type — Hot Dip/Mechanically Galvanized — For Rigid Conduit Only</b>				
 <p>Edge Type</p>	1/2	28.58 (63.00)	PC-50ET	UEC-50G
	3/4	31.30 (69.00)	PC-75ET	UEC-75G
	1	37.19 (82.00)	PC-100ET	UEC-100G
	1-1/4	43.09 (95.00)	PC-125ET	UEC-125G
	1-1/2	49.00 (108.00)	PC-150ET	UEC-150G
	2	54.88 (121.00)	PC-200ET	UEC-200G
	2-1/2	69.40 (153.00)	PC-250ET	UEC-250G
	3	97.07 (214.00)	PC-300ET	UEC-300G

① Not CSA Certified.

# Rigid Metal Conduit, IMC or EMT “K-Clamps”

CEC:  
Listed for Ordinary Locations

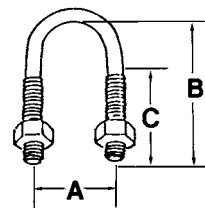
COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Appleton® OZGEDNEY™

Trade Size (Inches)	Dimensions in Millimeters (Inches)			UNC Thread Size	Weight per 100 (lbs)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
	A Bushing Diameter	B Bushing Diameter	C Turning Radius w/Lug				

## Heavy-Duty U-Bolts with Hex Nuts ① – Mechanically Galvanized – For Rigid, IMC, EMT

1/2	26.4 (1.04)	12.4 (0.49)	34.5 (1.36)	5/16-18	5.44 (12.00)	UBC-50	U-50SG
3/4	32.5 (1.28)	12.4 (0.49)	37.6 (1.48)	5/16-18	6.35 (14.00)	UBC-75	U-75SG
1	38.9 (1.53)	15.2 (0.60)	39.9 (1.57)	5/16-18	7.71 (17.00)	UBC-100	U-100SG
1-1/4	48.0 (1.89)	15.5 (0.61)	54.4 (2.14)	5/16-18	8.62 (19.00)	UBC-125	U-125SG
1-1/2	54.9 (2.16)	15.2 (0.60)	57.4 (2.26)	5/16-18	9.53 (21.00)	UBC-150	U-150SG
2	67.6 (2.66)	15.2 (0.60)	63.2 (2.49)	3/8-16	12.70 (28.00)	UBC-200	U-200SG
2 - 1/2	82.0 (3.23)	21.1 (0.83)	70.1 (2.76)	3/8-16	16.78 (37.00)	UBC-250	U-250SG
3	97.8 (3.85)	21.1 (0.83)	78.0 (3.07)	3/8-16	19.05 (42.00)	UBC-300	U-300SG
3 - 1/2	110.5 (4.35)	21.1 (0.83)	84.6 (3.33)	3/8-16	20.87 (46.00)	UBC-350	U-350SG
4	123.7 (4.87)	21.1 (0.83)	90.7 (3.57)	3/8-16	23.13 (51.00)	UBC-400	U-400SG
5	153.9 (6.06)	187.5 (7.38)	50.8 (2.00)	3/8-16	28.12 (62.00)	UBC-500	U-500SG
6	181.1 (7.13)	212.9 (8.38)	50.8 (2.00)	3/8-16	34.47 (76.00)	UBC-600	U-600SG



① Not CSA Certified.



# Rigid Metal Conduit, IMC or EMT Hang-On™ Hangers

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To secure rigid metal conduit, IMC or EMT to threaded rod, supports or direct to mounting surface.

## Features

- Available with bolt or swing bolt.

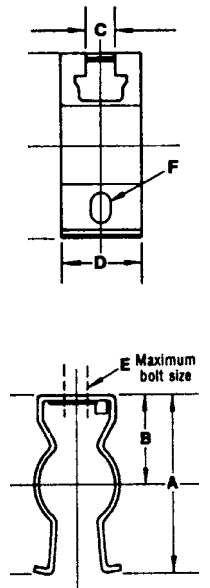
## Material/Finish

- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 2239
- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

Trade Size (Inches)	Dimensions in Millimeters (Inches)						Weight per 100 (lbs)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number	
	A	B	C	D	E	F				
<b>Hang-On™ Conduit Hangers with Bolts — Steel/Zinc Plated</b>										
1/2	47.8 (1.88)	22.4 (0.88)	7.1 (0.28)	19.1 (0.75)	6.4 (0.25)	7.1 (0.28)	2.72 (6.00)	H50WB	H-0WBS	
3/4	50.8 (2.00)	23.1 (0.91)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	3.18 (7.00)	H75WB	H-1WBS	
1	61.2 (2.41)	29.5 (1.16)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	4.08 (9.00)	H100WB	H-2WBS	
1-1/4	71.4 (2.81)	35.1 (1.38)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	4.54 (10.00)	H125WB	H-3WBS	
1-1/2	81.8 (3.22)	41.4 (1.63)	17.5 (0.69)	25.4 (1.00)	7.9 (0.31)	7.1 (0.28)	7.26 (16.00)	H150WB	H-4WBS	
2	95.3 (3.75)	47.8 (1.88)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	11.70 (25.80)	H200WB	H-5WBS	
2 - 1/2	107.2 (4.22)	54.1 (2.13)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	11.79 (26.00)	H250WB	H-6WBS	
3	124.0 (4.88)	60.5 (2.38)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	13.61 (30.00)	H300WB	H-7WBS	
3 - 1/2	136.7 (5.38)	68.3 (2.69)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	17.24 (38.00)	H350WB	H-8WBS	
4	163.6 (6.44)	76.2 (3.00)	13.5 (0.53)	44.5 (1.75)	12.7 (0.50)	13.5 (0.53)	40.82 (90.00)	H400WB	H-9WBS	



## Hang-On™ Conduit Hangers with Swing Bolts — Steel/Zinc Plated

1/2	43.7 (1.72)	22.4 (0.88)	7.1 (0.28)	19.1 (0.75)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	H50-SWB	H-0SBS	
3/4	46.7 (1.84)	23.1 (0.91)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	H75-SWB	H-1SBS	
1	59.4 (2.34)	29.5 (1.16)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	H100-SWB	H-2SBS	
1-1/4	67.6 (2.66)	35.1 (1.38)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	H125-SWB	H-3SBS	
1-1/2	77.7 (3.06)	41.4 (1.63)	8.6 (0.34)	25.4 (1.00)	7.9 (0.31)	5.1 (0.20)	2.63 (5.70)	H150-SWB	H-4SBS	
2	91.2 (3.59)	47.8 (1.88)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	5.1 (0.20)	2.6 (5.70)	H200-SWB	H-5SBS	



Ⓞ Not CSA Certified.

# Rigid Metal Conduit, IMC or EMT Pipe Hangers

NEC/CEC:  
Rated for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

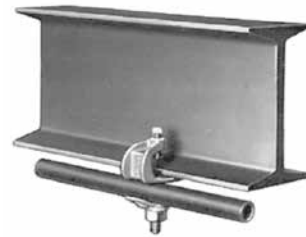
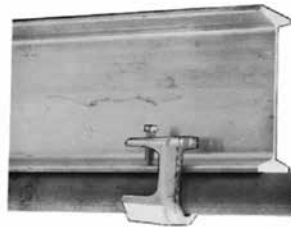
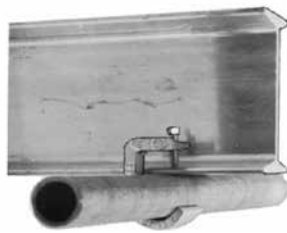
## Applications

- Unique design accommodates more sizes of conduit with fewer clamps for lower inventories.
- Suitable for Rigid, IMC and EMT.
- Suitable for conduit runs on vertical and horizontal beams.

## Material/Finish

- Malleable iron/zinc plated


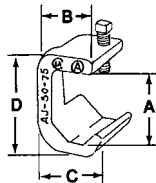
## Illustrated Features



Single line of conduit running parallel to beam using "CH" hanger.









Doubles lines of conduit running perpendicular to beam using "CHD" hanger.

	Trade Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number	
		A	B	C	D			
<b>Type AJ — For Single Line Conduit</b>								
	1/2-3/4	44.5 (1.75)	33.3 (1.31)	38.9 (1.53)	62.0 (2.44)	25.54 (56.30)	<b>AJ-50-75</b>	
	1	52.3 (2.06)	35.8 (1.41)	46.0 (1.81)	69.9 (2.75)	28.35 (62.50)	<b>AJ-100</b>	
	1-1/4—1-1/2	68.3 (2.69)	52.3 (2.06)	66.8 (2.63)	93.7 (3.69)	52.44 (115.60)	<b>AJ-125-150</b>	
	2	84.1 (3.31)	58.7 (2.31)	79.5 (3.13)	109.5 (4.31)	62.37 (137.50)	<b>AJ-200</b>	

# Rigid Metal Conduit, IMC or EMT Pipe Hangers

NEC/CEC:  
Rated for Ordinary Locations

	Rigid Size (Inches)	EMT Size (Inches)	Dimensions in Millimeters (Inches) for Conduit Opening	Weight per 100 kg (lb)	Catalog Number
<b>CH – For Single Line Conduit</b>					
	1/2 – 3/4	1/2 – 3/4 – 1	16.8 (0.66)	34.93 (77.00)	<b>CH-50S</b>
	1	1-1/4 – 1-1/2	16.8 (0.66)	43.10 (95.00)	<b>CH-125S</b>
<b>CHD – For Double Lines of Conduit</b>					
	1/2 – 3/4	1/2 – 3/4 – 1	16.8 (0.66)	36.29 (80.00)	<b>CH-50D</b>
	1	1-1/4 – 1-1/2	16.8 (0.66)	48.53 (107.00)	<b>CH-125D</b>
<b>Single Accessories</b>					
	1/2 – 3/4	1/2 – 3/4 – 1	—	5.44 (12.00)	<b>CHL-50</b>
	1	1-1/4 – 1-1/2	—	13.61 (30.00)	<b>CHL-125</b>
<b>Double Accessories</b>					
	1/2 – 3/4	1/2 – 3/4 – 1	—	7.26 (16.00)	<b>CHL-50D</b>
	1	1-1/2 – 1-1/2	—	18.60 (41.00)	<b>CHL-125D</b>
<b>CH Clamp Body</b>					
	—	Fits All Parts	16.8 (0.66)	29.48 (65.00)	<b>CH</b>
<b>3/8 Inch Guy Wire Conduit Clamp Hanger – Rigid or IMC</b>					
	1/2		—	6.80 (15.00)	<b>CH-50</b>
	3/4	For Rigid Conduit	—	6.80 (15.00)	<b>CH-75</b>
	1		—	8.16 (18.00)	<b>CH-100</b>

# Rigid Metal Conduit, IMC or EMT Pipe Hangers

CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

## Applications

- For securing Rigid Conduit, IMC, EMT and Flexible Metal Conduit.

## Standard Materials

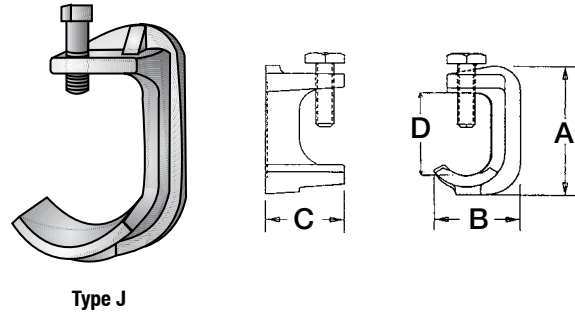
- Malleable iron
- Steel bolt

## Standard Finishes

- Mechanically galvanized

## CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Bolt Size	Catalog Number
	A	B	C	D		
1/2	65.02 (2.56)	39.62 (1.56)	35.05 (1.38)	41.40 (1.63)	7.9 x 38.1 (0.31 x 1.5)	<b>J-50G</b>
3/4	73.15 (2.88)	47.75 (1.88)	35.81 (1.41)	49.28 (1.94)	7.9 x 38.1 (0.31 x 1.5)	<b>J-75G</b>
1	88.90 (3.50)	55.63 (2.19)	44.45 (1.75)	57.15 (2.25)	7.9 x 38.1 (0.31 x 1.5)	<b>J-100G</b>
1-1/4	95.25 (3.75)	63.50 (2.50)	44.45 (1.75)	65.02 (2.56)	9.7 x 38.1 (0.38 x 1.5)	<b>J-125G</b>
1-1/2	103.12 (4.06)	73.15 (2.88)	50.80 (2.00)	71.37 (2.81)	9.7 x 38.1 (0.38 x 1.5)	<b>J-150G</b>
2	127.00 (5.00)	84.07 (3.31)	52.32 (2.06)	87.38 (3.44)	12.7 x 44.5 (0.5 x 1.75)	<b>J-200G</b>
2-1/2 -3	160.27 (6.31)	112.78 (4.44)	66.80 (2.63)	115.82 (4.56)	16.0 x 63.5 (0.63 x 2.5)	<b>J-2530G</b>
3-1/2 -4	193.80 (7.63)	138.18 (5.44)	82.55 (3.25)	146.05 (5.75)	16.0 x 63.5 (0.63 x 2.5)	<b>J-3540G</b>

# Rigid Metal Conduit, IMC or EMT Pipe Hangers

**NEC/CEC:**  
Rated for Ordinary Locations

## Applications

- For securing Rigid Conduit, IMC, and EMT. Swivel grip rotates a full 360°.

## Standard Materials

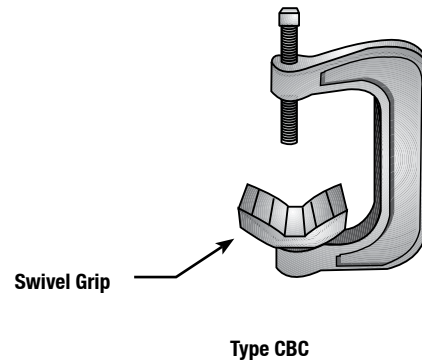
- Malleable iron
- Steel bolt

## Standard Finishes

- Zinc plated

## Options

- Mechanically galvanized. Contact your local representative for pricing, availability and minimum order quantities.



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Length	Width	
1/2 - 3/4 - 1 - 1-1/4	85.85 (3.38)	65.02 (2.56)	<b>CBC-1</b> ①
1-1/4 - 1-1/2 - 2	117.6 (4.63)	82.55 (3.25)	<b>CBC-2</b> ②

① CBC-1 maximum beam thickness of 1/4" when using 1-1/4" conduit.  
② CBC-2 maximum beam thickness of 1/8" when using 2" conduit.

# CTC Conduit Cable Tray Clamps

For Rigid Conduit, IMC and EMT.

NEC/CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

## Applications

- For connecting and grounding rigid conduit, IMC, or EMT to cable trays.
- Secures and bonds metal conduit (rigid steel or aluminum, IMC and EMT) to the side rails of steel or aluminum cable trays without drilling or welding the tray. On the 1 1/2" through 4" sizes, conduits can attach to the tray from any angle up to 120°, allowing large power or control cables to be routed easily.

## Features

- Fast Installation
- Low Product Cost
- Excellent Grounding Continuity
- Variable Conduit Entry 1 1/2" - 4" sizes
- High Mechanical Strength
- Compact Design
- Meets NEC 392.60(B)(A) Bonding Requirements

## Standard Materials

- Malleable Iron
- U-Bolts and Nuts: Steel

## Standard Finishes

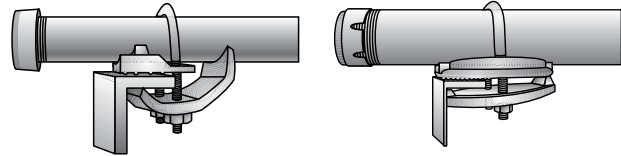
- Mechanically Galvanized

## Options

- PVC coating available on select aluminum bodies and covers. Add suffix **-PVC** to catalog number.

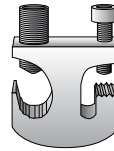
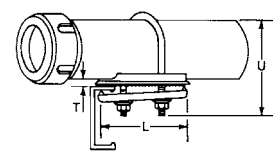
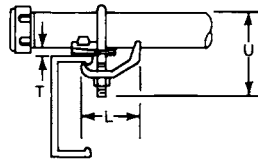
## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18.
- CSA Certified: 009795 for rigid and EMT only



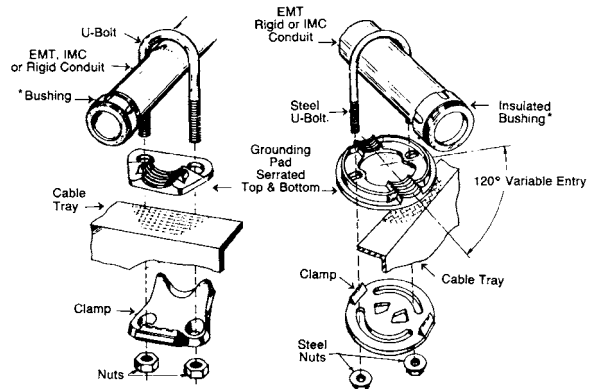
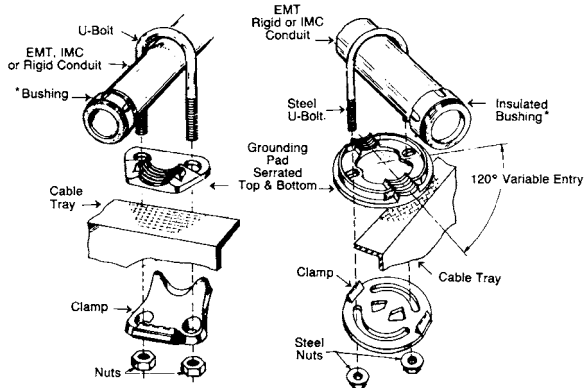
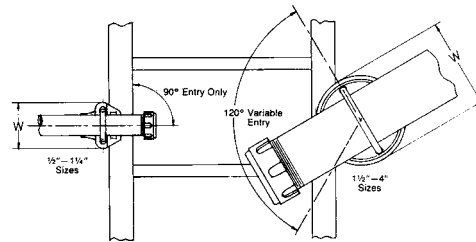
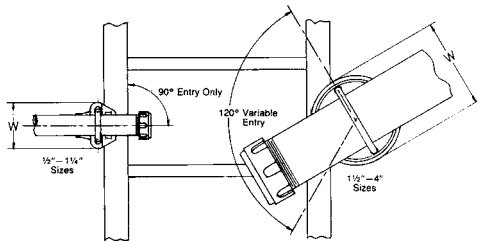
Type CTC-0507 and Type CTC-1012  
12" — 114" Sizes  
Right Angle to Tray

Type CTC-150 and Type CTC-400  
112" — 4" Sizes  
Variable Angle to Tray



Type CTGC

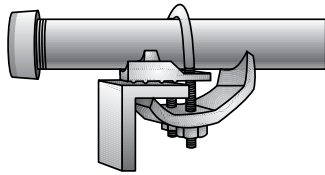
Cable Tray Grounding clamps for use on most types of cable trays.



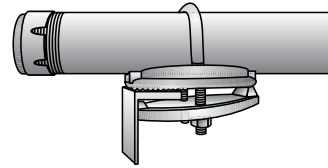
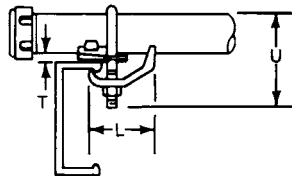
# CTC Conduit Cable Tray Clamps

For Rigid Conduit, IMC and EMT.

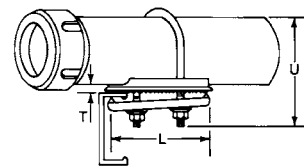
NEC/CEC:  
Listed for Ordinary Locations



Type CTC-0507 and Type CTC-1012  
12" — 114" Sizes  
Right Angle to Tray



Type CTC-150 and Type CTC-400  
112" — 4" Sizes  
Variable Angle to Tray



Rigid or IMC, EMT Trade Size (Inches)	U-Bolt and Nut Size	Dimensions in Millimeters (Inches)				Recommended Ins. Torque In. – Kgs. (Lbs.)	Catalog Number
		W	L	T	U		
1/2 - 3/4	6.35 (0.25) - 508 (20)	57.2 (2.25)	57.2 (2.25)	6.4 (0.25)	63.5 (2.5)	27 (60)	CTC-0507
1 - 1-1/4	7.87 (0.31) - 457.2 (18)	73.2 (2.88)	57.2 (2.25)	6.4 (0.25)	82.6 (3.25)	52 (115)	CTC-1012
1-1/2	7.87 (0.31) - 457.2 (18)	98.6 (3.88)	88.9 (3.50)	9.7 (0.38)	89.0 (3.50)	52 (115)	CTC-150
2	9.65 (0.38) - 406.4 (16)	114.3 (4.5)	101.6 (4.00)	9.7 (0.38)	101.6 (4.00)	86 (190)	CTC-200
2-1/2	9.65 (0.38) - 406.4 (16)	127.0 (5.00)	114.3 (4.50)	9.7 (0.38)	114.3 (4.50)	86 (190)	CTC-250
3	9.65 (0.38) - 406.4 (16)	143.0 (5.63)	130.3 (5.13)	9.7 (0.38)	133.4 (5.25)	86 (190)	CTC-300
3-1/2	9.65 (0.38) - 406.4 (16)	155.7 (6.13)	139.7 (5.50)	9.7 (0.38)	146.1 (5.75)	86 (190)	CTC-350
4	9.65 (0.38) - 406.4 (16)	168.4 (6.63)	152.4 (6.00)	9.7 (0.38)	158.8 (6.25)	86 (190)	CTC-400

# TCC Single TCCD Double Conduit Cable Tray Clamps

**NEC:**  
Listed for Ordinary Locations

## Application

- For supporting rigid conduit to cable tray flange at each location where tray cable exits the tray and is run through rigid conduit raceway to control panel boards, motor starters and other electrical devices.

## Features

- Clamps mount on all types of tray configurations (inside, outside or double flange).
- Exclusive design provides full 360° swivel, allowing exit conduit positioning at any angle, eliminating the need for separate inside or outside flange clamps, and field modification.
- Unique clamp mounting provides greater cable capacity and working area within the tray by reducing internal clamp obstruction.
- Type TCCD feature exclusive double conduit clamps conserve to space where multiple cables exit the tray at one location.
- Only four clamps are necessary to handle a conduit range from 1/2" thru 4".
- Fewer catalog numbers reduce jobsite inventory.

## Standard Materials

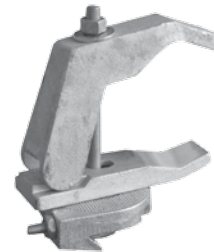
- Base and conduit clamp: malleable iron
- Nuts, bolts and other hardware: steel
- Cable tray grounding clamp: aluminum

## Standard Finishes

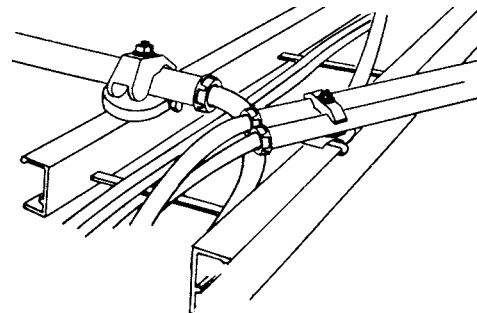
- Base and conduit clamp: hot dip galvanized
- Nuts, bolts and other hardware: mechanically galvanized

## NEC Certifications and Compliances


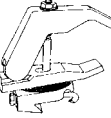
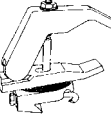
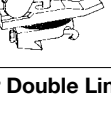
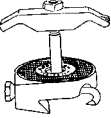
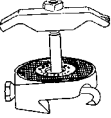
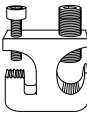
- UL Standard: 467
- UL Listed: E-24264



TCC250300G



In Use

	Rigid Size (Inches)	Weight Per 100 — kg (lb)	Catalog Number
<b>TCC for Single Line Conduit—Hot Dip/Mechanically Galvanized</b>			
	1/2, 3/4, 1	45.40 (100.00)	TCC-50100G
	1-1/4, 1-1/2, 2	104.90 (231.30)	TCC-125200G
	2-1/2, 3	202.70 (446.90)	TCC-250300G
	3-1/2, 4	203.70 (449.10)	TCC-350400G
<b>TCCD for Double Line Conduit—Hot Dip/Mechanically Galvanized</b>			
	1/2, 3/4, 1	41.10 (90.70)	TCCD-50100G
	1-1/4, 1-1/2, 2	90.70 (200.00)	TCCD-125200G
<b>Cable Tray Grounding Conductor Clamp—Aluminum</b>			
	For #6 to 250 MCM	8.50 (18.80)	TCGC



# NEER™ Straps

For Rigid Conduit and IMC.

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## 1800: One Hole Click-On

### Applications

- Click-on type one hole straps for rigid conduit or IMC.
- Provides support for the conduits, as required by the National Electrical Code.

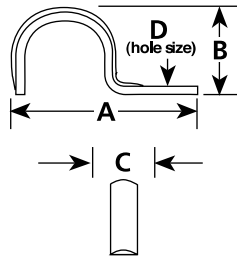
### Material/Finish

- Steel/zinc plated



1801

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	47.0 (1.85)	20.3 (0.80)	15.7 (0.62)	6.4 (0.25)	1801
3/4	31.0 (1.22)	23.4 (0.92)	19.1 (0.75)	6.4 (0.25)	1802
1	67.3 (2.65)	29.2 (1.15)	22.1 (0.87)	7.9 (0.31)	1803
1-1/4	75.7 (2.98)	35.8 (1.41)	25.1 (0.99)	9.7 (0.38)	1804
1-1/2	89.2 (3.51)	40.9 (1.61)	25.4 (1.00)	11.2 (0.44)	1805
2	105.9 (4.17)	50.0 (1.97)	29.0 (1.14)	13.5 (0.53)	1806
2 - 1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	1807
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	1808
3 - 1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	1809
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	1810

## TH-1800: Two Hole Snap-On

### Applications

- Snap-on type two hole straps for rigid conduit and IMC are used where higher load bearing supports are desired.

### Material/Finish

- Steel/zinc plated

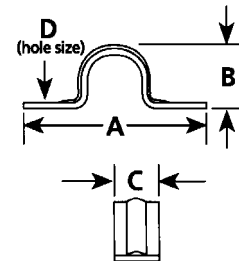
### NEC/CEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 No. 18.4
- cUL Listed: E333806



TH -1801

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	62.7 (2.47)	21.8 (0.86)	15.7 (0.62)	4.8 (0.19)	TH-1801
3/4	71.6 (2.82)	27.9 (1.10)	17.3 (0.68)	4.8 (0.19)	TH-1802
1	85.9 (3.38)	32.3 (1.27)	19.1 (0.75)	6.4 (0.25)	TH-1803
1-1/4	101.6 (4.00)	42.7 (1.68)	21.8 (0.86)	6.4 (0.25)	TH-1804
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	TH-1805
2	112.8 (4.44)	50.3 (1.98)	23.9 (0.94)	9.7 (0.38)	TH-1806
2 - 1/2	131.8 (5.19)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	TH-1807
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	TH-1808
3 - 1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	TH-1809
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	TH-1810

# NEER™ Conduit Hangers

## With Bolts and Nuts

**NEC:**  
Listed for Ordinary Locations

### Application

- Secure and suspend rigid conduit, IMC, EMT or PVC conduit from overhead supports.

### Features

- Furnished with carriage bolt.

### Standard Material/Finish

- Steel/zinc plated

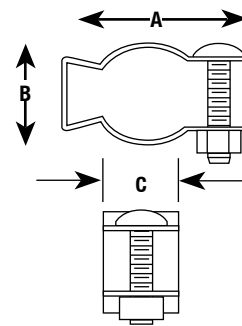
### NEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806



CH-050-B

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
3/8 and 1/2	49.0 (1.93)	23.1 (0.91)	19.1 (0.75)	CH-050-B
3/4	54.9 (2.16)	27.9 (1.10)	19.1 (0.75)	CH-100-B
1	61.5 (2.42)	34.8 (1.37)	22.4 (0.88)	CH-200-B
1-1/4TW	69.1 (2.72)	39.4 (1.55)	22.4 (0.88)	CH-250-B
1-1/4HW	72.4 (2.85)	48.3 (1.90)	22.4 (0.88)	CH-300-B
1-1/2	80.0 (3.15)	49.0 (1.93)	25.4 (1.00)	CH-400-B
2	94.7 (3.73)	68.3 (2.69)	25.7 (1.01)	CH-500-B
2-1/2	118.1 (4.65)	85.1 (3.35)	28.7 (1.13)	CH-600-B
3	134.6 (5.30)	99.1 (3.90)	30.2 (1.19)	CH-700-B
3-1/2	146.1 (5.75)	102.9 (4.05)	31.8 (1.25)	CH-800-B
4	162.6 (6.40)	128.3 (5.05)	31.8 (1.25)	CH-900-B

# NEER™ Nail Straps

For EMT.

**NEC:**  
*Listed for Ordinary Locations*

## Applications

- To secure EMT to wooden mounting structure.
- Use in place of one hole straps.

## Standard Material/Finish

- Steel/zinc plated

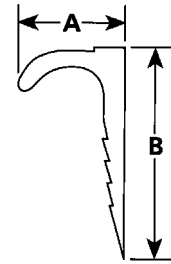
## NEC Certifications and Compliances

- UL Listed: E333806



NS-901

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	30.2 (1.19)	52.6 (2.07)	NS-901
3/4	31.2 (1.23)	52.6 (2.07)	NS-902
1	39.1 (1.54)	57.2 (2.25)	NS-903

# NEER™ Beam Clamps, Jack Chain and S Hooks

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

## TBC: Beam Clamps

### Applications

- Clamp on to the mounting structure to provide mounting means for the attachment of conduit hangers either directly or by means of threaded rod.

### Features

- 1/4-20 threaded holes.
- Jaw opening 5/8".

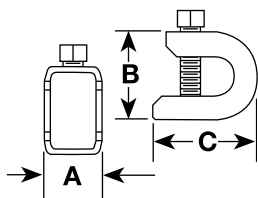
### Material/Finish

- Stamped steel/zinc plate



BC-250

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1-1/4 x 5/16 -18	22.9 (0.90)	11.2 (0.44)	42.7 (1.68)	BC-250

## JC: Steel Jack Chain

### Applications

- For suspending lighting fixtures, etc.

### Feature

- Standard weight maximum working load: 29#.

### Material/Finish

- Galvanized steel

Note:

- Order in 30.5 meter (100 foot) increments.



JC-12-S

## SH: Standard and Heavy S Hooks

### Applications

- For terminating end of jack chain, used to suspend lighting fixtures, etc.

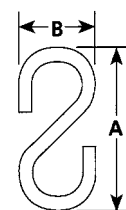
### Material/Finish

- Steel/zinc plated



SH-100-D

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
0.1009 dia.	31.0 (1.22)	16.8 (0.66)	SH-100-D
0.1429 dia.	38.6 (1.52)	25.4 (1.00)	SH-142

# NEER™ Cable Staples

NEC/CEC:  
Rated for Ordinary Locations

## SN: Cable Staples

### Applications

- To secure nonmetallic sheathed cable and type SE/U cable to wooden mounting structure.

### Standard Material

- Steel

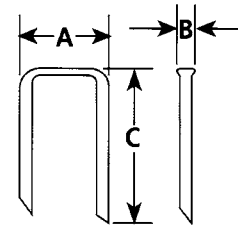
Note:

- SN cable staples are furnished in plastic containers.



SN

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Carton	Standard Package	Catalog Number
	A	B	C			
<b>NMC 2-Cond. 12 and 14</b>						
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	100	10,000	SN-400
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	500	10,000	SN-405
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	-	15,000	SN-410
<b>NMC 3-Cond. 10-12 and 14 Wire</b>						
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	100	5,000	SN-1000
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	500	5,000	SN-1050
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	-	10,000	SN-1100
<b>SE/U 3-Cond. No. 6</b>						
1-3/8 x 13/16	33.0 (1.3)	6.6 (0.26)	33.5 (1.32)	100	5,000	SN-3000

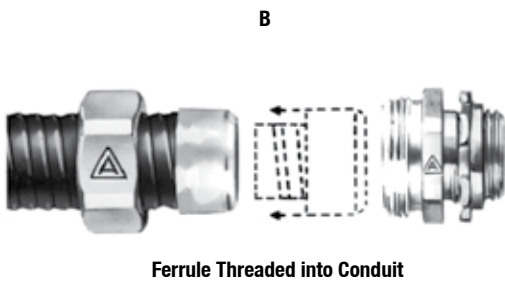
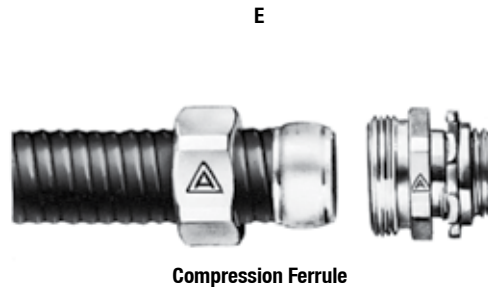
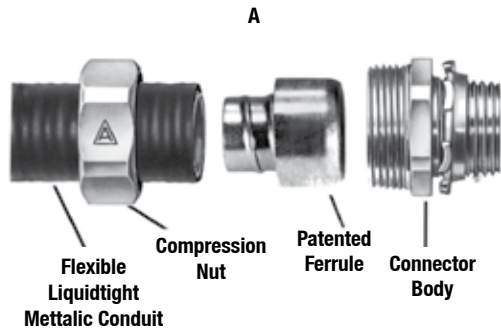
# Installation Features of ST™, STB, STN and STL Connectors and Hubs

For Liquidtight Flexible Metal Conduit

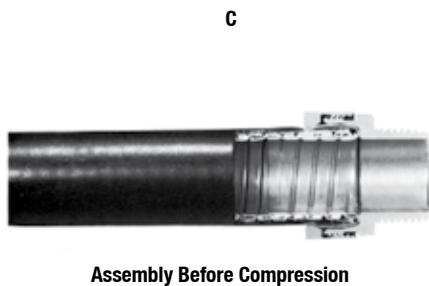
NEC/CEC:  
Listed for Ordinary Locations

Using hacksaw, cut liquidtight flexible conduit making certain that the jacket and conduit are flush. (A) Place compression nut over conduit. (B) Screw ferrule onto the spiralled steel inner wall of the conduit. The firm grip of the ferrule threading against the inner conduit wall provides a continuous, permanent, positive metal-to-metal ground. There are no sharp edges to cause injury to wire during or after installation. (C) Place the liquidtight flexible conduit with the ferrule into connector body. (D) Tighten compression nut as far as it will go. This will assure correct collaring of the conduit—the end of the metal edge of the ferrule will curve out slightly. (E) This prevents damage to the conduit jacket itself at the time of installation, and also insures against future damage from frequent flexing, jarring or vibration.

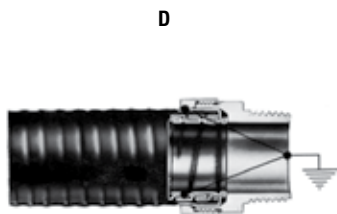
COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS



Neoprene sealing gasket eliminates common connection problems and assures a liquidtight installation. Seals against oil, water, dirt and chemicals.



Male shank of unique Appleton™ hex-hub wedge adapter “finger tightens” into connector body. Flared surface of adapter wedges box wall against locking edge of body. Forms full 360° contact on both sides of box wall.



Insulating insert recessed into hex-hub wedge adapter protects against wire damage...without reduction in throat diameter. Perfect for extreme vibration conditions. Nothing to come loose, deteriorate, crack or break!

# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

## Features

- ST Series has plain throat.
- STB Series has insulated throat to protect against wire damage.
- Seals out oil, water, dust, dirt and fumes.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Polypropylene sealing ring with locknut standard.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.
- Straight, 45° and 90° styles available in trade sizes 3/8" thru 4"



ST-38

## Standard Material/Finish

- 3/8" thru 1" straight: steel body and compression nut
- 1-1/4" thru 4" straight: malleable iron body and compression nut
- 3/8" thru 4" 45° and 90°: malleable iron body
- 3/8" thru 1" 45° and 90° caps: steel
- 1-1/4" thru 4" 45° and 90° caps: malleable iron
- 3/8" thru 1" ferrule: steel
- 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate
- Sealing ring: polypropylene

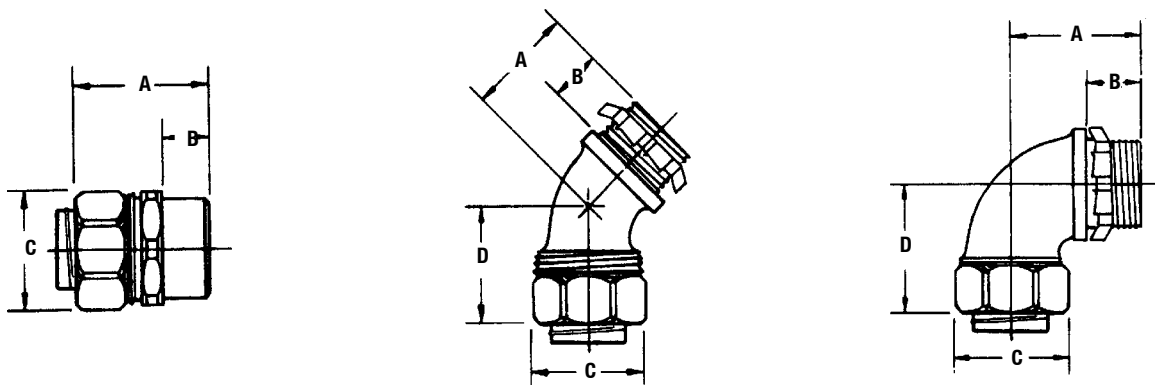
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
3-1/2	3-1/2
4	4
5	5

## Illustrated Dimensions



COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton





# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton®




	Conduit Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		A	B	C	D		
<b>Straight</b>							
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	7.3 (16.00)	<b>ST-38</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	6.8 (15.00)	<b>ST-50</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	10.0 (22.00)	<b>ST-75</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	15.4 (34.00)	<b>ST-100</b>
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	38.1 (84.00)	<b>ST-125</b>
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	54.4 (120.00)	<b>ST-150</b>
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	74.8 (165.00)	<b>ST-200</b>
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	158.8 (350.00)	<b>ST-250</b>
	3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	204.1 (450.00)	<b>ST-300</b>
	3-1/2	93.7 (3.69)	30.2 (1.19)	127 (5.00)	—	238.1 (525.00)	<b>ST-350</b>
	4	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	—	301.2 (664.00)	<b>ST-400</b>
<b>45°</b>							
	3/8 flex, 1/2 hub	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	19.0 (8.62)	<b>ST-4538</b>
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	19.0 (8.62)	<b>ST-4550</b>
	3/4	28.7 (1.13)	16.0 (0.63)	45.9 (1.81)	31.8 (1.25)	32.0 (14.51)	<b>ST-4575</b>
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	46.0 (20.87)	<b>ST-45100</b>
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	103.0 (46.72)	<b>ST-45125</b>
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	165.0 (74.84)	<b>ST-45150</b>
	2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	245.0 (111.13)	<b>ST-45200</b>
	2-1/2	90.4 (3.56)	26.9 (1.06)	100.1 (3.94)	127.0 (5.00)	760.0 (344.73)	<b>ST-45250</b>
	3	109.5 (4.31)	30.2 (1.19)	111.3 (4.38)	147.6 (5.81)	962.0 (436.36)	<b>ST-45300</b>
	4	117.6 (4.63)	31.8 (1.25)	5.5 (139.7)	101.6 (4.00)	1512.0 (685.83)	<b>ST-45400</b>
<b>90°</b>							
	3/8 flex, 1/2 hub	31.8 (1.25)	16.0 (0.63)	28.6 (1.13)	36.5 (1.44)	10.3 (22.80)	<b>ST-9038</b>
	1/2	33.3 (1.31)	16.0 (0.63)	31.8 (1.25)	36.8 (1.45)	10.3 (23.00)	<b>ST-9050</b>
	3/4	36.6 (1.44)	16.0 (0.63)	38.9 (1.53)	43.2 (1.70)	17.7 (39.00)	<b>ST-9075</b>
	1	44.5 (1.75)	19.1 (0.75)	45.9 (1.81)	49.5 (1.95)	28.1 (62.00)	<b>ST-90100</b>
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	51.7 (114.00)	<b>ST-90125</b>
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	88.5 (195.00)	<b>ST-90150</b>
	2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	131.5 (290.00)	<b>ST-90200</b>
	2-1/2	182.6 (7.19)	26.9 (1.06)	100.1 (3.94)	214.4 (8.44)	382.4 (843.00)	<b>ST-90250</b>
	3	219.2 (8.63)	30.2 (1.19)	111.3 (4.38)	257.3 (10.13)	499.0 (1100.00)	<b>ST-90300</b>
	4	285.8 (11.25)	31.8 (1.25)	139.7 (5.50)	325.4 (12.81)	952.5 (2100.00)	<b>ST-90400</b>



# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

	Conduit Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		A	B	C	D		
<b>Straight</b>							
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	6.8 (15.00)	<b>STB-38</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	7.3 (16.00)	<b>STB-50</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	10.4 (23.00)	<b>STB-75</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	15.4 (34.00)	<b>STB-100</b>
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	38.1 (84.00)	<b>STB-125</b>
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	54.0 (119.00)	<b>STB-150</b>
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	77.1 (170.00)	<b>STB-200</b>
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	154.2 (340.00)	<b>STB-250</b>
	3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	204.1 (450.00)	<b>STB-300</b>
	3-1/2	93.7 (3.69)	30.2 (1.19)	27.0 (5.00)	—	240.4 (530.00)	<b>STB-350</b>
4	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	—	297.1 (655.00)	<b>STB-400</b>	
<b>45°</b>							
	3/8 flex, 1/2 hub	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	8.2 (18.00)	<b>STB-4538</b>
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	8.2 (18.00)	<b>STB-4550</b>
	3/4	28.7 (1.13)	16.0 (0.63)	45.9 (1.81)	31.8 (1.25)	13.6 (30.00)	<b>STB-4575</b>
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	22.2 (49.00)	<b>STB-45100</b>
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	46.3 (102.00)	<b>STB-45125</b>
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	72.6 (160.00)	<b>STB-45150</b>
	2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	104.3 (230.00)	<b>STB-45200</b>
	2-1/2	90.4 (3.56)	26.9 (1.06)	100.1 (3.94)	127.0 (5.00)	344.7 (760.00)	<b>STB-45250</b>
	3	109.5 (4.31)	30.2 (1.19)	111.3 (4.38)	147.6 (5.81)	453.6 (1000.00)	<b>STB-45300</b>
	4	117.6 (4.63)	31.8 (1.25)	5.50 (139.7)	101.6 (4.00)	816.5 (1800.00)	<b>STB-45400</b>
<b>90°</b>							
	3/8 flex, 1/2 hub	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	10.4 (23.00)	<b>STB-9038</b>
	1/2	31.8 (1.25)	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	10.9 (24.00)	<b>STB-9050</b>
	3/4	36.6 (1.44)	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	17.2 (38.00)	<b>STB-9075</b>
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	26.31 (58.00)	<b>STB-90100</b>
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	52.62 (116.00)	<b>STB-90125</b>
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	87.09 (192.00)	<b>STB-90150</b>
	2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	127.91 (282.00)	<b>STB-90200</b>
	2-1/2	182.6 (7.19)	26.9 (1.06)	100.1 (3.94)	214.4 (8.44)	381.02 (840.00)	<b>STB-90250</b>
	3	219.2 (8.63)	30.2 (1.19)	111.3 (4.38)	257.3 (10.13)	498.95 (1100.00)	<b>STB-90300</b>
	4	285.8 (11.25)	31.8 (1.25)	139.7 (5.50)	325.4 (12.81)	975.22 (2150.00)	<b>STB-90400</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS



# Liquidtight STF Connectors with Threaded Hubs

For Liquidtight Flexible Metal Conduit. Female ST Connectors.

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- For use with liquidtight flexible metal conduit when making connection to threaded rigid conduit and IMC.

## Features

- Female ST connectors have a unique long ferrule with more pronounced threads that provide over four times UL pull-out requirements. The ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- ST connectors have compact design with small turning radius.



ST-38F

## Standard Material/Finish

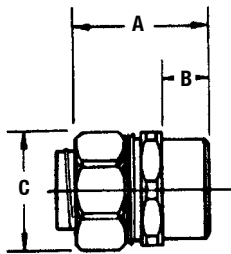
- 3/8" thru 1": steel with steel ferrule; 1-1/4" thru 4": malleable iron with aluminum ferrule
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	
	A	B	C			
<b>Female ST Connectors with Threaded Hubs</b>						
3/8 flex, 1/2 hub	33.3 (1.31)	11.2 (0.44)	28.7 (1.13)	5.90 (13.00)	ST-38F	
1/2	33.3 (1.31)	11.2 (0.44)	31.8 (1.25)	6.35 (14.00)	ST-50F	
3/4	36.6 (1.44)	12.7 (0.50)	38.1 (1.50)	9.53 (21.00)	ST-75F	
1	39.6 (1.56)	17.5 (0.69)	45.9 (1.81)	14.06 (31.00)	ST-100F	
1-1/4	52.3 (1.06)	23.8 (0.94)	58.7 (2.31)	44.90 (99.00)	ST-125F	
1-1/2	63.5 (2.50)	28.4 (1.12)	66.8 (2.63)	65.18 (143.70)	ST-150F	
2	69.9 (2.75)	31.8 (1.25)	81.0 (3.19)	102.06 (225.00)	ST-200F	
2-1/2	79.2 (3.12)	35.1 (1.38)	100.1 (3.94)	182.84 (403.10)	ST-250F	
3	93.5 (3.68)	39.6 (1.56)	111.3 (4.38)	193.96 (427.60)	ST-300F	
4	100.1 (3.94)	44.5 (1.75)	139.7 (5.50)	300.46 (662.40)	ST-400F	



# Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

For Liquidtight Flexible Metal Conduit. STB, STN, and Female ST Types.

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- For use with liquidtight flexible metal conduit subjected to flexure, vibration, motion, or strain. “STB” Type connects to threaded hubs. “STN” Type is for connections to sheet metal enclosures. Female ST Type connects to threaded rigid conduit and IMC.

## Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Stainless steel wire mesh prevents pull-out of flexible conduit from fitting and alleviates flexing stress at liquidtight connection.
- Insulated throat (STB and STN Series) protects against wire damage.
- STN Type has space-saving hex hub wedge adapter that fits nearly flush against inside walls of enclosures, providing maximum wiring room.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- STB Series has full, machined tapered threads (NPT).

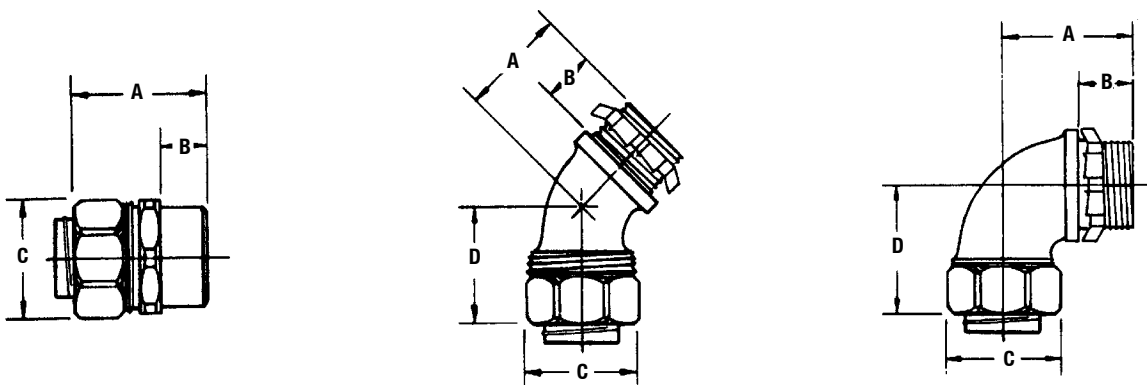
## Standard Material/Finish

- Straight STB, STN, and Female ST connectors: 3/8" thru 1" are steel, 1-1/4" and over are malleable iron
- 45° and 90° connectors: all sizes are malleable iron
- Ferrule: 3/8" thru 1" are steel; 1-1/4" and over are aluminum
- Wire mesh: stainless steel
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## Illustrated Dimensions



STB-38SR

## STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton





# Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

For Liquidtight Flexible Metal Conduit. STB, STN, and Female ST Types.

NEC/CEC — Suitable for use in:  
Class I, Division 2

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton®

	Dimensions in Millimeters (Inches)				Outside Diameter		Weight per 100 kg (lb)	Catalog Number	
	A	B	C	D	Min.	Max			
<b>STB Straight — Insulated</b>									
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	17.5 (0.69)	18.0 (0.71)	9.25 (20.40)	<b>STB-38SR</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20.8 (0.82)	21.3 (0.84)	12.11 (26.70)	<b>STB-50SR</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	26.2 (1.03)	26.7 (1.05)	17.74 (39.10)	<b>STB-75SR</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32.8 (1.29)	33.5 (1.32)	23.90 (52.70)	<b>STB-100SR</b>
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	41.4 (1.63)	42.2 (1.66)	47.81 (105.40)	<b>STB-125SR</b>
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	47.5 (1.87)	48.3 (1.90)	66.09 (145.70)	<b>STB-150SR</b>
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	59.4 (2.34)	60.5 (2.38)	91.67 (202.10)	<b>STB-200SR</b>
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	72.1 (2.84)	73.2 (2.88)	180.89 (398.80)	<b>STB-250SR</b>
3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	87.9 (3.46)	88.9 (3.50)	242.90 (535.50)	<b>STB-300SR</b>	
<b>STB 45° — Insulated</b>									
	3/8 flex, 1/2 hub	28.7 (1.13)	16.0 (0.63)	28.7 (1.13)	22.4 (0.88)	17.5 (0.69)	18.0 (0.71)	10.61 (23.40)	<b>STB-4538SR</b>
	1/2	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	22.4 (0.88)	20.8 (0.82)	21.3 (0.84)	13.01 (28.70)	<b>STB-4550SR</b>
	3/4	38.1 (1.50)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	26.2 (1.03)	26.7 (1.05)	20.91 (46.10)	<b>STB-4575SR</b>
	1	45.9 (1.81)	19.1 (0.75)	45.9 (1.81)	35.1 (1.38)	32.8 (1.29)	33.5 (1.32)	30.71 (67.70)	<b>STB-45100SR</b>
	1-1/4	58.7 (2.31)	16.0 (0.63)	45.9 (1.81)	41.4 (1.63)	41.4 (1.63)	42.2 (1.66)	55.97 (123.40)	<b>STB-45125SR</b>
	1-1/2	66.8 (2.63)	16.0 (0.63)	54.1 (2.13)	45.9 (1.81)	47.5 (1.87)	48.3 (1.90)	85.09 (187.60)	<b>STB-45150SR</b>
	2	81.0 (3.19)	17.5 (0.69)	60.5 (2.38)	50.8 (2.00)	59.4 (2.34)	60.5 (2.38)	118.89 (262.10)	<b>STB-45200SR</b>
	2-1/2	100.1 (3.94)	26.9 (1.06)	127.0 (5.00)	90.4 (3.56)	72.1 (2.84)	73.2 (2.88)	371.40 (818.80)	<b>STB-45250SR</b>
3	111.3 (4.38)	30.2 (1.19)	147.6 (5.81)	109.5 (4.31)	87.9 (3.46)	88.9 (3.50)	492.37 (1085.50)	<b>STB-45300SR</b>	
<b>STB 90° — Insulated</b>									
	3/8 flex, 1/2 hub	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	17.5 (0.69)	18.0 (0.71)	12.88 (28.40)	<b>STB-9038SR</b>
	1/2	31.8 (1.25)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	20.8 (0.82)	21.3 (0.84)	15.74 (34.70)	<b>STB-9050SR</b>
	3/4	38.1 (1.50)	16.0 (0.63)	39.6 (1.56)	36.6 (1.44)	26.2 (1.03)	26.7 (1.05)	24.54 (54.10)	<b>STB-9075SR</b>
	1	45.9 (1.81)	19.1 (0.75)	47.8 (1.88)	35.1 (1.38)	32.8 (1.29)	33.5 (1.32)	34.79 (76.70)	<b>STB-90100SR</b>
	1-1/4	58.7 (2.31)	16.0 (0.63)	60.5 (2.38)	45.9 (1.81)	41.4 (1.63)	42.2 (1.66)	62.32 (137.40)	<b>STB-90125SR</b>
	1-1/2	66.8 (2.63)	16.0 (0.63)	81.0 (3.19)	61.9 (2.44)	47.5 (1.87)	48.3 (1.90)	99.20 (218.70)	<b>STB-90150SR</b>
	2	81.0 (3.19)	17.5 (0.69)	90.4 (3.56)	66.8 (2.63)	59.4 (2.34)	60.5 (2.38)	142.47 (314.10)	<b>STB-90200SR</b>
	2-1/2	100.1 (3.94)	26.9 (1.06)	144.8 (5.70)	182.6 (7.19)	72.1 (2.84)	73.2 (2.88)	407.69 (898.80)	<b>STB-90250SR</b>
3	111.3 (4.38)	30.2 (1.19)	257.3 (10.13)	219.2 (8.63)	87.9 (3.46)	88.9 (3.50)	537.73 (1185.50)	<b>STB-90300SR</b>	
<b>ST Straight Female with Threaded Hubs</b>									
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	17.5 (0.69)	18.0 (0.71)	8.35 (18.40)	<b>ST-38FSR</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20.8 (0.82)	21.3 (0.84)	11.20 (24.70)	<b>ST-50FSR</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	26.2 (1.03)	26.7 (1.05)	16.83 (37.10)	<b>ST-75FSR</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32.8 (1.29)	33.5 (1.32)	22.54 (49.70)	<b>ST-100FSR</b>
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	41.4 (1.63)	42.2 (1.66)	54.61 (120.40)	<b>ST-125FSR</b>
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	47.5 (1.87)	48.3 (1.90)	77.29 (170.40)	<b>ST-150FSR</b>
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	59.4 (2.34)	60.5 (2.38)	116.62 (257.10)	<b>ST-200FSR</b>
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	72.1 (2.84)	73.2 (2.88)	209.51 (461.90)	<b>ST-250FSR</b>
3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	87.9 (3.46)	88.9 (3.50)	232.74 (513.10)	<b>ST-300FSR</b>	

# Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

STN Types

NEC/CEC — Suitable for use in:  
Class I, Division 2

Trade Size (Inches)	STD Thread Pipe	Dimensions in Millimeters (Inches)		Hole Diameter in Millimeters (Inches)		Wall Thickness		Outside Diameter in Millimeters (Inches)		Weight per 100 kg (lb)	Catalog Number
		A	C	Min.	Max	Min.	Max	Min.	Max		
<b>STN Straight — Insulated</b>											
3/8	1/2"-14"	35.6 (1.44)	28.7 (1.13)	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	17.5 (0.69)	18.0 (0.71)	10.61 (23.40)	STN-38SR
					24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
1/2	1/2"-14"	35.6 (1.44)	31.8 (1.25)	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	20.8 (0.82)	21.3 (0.84)	13.93 (30.70)	STN-50SR
					24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
3/4	3/4"-14"	39.6 (1.56)	38.1 (1.50)	27.7 (1.09)	29.5 (1.16)	1.5 (0.06)	2.0 (0.08)	26.2 (1.03)	26.7 (1.05)	20.91 (46.10)	STN-75SR
					31.0 (1.22)	2.3 (0.09)	6.4 (0.25)				
1	1"-11-1/2"	44.5 (1.75)	45.9 (1.81)	34.0 (1.34)	35.8 (1.41)	1.5 (0.06)	2.0 (0.08)	32.8 (1.29)	33.5 (1.32)	26.99 (59.50)	STN-100SR
					37.3 (1.47)	2.3 (0.09)	6.4 (0.25)				
1-1/4	1-1/4"-11-1/2"	66.8 (2.63)	58.7 (2.31)	42.9 (1.69)	45.2 (1.78)	1.5 (0.06)	2.0 (0.08)	41.4 (1.63)	42.2 (1.66)	66.41 (146.40)	STN-125SR
					46.7 (1.84)	2.3 (0.09)	7.9 (0.31)				
1-1/2	1-1/2"-11-1/2"	66.8 (2.63)	66.8 (2.63)	49.3 (1.94)	51.6 (2.03)	1.5 (0.06)	2.0 (0.08)	47.5 (1.87)	48.3 (1.90)	95.57 (210.70)	STN-150SR
					53.1 (2.09)	2.3 (0.09)	7.9 (0.31)				
2	2"-11-1/2"	74.7 (2.94)	81.0 (3.19)	60.7 (2.39)	64.3 (2.53)	1.5 (0.06)	2.0 (0.08)	59.4 (2.34)	60.5 (2.38)	141.57 (312.10)	STN-200SR
					65.8 (2.59)	2.3 (0.09)	7.9 (0.31)				
2-1/2	2-1/2"-8"	92.2 (3.63)	100.1 (3.94)	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	72.1 (2.84)	73.2 (2.88)	257.55 (567.80)	STN-250SR
3	3" - 8"	81.0 (3.19)	111.3 (4.38)	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	87.9 (3.46)	88.9 (3.50)	342.24 (754.50)	STN-300SR
<b>STN 90° — Insulated</b>											
3/8	1/2"-14"	—	—	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	17.5 (0.69)	18.0 (0.71)	11.97 (26.40)	STN-9038SR
					24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
1/2	1/2"-14"	—	—	22.4 (0.88)	23.9 (0.94)	1.5 (0.06)	2.0 (0.08)	20.8 (0.82)	21.3 (0.84)	13.93 (30.70)	STN-9050SR
					24.6 (0.97)	2.3 (0.09)	6.4 (0.25)				
3/4	3/4"-14"	—	—	27.7 (1.09)	29.5 (1.16)	1.5 (0.06)	2.0 (0.08)	26.2 (1.03)	26.7 (1.05)	23.63 (52.10)	STN-9075SR
					31.0 (1.22)	2.3 (0.09)	6.4 (0.25)				
1	1"-11-1/2"	—	—	34.0 (1.34)	35.8 (1.41)	1.5 (0.06)	2.0 (0.08)	32.8 (1.29)	33.5 (1.32)	45.99 (101.40)	STN-90100SR
					37.3 (1.47)	2.3 (0.09)	6.4 (0.25)				



COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton

# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- For use with liquidtight flexible metal conduit where an external, visible equipment bonding jumper is desired.

## Features

- ST-L Series has plain throat.
- STB-L Series has insulated throat to protect against wire damage.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Adequately sized bonded lugs provide excellent grounding continuity and allow for visible ground path inspection.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for outdoor use.
- Full, machined tapered threads (NPT).



ST-38L

## Standard Material/Finish

- 3/8" thru 1" straight: steel body and compression nut
- 1-1/4" thru 5" straight: malleable iron body and compression nut
- 3/8" thru 4" 45° and 90°: malleable iron body
- 3/8" thru 1" 45° and 90° caps: steel
- 1-1/4" thru 4" 45° and 90° caps: malleable iron
- 3/8" thru 1" ferrule: steel
- 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder/zinc electroplate

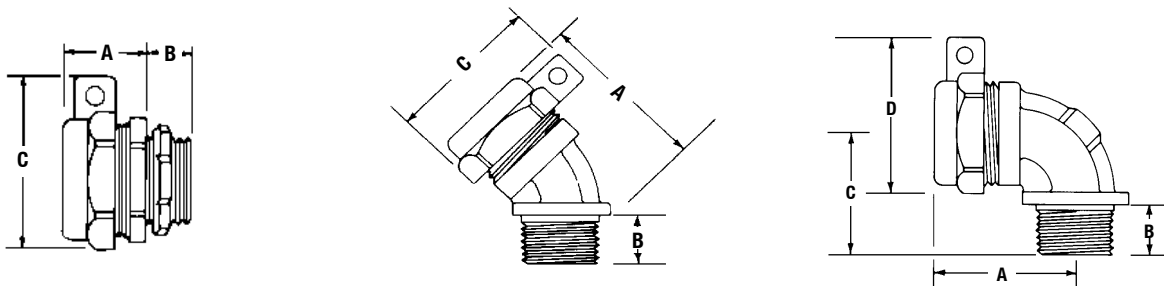
## Certifications and Compliances

- UL Standard: 514B and 467
- UL Listed: E6581
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
3-1/2	3-1/2
4	4
5	5




## Illustrated Dimensions



# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

Dimensions in Millimeters (Inches)									
Conduit Size (Inches)	A	B	C	D	Turning Radius Gland Nut	Grounding Lugs Wire Size	Weight per 100 kg (lb)	Catalog Number	
<b>Straight</b>									
	3/8 flex, 1/2 hub	22.4 (0.88)	12.7 (0.5)	42.9 (1.69)	—	26.9 (1.06)	14-4	8.62 (19.00)	<b>ST-38L</b>
	1/2	22.4 (0.88)	12.7 (0.5)	47.8 (1.88)	—	30.2 (1.19)	14-4	8.16 (18.00)	<b>ST-50L</b>
	3/4	25.4 (1.00)	12.7 (0.5)	54.1 (2.13)	—	33.3 (1.31)	14-4	12.70 (28.00)	<b>ST-75L</b>
	1	28.7 (1.13)	16.0 (0.63)	60.5 (2.38)	—	36.6 (1.44)	14-4	18.14 (40.00)	<b>ST-100L</b>
	1-1/4	33.3 (1.31)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	40.82 (90.00)	<b>ST-125L</b>
	1-1/2	35.1 (1.38)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	57.15 (126.00)	<b>ST-150L</b>
	2	38.1 (1.50)	16.0 (0.63)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	78.93 (174.00)	<b>ST-200L</b>
	2-1/2	49.3 (1.94)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	162.84 (359.00)	<b>ST-250L</b>
	3	49.3 (1.94)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	208.20 (459.00)	<b>ST-300L</b>
	3-1/2	66.8 (2.63)	28.7 (1.13)	147.6 (5.81)	—	85.9 (3.38)	1-4/0	242.22 (534.00)	<b>ST-350L</b>
4	57.2 (2.25)	31.8 (1.25)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	307.08 (677.00)	<b>ST-400L</b>	
<b>45°</b>									
	3/8 flex, 1/2 hub	44.5 (1.75)	12.7 (0.50)	42.9 (1.69)	—	26.9 (1.06)	14-4	9.98 (22.00)	<b>ST-4538L</b>
	1/2	44.5 (1.75)	14.2 (0.56)	47.8 (1.88)	—	30.2 (1.19)	14-4	9.98 (22.00)	<b>ST-4550L</b>
	3/4	52.3 (2.06)	14.2 (0.56)	54.1 (2.13)	—	33.3 (1.31)	14-4	17.24 (38.00)	<b>ST-4575L</b>
	1	84.1 (3.31)	12.7 (0.50)	60.5 (2.38)	—	36.6 (1.44)	14-4	23.59 (52.00)	<b>ST-45100L</b>
	1-1/4	76.2 (3.00)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	49.44 (109.00)	<b>ST-45125L</b>
	1-1/2	79.5 (3.13)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	77.56 (171.00)	<b>ST-45150L</b>
	2	95.3 (3.75)	14.2 (0.56)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	15.21 (254.00)	<b>ST-45200L</b>
	2-1/2	146.1 (5.75)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	22.02 (269.00)	<b>ST-45250L</b>
	3	165.1 (6.50)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	40.44 (971.00)	<b>ST-45300L</b>
	4	190.5 (7.50)	30.2 (1.19)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	91.73 (1525.00)	<b>ST-45400L</b>
<b>90°</b>									
	3/8 flex, 1/2 hub	36.6 (1.44)	12.7 (0.50)	31.8 (1.25)	27.4 (1.08)	42.9 (1.69)	14-4	11.79 (26.00)	<b>ST-9038L</b>
	1/2	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	47.8 (1.88)	30.2 (1.19)	14-4	11.79 (26.00)	<b>ST-9050L</b>
	3/4	42.9 (1.69)	12.7 (0.50)	38.1 (1.5)	54.1 (2.13)	33.3 (1.31)	14-4	20.41 (45.00)	<b>ST-9075L</b>
	1	47.8 (1.88)	12.7 (0.50)	41.4 (1.63)	60.5 (2.38)	36.6 (1.44)	14-4	30.84 (68.00)	<b>ST-90100L</b>
	1-1/4	62.0 (2.44)	14.2 (0.56)	52.3 (2.06)	73.2 (2.88)	44.5 (1.75)	8-1/0	54.43 (120.00)	<b>ST-90125L</b>
	1-1/2	66.8 (2.63)	14.2 (0.56)	55.6 (2.19)	82.6 (3.25)	47.8 (1.88)	8-1/0	91.17 (201.00)	<b>ST-90150L</b>
	2	82.6 (3.25)	19.1 (0.75)	73.2 (2.88)	95.3 (3.75)	55.6 (2.19)	8-1/0	35.62 (299.00)	<b>ST-90200L</b>
	2-1/2	189.0 (7.44)	25.4 (1.00)	181.1 (7.13)	117.6 (4.63)	69.9 (2.75)	1-4/0	840.05 (1852.00)	<b>ST-90250L</b>
	3	223.8 (8.81)	28.7 (1.13)	215.9 (8.50)	134.9 (5.31)	77.7 (3.06)	1-4/0	503.03 (1109.00)	<b>ST-90300L</b>
	4	289.1 (11.38)	28.7 (1.13)	279.4 (11.00)	165.1 (6.50)	92.2 (3.63)	1-4/0	966.15 (2130.00)	<b>ST-90400L</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS



# Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Dimensions in Millimeters (Inches)

Conduit Size (Inches)	A	B	C	D	Turning Radius Gland Nut	Grounding Lugs Wire Size	Weight per 100 kg (lb)	Catalog Number
<b>Straight</b>								
3/8 flex, 1/2 hub	22.4 (0.88)	12.7 (0.5)	42.9 (1.69)	—	26.9 (1.06)	14-4	8.16 (18.00)	<b>STB-38L</b>
1/2	22.4 (0.88)	12.7 (0.5)	47.8 (1.88)	—	30.2 (1.19)	14-4	8.62 (19.00)	<b>STB-50L</b>
3/4	25.4 (1.00)	12.7 (0.5)	54.1 (2.13)	—	33.3 (1.31)	14-4	3.15 (29.00)	<b>STB-75L</b>
1	28.7 (1.13)	16.0 (0.63)	60.5 (2.38)	—	36.6 (1.44)	14-4	18.14 (40.00)	<b>STB-100L</b>
1-1/4	33.3 (1.31)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	40.82 (90.00)	<b>STB-125L</b>
1-1/2	35.1 (1.38)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	56.70 (125.00)	<b>STB-150L</b>
2	38.1 (1.50)	16.0 (0.63)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	81.19 (179.00)	<b>STB-200L</b>
2-1/2	49.3 (1.94)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	158.30 (349.00)	<b>STB-250L</b>
3	49.3 (1.94)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	208.20 (459.00)	<b>STB-300L</b>
3-1/2	66.8 (2.63)	28.7 (1.13)	147.6 (5.81)	—	85.9 (3.38)	1-4/0	244.49 (539.00)	<b>STB-350L</b>
4	57.2 (2.25)	31.8 (1.25)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	303.00 (668.00)	<b>STB-400L</b>
<b>45°</b>								
3/8 flex, 1/2 hub	44.5 (1.75)	12.7 (0.50)	42.9 (1.69)	—	26.9 (1.06)	14-4	9.53 (21.00)	<b>STB-4538L</b>
1/2	44.5 (1.75)	14.2 (0.56)	47.8 (1.88)	—	30.2 (1.19)	14-4	9.53 (21.00)	<b>STB-4550L</b>
3/4	52.3 (2.06)	14.2 (0.56)	54.1 (2.13)	—	33.3 (1.31)	14-4	16.33 (36.00)	<b>STB-4575L</b>
1	84.1 (3.31)	12.7 (0.50)	60.5 (2.38)	—	36.6 (1.44)	14-4	24.95 (55.00)	<b>STB-45100L</b>
1-1/4	76.2 (3.00)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	48.99 (108.00)	<b>STB-45125L</b>
1-1/2	79.5 (3.13)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	75.30 (166.00)	<b>STB-45150L</b>
2	95.3 (3.75)	14.2 (0.56)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	108.41 (239.00)	<b>STB-45200L</b>
2-1/2	146.1 (5.75)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	348.81 (769.00)	<b>STB-45250L</b>
3	165.1 (6.50)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	457.67 (1009.00)	<b>STB-45300L</b>
4	190.5 (7.50)	30.2 (1.19)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	822.36 (1813.00)	<b>STB-45400L</b>
<b>90°</b>								
3/8 flex, 1/2 hub	36.6 (1.44)	12.7 (0.50)	31.8 (1.25)	27.4 (1.08)	42.9 (1.69)	14-4	11.79 (26.00)	<b>STB-9038L</b>
1/2	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	47.8 (1.88)	30.2 (1.19)	14-4	12.25 (27.00)	<b>STB-9050L</b>
3/4	42.9 (1.69)	12.7 (0.50)	38.1 (1.5)	54.1 (2.13)	33.3 (1.31)	14-4	19.96 (44.00)	<b>STB-9075L</b>
1	47.8 (1.88)	12.7 (0.50)	41.4 (1.63)	60.5 (2.38)	36.6 (1.44)	14-4	29.03 (64.00)	<b>STB-90100L</b>
1-1/4	62.0 (2.44)	14.2 (0.56)	52.3 (2.06)	73.2 (2.88)	44.5 (1.75)	8-1/0	55.34 (122.00)	<b>STB-90125L</b>
1-1/2	66.8 (2.63)	14.2 (0.56)	55.6 (2.19)	82.6 (3.25)	47.8 (1.88)	8-1/0	89.81 (198.00)	<b>STB-90150L</b>
2	82.6 (3.25)	19.1 (0.75)	73.2 (2.88)	95.3 (3.75)	55.6 (2.19)	8-1/0	132.00 (291.00)	<b>STB-90200L</b>
2-1/2	189.0 (7.44)	25.4 (1.00)	181.1 (7.13)	117.6 (4.63)	69.9 (2.75)	1-4/0	385.10 (849.00)	<b>STB-90250L</b>
3	223.8 (8.81)	28.7 (1.13)	215.9 (8.50)	134.9 (5.31)	77.7 (3.06)	1-4/0	503.03 (1109.00)	<b>STB-90300L</b>
4	289.1 (11.38)	28.7 (1.13)	279.4 (11.00)	165.1 (6.50)	92.2 (3.63)	1-4/0	981.12 (2163.00)	<b>STB-90400L</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS



Appleton®



# Aluminum Liquidtight ST™ Series Connectors with Plain Throat

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

## Features


- Lightweight aluminum construction facilitates installation.
- Seals out oil, water, dust, dirt and fumes.
- High corrosion resistance.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.


## Standard Materials

- Copperfree (4/10 of 1% of copper or less) aluminum

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	STD Pipe Thread Size	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
			A	B	C		
	3/8 flex, 1/2 hub	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	101.40 (4.80)	ST-38AL
	1/2	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	2.04 (4.50)	ST-50AL
	3/4	3/4" - 14"	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	3.00 (6.60)	ST-75AL
	1	1" - 11-1/2"	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	4.63 (10.20)	ST-100AL
	1-1/4	1-1/4" - 11-1/2"	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	11.43 (25.20)	ST-125AL
	1-1/2	1-1/2" - 11-1/2"	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	16.33 (36.00)	ST-150AL
	2	2" - 11-1/2"	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	22.45 (49.50)	ST-200AL
	2-1/2	2-1/2" - 8"	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	47.63 (105.00)	ST-250AL
	3	3" - 8"	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	61.23 (135.00)	ST-300AL
	4	4" - 8"	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	90.34 (199.20)	ST-400AL

	Trade Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		B	C	E	F		
	3/8 flex, 1/2 hub	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	31.8 (1.25)	3.08 (6.80)	ST-9038AL
	1/2	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	31.8 (1.25)	3.13 (6.90)	ST-9050AL
	3/4	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	36.6 (1.44)	5.31 (11.70)	ST-9075AL
	1	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	35.1 (1.38)	8.44 (18.60)	ST-90100AL
	1-1/4	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	45.9 (1.81)	5.51 (34.20)	ST-90125AL
	1-1/2	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	61.9 (2.44)	6.54 (58.50)	ST-90150AL
	2	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	66.8 (2.63)	9.46 (87.00)	ST-90200AL

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS



# Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

Straight and 90° for Liquidtight Flexible Metal Conduit Connections to Sheet Metal Enclosures.

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- For use with liquidtight flexible metal conduit in sheet metal enclosure installations.

## Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Flame resistant, insulating insert recessed into hex-head wedge adapter protects against wire damage, without reduction in throat diameter.
- Space-saving hex-hub wedge adapter fits nearly flush against inside walls of enclosures, providing maximum wiring room.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.



STN-38

## Standard Material/Finish

- 3/8" thru 1" straight: steel
- 1-1/4" thru 4" straight and 3/8" thru 1" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

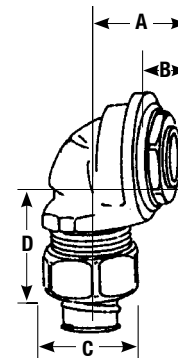
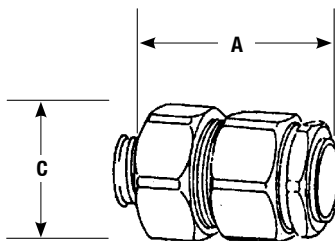
## NEC/CEC Compliances and Certification

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
4	4




## Illustrated Dimensions



# Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

Straight and 90° for Liquidtight Flexible Metal Conduit Connections to Sheet Metal Enclosures.

NEC/CEC — Suitable for use in:  
Class I, Division 2

	Size (Inches)	Millimeters (Inches)								Weight per 100 kg (lb)	Catalog Number
		Dimensions				Hole Diameter		Wall Thickness			
		A	B	C	D	Min.	Max	Min.	Max		
<b>Straight</b>											
	3/8	35.6 (1.44)	—	28.7 (1.13)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	8.16 (18.00)	<b>STN-38</b>
	1/2	35.6 (1.44)	—	31.8 (1.25)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.07 (20.00)	<b>STN-50</b>
	3/4	39.6 (1.56)	—	38.1 (1.50)	—	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	<b>STN-75</b>
	1	44.5 (1.75)	—	45.9 (1.81)	—	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	18.51 (40.80)	<b>STN-100</b>
<b>Straight</b>											
	1-1/4	66.8 (2.63)	—	58.7 (2.31)	—	42.9 (1.69)	45.2 (1.78) 46.7 (1.84)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	56.70 (125.00)	<b>STN-125</b>
	1-1/2	66.8 (2.63)	—	66.8 (2.63)	—	49.3 (1.94)	51.6 (2.03) 53.1 (2.09)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	83.46 (184.00)	<b>STN-150</b>
	2	74.7 (2.94)	—	81.0 (3.19)	—	60.7 (2.39)	64.3 (2.53) 65.8 (2.59)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	127.01 (280.00)	<b>STN-200</b>
	2-1/2	92.2 (3.63)	—	100.1 (3.94)	—	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	230.88 (509.00)	<b>STN-250</b>
	3	81.0 (3.19)	—	111.3 (4.38)	—	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	303.45 (669.00)	<b>STN-300</b>
	4	106.4 (4.19)	—	139.7 (5.50)	—	114.8 (4.52)	117.6 (4.63)	2.3 (0.09)	7.9 (0.31)	390.09 (860.00)	<b>STN-400</b>
<b>90°</b>											
	3/8	21.3 (0.84)	11.2 (0.44)	28.7 (1.13)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.53 (21.00)	<b>STN-9038</b>
	1/2	21.3 (0.84)	11.2 (0.44)	31.8 (1.25)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	<b>STN-9050</b>
	3/4	23.9 (0.94)	12.7 (0.5)	38.1 (1.50)	42.9 (1.69)	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	16.33 (36.00)	<b>STN-9075</b>
	1	27.9 (1.10)	17.5 (0.69)	45.9 (1.81)	47.8 (1.88)	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	36.29 (80.00)	<b>STN-90100</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

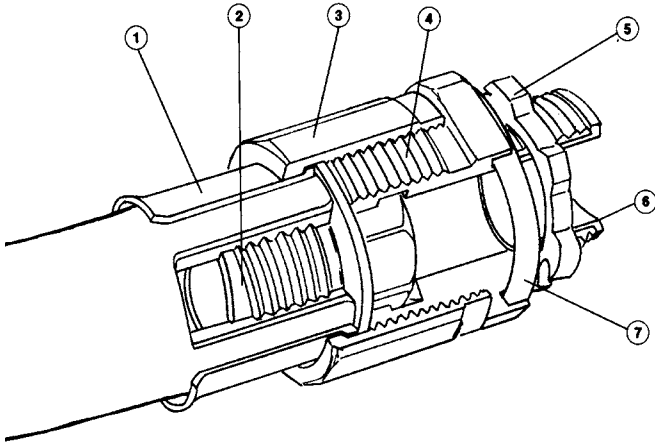


# Liquidtight Flexible Nonmetallic Conduit Connectors

Featuring "Floating Sleeve" Design.

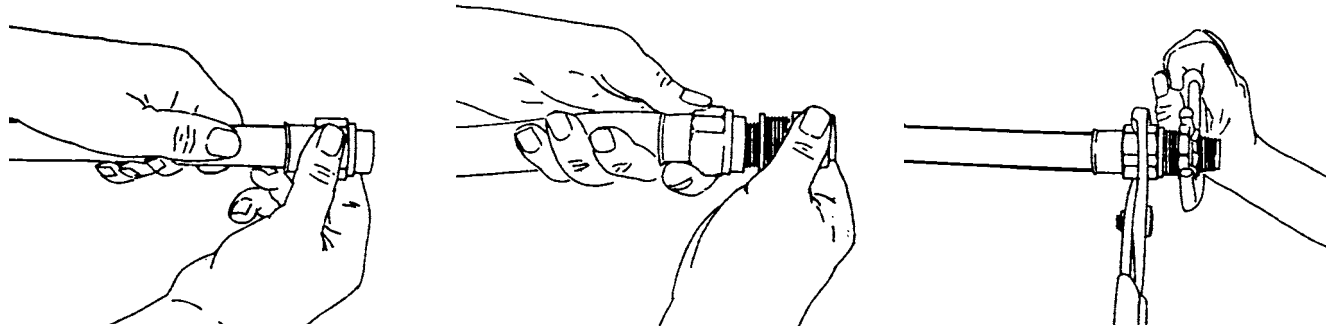
NEC/CEC:  
Listed for Ordinary Locations

## Illustrated Dimensions



1. Floating sleeve self-aligns to minor conduit variations and protects seal from conduit flexing.
2. Nylon ferrule's deep-biting threads prevent pull-out.
3. Compression nut squeezes conduit tightly between sleeve and ferrule.
4. Connector body prevents conduit from twisting and binding.
5. Locknut bites in for vibration-proof connection.
6. Insulated throat protects conductor insulation.
7. "O" ring forms tight seal to metal surfaces.

## Assembly Instructions



1. Slide compression nut with captive floating sleeve over end of Type A conduit (exposing about one inch of conduit). Sleeve self-aligns to compensate for minor conduit surface irregularities or non-uniform conduit wall thickness. Nut moves freely over sleeve, which doesn't rotate. Nut can't bind...conduit can't twist during assembly or disassembly.

2. Use connector body as "wrench" to thread rugged nylon ferrule into inner wall of conduit. (The octagonal head of the ferrule mates precisely with the matching octagonal recess in the connector body.) The ferrule threads bite deeply into the conduit wall for a positive seal. Provides superior pull-out resistance.

3. Wrench-tighten until nut contacts shoulder on body to complete assembly. This tightly compresses conduit between sleeve and ferrule for a positive liquidtight seal. When tightened, floating sleeve extends beyond compression nut to protect connection from strain of flexing.

# Liquidtight STNM™ Type A Flexible Nonmetallic Conduit Connectors

NEC/CEC — Suitable for use in:  
Class I, Division 2

## Applications

- STNM™ connectors with exclusive "floating sleeve" reduces installation time when connecting to Type A nonmetallic flexible conduit.

## Features

- Eliminates common connection problems and assures a liquidtight, concretetight seal against oil, water, dirt and chemicals.
- The positive, pull out proof seal formed by a STNM™ connector begins with its deep-threaded ferrule that bites into the inner wall of the conduit.
- The sleeve separates the STNM™ series apart from ordinary connectors. The sleeve is held captive within a compression nut that allows it to move freely and self-align with the conduit having a slightly irregular surface or varying wall thickness.
- The nut rides only on the sleeve and not on the conduit. It cannot bend or twist the conduit, and thereby protects wiring. When fully tightened, the flared sleeve extends beyond the nut, providing additional protection from flexing.




- Ease of assembly and disassembly of STNM™ connectors permits make-up of harnesses in advance for fast, simple connections during production line assemblies.
- Available in straight and 90° styles from 3/8" thru 2". Insulated throats are standard on all connectors. Connectors are furnished with locknut and neoprene "O" ring for a liquidtight seal to JIC boxes.

## Standard Material/Finish

- Body: steel
- Compression nut: steel
- Sleeve: steel
- Ferrule: nylon
- Wire mesh: stainless steel
- "O" ring: neoprene

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 065178

	Trade Size (Inches)	Dimensions in Millimeters (Inches)					Weight per 100 kg (lb)	Catalog Number
		A	B	C	D	E		
<b>Straight</b>								
	3/8	54.9 (2.16)	15.0 (0.59)	29.5 (1.16)	—	—	10.21 (22.50)	STNM-38
	1/2	65.8 (2.59)	15.0 (0.59)	33.3 (1.31)	—	—	14.65 (32.30)	STNM-50
	3/4	65.8 (2.59)	15.0 (0.59)	41.4 (1.63)	—	—	20.09 (44.30)	STNM-75
	1	73.2 (2.88)	18.3 (0.72)	49.3 (1.94)	—	—	29.03 (64.00)	STNM-100
	1-1/4	86.6 (3.41)	19.1 (0.75)	61.2 (2.41)	—	—	53.98 (119.00)	STNM-125
	1-1/2	87.4 (3.44)	19.1 (0.75)	70.6 (2.78)	—	—	23.04 (50.80)	STNM-150
	2	100.8 (3.97)	19.1 (0.75)	85.9 (3.38)	—	—	107.50 (237.00)	STNM-200
<b>90°</b>								
	3/8	-	15.0 (0.59)	29.5 (1.16)	31.8 (1.25)	51.6 (2.03)	13.52 (29.80)	STNM-9038
	1/2	-	15.0 (0.59)	33.3 (1.31)	32.5 (1.28)	60.5 (2.38)	17.24 (38.00)	STNM-9050
	3/4	-	15.0 (0.59)	41.4 (1.63)	36.6 (1.44)	63.5 (2.50)	24.72 (54.50)	STNM-9075
	1	-	18.3 (0.72)	49.3 (1.94)	44.5 (1.75)	69.9 (2.75)	36.74 (81.00)	STNM-90100
	1-1/4	-	19.1 (0.75)	61.2 (2.41)	50.0 (1.97)	88.1 (3.47)	69.40 (153.00)	STNM-90125
	1-1/2	-	19.1 (0.75)	70.6 (2.78)	57.2 (2.25)	91.2 (3.59)	91.31 (201.30)	STNM-90150
	2	-	19.1 (0.75)	85.9 (3.38)	64.3 (2.53)	112.0 (4.41)	141.52 (312.00)	STNM-90200
<b>Wire Mesh Strain Relief</b>								
<i>The STNM-SR Series with cap can be substituted for any related trade size STNM™ Series cap to convert it to a connector with a wire mesh strain relief.</i>								
	3/8	—	—	—	—	—	2.45 (5.40)	STNM-SR38
	1/2	—	—	—	—	—	5.31 (11.70)	STNM-SR50
	3/4	—	—	—	—	—	7.30 (16.10)	STNM-SR75
	1	—	—	—	—	—	8.48 (18.70)	STNM-SR100
	1-1/4	—	—	—	—	—	9.71 (21.40)	STNM-SR125
	1-1/2	—	—	—	—	—	12.11 (26.70)	STNM-SR150
	2	—	—	—	—	—	14.56 (32.10)	STNM-SR200

# PG and ISO Metric Thread Liquidtight Insulated Connectors

For Liquidtight Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

## Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements. The ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Insulated throat protects against wire damage.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined metric threads.
- Compact design with small turning radius.



PG 3811-STB

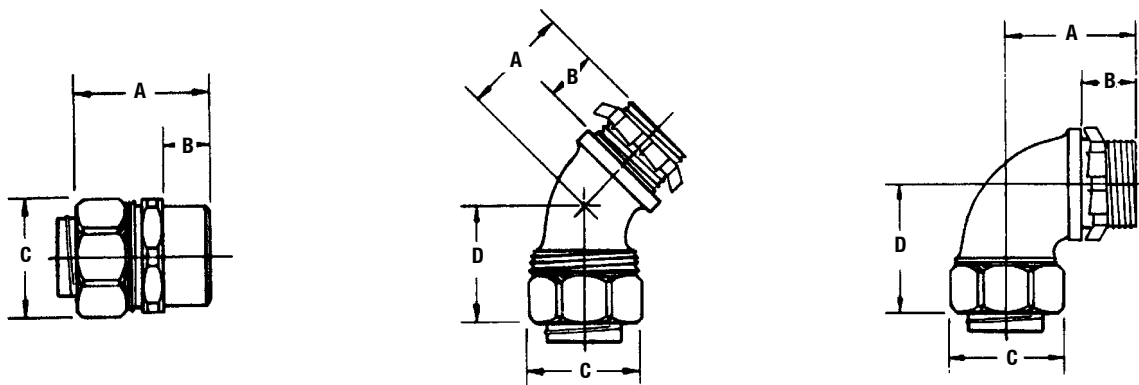
## Standard Material/Finish

- 3/8" thru 1" straight: steel
- 1-1/4" thru 2" straight and 3/8" thru 2" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 2" ferrule: aluminum
- Insulators: nylon
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 65178
- PG Metric Thread — German Industry Std. DIN 40430
- ISO Metric Thread — British Standard BS3643 Part 2




## Illustrated Dimensions



# PG and ISO Metric Thread Liquidtight Insulated Connectors

For Liquidtight Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations




	Flexible Conduit Size (Inches)	Dimensions in Millimeters (Inches)				Metric Thread	Weight per 100 kg (lb)	Catalog Number
		A	B	C	D			
<b>PG Metric Thread – Straight – Blue Insulators</b>								
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	11	6.80 (15.00)	<b>PG 3811-STB</b>
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	13.5	6.80 (15.00)	<b>PG 3813-STB</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	16	7.17 (15.80)	<b>PG 50-STB</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	21	10.66 (23.50)	<b>PG 75-STB</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	29	15.42 (34.00)	<b>PG 100-STB</b>
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	36	38.10 (84.00)	<b>PG 125-STB</b>
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	42	55.57 (122.50)	<b>PG 150-STB</b>
2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	48	68.04 (150.00)	<b>PG 200-STB</b>	
<b>45°</b>								
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	11	10.43 (23.00)	<b>PG45 3811-STB</b>
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	13.5	10.43 (23.00)	<b>PG45 3813-STB</b>
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	16	10.89 (24.00)	<b>PG45 50-STB</b>
	3/4	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	21	17.69 (39.00)	<b>PG45 75-STB</b>
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	29	28.12 (62.00)	<b>PG45 100-STB</b>
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	36	51.71 (114.00)	<b>PG45 125-STB</b>
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	42	71.21 (157.00)	<b>PG45 150-STB</b>
2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	48	122.47 (270.00)	<b>PG45 200-STB</b>	
<b>90°</b>								
	3/8	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	11	10.43 (23.00)	<b>PG90 3811-STB</b>
	3/8	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	13.5	10.43 (23.00)	<b>PG90 3813-STB</b>
	1/2	31.8 (1.25)	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	16	10.89 (24.00)	<b>PG90 50-STB</b>
	3/4	36.6 (1.44)	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	21	17.69 (39.00)	<b>PG90 75-STB</b>
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	29	28.12 (62.00)	<b>PG90 100-STB</b>
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	36	51.71 (114.00)	<b>PG90 125-STB</b>
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	42	71.21 (157.00)	<b>PG90 150-STB</b>
2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	48	122.47 (270.00)	<b>PG90 200-STB</b>	

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton

# PG and ISO Metric Thread Liquidtight Insulated Connectors

NEC/CEC:  
Listed for Ordinary Locations

	Flexible Conduit Size (Inches)	Dimensions in Millimeters (Inches)				Metric Thread	Weight per 100 kg (lb)	Catalog Number
		A	B	C	D			
<b>ISO Metric Thread – Straight – Green Insulators</b>								
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	16	6.35 (14.00)	<b>ISO 3816-STB</b>
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20	6.80 (15.00)	<b>ISO 5020-STB</b>
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	25	9.98 (22.00)	<b>ISO 7525-STB</b>
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32	14.97 (33.00)	<b>ISO 10032-STB</b>
<b>45°</b>								
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	16	7.71 (17.00)	<b>ISO45 3816-STB</b>
	1/2	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	20	8.16 (18.00)	<b>ISO45 5020-STB</b>
	3/4	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	25	16.78 (37.00)	<b>ISO45 7525-STB</b>
	1	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	32	21.32 (47.00)	<b>ISO45 10032-STB</b>
<b>90°</b>								
	3/8	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	16	9.98 (22.00)	<b>ISO90 3816-STB</b>
	1/2	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	20	10.43 (23.00)	<b>ISO90 5020-STB</b>
	3/4	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	25	21.32 (47.00)	<b>ISO90 7525-STB</b>
	1	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	32	25.40 (56.00)	<b>ISO90 10032-STB</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS





# Liquidtight Accessories

For Liquidtight Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- STG sealing gaskets: gaskets provide a positive seal between shoulder of connector and sheet metal enclosure.

## Features

- STG sealing gaskets in sizes 1/4" and 3/8" are one piece elastomeric gaskets. Size 1/2" thru 2" have unique bonded gasket/retaining-ring assembly for easy installation. Sizes 2-1/2" thru 5" have separate gasket and retaining ring. 1/4" and 3/8" available in thermoplastic material.

	Trade Size (Inches)	Weight per 100 kg (lb)	Catalog Number
--	---------------------	------------------------	----------------

### Steel Backed Neoprene Sealing Gasket Assembly ①



1/4	0.45 (1.00)	<b>STG-25</b> ②
1/2	0.45 (1.00)	<b>STG-38</b> ②
1/2	0.45 (1.00)	<b>STG-50</b>
3/4	0.45 (1.00)	<b>STG-75</b>
1	0.64 (1.40)	<b>STG-100</b>
1-1/4	1.63 (3.60)	<b>STG-125</b>
1-1/2	2.72 (6.00)	<b>STG-150</b>
2	2.72 (6.00)	<b>STG-200</b>
2-1/2	4.31 (9.50)	<b>STG-250</b>
3	5.44 (12.00)	<b>STG-300</b>
3-1/2	6.35 (14.00)	<b>STG-350</b>
4	6.80 (15.00)	<b>STG-400</b>

### Patented Replacement Grounding Ferrule ③

(for use in Appleton™ ST Series only)

#### Steel



3/8	0.91 (2.00)	<b>STF-38</b>
1/2	0.91 (2.00)	<b>STF-50</b>
3/4	1.36 (3.00)	<b>STF-75</b>
1	3.63 (8.00)	<b>STF-100</b>

#### Aluminum



1-1/4	1.81 (4.00)	<b>STF-125</b>
1-1/2	1.45 (3.20)	<b>STF-150</b>
2	2.72 (6.00)	<b>STF-200</b>
2-1/2	10.43 (23.00)	<b>STF-250</b>
3	7.26 (16.00)	<b>STF-300</b>
3-1/2	22.68 (50.00)	<b>STF-350</b>
4	17.24 (38.00)	<b>STF-400</b>

① Not for use with STN.

② Elastomer without steel backing.

③ Not UL Listed.

## Standard Material

- STG sealing gaskets: steel retaining ring, neoprene gasket, elastomeric gasket
- STF: 3/8" thru 1": steel; 1-1/4" thru 4": aluminum
- ST-SR: stainless steel

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178 (STG Series)
- NEMA: FB-1

## Wire Mesh Strain Relief

The ST-SR Series with cap can be substituted for any related trade size ST Series cap to convert it to a Liquidtight connector with wire mesh strain relief.



Trade Size (Inches)	Weight per 100 kg (lb)	Catalog Number
3/8	2.45 (5.40)	<b>ST-SR38</b>
1/2	4.85 (10.70)	<b>ST-SR50</b>
3/4	7.30 (16.10)	<b>ST-SR75</b>
1	8.48 (18.70)	<b>ST-SR100</b>
1-1/4	9.71 (21.40)	<b>ST-SR125</b>
1-1/2	12.11 (26.70)	<b>ST-SR150</b>
2	14.56 (32.10)	<b>ST-SR200</b>
2-1/2	26.67 (58.80)	<b>ST-SR250</b>
3	38.78 (85.50)	<b>ST-SR300</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton

# 4Q Straight Liquidtight Connectors

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- To secure, ground and seal liquidtight flexible metal Conduit, Type LFMC, to boxes and enclosures..

## Features

- Tapered threaded male hub — NPT
- Compact, slim diameter with small turning radius
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/2" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/4" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Reusable ferrule
- Inspection windows in ferrule to ensure full engagement
- See our patented ferrule wrench which makes ferrule installation easy.

## Standard Materials

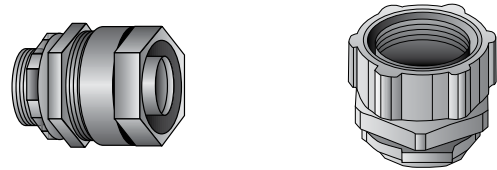
- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

- Zinc electroplated

## Options

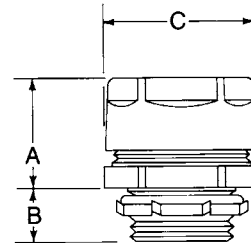
- Available hot dip/mechanically galvanized.



Type 4Q-38 — Type 4Q-200

Type 4Q-250 — Type 4Q-600

## Illustrated Dimensions



## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	A	B	C		
3/8 (1/2 KO)	25.40 (1.00)	12.70 (0.50)	28.70 (1.13)	<b>4Q-38</b>	<b>4Q-38T</b>
1/2	25.40 (1.00)	12.70 (0.50)	31.75 (1.25)	<b>4Q-50</b>	<b>4Q-50T</b>
3/4	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	<b>4Q-75</b>	<b>4Q-75T</b>
1	31.75 (1.25)	16.00 (0.63)	44.45 (1.75)	<b>4Q-100</b>	<b>4Q-100T</b>
1-1/4	35.05 (1.38)	16.00 (0.63)	63.50 (2.50)	<b>4Q-125</b>	<b>4Q-125T</b>
1-1/2	35.05 (1.38)	16.00 (0.63)	69.85 (2.75)	<b>4Q-150</b>	<b>4Q-150T</b>
2	38.10 (1.50)	16.00 (0.63)	82.55 (3.25)	<b>4Q-200</b>	<b>4Q-200T</b>
2-1/2	50.80 (2.00)	25.40 (1.00)	104.90 (4.13)	<b>4Q-250</b>	<b>4Q-250T</b>
3	50.80 (2.00)	28.70 (1.13)	123.95 (4.88)	<b>4Q-300</b>	<b>4Q-300T</b>
3-1/2	57.15 (2.25)	31.75 (1.25)	123.95 (4.88)	<b>4Q-350</b>	<b>4Q-350T</b>
4	57.15 (2.25)	31.75 (1.25)	155.70 (6.13)	<b>4Q-400</b>	<b>4Q-400T</b>
5	60.45 (2.38)	28.70 (1.13)	187.45 (7.38)	<b>4Q-500</b> ①	<b>4Q-500T</b> ①
6	63.50 (2.50)	35.05 (1.38)	219.20 (8.63)	<b>4Q-600</b> ①②	<b>4Q-600T</b> ①②

① UL Listing not applicable.

② CSA Certification not applicable.

# 4Q Straight Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

**NEC/CEC — Suitable for use in the following**

**Hazardous Locations:**

Class I, Division 2 per NEC 501.4(B)

Class I, Zone 2 per NEC 505.15(C)(2)

Class II, Division 1 per NEC 502.4(A)(1)(e)

Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following**

**Hazardous Locations:**

Class III, Division 1 per NEC 503.3(A)(2)

Class III, Division 2 per NEC 503.3(B)

Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit and terminates bonding conductor run externally alongside liquidtight conduit to threaded rigid conduit and IMC.

## Features

- Positive grounding type.
- Liquidtight flexible metal conduit to threaded rigid conduit and IMC.
- Female hub — NPT.
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight.
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Long ferrule prevents pull-out and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

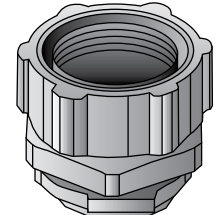
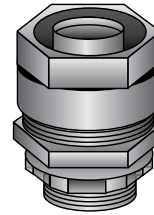
- Zinc electroplated

## Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.

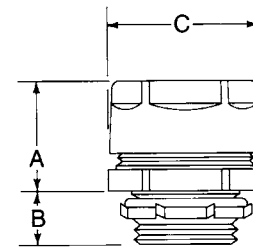
## NEC/CEC Certifications and Compliances

- UL Listed: E-24264
- CSA Certified: 9795



Type 4Q-38TG — Type 4Q-200TG    Type 4Q-250TG — Type 4Q-600TG

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Insulated Throat Catalog Number
	A	B	C	
3/8 (1/2 KO)	25.40 (1.00)	12.70 (0.50)	28.70 (1.13)	4Q-38TG
1/2	25.40 (1.00)	12.70 (0.50)	31.75 (1.25)	4Q-50TG
3/4	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	4Q-75TG
1	31.75 (1.25)	16.00 (0.63)	44.45 (1.75)	4Q-100TG
1-1/4	35.05 (1.38)	16.00 (0.63)	63.50 (2.50)	4Q-125TG
1-1/2	35.05 (1.38)	16.00 (0.63)	69.85 (2.75)	4Q-150TG
2	38.10 (1.50)	16.00 (0.63)	82.55 (3.25)	4Q-200TG
2-1/2	50.80 (2.00)	25.40 (1.00)	104.90 (4.13)	4Q-250TG
3	50.80 (2.00)	28.70 (1.13)	123.95 (4.88)	4Q-300TG
3-1/2	57.15 (2.25)	31.75 (1.25)	123.95 (4.88)	4Q-350TG
4	57.15 (2.25)	31.75 (1.25)	155.70 (6.13)	4Q-400TG
5	60.45 (2.38)	28.70 (1.13)	187.45 (7.38)	4Q-500TG ①
6	63.50 (2.50)	35.05 (1.38)	219.20 (8.63)	4Q-600TG ①②

① UL Listing not applicable.

② CSA Certification not applicable.

# 4Q 45° and 90° Liquidtight Connectors

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
Class I, Division 2 per NEC 501.4(B)  
Class I, Zone 2 per NEC 505.15(C)(2)  
Class II, Division 1 per NEC 502.4(A)(1)(e)  
Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
Class III, Division 1 per NEC 503.3(A)(2)  
Class III, Division 2 per NEC 503.3(B)  
Intrinsically Safe per NEC 504.20

## Applications

- To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

## Features

- Tapered threaded male hub — NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding Wedge Locknuts are recommended in Hazardous Locations. See 101 Series.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

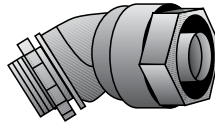
- Zinc electroplated

## Options

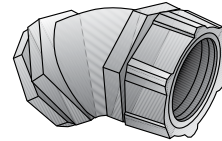
- Available hot dip/mechanically galvanized.

## NEC/CEC Certifications and Compliances

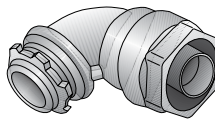
- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1



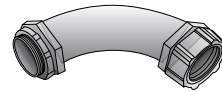
Type 4Q-438 — Type 4Q-4200



Type 4Q-4250 — Type 4Q-4500



Type 4Q-938 — Type 4Q-9200



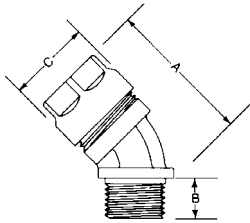
Type 4Q-9250 — Type 4Q-9500

# 4Q 45° and 90° Liquidtight Connectors

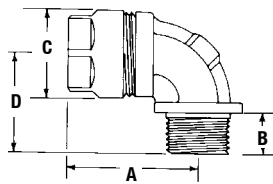
NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	A	B	C Dia.		
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	4Q-438	4Q-438T
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	4Q-450	4Q-450T
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	4Q-475	4Q-475T
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	4Q-4100	4Q-4100T
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	4Q-4125	4Q-4125T
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	4Q-4150	4Q-4150T
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	4Q-4200	4Q-4200T
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	4Q-4250	4Q-4250T
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	4Q-4300	4Q-4300T
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	4Q-4400	4Q-4400T
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	4Q-4500 <sup>①</sup>	4Q-4500T <sup>①</sup>



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	A	B	C	D		
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	35.05 (1.38)	4Q-938	4Q-938T
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	35.05 (1.38)	4Q-950	4Q-950T
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	38.10 (1.50)	4Q-975	4Q-975T
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	41.40 (1.63)	4Q-9100	4Q-9100T
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	54.10 (2.13)	4Q-9125	4Q-9125T
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	57.15 (2.25)	4Q-9150	4Q-9150T
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	73.15 (2.88)	4Q-9200	4Q-9200T
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	181.10 (7.13)	4Q-9250	4Q-9250T
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	215.90 (8.50)	4Q-9300	4Q-9300T
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	279.40 (11.00)	4Q-9400	4Q-9400T
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	355.60 (14.00)	4Q-9500 <sup>①</sup>	4Q-9500T <sup>①</sup>



COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

OZGEDNEY

<sup>①</sup> UL Listing not applicable.

# 4Q 45° and 90° Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

NEC/CEC — Suitable for use in the following

Hazardous Locations:

- Class I, Division 2 per NEC 501.4(B)
- Class I, Zone 2 per NEC 505.15(C)(2)
- Class II, Division 1 per NEC 502.4(A)(1)(e)
- Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC — Suitable for use in the following

Hazardous Locations:

- Class III, Division 1 per NEC 503.3(A)(2)
- Class III, Division 2 per NEC 503.3(B)
- Intrinsically Safe per NEC 504.20

## Applications

- To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

## Features

- Tapered threaded male hub NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required.
- Suitable for use in the following Hazardous Locations:
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.
- Provided with insulated throat.

## Standard Materials

- Malleable iron
- Steel ferrule

## Standard Finishes

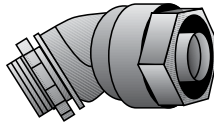
- Malleable iron - galvanized
- Steel ferrule - zinc electroplated

## Options

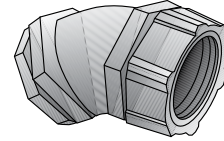
- Available hot dip/mechanically galvanized.

## NEC/CEC Certifications and Compliances

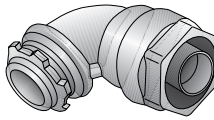
- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1



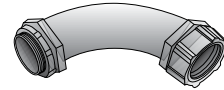
Type 4Q-438TG — Type 4Q-4200TG



Type 4Q-4250TG — Type 4Q-4500TG



Type 4Q-938TG — Type 4Q-9200TG



Type 4Q-9250TG — Type 4Q-9500TG

# 4Q 45° and 90° Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

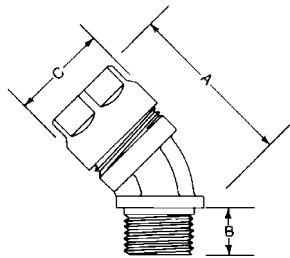
Suitable for use in the following Hazardous Locations:

- Class I, Division 2 per NEC 501.4(B)
- Class I, Zone 2 per NEC 505.15(C)(2)
- Class II, Division 1 per NEC 502.4(A)(1)(e)
- Class II, Division 2 per NEC 502.4(B)(2)

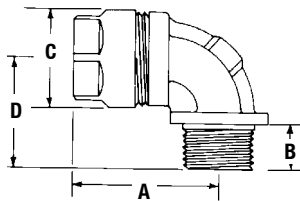
Suitable for use in the following Hazardous Locations:

- Class III, Division 1 per NEC 503.3(A)(2)
- Class III, Division 2 per NEC 503.3(B)
- Intrinsically Safe per NEC 504.20

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	A	B	C Dia.		
3/8 (1/2 KO)	47.75 (1.88)	14.22 (0.56)	28.70 (1.13)	4Q-438	4Q-438TG
1/2	47.75 (1.88)	14.22 (0.56)	31.75 (1.25)	4Q-450	4Q-450TG
3/4	57.15 (2.25)	14.22 (0.56)	38.10 (1.50)	4Q-475	4Q-475TG
1	60.45 (2.38)	12.70 (0.50)	44.45 (1.75)	4Q-4100	4Q-4100TG
1-1/4	82.55 (3.25)	16.00 (0.63)	57.15 (2.25)	4Q-4125	4Q-4125TG
1-1/2	85.85 (3.38)	16.00 (0.63)	66.80 (2.63)	4Q-4150	4Q-4150TG
2	101.60 (4.00)	16.00 (0.63)	76.20 (3.00)	4Q-4200	4Q-4200TG
2-1/2	146.05 (5.75)	25.40 (1.00)	104.90 (4.13)	4Q-4250	4Q-4250TG
3	165.10 (6.50)	28.70 (1.13)	123.95 (4.88)	4Q-4300	4Q-4300TG
4	190.50 (7.50)	31.75 (1.25)	155.70 (6.13)	4Q-4400	4Q-4400TG
5	203.20 (8.00)	31.75 (1.25)	187.45 (7.38)	4Q-4500 ①	4Q-4500TG ①



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	A	B	C	D		
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	35.05 (1.38)	4Q-938	4Q-938TG
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	35.05 (1.38)	4Q-950	4Q-950TG
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	38.10 (1.50)	4Q-975	4Q-975TG
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	41.40 (1.63)	4Q-9100	4Q-9100TG
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	54.10 (2.13)	4Q-9125	4Q-9125TG
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	57.15 (2.25)	4Q-9150	4Q-9150TG
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	73.15 (2.88)	4Q-9200	4Q-9200TG
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	181.10 (7.13)	4Q-9250	4Q-9250TG
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	215.90 (8.50)	4Q-9300	4Q-9300TG
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	279.40 (11.00)	4Q-9400	4Q-9400TG
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	355.60 (14.00)	4Q-9500 ①	4Q-9500TG ①



① UL Listing not applicable.

# 4Q-FM Liquidtight Combination Couplings

For Threaded RMC and IMC

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

**Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit to threaded rigid conduit and IMC.

## Features

- Female hub — NPT for connection to threaded conduit
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Reusable ferrule
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

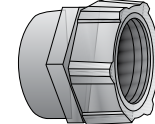
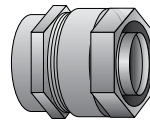
- Malleable iron
- Steel ferrule

## Standard Finishes

- Zinc plated

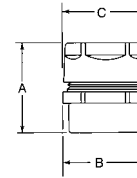
## Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.



Type 4Q-38FM — Type 4Q-200FM    Type 4Q-250FM — Type 4Q-500FM

## Illustrated Dimensions



## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
3/8 (1/2 KO)	30.23 (1.19)	28.70 (1.13)	42.93 (1.69)	<b>4Q-38FM</b>
1/2	39.62 (1.56)	33.27 (1.31)	31.75 (1.25)	<b>4Q-50FM</b>
3/4	41.40 (1.63)	39.62 (1.56)	38.10 (1.50)	<b>4Q-75FM</b>
1	45.97 (1.81)	45.97 (1.81)	44.45 (1.75)	<b>4Q-100FM</b>
1-1/4	50.80 (2.00)	60.45 (2.38)	63.50 (2.50)	<b>4Q-125FM</b>
1-1/2	54.10 (2.13)	66.80 (2.63)	69.85 (2.75)	<b>4Q-150FM</b>
2	57.15 (2.25)	82.55 (3.25)	82.55 (3.25)	<b>4Q-200FM</b>
2-1/2	82.55 (3.25)	98.55 (3.88)	104.90 (4.13)	<b>4Q-250FM</b>
3	85.85 (3.38)	117.60 (4.63)	123.95 (4.88)	<b>4Q-300FM</b>
3-1/2	98.55 (3.88)	136.65 (5.38)	123.95 (4.88)	<b>4Q-350FM</b>
4	95.25 (3.75)	146.05 (5.75)	155.70 (6.13)	<b>4Q-400FM</b>
5	98.55 (3.88)	162.05 (6.38)	187.45 (7.38)	<b>4Q-500FM</b> ①

①UL Listing not applicable.



# 4Q-WM Wire Mesh Liquidtight Connectors with Wire Mesh Strain Relief

With Wire Mesh Grips and Insulated Throats

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- To secure, ground and seal liquidtight flexible metal conduit to enclosures and prevent conduit pull-out when subject to motion or strain.

## Features

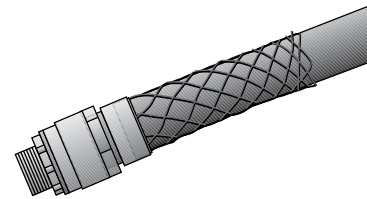
- Tapered threaded male hub NPT
- Furnished with locknut and KO sealing ring.
- Provided with insulated throat
- Wire mesh prevents pull-out and tight end conduit “pop-out”
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4” and larger require thread sealant).
- Suitable for grounding through 1-1/4” trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2” and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in Hazardous Locations. See 101.
- Suitable for wet locations
- Inspection windows in ferrule to ensure full conduit engagement
- Stainless steel single weave design.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule
- Stainless steel

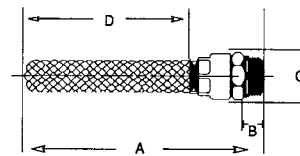
## Standard Finishes

- Zinc electroplated
- Wire mesh



Type 4Q-WM

## Illustrated Dimensions



## Options

- Consult your local representative for 45°, 90°, FM and L (Ground-Tite style) applications.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
3/8	120.65 (4.75)	12.70 (0.50)	33.27 (1.31)	50.80 (2.00)	4Q-38WM
1/2	141.22 (5.56)	14.22 (0.56)	33.27 (1.31)	63.50 (2.50)	4Q-50WM
3/4	160.27 (6.31)	14.22 (0.56)	38.10 (1.50)	76.20 (3.00)	4Q-75WM
1	190.50 (7.50)	16.00 (0.63)	47.75 (1.88)	82.55 (3.25)	4Q-100WM
1-1/4	211.07 (8.31)	17.53 (0.69)	63.50 (2.50)	139.70 (5.50)	4Q-125WM
1-1/2	249.17 (9.81)	17.53 (0.69)	63.50 (2.50)	177.80 (7.00)	4Q-150WM
2	271.53 (10.69)	19.05 (0.75)	81.03 (3.19)	177.80 (7.00)	4Q-200WM
2-1/2	292.10 (11.50)	25.40 (1.00)	104.90 (4.13)	209.55 (8.25)	4Q-250WM
3	358.90 (14.13)	28.70 (1.13)	123.95 (4.88)	266.70 (10.5)	4Q-300WM
4	403.35 (15.88)	31.75 (1.25)	155.70 (6.13)	304.80 (12.00)	4Q-400WM

# 4Q Liquidtight Sealing Ring Assemblies

With Wire Mesh Grips and Insulated Throats

NEC/CEC:  
Rated for Ordinary Locations

## Applications

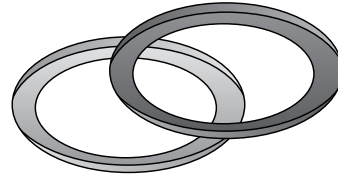
- Provides a positive seal between shoulder of fitting and enclosure

## Standard Materials

- Steel Retaining Ring
- Neoprene Gasket

## Standard Finishes

- Zinc electroplated



Type 4Q-G

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Trade Size (Inches)	Catalog Number
3/8 (1/2 KO)	4QG-50 ①
1/2	4QG-50
3/4	4QG-75
1	4QG-100
1-1/4	4QG-125
1-1/2	4QG-150
2	4QG-200
2-1/2	4QG-250
3	4QG-300
3-1/2	4QG-350
4	4QG-400
5	4QG-500

① May be used with 3/8" trade size fittings with 1/2" Hub Size.

# Ground-Tite® 4Q Grounding Liquidtight Connectors

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit and terminates bonding conductor run externally alongside liquidtight conduit.

## Features

- Positive grounding type.
- Tapered threaded male hub NPT.
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Long ferrule prevents pull-out and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

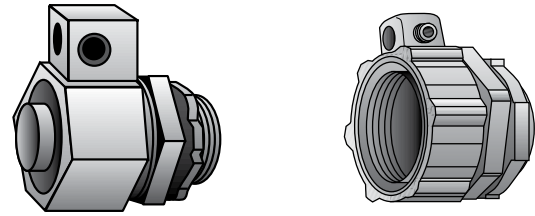
- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

- Zinc electroplated

## Options

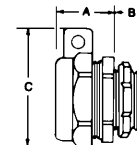
- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.



Type 4Q-38L — Type 4Q-200L

Type 4Q-250L — Type 4Q-600L

## Illustrated Dimensions



## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 9795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Turning Radius Gland Nut		Ground Wire Size		Catalog Number	Insulated Throat Catalog Number
	A	B	C		Min	Max	Min	Max		
3/8 (1/2 KO)	22.35 (0.88)	12.70 (0.5)	42.93 (1.69)	26.92 (1.06)	14	4	4Q-38L	4Q-38LT		
1/2	22.35 (0.88)	12.70 (0.5)	47.75 (1.88)	30.23 (1.19)	14	4	4Q-50L	4Q-50LT		
3/4	25.40 (1.00)	12.70 (0.5)	54.10 (2.13)	33.27 (1.31)	14	4	4Q-75L	4Q-75LT		
1	28.70 (1.13)	16.00 (0.63)	60.45 (2.38)	36.58 (1.44)	14	4	4Q-100L	4Q-100LT		
1-1/4	33.27 (1.31)	16.00 (0.63)	73.15 (2.88)	44.45 (1.75)	6	1/0	4Q-125L	4Q-125LT		
1-1/2	35.05 (1.38)	16.00 (0.63)	82.55 (3.25)	47.75 (1.88)	6	1/0	4Q-150L	4Q-150LT		
2	38.10 (1.50)	16.00 (0.63)	95.25 (3.75)	55.63 (2.19)	6	1/0	4Q-200L	4Q-200LT		
2-1/2	49.28 (1.94)	25.40 (1.00)	117.60 (4.63)	69.85 (2.75)	1	4/0	4Q-250L	4Q-250LT		
3	49.28 (1.94)	28.70 (1.13)	134.87 (5.31)	77.72 (3.06)	1	4/0	4Q-300L	4Q-300LT		
3-1/2	66.80 (2.63)	28.70 (1.13)	147.57 (5.81)	85.85 (3.38)	1	4/0	4Q-350L	4Q-350LT		
4	57.15 (2.25)	31.75 (1.25)	165.10 (6.50)	92.20 (3.63)	1	4/0	4Q-400L	4Q-400LT		
5	55.63 (2.19)	28.70 (1.13)	190.50 (7.50)	106.43 (4.19)	1	4/0	4Q-500L ①	4Q-500LT ①		
6	63.50 (2.50)	35.05 (1.38)	215.90 (8.50)	120.65 (4.75)	1	4/0	4Q-600L ①②	4Q-600LT ①②		

① UL Listing not applicable.

② CSA Certification not applicable.

# Ground-Tite® 4Q 45° Grounding Liquidtight Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit and terminates bonding conductor run externally alongside liquidtight conduit.

## Features

- Positive grounding type.
- Tapered threaded male hub — NPT.
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight.
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Long ferrule prevents pull-out and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

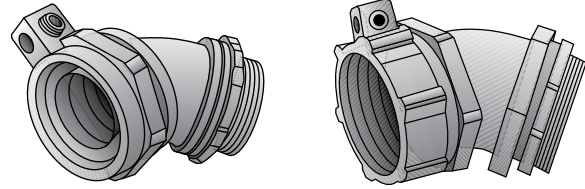
- Zinc electroplated

## Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.

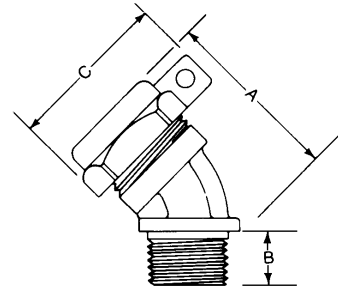
## NEC/CEC Certifications and Compliances

- UL Listed: E-24264
- CSA Certified: 9795



Type 4Q-438L — Type 4Q-4200L      Type 4Q-4250L — Type 4Q-4500L

## Illustrated Dimensions



COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

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Trade Size (Inches)	Dimensions in Millimeters (Inches)			Turning Radius Gland Nut	Ground Wire Size		Catalog Number	Insulated Throat Catalog Number
	A	B	C		Min.	Max.		
3/8 (1/2 KO)	44.45 (1.75)	12.70 (0.50)	42.93 (1.69)	26.92 (1.06)	14	4	4Q-438L	4Q-438LT
1/2	44.45 (1.75)	14.22 (0.56)	47.75 (1.88)	30.23 (1.19)	14	4	4Q-450L	4Q-450LT
3/4	52.32 (2.06)	14.22 (0.56)	54.10 (2.13)	33.27 (1.31)	14	4	4Q-475L	4Q-475LT
1	84.07 (3.31)	12.70 (0.50)	60.45 (2.38)	36.58 (1.44)	14	4	4Q-4100L	4Q-4100LT
1-1/4	76.20 (3.00)	16.00 (0.63)	73.15 (2.88)	44.45 (1.75)	6	1/0	4Q-4125L	4Q-4125LT
1-1/2	79.50 (3.13)	16.00 (0.63)	82.55 (3.25)	47.75 (1.88)	6	1/0	4Q-4150L	4Q-4150LT
2	95.25 (3.75)	14.22 (0.56)	95.25 (3.75)	55.63 (2.19)	6	1/0	4Q-4200L	4Q-4200LT
2-1/2	146.05 (5.75)	25.40 (1.00)	117.60 (4.63)	69.85 (2.75)	1	4/0	4Q-4250L	4Q-4250LT
3	165.10 (6.50)	28.70 (1.13)	134.87 (5.31)	77.72 (3.06)	1	4/0	4Q-4300L	4Q-4300LT
4	190.50 (7.50)	30.23 (1.19)	165.10 (6.50)	92.20 (3.63)	1	4/0	4Q-4400L	4Q-4400LT
5	203.20 (8.00)	31.75 (1.25)	190.50 (7.50)	106.43 (4.19)	1	4/0	4Q-4500L ①	4Q-4500LT ①

① UL Listing not applicable.

# Ground-Tite® 4Q 90° Grounding Liquidtight Connectors

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit and terminates bonding conductor run externally alongside liquidtight conduit.

## Features

- Positive grounding type.
- Tapered threaded male hub— NPT.
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight.
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Long ferrule prevents pull-out and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

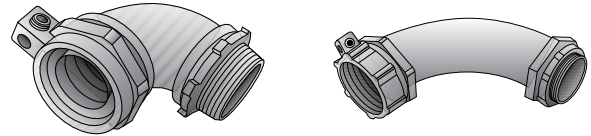
- Zinc electroplated

## Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.

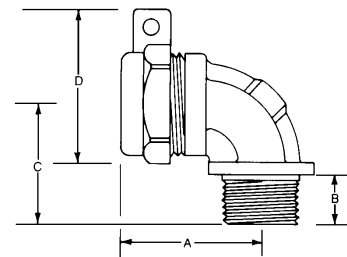
## NEC/CEC Certifications and Compliances

- UL Listed: E-24264
- CSA Certified: 9795



Type 4Q-938L — Type 4Q-9200L      Type 4Q-9250L — Type 4Q-9500L

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Turning Radius Gland Nut	Ground Wire Size		Catalog Number	Insulated Throat Catalog Number
	A	B	C	D		Min.	Max.		
3/8 (1/2 KO)	36.58 (1.44)	12.70 (0.50)	31.75 (1.25)	27.43 (1.08)	42.93 (1.69)	14	4	4Q-938L	4Q-938LT
1/2	36.58 (1.44)	12.70 (0.50)	33.27 (1.31)	47.75 (1.88)	30.23 (1.19)	14	4	4Q-950L	4Q-950LT
3/4	42.93 (1.69)	12.70 (0.50)	38.10 (1.5)	54.10 (2.13)	33.27 (1.31)	14	4	4Q-975L	4Q-975LT
1	47.75 (1.88)	12.70 (0.50)	41.40 (1.63)	60.45 (2.38)	36.58 (1.44)	14	4	4Q-9100L	4Q-9100LT
1-1/4	61.98 (2.44)	14.22 (0.56)	52.32 (2.06)	73.15 (2.88)	44.45 (1.75)	6	1/0	4Q-9125L	4Q-9125LT
1-1/2	66.8 (2.63)	14.22 (0.56)	55.63 (2.19)	82.55 (3.25)	47.75 (1.88)	6	1/0	4Q-9150L	4Q-9150LT
2	82.55 (3.25)	19.05 (0.75)	73.15 (2.88)	95.25 (3.75)	55.63 (2.19)	6	1/0	4Q-9200L	4Q-9200LT
2-1/2	188.98 (7.44)	25.40 (1.00)	181.10 (7.13)	117.60 (4.63)	69.85 (2.75)	1	4/0	4Q-9250L	4Q-9250LT
3	223.77 (8.81)	28.70 (1.13)	215.90 (8.50)	134.87 (5.31)	77.72 (3.06)	1	4/0	4Q-9300L	4Q-9300LT
4	289.05 (11.38)	28.70 (1.13)	279.40 (11.00)	165.10 (6.50)	92.20 (3.63)	1	4/0	4Q-9400L	4Q-9400LT
5	406.40 (16.00)	31.75 (1.25)	355.60 (14.00)	190.50 (7.50)	106.43 (4.19)	1	4/0	4Q-9500L ①	4Q-9500LT ①

① UL Listing not applicable.

# Ground-Tite® 4Q Liquidtight Combination Couplings

NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class I, Division 2 per NEC 501.4(B)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 1 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- Secures, grounds and seals liquidtight flexible metal conduit and terminates bonding conductor run externally alongside liquidtight conduit to threaded rigid conduit and IMC.

## Features

- Positive grounding type.
- Liquidtight flexible metal conduit to threaded rigid conduit and IMC.
- Female hub — NPT.
- Grounding lug is cast as an integral part of malleable iron gland nut. Provides high ground fault withstand capability.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight.
- UL Listed NEMA Type 4 when installed in a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Long ferrule prevents pull-out and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.

## Standard Materials

- Malleable iron body and nut
- Steel ferrule

## Standard Finishes

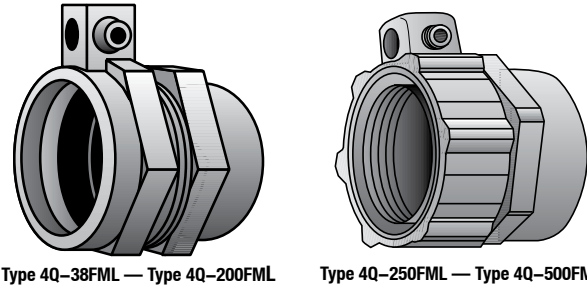
- Zinc electroplated

## Options

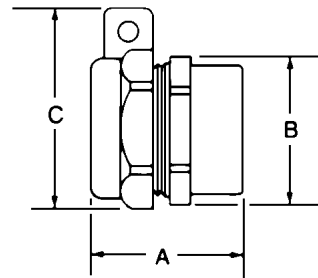
- Hot dip or mechanical galvanize, add suffix -G to catalog number. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Listed: E-24264
- CSA Certified: 9795



## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Turning Radius Gland Nut	Wire Size		Catalog Number
	A	B	C		Min.	Max.	
3/8 (1/2 KO)	39.62 (1.56)	30.23 (1.19)	42.93 (1.69)	28.70 (1.13)	14	4	4Q-38FML
1/2	35.05 (1.38)	33.27 (1.31)	47.75 (1.88)	30.23 (1.19)	14	4	4Q-50FML
3/4	36.58 (1.44)	39.62 (1.56)	54.10 (2.13)	33.27 (1.31)	14	4	4Q-75FML
1	41.40 (1.63)	45.97 (1.81)	60.45 (2.38)	36.58 (1.44)	14	4	4Q-100FML
1-1/4	50.80 (2.00)	58.67 (2.31)	73.15 (2.88)	44.45 (1.75)	6	1/0	4Q-125FML
1-1/2	52.32 (2.06)	65.02 (2.56)	82.55 (3.25)	47.75 (1.88)	6	1/0	4Q-150FML
2	55.63 (2.19)	81.03 (3.19)	95.25 (3.75)	55.63 (2.19)	6	1/0	4Q-200FML
2-1/2	81.03 (3.19)	98.55 (3.88)	117.60 (4.63)	69.85 (2.75)	1	4/0	4Q-250FML
3	85.85 (3.38)	117.60 (4.63)	134.87 (5.31)	77.72 (3.06)	1	4/0	4Q-300FML
3-1/2	98.55 (3.88)	134.87 (5.31)	149.35 (5.88)	85.85 (3.38)	1	4/0	4Q-350FML
4	93.73 (3.69)	146.05 (5.75)	165.10 (6.50)	92.20 (3.63)	1	4/0	4Q-400FML
5	98.55 (3.88)	162.05 (6.38)	190.50 (7.50)	106.43 (4.19)	1	4/0	4Q-500FML ①

① UL Listing not applicable.

# 4Q Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

*NEC/CEC — Suitable for use in the following Hazardous Locations:*

*Class I, Division 2 per NEC 501.4(B)  
Class I, Zone 2 per NEC 505.15(C)(2)  
Class II, Division 1 per NEC 502.4(A)(1)(e)  
Class II, Division 2 per NEC 502.4(B)(2)*

*NEC/CEC — Suitable for use in the following Hazardous Locations:*

*Class III, Division 1 per NEC 503.3(A)(2)  
Class III, Division 2 per NEC 503.3(B)  
Intrinsically Safe per NEC 504.20*

## Type 4Q — TG

Standard zinc electroplated fittings offer more than adequate protection in areas relatively free of highly corrosive fumes and liquids. However, in an atmosphere where severe contaminants are present, a heavy coating of zinc galvanize offers one of the best protections against corrosion. In the processes of hot-dipping or mechanically galvanizing, a large amount of zinc is deposited on the surface of the base metal to a minimum of .002" or about 10 times the usual electroplating thickness.

In the Series 4Q-TG, mechanically galvanized finish is provided on small sizes through 2" on angle connectors and through 4" on straights. Hot-dip galvanized finish is provided on sizes 2 1/2" and larger on angle connectors and 5" and larger on straights. Mechanical galvanizing provides coating thickness and corrosion protection comparable to the hot-dip process but offers the additional advantage of providing heavy plating on threaded surfaces as well. Mechanical galvanizing meets the performance criteria of ASTM A-153 Class D and B-695 Class 50.

### The Process of Mechanical Galvanizing on Smaller Parts Provides:

- Excellent coating uniformity on all surface areas, particularly on threads.
- Complete coating assurance with proper mating of threaded parts.
- A heavier coating than is possible with conventional methods of electroplating.
- Quality and thickness comparable to the hot-dip galvanizing method.
- Favorable comparison with the hot-dip process of parts tested in salt spray and industrial atmospheres.

# 4QS Straight, 45° and 90° Steel Liquidtight Fittings

NEC/CEC— Suitable for use in the following Governed Locations:  
 Class I, Division 2 per NEC 501.10(B)(4)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 2 per NEC 502.4(A)(1)(e)  
 Class II, Division 2 per NEC 502.4(B)(2)

NEC/CEC— Suitable for use in the following Governed Locations:  
 Class III, Division 1 per NEC 503.3(A)(2)  
 Class III, Division 2 per NEC 503.3(B)

## Application

- 4QS liquidtight connectors and liquidtight flexible metallic conduit are used in applications where conditions of installation, operation or maintenance require flexibility or protection from liquids, vapors or solids such as: machine tool building, motor and transformer terminations, robotics assembly, air conditioning equipment installation and Class I, Division 2 wiring.

## Features

- Tapered threaded male NPT hub.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and sealing ring.
- Liquidtight/Raintight/Oiltight.
- UL Listed liquidtight flexible metal conduit fittings from 3/8" thru 1-1/4" trade sizes are suitable for grounding per NEC 250.118(7).
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.

## Standard Material/Finish

- 3/8" thru 1": steel/zinc plated
- 1-1/2" thru 4": malleable iron
- Ferrule: steel/zinc plated
- Sealing ring: nylon

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: 11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 009795
- NEMA: FB-1

## Related Products

- Bonding locknuts are recommended in hazardous locations

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	A	B	C	D		
<b>Straight Type 4QS-38 — Type 4QS-400</b>						
3/8 (1/2 KO)	31.0 (1.22)	38.1 (1.50)	13.7 (0.54)	—	<b>4QS-38</b>	<b>4QS-38T</b>
1/2	34.5 (1.36)	39.6 (1.56)	13.7 (0.54)	—	<b>4QS-50</b>	<b>4QS-50T</b>
3/4	41.2 (1.62)	40.6 (1.60)	15.2 (0.60)	—	<b>4QS-75</b>	<b>4QS-75T</b>
1	48.3 (1.90)	46.7 (1.84)	16.8 (0.66)	—	<b>4QS-100</b>	<b>4QS-100T</b>
1-1/4	62.5 (2.46)	47.8 (1.88)	18.8 (0.74)	—	<b>4QS-125</b>	<b>4QS-125T</b>
1-1/2	69.1 (2.72)	52.8 (2.08)	19.3 (0.76)	—	<b>4QS-150</b>	<b>4QS-150T</b>
2	88.4 (3.48)	58.9 (2.32)	19.3 (0.76)	—	<b>4QS-200</b>	<b>4QS-200T</b>
2-1/2	97.0 (3.82)	86.1 (3.39)	25.9 (1.02)	—	<b>4QS-250</b>	<b>4QS-250T</b>
3	116.1 (4.57)	97.0 (3.82)	26.9 (1.06)	—	<b>4QS-300</b>	<b>4QS-300T</b>
3-1/2	132.8 (5.23)	97.0 (3.82)	27.9 (1.10)	—	<b>4QS-350</b>	<b>4QS-350T</b>
4	149.1 (5.87)	97.0 (3.82)	29.0 (1.14)	—	<b>4QS-400</b>	<b>4QS-400T</b>
<b>45° Type 4QS-438 — Type 4QS-4400</b>						
3/8 (1/2 KO)	31.0 (1.22)	30.2 (1.19)	57.7 (2.27)	13.7 (0.54)	<b>4QS-438</b>	<b>4QS-438T</b>
1/2	34.5 (1.36)	34.3 (1.35)	60.2 (2.37)	13.7 (0.54)	<b>4QS-450</b>	<b>4QS-450T</b>
3/4	41.1 (1.62)	33.5 (1.32)	64.3 (2.53)	15.2 (0.60)	<b>4QS-475</b>	<b>4QS-475T</b>
1	48.3 (1.90)	42.2 (1.66)	77.7 (3.06)	16.8 (0.66)	<b>4QS-4100</b>	<b>4QS-4100T</b>
1-1/4	62.5 (2.46)	51.6 (2.03)	93.0 (3.66)	18.8 (0.74)	<b>4QS-4125</b>	<b>4QS-4125T</b>
1-1/2	69.1 (2.72)	57.2 (2.25)	100.1 (3.94)	19.3 (0.76)	<b>4QS-4150</b>	<b>4QS-4150T</b>
2	88.4 (3.48)	68.3 (2.69)	113.0 (4.45)	19.3 (0.76)	<b>4QS-4200</b>	<b>4QS-4200T</b>
2-1/2	97.0 (3.82)	98.8 (3.89)	175.0 (6.89)	25.9 (1.02)	<b>4QS-4250</b>	<b>4QS-4250T</b>
3	116.1 (4.57)	111.0 (4.37)	190.0 (7.48)	26.9 (1.06)	<b>4QS-4300</b>	<b>4QS-4300T</b>
3-1/2	132.8 (5.23)	115.3 (4.54)	198.9 (7.83)	27.9 (1.10)	<b>4QS-4350</b>	<b>4QS-4350T</b>
4	149.1 (5.87)	121.4 (4.78)	210.1 (8.27)	29.0 (1.14)	<b>4QS-4400</b>	<b>4QS-4400T</b>
<b>90° Type 4QS-938 — Type 4QS-9400</b>						
3/8 (1/2 KO)	31.0 (1.22)	40.9 (1.61)	35.1 (1.38)	13.7 (0.54)	<b>4QS-938</b>	<b>4QS-938T</b>
1/2	34.5 (1.36)	39.9 (1.57)	35.6 (1.40)	13.7 (0.54)	<b>4QS-950</b>	<b>4QS-950T</b>
3/4	41.2 (1.62)	41.4 (1.63)	41.9 (1.65)	15.2 (0.60)	<b>4QS-975</b>	<b>4QS-975T</b>
1	48.3 (1.90)	52.8 (2.08)	49.3 (1.94)	16.8 (0.66)	<b>4QS-9100</b>	<b>4QS-9100T</b>
1-1/4	62.5 (2.46)	59.4 (2.34)	52.8 (2.08)	18.8 (0.74)	<b>4QS-9125</b>	<b>4QS-9125T</b>
1-1/2	69.1 (2.72)	66.0 (2.60)	57.9 (2.28)	19.3 (0.76)	<b>4QS-9150</b>	<b>4QS-9150T</b>
2	88.4 (3.48)	75.4 (2.97)	65.0 (2.56)	19.3 (0.76)	<b>4QS-9200</b>	<b>4QS-9200T</b>
2-1/2	97.0 (3.82)	135.9 (5.35)	114.1 (4.49)	25.9 (1.02)	<b>4QS-9250</b>	<b>4QS-9250T</b>
3	116.1 (4.57)	140.0 (5.51)	121.9 (4.8)	26.9 (1.06)	<b>4QS-9300</b>	<b>4QS-9300T</b>
3-1/2	132.8 (5.23)	154.9 (6.10)	129.0 (5.08)	27.9 (1.10)	<b>4QS-9350</b>	<b>4QS-9350T</b>
4	149.1 (5.87)	154.9 (6.10)	135.9 (5.35)	29.0 (1.14)	<b>4QS-9400</b>	<b>4QS-9400T</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton OZGEDNEY



# 4QSS Straight, 45° and 90° Stainless Steel Liquidtight Connectors

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class I, Division 2 per NEC 501.10(B)(2)  
 Class I, Zone 2 per NEC 505.15(C)(2)  
 Class II, Division 2 per NEC 502.10(B)(1)

**NEC/CEC — Suitable for use in the following Hazardous Locations:**  
 Class III, Division 1 per NEC 503.10(A)(3)  
 Class III, Division 2 per NEC 503.10(B)  
 Intrinsically Safe per NEC 504.20

## Applications

- 4QSS high grade stainless steel liquidtight connectors and liquidtight flexible metallic conduit are used in applications where conditions of installation, operation or maintenance require flexibility or protection from liquids, vapors or solids such as: machine tool building, motor and transformer terminations, robotics assembly, air conditioning equipment installation and Class I, Division 2 wiring.

## Features

- Superior corrosion resistance.
- Liquidtight/Raintight/Oiltight.
- Suitable for wet locations.
- Tapered threaded male NPT hub.
- Furnished with locknut and sealing ring.
- Compact, slim diameter with small turning radius.
- UL Listed liquidtight flexible metal conduit fittings from 3/8" thru 1-1/4" trade sizes are suitable for equipment grounding per NEC article 250.118.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.

## Standard Material


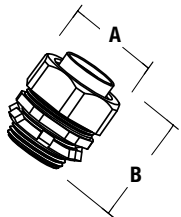

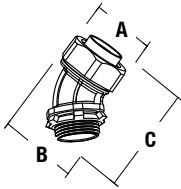

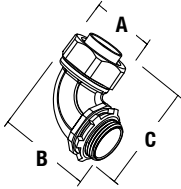
- Body and nut 316 grade stainless steel
- Ferrule: Nickel plated steel
- Sealing rings: nylon

## NEC Certifications and Compliances

- UL Standard: 514B
- cULus Listed: E-11853
- CSA Standard: C22.2 No.18.3
- NEMA: FB-1

## Related Products

- Bonding locknuts are recommended in hazardous locations.

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Insulated Throat Catalog Number	
		A	B	C		
<b>Straight Type 4QSS-38T — Type 4QSS-200T</b>						
	3/8	29.2 (1.15)	43.7 (1.72)	—	<b>4QSS-38T</b>	
	1/2	32.5 (1.28)	43.9 (1.73)	—	<b>4QSS-50T</b>	
	3/4	39.4 (1.55)	46.0 (1.81)	—	<b>4QSS-75T</b>	
	1	46.5 (1.83)	46.5 (1.85)	—	<b>4QSS-100T</b>	
	1-1/4	58.4 (2.30)	52.1 (2.05)	—	<b>4QSS-125T</b>	
	1-1/2	64.8 (2.55)	60.4 (2.38)	—	<b>4QSS-150T</b>	
	2	78.7 (3.10)	63.3 (2.49)	—	<b>4QSS-200T</b>	
<b>45° Type 4QSS-438T — Type 4QSS-4200T</b>						
	3/8	29.2 (1.15)	35.3 (1.39)	63.7 (2.51)	<b>4QSS-438T</b>	
	1/2	32.5 (1.28)	38.1 (1.50)	63.7 (2.51)	<b>4QSS-450T</b>	
	3/4	39.4 (1.55)	43.9 (1.73)	68.6 (2.7)	<b>4QSS-475T</b>	
	1	46.5 (1.83)	53.6 (2.11)	77.5 (3.05)	<b>4QSS-4100T</b>	
	1-1/4	58.4 (2.30)	65.0 (2.56)	92.7 (3.65)	<b>4QSS-4125T</b>	
	1-1/2	64.8 (2.55)	70.4 (2.77)	101.9 (4.01)	<b>4QSS-4150T</b>	
	2	78.7 (3.10)	85.9 (3.38)	117.9 (4.64)	<b>4QSS-4200T</b>	
<b>90° Type 4QSS-938T — Type 4QSS-9200T</b>						
	3/8	29.2 (1.15)	49.8 (1.96)	62.7 (2.47)	<b>4QSS-938T</b>	
	1/2	32.5 (1.28)	53.3 (2.10)	64.5 (2.54)	<b>4QSS-950T</b>	
	3/4	39.4 (1.55)	62.2 (2.45)	71.6 (2.82)	<b>4QSS-975T</b>	
	1	46.5 (1.83)	71.9 (2.83)	78.2 (3.08)	<b>4QSS-9100T</b>	
	1-1/4	58.4 (2.30)	80.0 (3.15)	89.7 (3.53)	<b>4QSS-9125T</b>	
	1-1/2	64.8 (2.55)	88.9 (3.50)	106.0 (4.17)	<b>4QSS-9150T</b>	
	2	78.7 (3.10)	102.1 (4.02)	119.1 (4.69)	<b>4QSS-9200T</b>	

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Apleton® OZGEDNEY

# NEER™ Zinc Straight Liquidtight Connectors

For Liquidtight Flexible Metal Conduit and Type B Nonmetallic Conduit.

NEC/CEC:  
Suitable for use in Class I, Division 2

## Applications

- Terminate and seal liquidtight flexible metal conduit to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

## Features

- Furnished with locknut and sealing ring.
- Liquidtight/raintight/oiltight.
- Suitable for grounding 3/8" thru 1-1/4".
- Suitable for wet locations.

## Standard Material

- Zinc diecast

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
  - LMM-01 through LMM-61 and LMM-02 through LMM-62
- CSA Certified: LR14489
  - LMM-71 through LMM-91 and LMM-72 through LMM-92
- CSA Certified: LR39354
- NEMA: FB-1



LMM-01

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Appleton OZGEDNEY

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Body Length	Thread Length	Diameter		
3/8 (1/2 knockout)	37.8 (1.49)	13.5 (0.53)	32.5 (1.28)	LMM-01	LMM-02
1/2	37.8 (1.49)	13.5 (0.53)	32.5 (1.28)	LMM-11	LMM-12
3/4	38.9 (1.53)	13.5 (0.53)	39.6 (1.56)	LMM-21	LMM-22
1	49.5 (1.95)	16.8 (0.66)	46.0 (1.81)	LMM-31	LMM-32
1-1/4	52.3 (2.06)	17.0 (0.67)	57.2 (2.25)	LMM-41	LMM-42
1-1/2	52.3 (2.06)	17.0 (0.67)	63.5 (2.50)	LMM-51	LMM-52
2	51.8 (2.04)	17.0 (0.67)	76.2 (3.00)	LMM-61	LMM-62
2-1/2	89.9 (3.54)	25.9 (1.02)	93.5 (3.68)	LMM-71	LMM-72
3	102.9 (4.05)	27.2 (1.07)	111.3 (4.38)	LMM-81	LMM-82
3-1/2	112.8 (4.44)	27.7 (1.09)	126.5 (4.98)	LMM-85	LMM-86
4	126.7 (4.99)	29.2 (1.15)	140.7 (5.54)	LMM-91	LMM-92

# NEER™ Zinc 90° Liquidtight Connectors

For Liquidtight Flexible Metal Conduit and Type B Nonmetallic Conduit.

**NEC/CEC:**

Suitable for use in Class I, Division 2

## Applications

- Terminate and seal liquidtight flexible metal conduit, at 90° angle, to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

## Features

- Furnished with locknut and sealing ring.
- Liquidtight/raintight/oiltight.
- Suitable for grounding 3/8" thru 1-1/4".
- Suitable for wet locations.

## Standard Material

- Zinc diecast

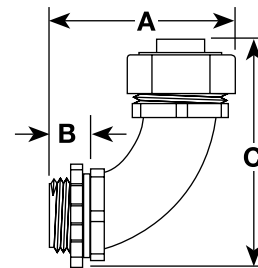
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



LML-01

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	A	B	C		
3/8 (1/2 knockout)	54.6 (2.15)	13.5 (0.53)	61.0 (2.40)	LML-01	LML-02
1/2	54.6 (2.15)	13.5 (0.53)	62.2 (2.45)	LML-11	LML-12
3/4	61.5 (2.42)	13.5 (0.53)	67.1 (2.64)	LML-21	LML-22
1	73.7 (2.90)	16.8 (0.66)	84.8 (3.34)	LML-31	LML-32
1-1/4	86.4 (3.40)	17.0 (0.67)	95.5 (3.76)	LML-41	LML-42
1-1/2	86.4 (3.40)	17.0 (0.67)	107.2 (4.22)	LML-51	LML-52
2	109.2 (4.30)	17.0 (0.67)	121.4 (4.78)	LML-61	LML-62
2-1/2	146.1 (5.75)	26.2 (1.03)	177.8 (7.00)	LML-71	LML-72
3	152.4 (6.00)	25.1 (0.99)	184.2 (7.25)	LML-81	LML-82
3-1/2	200.2 (7.88)	30.0 (1.18)	228.6 (9.00)	LML-85	LML-86
4	222.3 (8.75)	29.7 (1.17)	254.0 (10.00)	LML-91	LML-92

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

Apletton® OZGEDNEY

# NEER™ Nylon Liquidtight Connectors

For Type B Nonmetallic Conduit.

**NEC:**  
Listed for Ordinary Locations

**NEC:**  
Listed for Ordinary Locations

## Applications

- Terminate and seal liquidtight flexible Type B nonmetallic conduit, to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

## Features

- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease and common solvents.
- No disassembly required; push the conduit or tubing onto the ferrule, then tighten the domed sealing nut.
- Connectors are reusable.
- Furnished with locknut and sealing ring.
- Suitable for wet locations.
- Liquidtight/raintight/oiltight.

## Standard Material

- Nylon: gray

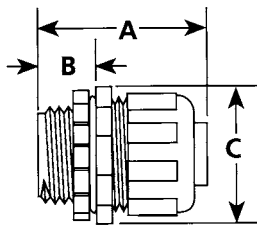
## NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



NMM-01

## Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Body Length	Thread Length	Diameter	Catalog Number
3/8 (1/2 knockout)	54.4 (2.14)	15.7 (0.62)	36.1 (1.42)	<b>NMM-01</b>
1/2	54.1 (2.13)	16.0 (0.63)	36.1 (1.42)	<b>NMM-11</b>
3/4	57.2 (2.25)	16.0 (0.63)	42.2 (1.66)	<b>NMM-21</b>
1	64.0 (2.52)	19.8 (0.78)	49.0 (1.93)	<b>NMM-31</b>

## Applications

- Terminate and seal liquidtight flexible Type B nonmetallic conduit at a 90° angle, to either oiltight, liquidtight or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

## Features

- Furnished with locknut and sealing ring.
- Suitable for wet locations.
- Liquidtight/raintight/oiltight.

## Standard Material

- Nylon: gray

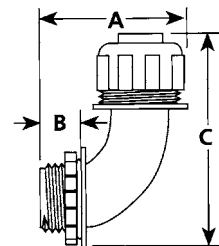
## NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



NML-01

## Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	A	B	C	Catalog Number
3/8 (1/2 knockout)	50.8 (2.00)	12.7 (0.50)	77.7 (3.06)	<b>NML-01</b>
1/2	52.6 (2.07)	13.0 (0.51)	81.0 (3.19)	<b>NML-11</b>
3/4	57.9 (2.28)	13.0 (0.51)	86.4 (3.40)	<b>NML-21</b>
1	73.7 (2.90)	19.6 (0.77)	86.4 (3.40)	<b>NML-31</b>

# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III,  
 NEMA 3R

## Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other atmosphere containing moisture.

## Features

- Available in straight or 90°, aluminum or steel construction to meet the requirements of rugged service on all types of equipment and in all non-hazardous areas.
- Color coded identification label clearly states the catalog number and minimum-maximum cable diameter range for which the connector is designed.
- Neoprene sealing grommet firmly but safely grips cable jacket providing strain relief while protecting internal wiring connections against external tension on cable or cord.
- Steel or Teflon® washer reduces friction between grommet and connector cap providing even pressure distribution, eliminating leakage resulting from grommet distortion.
- Large aluminum connectors 1-1/2" thru 4" and all steel connectors are constructed with hex head cap.
- For particularly harsh applications, wire mesh strain reliefs may be used with cord and cable connectors.
- CG Series in aluminum construction is available in straight type from 1/4" thru 4", 90° type from 3/8" thru 1-1/4".
- CG Series in steel construction is available in straight type from 1/4" thru 2" and 90° type from 3/8" thru 1-1/4".
- Silicone free.

## Standard Materials

- Aluminum connectors
  - Straight body: aluminum
  - 90° body: cast aluminum
  - Cap: copperfree (4/10 of 1% or less) aluminum
  - Sealing grommet: neoprene
  - Washer: steel or Teflon®
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: copperfree (4/10 of 1% or less) aluminum
- Steel connectors
  - Straight body: machined steel
  - 90° body: malleable iron
  - Cap: machined steel
  - Sealing grommet: neoprene
  - Washer: steel or Teflon ①
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: steel, zinc plate

## Options

- PVC coating available on select connectors. Add suffix -PVC to catalog number.

## NEC/CEC Certifications and Compliances

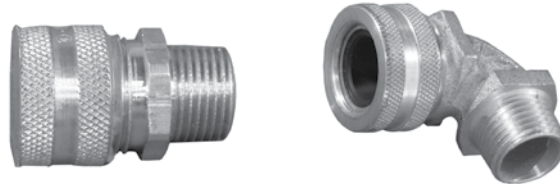
- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178

## Related Products

- Locknuts are available, refer to *Commercial Fittings*

① Teflon is a registered trademark of E.I. DuPont de Nemours and Co.

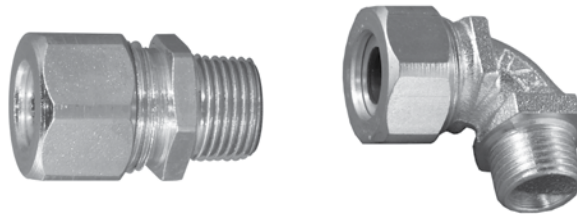
Aluminum



Straight

90°

Steel

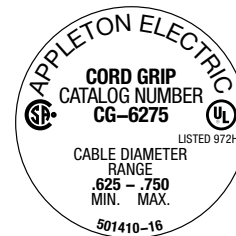


Straight

90°



Wire Mesh Strain Relief for Cord Connectors



Color coded label

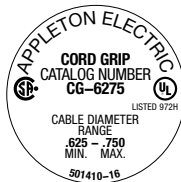
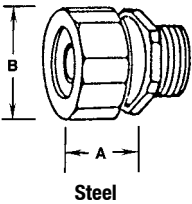
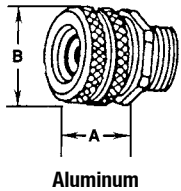
# Aluminum and Steel Liquiddtight Strain Relief Cord and Cable Connectors

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III,  
 NEMA 3R

Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CORD AND TRAY CABLE CONNECTORS

	Cable Range (Inches)	Color Coded Label	Dimensions — mm (in)		Weight Per 100 — kg (lb)		Catalog Number	
			A	B	Aluminum	Steel	Aluminum	Steel
<b>1/4 Inch Hubs</b>								
	0.060—0.156	Purple/Pink	22.4 (0.88)	19.1 (0.75)	—	—	<b>CG-0625</b> ②	<b>CG-0625S</b> ②
	0.156—0.250	Orange/Gray	22.4 (0.88)	19.1 (0.75)	1.68 (3.70)	4.08 (9.00)	<b>CG-1525</b> ②	<b>CG-1525S</b> ②
<b>3/8 Inch Hubs</b>								
	0.125—0.187	Red	20.6 (0.81)	23.9 (0.94)	2.54 (5.60)	6.71 (14.80)	<b>CG-1238</b> ⑤	<b>CG-1238S</b> ⑤
	0.187—0.312	Brown	20.6 (0.81)	23.9 (0.94)	2.27 (5.00)	5.99 (13.20)	<b>CG-1838</b>	<b>CG-1838S</b>
	0.312—0.437	Yellow	20.6 (0.81)	23.9 (0.94)	2.54 (5.60)	6.71 (14.80)	<b>CG-3138</b>	<b>CG-3138S</b>
<b>1/2 Inch Hubs</b> ④								
	0.125—0.187	Red	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	<b>CG-1250</b> ⑤	<b>CG-1250S</b> ⑤
	0.187—0.312	Brown	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	<b>CG-1850</b>	<b>CG-1850S</b>
	0.312—0.437	Yellow	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	<b>CG-3150</b>	<b>CG-3150S</b>
	0.375—0.500	Purple	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	<b>CG-3750</b>	<b>CG-3750S</b>
	0.500—0.625	Pink	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	<b>CG-5050</b>	<b>CG-5050S</b>
	0.625—0.750	Orange	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	<b>CG6250</b> ①	<b>CG-6250S</b> ①
<b>3/4 Inch Hubs</b> ④								
	0.187—0.250	Blue	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	<b>CG-1275</b>	<b>CG-1275S</b>
	0.250—0.375	Green	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	<b>CG-2575</b>	<b>CG-2575S</b>
	0.375—0.500	Purple	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	<b>CG-3775</b>	<b>CG-3775S</b>
	0.500—0.625	Pink	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	<b>CG-5075</b>	<b>CG-5075S</b>
	0.625—0.750	Orange	22.4 (0.88)	35.1 (1.38)	4.54 (10.00)	11.79 (26.00)	<b>CG-6275</b>	<b>CG-6275S</b>
	0.750—0.875	Gray	22.4 (0.88)	35.1 (1.38)	4.54 (10.00)	11.79 (26.00)	<b>CG-7575</b> ①	<b>CG-7575S</b> ①
<b>1 Inch Hubs</b> ④								
	0.375—0.500	Purple	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	<b>CG-37100</b>	<b>CG-37100S</b>
	0.500—0.625	Pink	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	<b>CG-50100</b>	<b>CG-50100S</b>
	0.625—0.750	Orange	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	<b>CG-62100</b>	<b>CG-62100S</b>
	0.750—0.875	Gray	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	<b>CG-75100</b>	<b>CG-75100S</b>
	0.875—1.000	Red	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	<b>CG-87100</b>	<b>CG-87100S</b>
	1.000—1.125	Blue	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	<b>CG-100100</b> ①	<b>CG-100100S</b> ①
<b>1-1/4 Inch Hubs</b> ④								
	0.750—0.875	Gray	26.9 (1.06)	44.5 (1.75)	10.43 (23.00)	27.22 (60.00)	<b>CG-75125</b>	<b>CG-75125S</b>
	0.875—1.000	Red	26.9 (1.06)	44.5 (1.75)	11.34 (25.00)	29.48 (65.00)	<b>CG-87125</b>	<b>CG-87125S</b>
	1.000—1.125	Blue	26.9 (1.06)	54.1 (2.13)	11.34 (25.00)	29.48 (65.00)	<b>CG-100125</b>	<b>CG-100125S</b>
	1.125—1.250	Brown	26.9 (1.06)	54.1 (2.13)	11.34 (25.00)	29.48 (65.00)	<b>CG-112125</b>	<b>CG-112125S</b>
	1.250—1.375	Green	26.9 (1.06)	54.1 (2.13)	9.98 (22.00)	25.85 (57.00)	<b>CG-125125</b> ①	<b>CG-125125S</b> ①
	1.375—1.500	Yellow	26.9 (1.06)	54.1 (2.13)	9.07 (20.00)	23.59 (52.00)	<b>CG-137125</b> ①	<b>CG-137125S</b> ①
<b>1-1/2 Inch Hubs</b>								
	1.156—1.312	—	49.3 (1.94)	55.6 (2.19)	14.11 (31.10)	41.73 (92.00)	<b>CG-115150</b>	<b>CG-115150S</b>
	1.281—1.531	—	66.8 (2.63)	65.0 (2.56)	27.76 (61.20)	72.57 (160.00)	<b>CG-128150</b> ③	<b>CG-128150S</b>
<b>2 Inch Hubs</b>								
	1.531—1.780	—	62.0 (2.44)	76.2 (3.00)	43.09 (95.00)	104.33 (230.00)	<b>CG-153200</b> ②	<b>CG-153200S</b>
	1.650—2.000	—	62.0 (2.44)	81.0 (3.19)	45.36 (100.00)	—	<b>CG-165200</b> ③	—
<b>2-1/2 Inch Hubs</b>								
	2.000—2.343	—	77.7 (3.06)	87.4 (3.44)	64.09 (141.30)	—	<b>CG-200250</b> ③	—
	2.250—2.500	—	77.7 (3.06)	93.7 (3.69)	64.36 (141.90)	—	<b>CG-225250</b> ③	—
<b>3 Inch Hubs</b>								
	2.500—2.843	—	77.7 (3.06)	103.1 (4.06)	89.04 (196.30)	—	<b>CG-250300</b> ③	—
	2.687—3.062	—	82.6 (3.25)	114.3 (4.50)	116.26 (256.30)	—	<b>CG-268300</b> ③	—
<b>3-1/2 Inch Hubs</b> ②								
	3.000—3.390	—	82.6 (3.25)	120.7 (4.75)	96.39 (212.50)	—	<b>CG-300350</b>	—
	3.281—3.515	—	82.6 (3.25)	127.0 (5.00)	102.06 (225.00)	—	<b>CG-328350</b>	—
<b>4 Inch Hubs</b> ②								
	3.500—3.843	—	82.6 (3.25)	133.4 (5.25)	124.74 (275.00)	—	<b>CG-350400</b>	—
	3.750—4.000	—	82.6 (3.25)	139.7 (5.50)	133.27 (293.80)	—	<b>CG-375400</b>	—



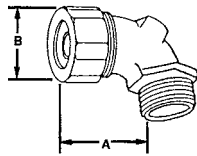
Color coded label

- ① Remove sufficient outer covering of cord or cable to pass conductors through connector body.
- ② Not UL Listed.
- ③ Not CSA Certified.
- ④ PVC coating available on select connectors. Add suffix **-PVC** to catalog number.
- ⑤ Not UL Listed below cable O.D. 0.187"

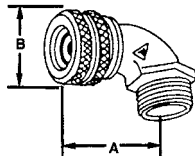
# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III,  
 NEMA 3R

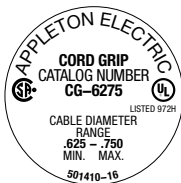
	Cable Range (Inches)	Color Coded Label	Dimensions — mm (in)		Weight Per 100 — kg (lb)		Catalog Number	
			A	B	Aluminum	Steel	Aluminum	Steel
<b>3/8 Inch Hubs</b>								
	0.125—0.187 ②	Red	41.4 (1.63)	23.9 (0.94)	5.90 (13.00)	15.42 (34.00)	<b>CG90-1238</b> ②	<b>CG90-1238S</b> ②
	0.187—0.312	Brown	41.4 (1.63)	23.9 (0.94)	3.18 (7.00)	8.35 (18.40)	<b>CG90-1838</b>	<b>CG90-1838S</b>
	0.312—0.437	Yellow	41.4 (1.63)	23.9 (0.94)	3.18 (7.00)	8.35 (18.40)	<b>CG90-3138</b> ①	<b>CG90-3138S</b> ①
<b>1/2 Inch Hubs</b>								
	0.187—0.250 ②	Blue	41.4 (1.63)	31.8 (1.25)	5.90 (13.00)	15.42 (34.00)	<b>CG90-1250</b>	<b>CG90-1250S</b>
	0.250—0.375	Green	41.4 (1.63)	31.8 (1.25)	5.90 (13.00)	15.42 (34.00)	<b>CG90-2550</b>	<b>CG90-2550S</b>
	0.375—0.500	Purple	41.4 (1.63)	31.8 (1.25)	5.44 (12.00)	14.15 (31.20)	<b>CG90-3750</b>	<b>CG90-3750S</b>
	0.500—0.625	Pink	38.1 (1.5)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	<b>CG90-5050</b> ①	<b>CG90-5050S</b> ①
	0.625—0.750	Orange	38.1 (1.5)	31.8 (1.25)	5.44 (12.00)	14.15 (31.20)	<b>CG90-6250</b> ①	<b>CG90-6250S</b> ①
<b>3/4 Inch Hubs</b>								
	0.250—0.375	Green	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	<b>CG90-2575</b>	<b>CG90-2575S</b>
	0.375—0.500	Purple	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	<b>CG90-3775</b>	<b>CG90-3775S</b>
	0.500—0.625	Pink	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	<b>CG90-5075</b>	<b>CG90-5075S</b>
	0.625—0.750	Orange	41.4 (1.63)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	<b>CG90-6275</b> ①	<b>CG90-6275S</b> ①
	0.750—0.875	Gray	41.4 (1.63)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	<b>CG90-7575</b> ①	<b>CG90-7575S</b> ①
<b>1 Inch Hubs</b>								
	0.625—0.750	Orange	55.6 (2.19)	44.5 (1.75)	11.79 (26.00)	30.66 (67.60)	<b>CG90-62100</b>	<b>CG90-62100S</b>
	0.750—0.875	Gray	55.6 (2.19)	44.5 (1.75)	18.14 (40.00)	47.17 (104.00)	<b>CG90-75100</b>	<b>CG90-75100S</b>
	0.875—1.000	Red	55.6 (2.19)	44.5 (1.75)	11.34 (25.00)	29.48 (65.00)	<b>CG90-87100</b> ①	<b>CG90-87100S</b> ①
	1.000—1.125	Blue	55.6 (2.19)	44.5 (1.75)	11.79 (26.00)	30.66 (67.60)	<b>CG90-100100</b> ①	<b>CG90-100100S</b> ①
<b>1-1/4 Inch Hubs</b>								
	0.750—0.875	Gray	65.0 (2.56)	54.1 (2.13)	18.14 (40.00)	47.17 (104.00)	<b>CG90-75125</b>	<b>CG90-75125S</b>
	0.875—1.000	Red	65.0 (2.56)	54.1 (2.13)	18.60 (41.00)	48.35 (106.60)	<b>CG90-87125</b>	<b>CG90-87125S</b>
	1.000—1.125	Blue	65.0 (2.56)	54.1 (2.13)	17.69 (39.00)	45.99 (101.40)	<b>CG90-100125</b>	<b>CG90-100125S</b>
	1.125—1.250	Brown	62.0 (2.44)	54.1 (2.13)	17.24 (38.00)	44.81 (98.80)	<b>CG90-112125</b> ①	<b>CG90-112125S</b> ①
	1.250—1.375	Green	62.0 (2.44)	54.1 (2.13)	27.22 (60.00)	70.76 (156.00)	<b>CG90-125125</b> ①	<b>CG90-125125S</b> ①
	1.375—1.500	Yellow	62.0 (2.44)	54.1 (2.13)	15.88 (35.00)	41.28 (91.00)	<b>CG90-137125</b> ①	<b>CG90-137125S</b> ①



Steel



Aluminum



Color coded label

① Remove sufficient outer covering of cord or cable to pass conductors through connector body.  
 ② Not UL Listed below cable O.D. 0.187"

# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Replacement Glands

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III,  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

For Use With Straight Connectors	For Use With 90° Connectors	Cable Range (Inches)	Weight Per 100 kg (lb)	Catalog Number ①
<b>For Connectors with 3/8 Inch Hubs</b>				
CG-1238	CG90-1238	0.125—0.187 ②	1.13 (2.50)	<b>CGG-221 ②</b>
CG-1838	CG90-1838	0.187—0.312	0.86 (1.90)	<b>CGG-222</b>
CG-3138	CG90-3138	0.312—0.437	0.59 (1.30)	<b>CGG-223</b>
<b>For Connectors with 1/2 Inch Hubs</b>				
CG-1250	—	0.125—0.187	1.13 (2.50)	<b>CGG-221 ②</b>
—	CG90-1250	0.187—0.250	0.86 (1.90)	<b>CGG-271</b>
CG-1850	—	0.187—0.312	0.86 (1.90)	<b>CGG-222</b>
—	CG90-2550	0.250—0.375	0.59 (1.30)	<b>CGG-272</b>
CG-3150	—	0.312—0.437	0.59 (1.30)	<b>CGG-223</b>
CG-3750	CG90-3750	0.375—0.500	0.86 (1.90)	<b>CGG-273</b>
CG-5050	CG90-5050	0.500—0.625	0.59 (1.30)	<b>CGG-274</b>
CG-6250	CG90-6250	0.625—0.750	0.45 (1.00)	<b>CGG-275</b>
<b>For Connectors with 3/4 Inch Hubs</b>				
CG-1275	—	0.187—0.250	0.86 (1.90)	<b>CGG-271</b>
CG-2575	—	0.250—0.375	0.59 (1.30)	<b>CGG-272</b>
—	CG90-2575	0.250—0.375	0.59 (1.30)	<b>CGG-325</b>
CG-3775	—	0.375—0.500	0.86 (1.90)	<b>CGG-273</b>
—	CG90-3775	0.375—0.500	0.86 (1.90)	<b>CGG-321</b>
CG-5075	—	0.500—0.625	0.59 (1.30)	<b>CGG-274</b>
—	CG90-5075	0.500—0.625	0.59 (1.30)	<b>CGG-322</b>
CG-6275	CG90-6275	0.625—0.750	0.45 (1.00)	<b>CGG-323</b>
CG-7575	CG90-7575	0.750—0.875	0.45 (1.00)	<b>CGG-324</b>
<b>For Connectors with 1 Inch Hubs</b>				
CG-37100	—	0.375—0.500	0.86 (1.90)	<b>CGG-321</b>
CG-50100	—	0.500—0.625	0.59 (1.30)	<b>CGG-322</b>
CG-62100	—	0.625—0.750	0.45 (1.00)	<b>CGG-323</b>
—	CG90-62100	0.625—0.750	0.45 (1.00)	<b>CGG-374</b>
CG-75100	CG90-75100	0.750—0.875	1.32 (2.90)	<b>CGG-371</b>
CG-87100	CG90-87100	0.875—1.000	1.13 (2.50)	<b>CGG-372</b>
CG-100100	CG90-100100	1.000—1.125	1.00 (2.20)	<b>CGG-373</b>
<b>For Connectors with 1-1/4 Inch Hubs</b>				
CG-75125	—	0.750—0.875	1.32 (2.90)	<b>CGG-371</b>
—	CG90-75125	0.750—0.875	1.32 (2.90)	<b>CGG-425</b>
CG-87125	—	0.875—1.000	1.13 (2.50)	<b>CGG-372</b>
—	CG90-87125	0.875—1.000	1.13 (2.50)	<b>CGG-426</b>
CG-100125	CG90-100125	1.000—1.125	1.00 (2.20)	<b>CGG-421</b>
CG-112125	CG90-112125	1.125—1.250	0.86 (1.90)	<b>CGG-422</b>
CG-125125	CG90-125125	1.250—1.375	0.73 (1.60)	<b>CGG-423</b>
CG-137125	CG90-137125	1.375—1.500	0.59 (1.30)	<b>CGG-424</b>



COMMERCIAL AND INDUSTRIAL FITTINGS: CORD AND TRAY CABLE CONNECTORS

Appleton®

① For Steel Backed Neoprene Sealing Gaskets and Steel Gasketed Sealing Locknuts, see Commercial Fittings.

② Not UL Listed below cable O.D. 0.187"



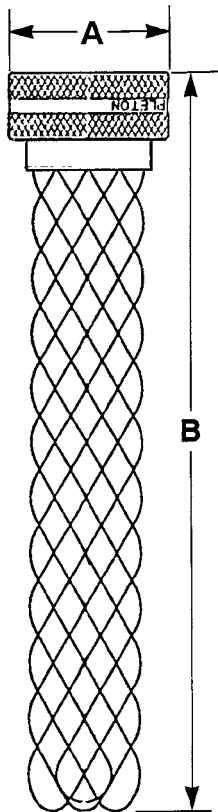
# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Aluminum Wire Mesh Strain Relief

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III,  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

For Aluminum Cord Connectors		Dimensions— mm (in)		Weight Per 100 kg (lb)	Catalog Number
CG—Straight	CG—90°	A	B		
<b>For Connectors with 3/8 Inch Hubs</b>					
CG-1238	CG90-1238	23.9 (0.94)	92.20 (3.63)	2.40 (5.40)	<b>CG-SR1</b>
CG-1838	CG90-1838	23.9 (0.94)	111.30 (4.38)	2.40 (5.40)	<b>CG-SR2</b>
CG-3138	CG90-3138	23.9 (0.94)	139.70 (5.50)	2.40 (5.40)	<b>CG-SR3</b>
<b>For Connectors with 1/2 Inch Hubs</b>					
CG-1250	—	23.90 (0.94)	92.20 (3.63)	5.30 (11.70)	<b>CG-SR1</b>
—	CG90-1250	31.80 (1.25)	111.30 (4.38)	5.30 (11.70)	<b>CG-SR4</b>
CG-1850	—	23.90 (0.94)	111.30 (4.38)	5.30 (11.70)	<b>CG-SR2</b>
—	CG90-2550	31.80 (1.25)	139.70 (5.50)	5.30 (11.70)	<b>CG-SR5</b>
CG-3150	—	23.90 (0.94)	139.70 (5.50)	5.30 (11.70)	<b>CG-SR3</b>
CG-3750	CG90-3750	31.80 (1.25)	155.70 (6.13)	5.30 (11.70)	<b>CG-SR6</b>
CG-5050	CG90-5050	31.80 (1.25)	174.80 (6.88)	5.30 (11.70)	<b>CG-SR7</b>
CG-6250	CG90-6250	31.80 (1.25)	238.30 (9.38)	5.30 (11.70)	<b>CG-SR8</b>
<b>For Connectors with 3/4 Inch Hubs</b>					
CG-1275	—	31.80 (1.25)	111.30 (4.38)	7.30 (16.10)	<b>CG-SR4</b>
CG-2575	—	31.80 (1.25)	139.70 (5.50)	7.30 (16.10)	<b>CG-SR5</b>
—	CG90-2575	35.10 (1.38)	104.90 (4.13)	7.30 (16.10)	<b>CG-SR9</b>
CG-3775	—	31.80 (1.25)	155.70 (6.13)	7.30 (16.10)	<b>CG-SR6</b>
—	CG90-3775	35.10 (1.38)	139.70 (5.50)	7.30 (16.10)	<b>CG-SR10</b>
CG-5075	—	31.80 (1.25)	174.80 (6.88)	7.30 (16.10)	<b>CG-SR7</b>
—	CG90-5075	35.10 (1.38)	162.10 (6.38)	7.30 (16.10)	<b>CG-SR11</b>
CG-6275	CG90-6275	35.10 (1.38)	212.90 (8.38)	7.30 (16.10)	<b>CG-SR12</b>
CG-7575	CG90-7575	35.10 (1.38)	231.90 (9.13)	7.30 (16.10)	<b>CG-SR13</b>
<b>For Connectors with 1 Inch Hubs</b>					
CG-37100	—	35.10 (1.38)	139.70 (5.50)	8.50 (18.70)	<b>CG-SR10</b>
CG-50100	—	35.10 (1.38)	162.10 (6.38)	8.50 (18.70)	<b>CG-SR11</b>
CG-62100	—	35.10 (1.38)	212.90 (8.38)	8.50 (18.70)	<b>CG-SR12</b>
—	CG90-62100	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	<b>CG-SR14</b>
CG-75100	CG90-75100	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	<b>CG-SR15</b>
CG-87100	CG90-87100	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	<b>CG-SR16</b>
CG-100100	CG90-100100	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	<b>CG-SR17</b>
<b>For Connectors with 1-1/4 Inch Hubs</b>					
CG-75125	—	44.50 (1.75)	230.10 (9.06)	9.70 (21.40)	<b>CG-SR15</b>
—	CG90-75125	54.10 (2.13)	227.10 (8.94)	9.70 (21.40)	<b>CG-SR18</b>
CG-87125	—	44.50 (1.75)	201.70 (7.94)	9.70 (21.40)	<b>CG-SR16</b>
—	CG90-87125	54.10 (2.13)	201.70 (7.94)	9.70 (21.40)	<b>CG-SR19</b>
CG-100125	CG90-100125	54.10 (2.13)	220.70 (8.69)	9.70 (21.40)	<b>CG-SR20</b>
CG-112125	CG90-112125	54.10 (2.13)	236.50 (9.31)	9.70 (21.40)	<b>CG-SR21</b>
CG-125125	CG90-125125	54.10 (2.13)	293.60 (11.56)	9.70 (21.40)	<b>CG-SR22</b>
CG-137125	CG90-137125	54.10 (2.13)	274.60 (10.81)	9.70 (21.40)	<b>CG-SR23</b>



# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

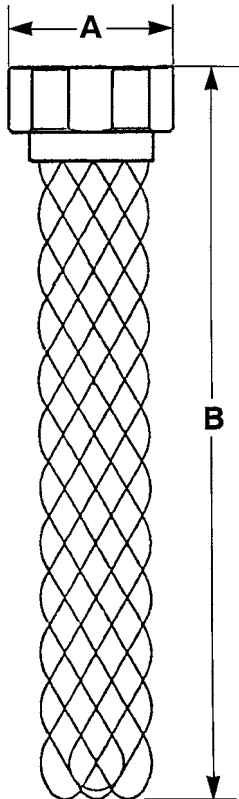
Aluminum Wire Mesh Strain Relief

NEC/CEC — Suitable for use in:  
Class I, Division 2  
Class II, Division 1 and 2  
Class III,  
NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

Appleton®

COMMERCIAL AND INDUSTRIAL FITTINGS: CORD AND TRAY CABLE CONNECTORS



Steel Cord Connectors		Dimensions— mm (in)		Weight Per 100 kg (lb)	Catalog Number
CG—Straight	CG—90°	A	B		
<b>For Connectors with 3/8 Inch Hubs</b>					
CG-1238S	CG90-1238S	23.90 (0.94)	92.20 (3.63)	2.40 (5.40)	<b>CG-SR1S</b>
CG-1838S	CG90-1838S	23.90 (0.94)	111.30 (4.38)	2.40 (5.40)	<b>CG-SR2S</b>
CG-3138S	CG90-3138S	23.90 (0.94)	139.70 (5.50)	2.40 (5.40)	<b>CG-SR3S</b>
<b>For Connectors with 1/2 Inch Hubs</b>					
CG-1250S	—	23.90 (0.94)	92.20 (3.63)	5.30 (11.70)	<b>CG-SR1S</b>
—	CG90-1250S	31.80 (1.25)	111.30 (4.38)	5.30 (11.70)	<b>CG-SR4S</b>
CG-1850S	—	23.90 (0.94)	111.30 (4.38)	5.30 (11.70)	<b>CG-SR2S</b>
—	CG90-2550S	31.80 (1.25)	139.70 (5.50)	5.30 (11.70)	<b>CG-SR5S</b>
CG-3150S	—	23.90 (0.94)	139.70 (5.50)	5.30 (11.70)	<b>CG-SR3S</b>
CG-3750S	CG90-3750S	31.80 (1.25)	155.70 (6.13)	5.30 (11.70)	<b>CG-SR6S</b>
CG-5050S	CG90-5050S	31.80 (1.25)	174.80 (6.88)	5.30 (11.70)	<b>CG-SR7S</b>
CG-6250S	CG90-6250S	31.80 (1.25)	238.30 (9.38)	5.30 (11.70)	<b>CG-SR8S</b>
<b>For Connectors with 3/4 Inch Hubs</b>					
CG-1275S	—	31.80 (1.25)	111.30 (4.38)	7.30 (16.10)	<b>CG-SR4S</b>
CG-2575S	—	31.80 (1.25)	139.70 (5.50)	7.30 (16.10)	<b>CG-SR5S</b>
—	CG90-2575S	35.10 (1.38)	104.90 (4.13)	7.30 (16.10)	<b>CG-SR9S</b>
CG-3775S	—	31.80 (1.25)	155.70 (6.13)	7.30 (16.10)	<b>CG-SR6S</b>
—	CG90-3775S	35.10 (1.38)	139.70 (5.50)	7.30 (16.10)	<b>CG-SR10S</b>
CG-5075S	—	31.80 (1.25)	174.80 (6.88)	7.30 (16.10)	<b>CG-SR7S</b>
—	CG90-5075S	35.10 (1.38)	162.10 (6.38)	7.30 (16.10)	<b>CG-SR11S</b>
CG-6275S	CG90-6275S	35.10 (1.38)	212.90 (8.38)	7.30 (16.10)	<b>CG-SR12S</b>
CG-7575S	CG90-7575S	35.10 (1.38)	231.90 (9.13)	7.30 (16.10)	<b>CG-SR13S</b>
<b>For Connectors with 1 Inch Hubs</b>					
CG-37100S	—	35.10 (1.38)	139.70 (5.50)	8.50 (18.70)	<b>CG-SR10S</b>
CG-50100S	—	35.10 (1.38)	162.10 (6.38)	8.50 (18.70)	<b>CG-SR11S</b>
CG-62100S	—	35.10 (1.38)	212.90 (8.38)	8.50 (18.70)	<b>CG-SR12S</b>
—	CG90-62100S	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	<b>CG-SR14S</b>
CG-75100S	CG90-75100S	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	<b>CG-SR15S</b>
CG-87100S	CG90-87100S	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	<b>CG-SR16S</b>
CG-100100S	CG90-100100S	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	<b>CG-SR17S</b>
<b>For Connectors with 1-1/4 Inch Hubs</b>					
CG-75125S	—	44.50 (1.75)	230.10 (9.06)	9.70 (21.40)	<b>CG-SR15S</b>
—	CG90-75125S	54.10 (2.13)	227.10 (8.94)	9.70 (21.40)	<b>CG-SR18S</b>
CG-87125S	—	44.50 (1.75)	201.70 (7.94)	9.70 (21.40)	<b>CG-SR16S</b>
—	CG90-87125S	54.10 (2.13)	201.70 (7.94)	9.70 (21.40)	<b>CG-SR19S</b>
CG-100125S	CG90-100125S	54.10 (2.13)	220.70 (8.69)	9.70 (21.40)	<b>CG-SR20S</b>
CG-112125S	CG90-112125S	54.10 (2.13)	236.50 (9.31)	9.70 (21.40)	<b>CG-SR21S</b>
CG-125125S	CG90-125125S	54.10 (2.13)	293.60 (11.56)	9.70 (21.40)	<b>CG-SR22S</b>
CG-137125S	CG90-137125S	54.10 (2.13)	274.60 (10.81)	9.70 (21.40)	<b>CG-SR23S</b>

# Stainless Steel and Nickel Plated Aluminum Liquidtight Cable and Cord Connectors

NEC/CEC — Suitable for use in:  
Class I, Division 2  
Class II, Division 1 and 2  
Class III, Division 1 and 2  
NEMA 3R

## Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in washdown areas or high moisture environments in: food processing plants, petrochemical facilities, wastewater treatment plants, pulp and paper mills and chemical manufacturing facilities.

## Features

- Straight connectors available in 3/8" thru 2" hub sizes (NPT).
- Straight connectors with strain relief available in 3/8" thru 1" hub sizes (NPT).
- Exceptional tensile strength.
- High levels of durability in severely corrosive environments filled with saltwater, acids or chemicals.
- Combination tightening surface includes both a hex area and knurled surface on nickel plated aluminum only.
- Embedded O-Ring is standard on stainless steel connectors only.
- Anti-friction washer fits between the nut and bushing for easier compression on the nickel plated aluminum connectors only.

## Standard Materials

- Stainless steel connectors
  - Body and compression nut: type 304 stainless steel
  - O-Ring: Viton <sup>Ⓢ</sup>
  - Wire mesh strain relief: stainless steel
- Nickel plated copper free (4/10 of 1% max.) aluminum connectors
  - Body and compression nut: nickel plated aluminum
  - Wire mesh strain relief: stainless steel

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178



Stainless Steel Connector



Stainless Steel Connector With Strain Relief



Nickel Plated Aluminum Connector



Nickel Plated Aluminum Connector With Strain Relief

<sup>Ⓢ</sup> Viton is a registered trademark of E.I. DuPont de Nemours and Co.

# Stainless Steel and Nickel Plated Aluminum Liquidtight Cable and Cord Connectors

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III, Division 1 and 2  
 NEMA 3R

Appleton®

COMMERCIAL AND INDUSTRIAL FITTINGS: CORD AND TRAY CABLE CONNECTORS

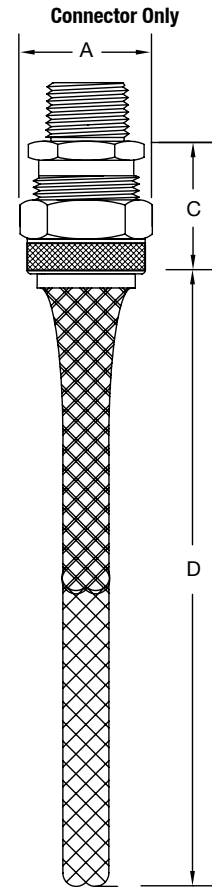
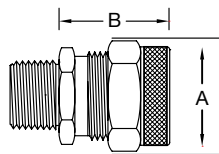
Cable Range	Dimensions— mm (in)				Weight Per 100 — kg (lb)		Catalog Number	
	A	B	C	D	Connector Only	Connector With Strain Relief	Connector Only	Connector With Strain Relief
<b>3/8 Inch Hubs</b>								
0.125—0.188			—	—	4.80 (10.50)	—	CG-1238SS ①	—
0.188—0.250					4.70 (10.40)	5.10 (11.30)	CG-1838SS	CG-1838SSSR
0.250—0.312	25.40 (1.00)	26.90 (1.06)	26.0 (1.06)	152.40-215.90 (6.00-8.50)	4.70 (10.30)	5.10 (11.30)	CG-2538SS	CG-2538SSSR
0.312—0.375					4.70 (10.30)	5.10 (11.30)	CG-3138SS	CG-3138SSSR
0.375—0.438					4.60 (10.20)	5.10 (11.30)	CG-3738SS	CG-3738SSSR
<b>1/2 Inch Hubs</b>								
0.125—0.188			—	—	9.50 (20.90)	—	CG-1250SS ①	—
0.188—0.250					9.40 (20.80)	10.80 (23.80)	CG-1850SS	CG-1850SSSR
0.250—0.312					9.40 (20.70)	10.80 (23.70)	CG-2550SS	CG-2550SSSR
0.312—0.375	25.40 (1.00)	26.90 (1.06)	26.90 (1.06)	152.40-215.90 (6.00-8.50)	9.30 (20.60)	10.80 (23.70)	CG-3150SS	CG-3150SSSR
0.375—0.438					9.30 (20.40)	10.70 (23.60)	CG-3750SS	CG-3750SSSR
0.438—0.500					9.20 (20.30)	10.70 (23.60)	CG-4350SS	CG-4350SSSR
0.500—0.562					9.20 (20.20)	10.70 (23.50)	CG-5050SS	CG-5050SSSR
0.562—0.625					9.10 (20.10)	10.70 (23.50)	CG-5650SS	CG-5650SSSR
<b>3/4 Inch Hubs</b>								
0.438—0.500					15.30 (33.70)	17.20 (37.90)	CG-4375SS ①	CG-4375SSSR ①
0.500—0.562					15.20 (33.50)	17.10 (37.70)	CG-5075SS	CG-5075SSSR
0.500—0.625	31.80 (1.25)	32.00 (1.26)	32.00 (1.26)	222.30-292.10 (8.75-11.5)	15.10 (33.30)	17.00 (37.50)	CG-5375SS	CG-5375SSSR
0.562—0.688					15.00 (33.10)	16.90 (37.30)	CG-5675SS	CG-5675SSSR
0.625—0.750					14.90 (32.80)	16.80 (37.00)	CG-6275SS	CG-6275SSSR
0.688—0.812					14.80 (32.60)	16.70 (36.80)	CG-6875SS	CG-6875SSSR
<b>1 Inch Hubs</b>								
0.438—0.562					20.60 (45.50)	23.50 (51.90)	CG-43100SS	CG-43100SSSR
0.500—0.625					20.50 (45.20)	23.50 (51.80)	CG-50100SS	CG-50100SSSR
0.562—0.688					20.40 (44.90)	23.40 (51.60)	CG-56100SS	CG-56100SSSR
0.625—0.750	31.80 (1.25)	37.10 (1.46)	37.10 (1.46)	292.10 (11.50)	20.20 (44.60)	23.30 (51.40)	CG-62100SS	CG-62100SSSR
0.688—0.812					20.10 (44.30)	23.20 (51.20)	CG-68100SS	CG-68100SSSR
0.750—0.875					20.00 (44.00)	23.20 (51.10)	CG-75100SS	CG-75100SSSR
0.812—0.938					19.80 (43.70)	23.10 (50.90)	CG-81100SS	CG-81100SSSR
0.875—1.000					19.70 (43.40)	23.00 (50.70)	CG-87100SS ①	CG-87100SSSR ①
<b>1-1/4 Inch Hubs</b>								
0.562—0.688					50.20 (110.60)		CG-56125SS ①	—
0.688—0.812					49.70 (109.60)		CG-68125SS ①	—
0.750—0.875					49.30 (108.70)		CG-75125SS	—
0.875—1.000	50.80 (2.00)	31.80 (1.25)	—	—	48.90 (107.70)	—	CG-87125SS	—
1.000—1.125					48.40 (106.70)		CG-100125SS	—
1.125—1.250					47.90 (105.70)		CG-125125SS	—
1.250—1.375					47.50 (104.80)		CG-250125SS	—
<b>1-1/2 Inch Hubs</b>								
0.562—0.688					55.40 (122.10)		CG-56150SS ①	—
0.688—0.812					55.40 (122.10)		CG-68150SS ①	—
0.750—0.875					54.50 (120.10)		CG-75150SS ①	—
0.875—1.000	57.20 (2.25)	46.0 (1.81)	—	—	54.10 (119.20)	—	CG-87150SS ①	—
1.000—1.125					53.60 (118.20)		CG-100150SS ①	—
1.125—1.250					53.20 (117.20)		CG-112150SS ①	—
1.250—1.375					52.70 (116.20)		CG-125150SS ①	—
<b>2 Inch Hubs</b>								
1.250—1.375					124.30 (274.00)		CG-125200SS ①	—
1.438—1.562	71.90 (2.83)	58.90 (2.32)	—	—	122.90 (271.00)	—	CG-143200SS ①	—
1.562—1.688					121.60 (268.00)	—	CG-156200SS ①	—
1.688—1.812					120.20 (265.00)	—	CG-168200SS ①	—

① Not UL Listed or CSA Certified.

# Stainless Steel and Nickel Plated Aluminum Liquidtight Cable and Cord Connectors

NEC/CEC — Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III, Division 1 and 2  
 NEMA 3R

Cable Range	Dimensions— mm (in)				Weight Per 100 — kg (lb)		Catalog Number	
	A	B	C	D	Connector Only	Connector With Strain Relief	Connector Only ①	Connector With Strain Relief ①
<b>3/8 Inch Hubs</b>								
0.125—0.188			—	—	1.90 (4.10)	—	CG-1238NA	—
0.188—0.250					1.90 (4.10)	2.30 (5.10)	CG-1838NA	CG-1838NASR
0.250—0.312	25.40	26.90	26.90	152.40-215.90	1.80 (4.00)	2.30 (5.00)	CG-2538NA	CG-2538NASR
0.312—0.375	(1.00)	(1.06)	(1.06)	(6.00-8.50)	1.80 (3.90)	2.30 (5.00)	CG-3138NA	CG-3138NASR
0.375—0.438					1.70 (3.80)	2.20 (4.90)	CG-3738NA	CG-3738NASR
<b>1/2 Inch Hubs</b>								
0.125—0.188			—	—	3.90 (8.50)	—	CG-1250NA	—
0.188—0.250					3.80 (8.30)	4.90 (10.90)	CG-1850NA	CG-1850NASR
0.250—0.312					3.70 (8.20)	4.90 (10.80)	CG-2550NA	CG-2550NASR
0.312—0.375	25.40	26.90	26.90	152.40-215.90	3.70 (8.10)	4.80 (10.60)	CG-3150NA	CG-3150NASR
0.375—0.438	(1.00)	(1.06)	(1.06)	(6.00-8.50)	3.60 (8.00)	4.80 (10.50)	CG-3750NA	CG-3750NASR
0.438—0.500					3.50 (7.80)	4.70 (10.40)	CG-4350NA	CG-4350NASR
0.500—0.562					3.50 (7.70)	4.60 (10.20)	CG-5050NA	CG-5050NASR
0.562—0.625					3.40 (7.60)	4.60 (10.10)	CG-5650NA	CG-5650NASR
<b>3/4 Inch Hubs</b>								
0.438—0.500					5.90 (13.00)	8.10 (17.80)	CG-4375NA	CG-4375NASR
0.500—0.562					5.80 (12.70)	8.00 (17.70)	CG-5075NA	CG-5075NASR
0.500—0.625	31.80	32.00	32.00	222.30-292.10	5.70 (12.50)	8.00 (17.60)	CG-5375NA	CG-5375NASR
0.562—0.688	(1.25)	(1.26)	(1.26)	(8.75-11.50)	5.60 (12.30)	7.90 (17.50)	CG-5675NA	CG-5675NASR
0.625—0.750					5.50 (12.10)	7.90 (17.40)	CG-6275NA	CG-6275NASR
0.688—0.812					5.40 (11.90)	7.80 (17.30)	CG-6875NA	CG-6875NASR
<b>1 Inch Hubs</b>								
0.438—0.562					7.90 (17.40)	9.70 (21.30)	CG-43100NA	CG-43100NASR
0.500—0.625					7.80 (17.10)	9.50 (21.00)	CG-50100NA	CG-50100NASR
0.562—0.688					7.60 (16.80)	9.50 (21.00)	CG-56100NA	CG-56100NASR
0.625—0.750	31.80	37.10	37.10	292.10	7.50 (16.50)	9.40 (20.70)	CG-62100NA	CG-62100NASR
0.688—0.812	(1.25)	(1.46)	(1.46)	(11.50)	7.30 (16.20)	9.70 (21.40)	CG-68100NA	CG-68100NASR
0.750—0.875					7.20 (15.90)	9.60 (21.10)	CG-75100NA	CG-75100NASR
0.812—0.938					7.10 (15.60)	9.80 (21.60)	CG-81100NA	CG-81100NASR
0.875—1.000					6.90 (15.30)	9.70 (21.40)	CG-87100NA	CG-87100NASR
<b>1-1/4 Inch Hubs</b>								
0.562—0.688					20.20 (44.50)	—	CG-56125NA	—
0.688—0.812					19.70 (43.50)	—	CG-68125NA	—
0.750—0.875					19.30 (42.50)	—	CG-75125NA	—
0.875—1.000	2.00	31.80	—	—	18.90 (41.60)	—	CG-87125NA	—
1.000—1.125	(50.80)	(1.25)			18.40 (40.60)	—	CG-100125NA	—
1.125—1.250					18.00 (39.60)	—	CG-125125NA	—
1.250—1.375					17.50 (38.60)	—	CG-250125NA	—
<b>1-1/2 Inch Hubs</b>								
0.562—0.688					22.20 (49.00)	—	CG-56150NA	—
0.688—0.812					21.80 (48.00)	—	CG-68150NA	—
0.750—0.875	2.25	46.00	—	—	21.30 (47.00)	—	CG-75150NA	—
0.875—1.000	(57.20)	(1.81)			20.90 (46.10)	—	CG-87150NA	—
1.000—1.125					20.50 (45.10)	—	CG-100150NA	—
1.125—1.250					20.00 (44.10)	—	CG-112150NA	—
1.250—1.375					19.50 (43.10)	—	CG-125150NA	—
<b>2 Inch Hubs</b>								
1.250—1.375					36.20 (79.70)	—	CG-125200NA	—
1.438—1.562	2.83	58.90	—	—	34.70 (76.60)	—	CG-143200NA	—
1.562—1.688	(71.90)	(2.32)			33.30 (73.50)	—	CG-156200NA	—
1.688—1.812					31.90 (70.40)	—	CG-168200NA	—



① Not UL Listed or CSA Certified.

# Grip-Tite® Strain Relief Connectors

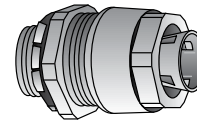
NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To secure and seal cords or cables entering enclosures or raceways.

## Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
- Dual-grommet style - for over 1" dia. cord range. Removable insert allows for wider range of cable diameters within single fitting.
- Simple installation, cord can be installed without disassembly of the fitting.
- Liquidtight/Oiltight/Raintight.
- UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).
- Suitable for NEMA 4 enclosures and other wet locations
- Male tapered thread NPT.
- Slim diameter profile allows close spacing between connectors.
- Furnished complete with sealing ring and locknut.
- Colored gripper allows for easy identification.



Straight  
Type SR-50-250

## Standard Materials

- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

## Standard Finishes

- Body, gland nut and locknut — zinc plated

## Options

- Mechanical Galvanized. Contact your local representative.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Hub Size (Inches)	Dimensions in Millimeters (Inches)		Style	Color	Dimensions in Millimeters (Inches)			Catalog Number
	Cord Range				Throat I.D.	Body Length	Max. Dia.	
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-250
1/2	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-375
1/2	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-500
1/2	12.70 (0.50)	16.00 (0.63)		Brown	15.49 (0.61) ①	31.75 (1.25)	35.05 (1.38)	SR-50-625 ①
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-250
3/4	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-375
3/4	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-500
3/4	12.70 (0.50)	16.00 (0.63)		Brown	19.05 (0.75)	31.75 (1.25)	35.05 (1.38)	SR-75-625
3/4	16.00 (0.63)	19.05 (0.75)		Yellow	19.81 (0.78)	31.75 (1.25)	38.10 (1.50)	SR-75-750
3/4	19.05 (0.75)	22.35 (0.88)		Purple	20.57 (0.81) ①	31.75 (1.25)	44.45 (1.75)	SR-75-875 ①
1	16.00 (0.63)	19.05 (0.75)	Grip-Tite	Yellow	19.81 (0.78)	31.75 (1.25)	44.45 (1.75)	SR-100-750
1	19.05 (0.75)	22.35 (0.88)		Purple	24.38 (0.96)	31.75 (1.25)	44.45 (1.75)	SR-100-875
1	22.35 (0.88)	25.40 (1.00)		Grey	26.67 (1.05)	31.75 (1.25)	41.40 (1.63)	SR-100-1000
1-1/4	22.35 (0.88)	25.40 (1.00)		Grey	30.48 (1.20)	35.05 (1.38)	54.10 (2.13)	SR-125-1000
1	25.40 (1.00)	28.70 (1.13)	Single Grommet		26.67 (1.05) ①	35.05 (1.38)	38.10 (1.50)	SR-100-1125 ①
1-1/4	25.40 (1.00)	35.05 (1.38)			34.29 (1.35) ①	41.40 (1.63)	63.50 (2.50)	SR-125-1375 ①
1-1/2	25.40 (1.00)	35.05 (1.38)			35.05 (1.38)	41.40 (1.63)	63.50 (2.50)	SR-150-1375
1-1/2	35.05 (1.38)	44.45 (1.75)			38.86 (1.53) ①	41.40 (1.63)	76.20 (3.00)	SR-150-1750 ①
2	35.05 (1.38)	44.45 (1.75)	Dual Grommet		40.39 (1.59)	54.10 (2.13)	76.20 (3.00)	SR-200-1750
2-1/2	41.40 (1.63)	50.80 (2.00)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	SR-250-2000
2-1/2	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	SR-250-2250
3	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	SR-300-2250
3	54.10 (2.13)	63.50 (2.50)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	SR-300-2500

① Remove enough jacket to get conductors through throat I.D.

# Grip-Tite® Strain Relief Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To secure and seal cords or cables entering enclosures or raceways.

## Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
- Dual-grommet style - for over 1" dia. cord range. Removable insert allows for wider range of cable diameters within single fitting.
- Simple installation, cord can be installed without disassembly of the fitting.
- Liquidtight/Oiltight/Raintight.
- UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).
- Suitable for NEMA 4 enclosures and other wet locations
- Male tapered thread NPT.
- Slim diameter profile allows close spacing between connectors.
- Furnished complete with sealing ring and locknut.
- Colored gripper allows for easy identification.

## Standard Materials

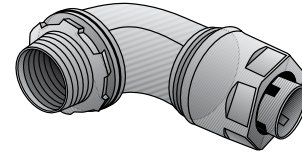
- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

## Standard Finishes

- Body, gland nut and locknut — zinc plated

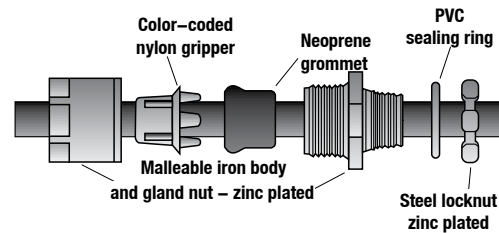
## Options

- Mechanical Galvanized. Contact your local representative.



90°  
Type SR-950-250

## Illustrated Dimensions



Strain Relief Installation

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Dimensions in Millimeters (Inches)		Dimensions in Millimeters (Inches)								Catalog Number
Hub Size (Inches)	Cord Range		Style	Color	Throat I.D.	Body Length	Max. Dia.	Turning Radius		
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-250	
1/2	6.35 (0.25)	9.65 (0.38)		White	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-375	
1/2	9.65 (0.38)	12.70 (0.50)		Blue	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-500	
1/2	12.70 (0.50)	16.00 (0.63)		Brown	14.99 (0.59) ①	35.05 (1.38)	28.70 (1.13)	41.40 (1.63)	SR-950-625 ①	
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	SR-975-250	
3/4	6.35 (0.25)	9.65 (0.38)		White	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	SR-975-375	
3/4	9.65 (0.38)	12.70 (0.50)		Blue	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	SR-975-500	
3/4	12.70 (0.5)	16.00 (0.63)		Brown	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	SR-975-625	
3/4	16.00 (0.63)	19.05 (0.75)		Yellow	20.57 (0.81)	41.40 (1.63)	38.10 (1.50)	50.80 (2.00)	SR-975-750	
3/4	19.05 (0.75)	22.35 (0.88)		Purple	20.83 (0.82) ①	47.75 (1.88)	41.40 (1.63)	47.75 (1.88)	SR-975-875 ①	
1	19.05 (0.75)	22.35 (0.88)	Grip-Tite	Purple	25.91 (1.02)	47.75 (1.88)	41.40 (1.63)	50.80 (2.00)	SR-9100-875	
1	22.35 (0.88)	25.40 (1.00)		Grey	26.42 (1.04)	63.50 (2.50)	47.75 (1.88)	50.80 (2.00)	SR-9100-1000	
1-1/4	22.35 (0.88)	25.40 (1.00)	Grip-Tite	Grey	34.04 (1.34)	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	SR-9125-1000	
1-1/4	25.40 (1.00)	35.05 (1.38)	Dual Grommet		34.04 (1.34) ①	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	SR-9125-1375 ①	

① Remove enough jacket to get conductors through Throat I.D.





# Gold Seal Strain Relief Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

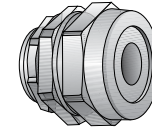
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).

## Standard Materials

- Malleable iron
- Grommets — PVC

## Standard Finishes

- Zinc plated



Straight Connector  
Type SR-502

## Options

- Mechanical Galvanized. Contact your local representative.

## NEC/CEC Certifications and Compliances

- UL Listed: E-11857
- CSA Certified: 009795

Hub Size (Inches)	Cable Range Millimeters (Inches) Dia. Over Jacket		Dimensions in Millimeters (Inches)				Catalog Number
	Min.	Max.	Throat I.D.	Body Length	Thread. Length	Max. Dia.	
1/2	2.54 (0.10) - 5.08 (0.20)		13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	SR-502 ②
1/2	5.08 (0.20) - 7.62 (0.30)		13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	SR-503 ②
1/2	7.62 (0.30) - 10.16 (0.40)		13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	SR-504 ②
1/2	10.16 (0.40) - 12.70 (0.50)		15.49 (0.61)	30.23 (1.19)	14.22 (0.56)	26.92 (1.06)	SR-505 ②
1/2	12.70 (0.50) - 15.24 (0.60)		15.49 (0.61)	30.23 (1.19)	11.18 (0.44)	26.92 (1.06)	SR-506 ②
1/2	15.24 (0.60) - 17.78 (0.70)		15.49 (0.61)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-507 ①②
3/4	2.54 (0.10) - 5.08 (0.20)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-752
3/4	5.08 (0.20) - 7.62 (0.30)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-753
3/4	7.62 (0.30) - 10.16 (0.40)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-754 ②
3/4	10.16 (0.40) - 12.70 (0.50)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-755 ②
3/4	12.70 (0.50) - 15.24 (0.60)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-756 ②
3/4	15.24 (0.60) - 17.78 (0.70)		19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	SR-757 ②
3/4	17.78 (0.70) - 20.32 (0.80)		20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	41.40 (1.63)	SR-758 ②
3/4	20.32 (0.80) - 22.86 (0.90)		20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	16.00 (0.63)	SR-759 ①②
3/4	22.86 (0.90) - 25.40 (1.00)		20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	41.40 (1.63)	SR-7510 ①②
1	2.54 (0.10) - 5.08 (0.20)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1002
1	5.08 (0.20) - 7.62 (0.30)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1003
1	7.62 (0.30) - 10.16 (0.40)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1004
1	10.16 (0.40) - 12.70 (0.50)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1005
1	12.70 (0.50) - 15.24 (0.60)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1006 ②
1	15.24 (0.60) - 17.78 (0.70)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1007 ②
1	17.78 (0.70) - 20.32 (0.80)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1008 ②
1	20.32 (0.80) - 22.86 (0.90)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-1009 ②
1.00	22.86 (0.90) - 25.40 (1.00)		24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	SR-10010 ①②
1.00	25.40 (1.00) - 30.48 (1.20)		24.38 (0.96)	35.05 (1.38)	16.00 (0.63)	49.28 (1.94)	SR-10012 ①②
1-1/4	22.86 (0.90) - 25.40 (1.00)		30.48 (1.20)	35.05 (1.38)	16.00 (0.63)	52.32 (2.06)	SR-12510 ②
1-1/4	25.40 (1.00) - 30.48 (1.20)		30.48 (1.20)	35.05 (1.38)	16.00 (0.63)	52.32 (2.06)	SR-12512 ②
1.25	30.48 (1.20) - 35.56 (1.40)		30.99 (1.22)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	SR-12514 ①②
1 1/2	25.40 (1.00) - 30.48 (1.20)		38.10 (1.50)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	SR-15012 ②
1 1/2	30.48 (1.20) - 35.56 (1.4)		38.10 (1.50)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	SR-15014 ②
1.50	35.56 (1.40) - 40.64 (1.60)		39.62 (1.56)	45.97 (1.81)	16.00 (0.63)	76.20 (3.00)	SR-15016 ①②
1.50	40.64 (1.60) - 45.72 (1.80)		39.62 (1.56)	45.97 (1.81)	16.00 (0.63)	76.20 (3.00)	SR-15018 ①②
2	30.48 (1.20) - 35.56 (1.40)		49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	SR-20014 ②
2	35.56 (1.40) - 40.64 (1.60)		49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	SR-20016 ②
2	40.64 (1.60) - 45.72 (1.80)		49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	SR-20018 ②
2-1/2	38.10 (1.50) - 45.72 (1.80)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-25018 ②
2-1/2	45.72 (1.80) - 53.34 (2.10)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-25021 ②
2-1/2	53.34 (2.10) - 60.96 (2.40)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-25024 ②
3	38.10 (1.50) - 45.72 (1.80)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-30018 ②
3	45.72 (1.80) - 53.34 (2.10)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-30021 ②
3	53.34 (2.10) - 60.96 (2.40)		61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	SR-30024 ②

① Remove enough jacket to get conductors through Throat I.D.

② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.

# Gold Seal Strain Relief Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).

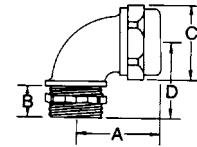
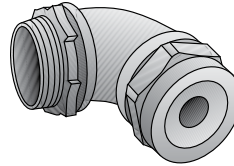
## Standard Materials

- Malleable iron
- Grommets – PVC

## Standard Finishes

- Zinc plated

## Illustrated Dimensions



90° Connector  
Type SR9-502

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: Commercial Item Description A-505-52

Hub Size (Inches)	Cable Range Millimeters (Inches) Dia. Over Jacket		Dimensions in Millimeters (Inches)					Catalog Number
	Min.	Max.	Throat I.D.	A	B	C	D	
1/2	2.54 (0.10) - 5.08 (0.20)		12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	SR9-502 ②
1/2	5.08 (0.20) - 7.62 (0.30)		12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	SR9-503 ②
1/2	7.62 (0.30) - 10.16 (0.40)		12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	SR9-504 ②
1/2	11.68 (0.46) - 14.22 (0.56)		12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	SR9-505 ②
1/2	12.70 (0.50) - 15.24 (0.60)		15.49 (0.61)	38.10 (1.50)	12.70 (0.50)	35.05 (1.38)	30.23 (1.19)	SR9-506 ②
1/2	15.24 (0.60) - 17.78 (0.70)		15.49 (0.61)	38.10 (1.50)	12.70 (0.50)	35.05 (1.38)	30.23 (1.19)	SR9-507 ①②
3/4	2.54 (0.10) - 5.08 (0.20)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-752
3/4	5.08 (0.20) - 7.62 (0.30)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-753
3/4	7.62 (0.30) - 10.16 (0.40)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-754 ②
3/4	10.16 (0.40) - 12.7 (0.50)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-755 ②
3/4	12.7 (0.50) - 15.24 (0.60)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-756 ②
3/4	15.24 (0.60) - 17.78 (0.70)		20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	SR9-757 ②
3/4	17.78 (0.70) - 20.32 (0.80)		20.83 (0.82)	47.75 (1.88)	14.22 (0.56)	41.40 (1.63)	38.10 (1.50)	SR9-758 ②
1	2.54 (0.10) - 5.08 (0.20)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1002
1	5.08 (0.20) - 7.62 (0.30)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1003
1	7.62 (0.30) - 10.16 (0.40)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1004
1	10.16 (0.40) - 12.7 (0.50)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1005
1	12.7 (0.50) - 15.24 (0.60)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1006 ②
1	15.24 (0.60) - 17.78 (0.70)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1007 ②
1	17.78 (0.70) - 20.32 (0.80)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1008 ②
1	20.32 (0.80) - 22.86 (0.90)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-1009 ②
1	22.86 (0.90) - 25.4 (1.00)		24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	SR9-10010 ①②
1-1/4	22.86 (0.90) - 25.4 (1.00)		27.94 (1.10)	68.33 (2.69)	16.00 (0.63)	49.28 (1.94)	54.1 (2.13)	SR9-12510 ②
1-1/4	25.4 (1.00) - 30.48 (1.20)		27.94 (1.10)	68.33 (2.69)	16.00 (0.63)	49.28 (1.94)	54.1 (2.13)	SR9-12512 ①②
1-1/2	25.4 (1.00) - 30.48 (1.20)		35.31 (1.39)	74.68 (2.94)	16.00 (0.63)	60.45 (2.38)	57.15 (2.25)	SR9-15012 ②
1-1/2	30.48 (1.20) - 35.56 (1.40)		35.31 (1.39)	74.68 (2.94)	16.00 (0.63)	60.45 (2.38)	57.15 (2.25)	SR9-15014 ①②
2	30.48 (1.20) - 35.56 (1.40)		44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	SR9-20014 ②
2	35.56 (1.40) - 40.64 (1.60)		44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	SR9-20016 ②
2	40.64 (1.60) - 45.72 (1.80)		44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	SR9-20018 ①②

① Remove enough jacket to get conductors through Throat I.D.

② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.

# Type CGA Aluminum Straight Strain Relief Cord Grip Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

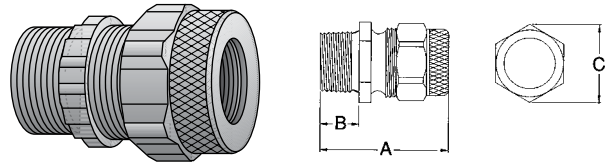
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- With neoprene grommets.
- Rated at +90 °C (+194 °F).

## Standard Materials

- Copperfree (4/10 of 1% max.) aluminum

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- Fed. Spec: Commercial Item Description A-505-52



Type CGA-38

Hub Size (Inches)	Cable Range Dia. Over Jacket		Dimensions in Millimeters (Inches)				Catalog Number
	Min.	Max.	Throat I.D.	A	B	C	
3/8	3.3 - 4.83 (0.13 - 0.19)		11.68 (0.46)	38.10 (1.50)	11.18 (0.44)	25.40 (1.00)	CGA-38-188
3/8	4.83 - 6.35 (0.19 - 0.25)		11.68 (0.46)	38.10 (1.50)	11.18 (0.44)	25.40 (1.00)	CGA-38-250
3/8	6.35 - 7.87 (0.25 - 0.31)		11.68 (0.46)	38.10 (1.50)	11.18 (0.44)	25.40 (1.00)	CGA-38-312
3/8	7.87 - 9.65 (0.31 - 0.38)		11.68 (0.46)	38.10 (1.50)	11.18 (0.44)	25.40 (1.00)	CGA-38-375
3/8	9.65 - 11.18 (0.38 - 0.44)		11.68 (0.46)	38.10 (1.50)	11.18 (0.44)	25.40 (1.00)	CGA-38-438
1/2	3.30 - 4.83 (0.13 - 0.19)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-188
1/2	4.83 - 6.35 (0.19 - 0.25)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-250
1/2	6.35 - 7.87 (0.25 - 0.31)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-312
1/2	7.87 - 9.65 (0.31 - 0.38)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-375
1/2	9.65 - 11.18 (0.38 - 0.44)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-438
1/2	11.18 - 12.70 (0.44 - 0.5)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-500
1/2	12.70 - 14.22 (0.50 - 0.56)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-562
1/2	14.22 - 16.00 (0.56 - 0.63)		14.73 (0.58)	45.97 (1.81)	12.70 (0.50)	33.27 (1.31)	CGA-50-625
3/4	11.18 - 14.22 (0.44 - 0.56)		20.57 (0.81)	52.32 (2.06)	14.22 (0.56)	38.10 (1.50)	CGA-75-562
3/4	12.70 - 16.00 (0.50 - 0.63)		20.57 (0.81)	52.32 (2.06)	14.22 (0.56)	38.10 (1.50)	CGA-75-625
3/4	14.22 - 17.53 (0.56 - 0.69)		20.57 (0.81)	52.32 (2.06)	14.22 (0.56)	38.10 (1.50)	CGA-75-688
3/4	16.00 - 19.05 (0.63 - 0.75)		20.57 (0.81)	52.32 (2.06)	14.22 (0.56)	38.10 (1.50)	CGA-75-750
3/4	17.53 - 20.57 (0.69 - 0.81)		20.57 (0.81)	52.32 (2.06)	14.22 (0.56)	38.10 (1.50)	CGA-75-812
1	11.18 - 14.22 (0.44 - 0.56)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-562
1	12.70 - 16.00 (0.50 - 0.63)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-625
1	14.22 - 17.53 (0.56 - 0.69)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-688
1	16.00 - 19.05 (0.63 - 0.75)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-750
1	17.53 - 20.57 (0.69 - 0.81)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-812
1	19.05 - 22.35 (0.75 - 0.88)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-875
1	20.57 - 23.88 (0.81 - 0.94)		25.40 (1.00)	58.67 (2.31)	16.00 (0.63)	42.93 (1.69)	CGA-100-938
1-1/4	19.05 - 22.35 (0.75 - 0.88)		33.27 (1.31)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-125-875
1-1/4	22.35 - 25.4 (0.88 - 1.00)		33.27 (1.31)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-125-1000
1-1/4	25.40 - 28.70 (1.00 - 1.13)		33.27 (1.31)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-125-1125
1-1/4	28.7 - 31.75 (1.13 - 1.25)		33.27 (1.31)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-125-1250
1-1/4	31.75 - 35.05 (1.25 - 1.38)		33.27 (1.31)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-125-1375
1-1/2	19.05 - 22.35 (0.75 - 0.88)		38.10 (1.50)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-150-875
1-1/2	22.35 - 25.4 (0.88 - 1.00)		38.10 (1.50)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-150-1000
1-1/2	25.4 - 28.70 (1.00 - 1.13)		38.10 (1.50)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-150-1125
1-1/2	28.70 - 31.75 (1.13 - 1.25)		38.10 (1.50)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-150-1250
1-1/2	31.75 - 35.05 (1.25 - 1.38)		38.10 (1.50)	69.85 (2.75)	17.53 (0.69)	63.50 (2.50)	CGA-150-1375
2	31.75 - 35.05 (1.25 - 1.38)		46.74 (1.84)	95.25 (3.75)	20.57 (0.81)	82.55 (3.25)	CGA-200-1375
2	36.58 - 39.62 (1.44 - 1.56)		46.74 (1.84)	95.25 (3.75)	20.57 (0.81)	82.55 (3.25)	CGA-200-1562
2	39.62 - 42.93 (1.56 - 1.69)		46.74 (1.84)	95.25 (3.75)	20.57 (0.81)	82.55 (3.25)	CGA-200-1688
2	42.93 - 45.97 (1.69 - 1.81)		46.74 (1.84)	95.25 (3.75)	20.57 (0.81)	82.55 (3.25)	CGA-200-1812

# Type CGA Aluminum 90° Strain Relief Cord Grip Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

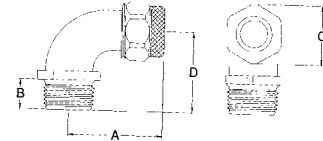
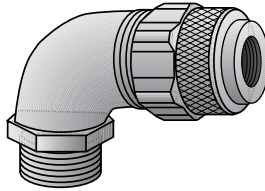
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- With neoprene grommets.
- Rated at +90 °C (+194 °F).

## Standard Materials

- Copperfree (4/10 of 1% max.) aluminum

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- Fed. Spec: Commercial Item Description A-505-52



Type CGA-938

### Dimensions in Millimeters (Inches)

Hub Size (Inches)	Cable Range Dia. Over Jacket		Throat I.D.	A	B	C	Catalog Number
	Min.	Max.					
3/8	3.30 - 4.83 (0.13 - 0.19)		11.43 (0.45)	38.10 (1.50)	11.18 (0.44)	33.27 (1.31)	CGA-938-188
3/8	4.83 - 6.35 (0.19 - 0.25)		11.43 (0.45)	38.10 (1.50)	11.18 (0.44)	33.27 (1.31)	CGA-938-250
3/8	6.35 - 7.87 (0.25 - 0.31)		11.43 (0.45)	38.10 (1.50)	11.18 (0.44)	33.27 (1.31)	CGA-938-312
3/8	7.87 - 9.65 (0.31 - 0.38)		11.43 (0.45)	38.10 (1.50)	11.18 (0.44)	33.27 (1.31)	CGA-938-375
3/8	9.65 - 11.18 (0.38 - 0.44)		14.73 (0.58)	38.10 (1.50)	11.18 (0.44)	33.27 (1.31)	CGA-938-438
1/2	3.30 - 4.83 (0.13 - 0.19)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-188
1/2	4.83 - 6.35 (0.19 - 0.25)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-250
1/2	6.35 - 7.87 (0.25 - 0.31)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-312
1/2	7.87 - 9.65 (0.31 - 0.38)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-375
1/2	9.65 - 11.18 (0.38 - 0.44)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-438
1/2	11.18 - 12.70 (0.44 - 0.50)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-500
1/2	12.70 - 14.22 (0.50 - 0.56)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-562
1/2	14.22 - 16.00 (0.56 - 0.63)		14.73 (0.58)	47.75 (1.88)	14.22 (0.56)	38.10 (1.50)	CGA-950-625
3/4	11.18 - 14.22 (0.44 - 0.56)		19.30 (0.76)	57.15 (2.25)	16.00 (0.63)	49.28 (1.94)	CGA-975-562
3/4	12.70 - 16.00 (0.50 - 0.63)		19.30 (0.76)	57.15 (2.25)	16.00 (0.63)	49.28 (1.94)	CGA-975-625
3/4	14.22 - 17.53 (0.56 - 0.69)		19.30 (0.76)	57.15 (2.25)	16.00 (0.63)	49.28 (1.94)	CGA-975-688
3/4	16.00 - 19.05 (0.63 - 0.75)		19.30 (0.76)	57.15 (2.25)	16.00 (0.63)	49.28 (1.94)	CGA-975-750
3/4	17.53 - 20.57 (0.69 - 0.81)		19.30 (0.76)	57.15 (2.25)	16.00 (0.63)	49.28 (1.94)	CGA-975-812
1	11.18 - 14.22 (0.44 - 0.56)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-562
1	12.70 - 16.00 (0.50 - 0.63)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-625
1	14.22 - 17.53 (0.56 - 0.69)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-688
1	16.00 - 19.05 (0.63 - 0.75)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-750
1	17.53 - 20.57 (0.69 - 0.81)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-812
1	19.05 - 22.35 (0.75 - 0.88)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-875
1	20.57 - 23.88 (0.81 - 0.94)		25.15 (0.99)	60.45 (2.38)	16.00 (0.63)	50.80 (2.00)	CGA-9100-938
1-1/4	19.05 - 22.35 (0.75 - 0.88)		32.51 (1.28)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9125-875
1-1/4	22.35 - 25.40 (0.88 - 1.00)		32.51 (1.28)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9125-1000
1-1/4	25.40 - 28.70 (1.00 - 1.13)		32.51 (1.28)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9125-1125
1-1/4	28.70 - 31.75 (1.13 - 1.25)		32.51 (1.28)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9125-1250
1-1/4	31.75 - 35.05 (1.25 - 1.38)		32.51 (1.28)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9125-1375
1-1/2	19.05 - 22.35 (0.75 - 0.88)		35.56 (1.40)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9150-875
1-1/2	22.35 - 25.40 (0.88 - 1.00)		35.56 (1.40)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9150-1000
1-1/2	25.40 - 28.7 (1.00 - 1.13)		35.56 (1.40)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9150-1125
1-1/2	31.75 - 35.05 (1.25 - 1.38)		35.56 (1.40)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9150-1375
1-1/2	28.70 - 31.75 (1.13 - 1.25)		35.56 (1.40)	81.03 (3.19)	17.53 (0.69)	68.33 (2.69)	CGA-9150-1250
2	31.75 - 35.05 (1.25 - 1.38)		48.26 (1.90)	101.60 (4.00)	20.57 (0.81)	81.03 (3.19)	CGA-9200-1375
2	36.58 - 39.62 (1.44 - 1.56)		48.26 (1.90)	101.60 (4.00)	20.57 (0.81)	81.03 (3.19)	CGA-9200-1562
2	39.62 - 42.93 (1.56 - 1.69)		48.26 (1.90)	101.60 (4.00)	20.57 (0.81)	81.03 (3.19)	CGA-9200-1688
2	42.93 - 45.97 (1.69 - 1.81)		48.26 (1.90)	101.60 (4.00)	20.57 (0.81)	81.03 (3.19)	CGA-9200-1812

# Type CGA Aluminum Straight and 90° Strain Relief Cord Grip Connectors With Wire Mesh Grips

NEC/CEC:  
Listed for Ordinary Locations

## Features

- With neoprene grommets.
- Stainless steel wire mesh grips for superior cable pullout resistance.
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- Rated at +90 °C (+194 °F).

## Standard Materials

- Copperfree (4/10 of 1% max.) aluminum

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- Fed. Spec: Commercial Item Description A-505-52



Type CGA-38-250M



Type CGA-938-250M

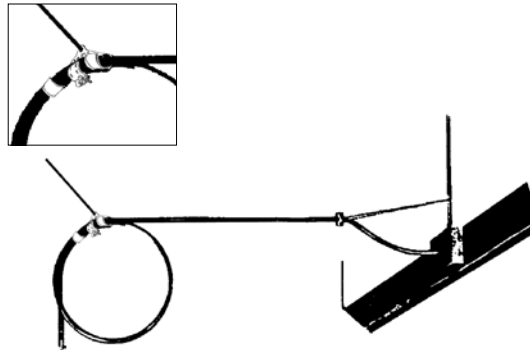
Hub Size (Inches)	Cord Range	Straight Connectors	90° Connectors
3/8	4.83 - 6.35 (0.19 - 0.25)	CGA-38-250M	CGA-938-250M
3/8	6.35 - 7.87 (0.25 - 0.31)	CGA-38-312M	CGA-938-312M
3/8	7.87 - 9.65 (0.31 - 0.38)	CGA-38-375M	CGA-938-375M
3/8	9.65 - 11.18 (0.38 - 0.44)	CGA-38-438M	CGA-938-438M
1/2	4.83 - 6.35 (0.19 - 0.25)	CGA-50-250M	CGA-950-250M
1/2	6.35 - 7.87 (0.25 - 0.31)	CGA-50-312M	CGA-950-312M
1/2	7.87 - 9.65 (0.31 - 0.38)	CGA-50-375M	CGA-950-375M
1/2	9.65 - 11.18 (0.38 - 0.44)	CGA-50-438M	CGA-950-438M
1/2	11.18 - 12.70 (0.44 - 0.5)	CGA-50-500M	CGA-950-500M
1/2	12.7 - 14.22 (0.5 - 0.56)	CGA-50-562M	CGA-950-562M
1/2	14.22 - 16.00 (0.56 - 0.63)	CGA-50-625M	CGA-950-625M
3/4	11.18 - 14.22 (0.44 - 0.56)	CGA-75-562M	CGA-975-562M
3/4	12.70 - 16.00 (0.50 - 0.63)	CGA-75-625M	CGA-975-625M
3/4	14.22 - 17.53 (0.56 - 0.69)	CGA-75-688M	CGA-975-688M
3/4	16.51 - 19.05 (0.65 - 0.75)	CGA-75-750M	CGA-975-750M
3/4	17.53 - 20.57 (0.69 - 0.81)	CGA-75-812M	CGA-975-812M
1	11.18 - 14.22 (0.44 - 0.56)	CGA-100-562M	CGA-9100-562M
1	12.70 - 16.00 (0.50 - 0.63)	CGA-100-625M	CGA-9100-625M
1	14.22 - 17.53 (0.56 - 0.69)	CGA-100-688M	CGA-9100-688M
1	16.00 - 19.05 (0.63 - 0.75)	CGA-100-750M	CGA-9100-750M
1	17.53 - 20.57 (0.69 - 0.81)	CGA-100-812M	CGA-9100-812M
1	19.05 - 22.35 (0.75 - 0.88)	CGA-100-875M	CGA-9100-875M
1	20.57 - 23.88 (0.81 - 0.94)	CGA-100-938M	CGA-9100-938M
1-1/4	22.35 - 25.40 (0.88 - 1.00)	CGA-125-1000M	CGA-9125-1000M
1-1/4	25.40 - 28.70 (1.00 - 1.13)	CGA-125-1125M	CGA-9125-1125M
1-1/4	28.70 - 31.75 (1.13 - 1.25)	CGA-125-1250M	CGA-9125-1250M
1-1/4	31.75 - 35.05 (1.25 - 1.38)	CGA-125-1375M	CGA-9125-1375M
1-1/2	22.35 - 25.40 (0.88 - 1.00)	CGA-150-1000M	CGA-9150-1000M
1-1/2	25.40 - 28.70 (1.00 - 1.13)	CGA-150-1125M	CGA-9150-1125M
1-1/2	28.70 - 31.75 (1.13 - 1.25)	CGA-150-1250M	CGA-9150-1250M
1-1/2	31.75 - 35.05 (1.25 - 1.38)	CGA-150-1375M	CGA-9150-1375M
2	36.58 - 39.62 (1.44 - 1.56)	CGA-200-1562M	CGA-9200-1562M
2	39.62 - 42.93 (1.56 - 1.69)	CGA-200-1688M	CGA-9200-1688M
2	42.93 - 45.97 (1.69 - 1.81)	CGA-200-1812M	CGA-9200-1812M

# Bus Drop Cable Supports and Clamps

NEC/CEC:  
Rated for Ordinary Locations


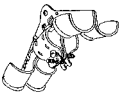



## Applications

- “Bus-Drop” cable clamps designed for exposed branch feeder installations.
- Supports cable in flexible connecting circuits used to feed equipment. Cable is run in fixed overhead bused structures to a point directly above equipment then dropped with a 90° bend. At the point of drop, the cable clamp is installed to support the cable.
- Mooring cable clamps are used to attach a guy wire to the cable where it leaves bus structure, thus preventing wire terminal strain and possible conductor breakage.



## Features

- Clamps provide maximum versatility of installation where equipment is likely to be moved from one location to another. Installation is fast and modification is simple.
- One clamp covers entire range of cable sizes and can be used for one 90° bend.
- Two clamps, back to back, allow for an additional loop providing extra cable footage when a machine is likely to be moved.

	Cable Range in Millimeters (Inches)	Weight per 100 kg (lb)	Catalog Number
<b>“Bus-Drop” Cable Clamps and Strap</b>			
	10.2 - 30.2 (0.40 - 1.19)	26.76 (59.00)	<b>BD-1</b>
	10.2 - 30.2 (0.40 - 1.19)	53.52 (118.00)	<b>BD-1D</b>
	10.2 - 30.2 (0.40 - 1.19)	23.59 (52.00)	<b>BD-1A</b>
	10.2 - 30.2 (0.40 - 1.19)	4.08 (9.00)	<b>BD-1B</b>
<b>“Bus-Drop” Mooring Cable Clamps</b>			
	10.2 - 22.4 (0.40 - 0.88)	7.71 (17.00)	<b>BDM-1</b>
	22.4 - 30.2 (0.88 - 1.19)	15.42 (34.00)	<b>BDM-2</b>

# Types A, ABB, BB and BBL Insulating Bushings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

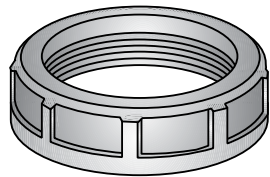
## Type A

### Applications

- To insulate end of threaded rigid and IMC.

### NEC/CEC Certifications and Compliances

- UL Listed: E-11853
- CSA Certified: 065183



Type A

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Outside Dia.	Overall Height	Catalog Number
1/2	28.70 (1.13)	12.70 (0.50)	<b>A-50</b>
3/4	35.05 (1.38)	12.70 (0.50)	<b>A-75</b>
1	44.45 (1.75)	16.00 (0.63)	<b>A-100</b>
1-1/4	54.10 (2.13)	19.05 (0.75)	<b>A-125</b>
1-1/2	60.45 (2.38)	19.05 (0.75)	<b>A-150</b>
2	73.15 (2.88)	19.05 (0.75)	<b>A-200</b>
2-1/2	85.85 (3.38)	22.35 (0.88)	<b>A-250</b>
3	101.60 (4.00)	22.35 (0.88)	<b>A-300</b>
3-1/2	117.60 (4.63)	22.35 (0.88)	<b>A-350</b>
4	130.30 (5.13)	22.35 (0.88)	<b>A-400</b>
5	158.75 (6.25)	28.70 (1.13)	<b>A-500</b>
6	187.45 (7.38)	28.70 (1.13)	<b>A-600</b>

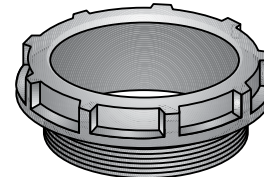
## Type BB

### Applications

- To insulate cables passing through metal boxes or troughs.

### NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 11584



Type BB

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Outside Dia.	Bushing Hole Dia.	Thread Length	Catalog Number
1/2	28.70 (1.13)	16.00 (0.63)	9.65 (0.38)	<b>BB-50</b>
3/4	35.05 (1.38)	19.05 (0.75)	9.65 (0.38)	<b>BB-75</b>
1	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	<b>BB-100</b>
1-1/4	54.10 (2.13)	31.75 (1.25)	12.70 (0.50)	<b>BB-125</b>
1-1/2	60.45 (2.38)	38.10 (1.50)	12.70 (0.50)	<b>BB-150</b>
2	73.15 (2.88)	50.80 (2.00)	12.70 (0.50)	<b>BB-200</b>
2-1/2	85.85 (3.38)	60.45 (2.38)	16.00 (0.63)	<b>BB-250</b>
3	101.60 (4.00)	76.20 (3.00)	16.00 (0.63)	<b>BB-300</b>
3-1/2	117.60 (4.63)	88.90 (3.50)	16.00 (0.63)	<b>BB-350</b>
4	130.30 (5.13)	98.55 (3.88)	16.00 (0.63)	<b>BB-400</b>
5	158.75 (6.25)	123.95 (4.88)	19.05 (0.75)	<b>BB-500</b>
6	187.45 (7.38)	149.35 (5.88)	19.05 (0.75)	<b>BB-600</b>

# Types A, ABB, BB and BBL Insulating Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

## Type ABB

### Applications

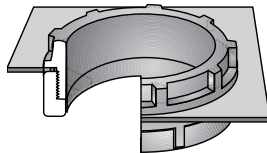
- A combination of Type "A" and "BB" Bushings. For insulating cables passing through metal boxes or troughs.

### Features

- High impact black thermosetting phenolic bushings, with at +150 °C (+302 °F) UL temperature rating, that will not soften, melt or burn.

### NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 011584
- UL Standard: ANSI/UL 514B
- CSA Standard: C22.2 No. 18
- NEMA Standard: FB-1



Type ABB

Dimensions in Millimeters (Inches)							
Trade Size (Inches)	Outside Dia.	Hole Dia.	Thread Length	Shd. Ht. Type "BB"	Type "A"	Max. Encl. Thick	Catalog Number
1/2	28.70 (1.13)	16.00 (0.63)	9.65 (0.38)	6.35 (0.25)	12.70 (0.50)	3.30 (0.13)	ABB-50
3/4	35.05 (1.38)	19.05 (0.75)	9.65 (0.38)	6.35 (0.25)	12.70 (0.50)	3.30 (0.13)	ABB-75
1	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	9.65 (0.38)	16.00 (0.63)	6.35 (0.25)	ABB-100
1-1/4	54.10 (2.13)	31.75 (1.25)	12.70 (0.50)	9.65 (0.38)	19.05 (0.75)	6.35 (0.25)	ABB-125
1-1/2	60.45 (2.38)	38.10 (1.50)	12.70 (0.50)	9.65 (0.38)	19.05 (0.75)	6.35 (0.25)	ABB-150
2	73.15 (2.88)	50.80 (2.00)	12.70 (0.50)	12.70 (0.50)	19.05 (0.75)	6.35 (0.25)	ABB-200
2-1/2	85.85 (3.38)	60.45 (2.38)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	ABB-250
3	101.60 (4.00)	76.20 (3.00)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	ABB-300
3 -/2	117.60 (4.63)	88.90 (3.50)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	ABB-350
4	130.30 (5.13)	98.55 (3.88)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	ABB-400
5	158.75 (6.25)	123.95 (4.88)	19.05 (0.75)	12.70 (0.50)	28.70 (1.13)	6.35 (0.25)	ABB-500
6	187.45 (7.38)	149.35 (5.88)	19.05 (0.75)	12.70 (0.50)	28.70 (1.13)	6.35 (0.25)	ABB-600

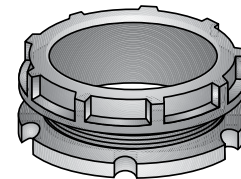
## Type BBL

### Applications

- Type BB provided with a steel locknut.

### NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 11584



Type BBL

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	Bushing Outside Dia.	Hole Dia.	Locknut Thread Length	Max Dia.	Catalog Number
1/2	16.00 (0.63)	16.00 (0.63)	9.65 (0.38)	28.70 (1.13)	BBL-50
3/4	19.05 (0.75)	19.05 (0.75)	9.65 (0.38)	38.10 (1.50)	BBL-75
1	25.40 (1.00)	25.40 (1.00)	12.70 (0.50)	44.45 (1.75)	BBL-100
1-1/4	31.75 (1.25)	31.75 (1.25)	12.70 (0.50)	60.45 (2.38)	BBL-125
1-1/2	38.10 (1.50)	38.10 (1.50)	12.70 (0.50)	66.8 (2.63)	BBL-150
2	50.80 (2.00)	50.80 (2.00)	12.70 (0.50)	79.50 (3.13)	BBL-200
2-1/2	60.45 (2.38)	60.45 (2.38)	16.00 (0.63)	92.20 (3.63)	BBL-250
3	76.20 (3.00)	76.20 (3.00)	16.00 (0.63)	111.25 (4.38)	BBL-300
3-1/2	88.90 (3.50)	88.90 (3.50)	16.00 (0.63)	127.00 (5.00)	BBL-350
4	98.55 (3.88)	98.55 (3.88)	16.00 (0.63)	139.70 (5.50)	BBL-400
5	123.95 (4.88)	123.95 (4.88)	19.05 (0.75)	174.75 (6.88)	BBL-500
6	149.35 (5.88)	149.35 (5.88)	19.05 (0.75)	203.2 (8.00)	BBL-600



# Types B, HB, AB, RB, SB and SBT Specification Grade Insulated Bushings

For Rigid Metal Conduit, IMC and EMT.

## NEC/CEC:

Listed for Ordinary Locations

## Applications

- To protect insulated conductors from abrasion during pulling and from mechanical vibration.
- To provide voltage gradient between live conductors and ground at point of electrical and mechanical stress on conductor insulation.

## Features

- Molded-on high impact phenolic thermosetting insulation.
- UL insulation temperature rating 150°C.
- Positive metallic conduit stop.

## Standard Materials

### For Threaded Rigid and IMC

- **Type B:**
  - 1/2" and 3/4" - Steel
  - 1" to 6" - Malleable iron
- **Type HB:**
  - 1/2" and 3/4" - Steel
  - 1" to 6" - Malleable iron
- **Type AB:** Aluminum Bushing
- **Type RB:** Bronze, for highly corrosive atmospheres

### For Threadless Rigid and IMC

- **Type SB:**
  - 1/2" and 3/4" - Steel
  - 1" to 6" - Malleable iron

### For EMT

- **Type SBT:**
  - 1/2" and 3/4" - Steel
  - 1" to 6" - Malleable iron

## Standard Finishes

### Type B:

- 1/2" and 3/4", 1" to 6" - Zinc plated

### Type HB:

- 1/2" and 3/4", 1" to 6" - Mechanical/Hot dip galvanized

### Type AB:

Aluminum Bushing

### Type RB:

- 1/2" and 3/4", 1" to 6" - Zinc plated with stainless steel screws

### Type SBT:

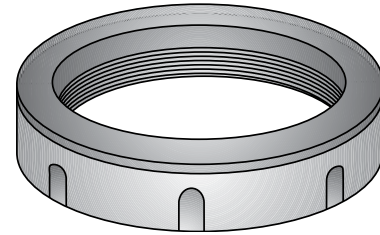
- 1/2" and 3/4", 1" to 6" - Zinc plated with stainless steel screws

## Options

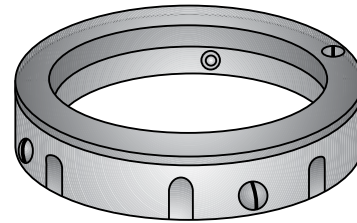
- Type B insulated bushings are also available for threadless rigid and IMC in the following materials:
- Type HSB: Malleable Iron or Steel Mechanical/Hot Dip Galvanized
- Type ASB: Aluminum
- Type RSB: Bronze

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 011584
- NEMA: FB-1



Type B  
Threaded



Type SB  
Threadedless

# Types B, HB, AB, RB, SB and SBT Specification Grade Insulated Bushings

For Rigid Metal Conduit, IMC and EMT.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Threaded for Rigid Conduit and IMC Catalog Numbers				Threadless Rigid and IMC Catalog Numbers	EMT Catalog Numbers
	Malleable Iron or Steel/ Zinc Plated	Mechanically or Hot-Dip Galvanized	Copper Free Aluminum	Bronze	Malleable Iron or Steel/ Zinc Plated	Malleable Iron or Steel/ Zinc Plated
1/2	B-50	HB-50	AB-50	RB-50	SB-50	SBT-50
3/4	B-75	HB-75	AB-75	RB-75	SB-75	SBT-75
1	B-100	HB-100	AB-100	RB-100	SB-100	SBT-100
1-1/4	B-125	HB-125	AB-125	RB-125	SB-125	SBT-125
1-1/2	B-150	HB-150	AB-150	RB-150	SB-150	SBT-150
2	B-200	HB-200	AB-200	RB-200	SB-200	SBT-200
2-1/2	B-250	HB-250	AB-250	RB-250	SB-250	SB-250
3	B-300	HB-300	AB-300	RB-300	SB-300	SB-300
3-1/2	B-350	HB-350	AB-350	RB-350B	SB-350	SB-350
4	B-400	HB-400	AB-400	RB-400	SB-400	SB-400
5	B-500	HB-500	AB-500	RB-500	SB-500	—
6	B-600	HB-600	AB-600	RB-600	SB-600	—

Trade Size (Inches)	Dimensions in Millimeters (Inches)	
	Max. Dia.	Overall Height
1/2	28.70 (1.13)	38.10 (1.50)
3/4	35.05 (1.38)	16.00 (0.63)
1	41.40 (1.63)	19.05 (0.75)
1-1/4	50.80 (2.00)	19.05 (0.75)
1-1/2	57.15 (2.25)	19.05 (0.75)
2	69.85 (2.75)	22.35 (0.88)
2-1/2	82.55 (3.25)	25.40 (1.00)
3	101.60 (4.00)	25.40 (1.00)
3-1/2	114.30 (4.50)	25.40 (1.00)
4	127.00 (5.00)	28.70 (1.13)
5	158.75 (6.25)	31.75 (1.25)
6	187.45 (7.38)	35.05 (1.38)

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

# Types BLG, HBLG, ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
*Listed for Ordinary Locations*

## Applications

- To provide a compact means of grounding conduit through an Insulated Bushing.
- To protect insulated conductors from abrasion during pulling and mechanical vibration.
- To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

## Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150 °C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

## Standard Materials

### Type BLG:

- 1/2" and 3/4" - Steel
- 1" to 6" - Malleable iron

### Type HBLG:

- 1/2" and 3/4" - Steel
- 1" to 6" - Malleable iron

## Standard Finishes

### Type BLG:

- 1/2" and 3/4", 1" to 6" - Zinc plated with stainless steel screws

### Type HBLG:

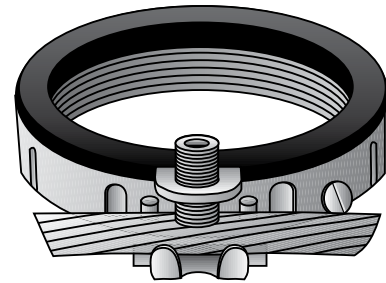
- 1/2" and 3/4", 1" to 6" - Mechanical/Hot dip galvanized with stainless steel screws

## Options

- Type BLG grounding bushings are also available for use on threaded conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HBLG. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467, 468
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



**Type BLG  
Threaded**

**OZGEDNEY**

**COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS**

# Types BLG, HBLG, ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

Grounding Wire Size ①		Dimensions in Millimeters (Inches)				Catalog Number	
Trade Size (Inches)	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Zinc Plated	Mechanically or Hot-Dip Galvanized
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	BLG-0504	HBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	BLG-0522	HBLG-0522
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	BLG-0704	HBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	BLG-0722	HBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	BLG-1104	HBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	BLG-1122	HBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	BLG-1204	HBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	BLG-1222	HBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	BLG-1504	HBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	BLG-1522	HBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	BLG-2004	HBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	BLG-2022	HBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	BLG-2604	HBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	BLG-2622	HBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	BLG-2624	HBLG-2624
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	BLG-2650	HBLG-2650
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	BLG-3104	HBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	BLG-3122	HBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	BLG-3124	HBLG-3124
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	BLG-3150	HBLG-3150
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	BLG-3604	HBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	BLG-3622	HBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	BLG-3624	HBLG-3624
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	BLG-3650	HBLG-3650
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	BLG-4104	HBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	BLG-4122	HBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	BLG-4124	HBLG-4124
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	BLG-4150	HBLG-4150
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	BLG-5104	HBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	BLG-5122	HBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	BLG-5124	HBLG-5124
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	BLG-5150	HBLG-5150
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	BLG-6104	HBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	BLG-6122	HBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	BLG-6124	HBLG-6124
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	BLG-6150	HBLG-6150

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.

# Types BLG, HBLG, ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
*Listed for Ordinary Locations*

## Applications

- To provide a compact means of grounding conduit through an Insulated Bushing.
- To protect insulated conductors from abrasion during pulling and mechanical vibration.
- To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

## Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

## Standard Materials

### Type ABLG:

- Aluminum bushing with stainless steel screws

### Type HRBLG:

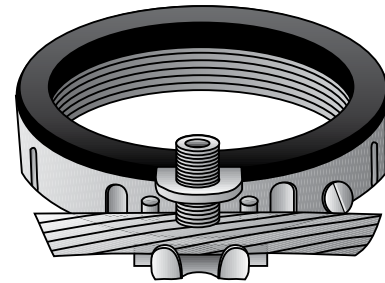
- Bronze bushing with stainless steel screws

## Options

- Type ABLG grounding bushings are also available for threadless conduit in bronze and/or aluminum. Specify: Type RSBLG for bronze bushings or Type ASBLG for aluminum bushings. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



**Type ABLG  
Threaded**

**OZGEDNEY**

**COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKOUTS**

# Types BLG, HBLG, ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Grounding Wire Size ①		Dimensions in Millimeters (Inches)			Catalog Number	
	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Copper Free Aluminum	Bronze
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	ABLG-0504	RBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	ABLG-0522	RBLG-0522
3/4	14	4	44.45 (1.75)	16.00 (0.63)	31.75 (1.25)	ABLG-0704	RBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	ABLG-0722	RBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	ABLG-1104	RBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	ABLG-1122	RBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	ABLG-1204	RBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	ABLG-1222	RBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	ABLG-1504	RBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	ABLG-1522	RBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	ABLG-2004	RBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	ABLG-2022	RBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	ABLG-2604	RBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	ABLG-2622	RBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	ABLG-2624	RBLG-2624
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	—	RBLG-2650
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	ABLG-3104	RBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	ABLG-3122	RBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	ABLG-3124	RBLG-3124
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	—	RBLG-3150
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	ABLG-3604	RBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	ABLG-3622	RBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	ABLG-3624	RBLG-3624
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	—	RBLG-3650
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	ABLG-4104	RBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	ABLG-4122	RBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	ABLG-4124	RBLG-4124
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	—	RBLG-4150
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	ABLG-5104	RBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	ABLG-5122	RBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	ABLG-5124	RBLG-5124
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	—	RBLG-5150
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	ABLG-6104	RBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	ABLG-6122	RBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	ABLG-6124	RBLG-6124
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	—	RBLG-6150

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.

# Type SBLG Specification Grade Insulated Grounding Bushings

For Threadedless Rigid Conduit and IMC.

**NEC/CEC:**  
*Listed for Ordinary Locations*

## Applications

- Provides a compact means of grounding conduit through an insulated bushing.
- Protects insulated conductors from abrasion during pulling and mechanical vibration.
- Provides voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

## Features

- Tin plated copper saddle for use with copper or aluminum conductors.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C UL rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

## Standard Materials

- Bushings 1/2" and 3/4" - Steel
- Bushings 1" to 6" - Malleable iron
- Grounding Saddle - Tin plated copper
- Clamping tension body - Stainless steel
- All Screws - Stainless steel

## Standard Finishes

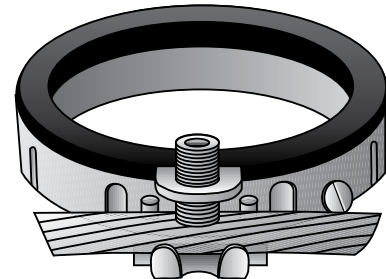
- Bushings 1/2" and 3/4" - Zinc plated
- Bushings 1" to 6" - Zinc plated

## Options

- Type SBLG grounding bushings are also available for use on threadedless conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HSBLG. Contact your local representative for pricing and availability.
- Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 065183
- NEMA Standard: FB-1



**Type SBLG**  
**Threadedless**

**OSGEDNEY**

**COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS**

# Type SBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Grounding Wire Size ①		Dimensions in Millimeters (Inches)			Copper Free Aluminum Catalog Number
	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	SBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	SBLG-0522
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	SBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	SBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	SBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	SBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	SBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	SBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	SBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	SBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	SBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	SBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	SBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	SBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	SBLG-2624
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	SBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	SBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	SBLG-3124
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	SBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	SBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	SBLG-3624
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	SBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	85.85 (3.38)	SBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	SBLG-4124
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	SBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	SBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	SBLG-5124
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	SBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	SBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	SBLG-6124

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.



# Type 300R Hex Reducing Bushings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To reduce a threaded conduit entry into a smaller trade size.

## Standard Materials

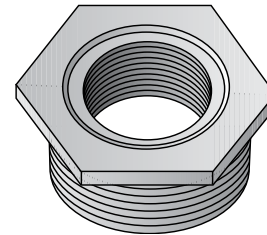
- Malleable iron

## Standard Finishes

- Zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



Type 300R

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Max. Dim. Across Corners	Thread Length	Flange Thickness	Catalog Number
1/2 - 3/8	28.70 (1.13)	12.07 (0.50)	4.06 (0.16)	320-R
3/4 - 1/2	36.58 (1.44)	16.00 (0.63)	4.83 (0.19)	321-R
1 - 3/4	41.40 (1.63)	16.00 (0.63)	4.83 (0.19)	322-R
1 - 1/2	41.40 (1.63)	17.53 (0.69)	4.06 (0.16)	323-R
1-1/4 - 1/2	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	324-R
1-1/4 - 3/4	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	325-R
1-1/4 - 1	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	326-R
1-1/2 - 1-1/4	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	327-R
1-1/2 - 1	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	328-R
1-1/2 - 3/4	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	329-R
1-1/2 - 1/2	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	330-R
2 - 1-1/2	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	331-R
2 - 1-1/4	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	332-R
2 - 1	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	333-R
2 - 3/4	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	334-R
2 - 1/2	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	335-R
2-1/2 - 2	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	336-R
2-1/2 - 1-1/2	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	337-R
2-1/2 - 1	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	339-R
3 - 1-1/2	100.08 (3.94)	26.92 (1.06)	12.70 (0.50)	340-R
3 - 2	96.77 (3.81)	28.70 (1.13)	12.70 (0.50)	341-R
3 - 2-1/2	100.08 (3.94)	26.92 (1.06)	12.70 (0.50)	342-R
3-1/2 - 3	112.78 (4.44)	38.10 (1.50)	12.70 (0.50)	349-R
3-1/2 - 2-1/2	112.78 (4.44)	38.10 (1.50)	12.70 (0.50)	350-R
4 - 2-1/2	130.30 (5.13)	36.58 (1.44)	12.70 (0.50)	355-R
4 - 3	136.65 (5.38)	31.75 (1.25)	12.70 (0.50)	356-R
4 - 3-1/2	136.65 (5.38)	31.75 (1.25)	12.70 (0.50)	357-R

① Not UL Listed.

# Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Used with a locknut to terminate rigid metal conduit or IMC conduit to a box or enclosure.

## Features


- Provides a smooth pulling surface.


## Material/Finish

- BU: malleable iron/zinc electroplated
- BBU: impact resistant plastic or thermoplastic

## NEC/CEC Certifications and Compliances



- UL Standard: 514B
- UL Listed: E-11853,
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Diameter	Height		
<b>Threaded Bushings — Malleable Iron, Zinc Electroplated</b>					
	1/2	26.2 (1.03)	9.7 (0.38)	BU50	2-50
	3/4	31.8 (1.25)	11.2 (0.44)	BU75	2-75
	1	39.6 (1.56)	12.7 (0.50)	BU100	2-100
	1-1/4	50.8 (2.00)	16.0 (0.63)	BU125	2-125
	1-1/2	54.9 (2.16)	16.0 (0.63)	BU150	2-150
	2	66.8 (2.63)	16.0 (0.63)	BU200	2-200
	2-1/2	81.0 (3.19)	19.1 (0.75)	BU250	2-250
	3	96.8 (3.81)	23.9 (0.94)	BU300	2-300
	3-1/2	112.8 (4.44)	23.9 (0.94)	BU350	2-350
	4	125.5 (4.94)	26.9 (1.06)	BU400	2-400
	5	152.4 (6.00)	30.2 (1.19)	BU500	2-500
6	187.5 (7.38)	33.3 (1.31)	BU600	2-600	

<b>Threaded Bushings — Insulated — +150 °C (+302 °F) Temperature Rating — Malleable Iron, Zinc Electroplated</b>					
	1/2	30.2 (1.19)	12.7 (0.50)	BU50I	IBC-50
	3/4	36.6 (1.44)	14.2 (0.56)	BU75I	IBC-75
	1	44.5 (1.75)	16.0 (0.63)	BU100I	IBC-100
	1-1/4	54.1 (2.13)	19.1 (0.75)	BU125I	IBC-125
	1-1/2	58.7 (2.31)	22.4 (0.88)	BU150I	IBC-150
	2	71.4 (2.81)	23.9 (0.94)	BU200I	IBC-200
	2-1/2	85.9 (3.38)	25.4 (1.00)	BU250I	IBC-250
	3	103.1 (4.06)	28.7 (1.13)	BU300I	IBC-300
	3-1/2	114.3 (4.50)	30.2 (1.19)	BU350I	IBC-350
	4	131.8 (5.19)	33.3 (1.31)	BU400I	IBC-400
	5	153.9 (6.06)	33.3 (1.31)	BU500I	IBC-500
6	184.2 (7.25)	33.3 (1.31)	BU600I	IBC-600	

# Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations



	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Diameter	Height		
<b>Threadless Bushings – Insulated – +150 °C (+302 °F) Temperature Rating – Malleable Iron, Zinc Electroplated</b>					
	1/2	30.2 (1.19)	9.7 (0.38)	BU50SI	IBC-50S
	3/4	36.6 (1.44)	11.2 (0.44)	BU75SI	IBC-75S
	1	44.5 (1.75)	12.7 (0.50)	BU100SI	IBC-100S
	1-1/4	54.1 (2.13)	16.0 (0.63)	BU125SI	IBC-125S
	1-1/2	58.7 (2.31)	16.0 (0.63)	BU150SI	IBC-150S
	2	71.4 (2.81)	16.0 (0.63)	BU200SI	IBC-200S
	2-1/2	85.9 (3.38)	19.1 (0.75)	BU250SI	IBC-250S
	3	103.1 (4.06)	23.9 (0.94)	BU300SI	IBC-300S
	3-1/2	114.3 (4.50)	23.9 (0.94)	BU350SI	IBC-350S
	4	131.8 (5.19)	26.9 (1.06)	BU400SI	IBC-400S
<b>Threaded Capped Bushings – Malleable Iron, Zinc Electroplated, Polyethylene Cap</b>					
	1/2	26.2 (1.03)	9.7 (0.38)	BUC50	3-50
	3/4	31.8 (1.25)	11.2 (0.44)	BUC75	3-75
	1	39.6 (1.56)	12.7 (0.50)	BUC100	3-100
	1-1/4	50.8 (2.00)	16.0 (0.63)	BUC125	3-125
	1-1/2	54.9 (2.16)	16.0 (0.63)	BUC150	3-150
	2	66.8 (2.63)	16.0 (0.63)	BUC200	3-200
	2-1/2	81.0 (3.19)	19.1 (0.75)	BUC250	3-250
	3	96.8 (3.81)	23.9 (0.94)	BUC300	3-300
	3-1/2	112.8 (4.44)	23.9 (0.94)	BUC350	3-350
	4	125.5 (4.94)	26.9 (1.06)	BUC400	3-400
	5	152.4 (6.00)	30.2 (1.19)	BUC500	3-500
	6	187.5 (7.38)	33.3 (1.31)	BUC600	3-600

Appleton™ O-Z/GEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

# Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Diameter	Height		
<b>Threaded Impact Resistant Plastic Bushing — +105 °C (+221 °F) Temperature Rating</b>					
	1/2	26.9 (1.06)	10.4 (0.41)	BBU50	IB-50
	3/4	33.3 (1.31)	10.4 (0.41)	BBU75	IB-75
	1	39.6 (1.56)	14.2 (0.56)	BBU100	IB-100
	1-1/4	48.5 (1.91)	14.2 (0.56)	BBU125	IB-125
	1-1/2	55.6 (2.19)	14.2 (0.56)	BBU150	IB-150
	2	68.3 (2.69)	16.0 (0.63)	BBU200	IB-200
	2-1/2	81.0 (3.19)	18.3 (0.72)	BBU250	IB-250
	3	97.5 (3.84)	19.1 (0.75)	BBU300	IB-300
	3-1/2	110.2 (4.34)	19.1 (0.75)	BBU350	IB-350
	4	122.9 (4.84)	19.8 (0.78)	BBU400	IB-400
	5	160.3 (6.31)	25.4 (1.00)	—	IB-500
	6	189.0 (7.44)	25.4 (1.00)	—	IB-600
<b>Threaded Thermoplastic Bushing — +150 °C (+302 °F) Temperature Rating</b>					
	1/2	26.9 (1.06)	10.4 (0.41)	BBU50H	—
	3/4	33.3 (1.31)	10.4 (0.41)	BBU75H	—
	1	39.6 (1.56)	14.2 (0.56)	BBU100H	—
	1-1/4	48.5 (1.91)	14.2 (0.56)	BBU125H	—
	1-1/2	55.6 (2.19)	14.2 (0.56)	BBU150H	—
	2	68.3 (2.69)	16.0 (0.63)	BBU200H	—
	2-1/2	81.0 (3.19)	18.3 (0.72)	BBU250H	—
	3	97.5 (3.84)	19.1 (0.75)	BBU300H	—
3-1/2	110.2 (4.34)	19.1 (0.75)	BBU350H	—	
4	122.9 (4.84)	19.8 (0.78)	BBU400H	—	

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-LS-AC and IBC-LS-AC Series - with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- GIB-LS Series insulated bushings fasten and ground threadless rigid metal conduit to an enclosure.
- GIB-L Series insulated bushings fasten and ground threaded rigid metal conduit to an enclosure.
- Can be used with a locknut to terminate conduit at an enclosure.
- Lug used to connect bonding jumper to a neutral bus bar.

## Features

- Temperature rating +150 °C (+302 °F).
- Insulating liner material is self-extinguishing.
- The plastic liner is tough. It won't chip, crack, swell or shrink. It resists corrosion, chemicals and temperature extremes. Surface friction is so low that wires can be pulled with virtually no abrasion on the cable insulation.

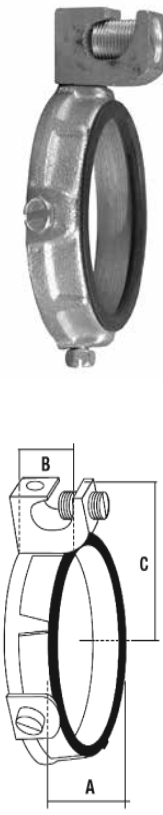
- GIB-LS Series is provided with a set-screw allowing fitting to lock bushing in any desired position.
- UL listed for use with copper or aluminum grounding conductors.
- Lugs not sold separately.

## Material/Finish

- Body: malleable iron/zinc plated
- Lug: aluminum/tin plated or bronze/bright dip
- Clamping and set screw: steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E6581
- CSA Standard: C22.2 No. 41
- NEMA: FB-1

	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Aluminum Lug	O-Z/Gedney™ Catalog Number Aluminum Lug	
	Trade Size (Inches)	Min.	Max.	A Bushing Diameter	B Bushing Height			C Turning Radius w/Lug
	1/2	14 SOL	4 STR	30.2 (1.19)	11.2 (0.44)	30.2 (1.19)	GIB-50LS-4AC	IBC-50LS-4AC
	3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	GIB-75LS-4AC	IBC-75LS-4AC
	1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	GIB-100LS-4AC	IBC-100LS-4AC
	1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	GIB-100LS-20AC	IBC-100LS-20AC
	1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	GIB-125LS-4AC	IBC-125LS-4AC
	1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	GIB-125LS-20AC	IBC-125LS-20AC
	1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	GIB-150LS-4AC	IBC-150LS-4AC
	1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	GIB-150LS-20AC	IBC-150LS-20AC
	2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	GIB-200LS-4AC	IBC-200LS-4AC
	2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	GIB-200LS-20AC	IBC-200LS-20AC
	2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	GIB-250LS-4AC	IBC-250LS-4AC
	2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	GIB-250LS-20AC	IBC-250LS-20AC
	2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	GIB-250LS-25AC	IBC-250LS-25AC
	3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	GIB-300LS-4AC	IBC-300LS-4AC
	3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	GIB-300LS-20AC	IBC-300LS-20AC
	3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	GIB-300LS-25AC	IBC-300LS-25AC

Appleton™ O-Z/GEDNEY

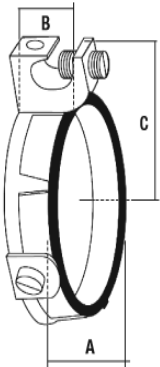
COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-LS-AC and IBC-LS-AC Series - with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Aluminum Lug	O-Z/Gedney™ Catalog Number Aluminum Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	GIB-350LS-4AC	IBC-350LS-4AC
	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	GIB-350LS-20AC	IBC-350LS-20AC
	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	GIB-350LS-25AC	IBC-350LS-25AC
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	GIB-400LS-4AC	IBC-400LS-4AC
	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	GIB-400LS-20AC	IBC-400LS-20AC
	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	GIB-400LS-25AC	IBC-400LS-25AC
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	GIB-500LS-4AC	IBC-500LS-4AC
	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	GIB-500LS-20AC	IBC-500LS-20AC
	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	GIB-500LS-25AC	IBC-500LS-25AC
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	GIB-600LS-4AC	IBC-600LS-4AC
	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	GIB-600LS-20AC	IBC-600LS-20AC
	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	GIB-600LS-25AC	IBC-600LS-25AC



Appleton OZGEDNEY

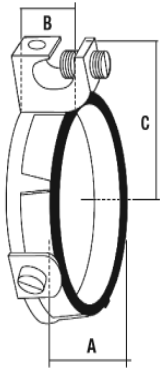
COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

IBC-LS-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Bronze Lug	O-Z/Gedney™ Catalog Number Bronze Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
1/2	14 SOL	4 STR	30.2 (1.19)	11.2 (0.44)	30.2 (1.19)	—	IBC-50LS-4BC
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	—	IBC-75LS-4BC
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	—	IBC-100LS-4BC
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	—	IBC-100LS-20BC
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	—	IBC-125LS-4BC
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	—	IBC-125LS-20BC
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	—	IBC-150LS-4BC
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	—	IBC-150LS-20BC
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	—	IBC-200LS-4BC
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	—	IBC-200LS-20BC
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	—	IBC-250LS-4BC
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	—	IBC-250LS-20BC
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	—	IBC-250LS-25BC
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	—	IBC-300LS-4BC
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	—	IBC-300LS-20BC
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	—	IBC-300LS-25BC



Appleton™ O-Z/GEDNEY

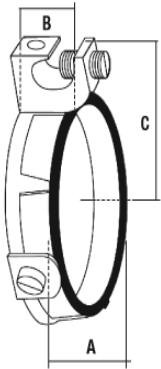
COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

IBC-LS-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Bronze Lug	O-Z/Gedney™ Catalog Number Bronze Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	—	IBC-350LS-4BC
3-1/2	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	—	IBC-350LS-20BC
3-1/2	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	—	IBC-350LS-25BC
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	—	IBC-400LS-4BC
4	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	—	IBC-400LS-20BC
4	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	—	IBC-400LS-25BC
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	—	IBC-500LS-4BC
5	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	—	IBC-500LS-20BC
5	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	—	IBC-500LS-25BC
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	—	IBC-600LS-4BC
6	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	—	IBC-600LS-20BC
6	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	—	IBC-600LS-25BC



Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

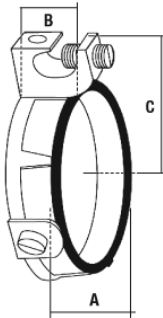


# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-L-AC and IBC-L-AC Series - with Bronze Lay-In-Lug™ for Copper Conductors Only.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Aluminum Lug	O-Z/Gedney™ Catalog Number Aluminum Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
1/2	14 SOL	4 STR	35.8 (1.41)	11.2 (0.44)	30.2 (1.19)	GIB-50L-4AC	IBC-50L-4AC
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	GIB-75L-4AC	IBC-75L-4AC
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	GIB-100L-4AC	IBC-100L-4AC
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	GIB-100L-20AC	IBC-100L-20AC
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	GIB-125L-4AC	IBC-125L-4AC
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	GIB-125L-20AC	IBC-125L-20AC
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	GIB-150L-4AC	IBC-150L-4AC
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	GIB-150L-20AC	IBC-150L-20AC
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	GIB-200L-4AC	IBC-200L-4AC
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	GIB-200L-20AC	IBC-200L-20AC
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	GIB-250L-4AC	IBC-250L-4AC
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	GIB-250L-20AC	IBC-250L-20AC
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	GIB-250L-25AC	IBC-250L-25AC
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	GIB-300L-4AC	IBC-300L-4AC
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	GIB-300L-20AC	IBC-300L-20AC
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	GIB-300L-25AC	IBC-300L-25AC



Appleton O-Z/GEDNEY

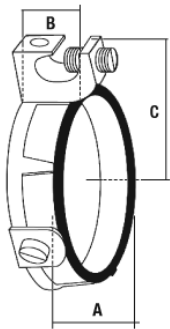
COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-L-AC and IBC-L-AC Series - with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Aluminum Lug	O-Z/Gedney™ Catalog Number Aluminum Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	GIB-350L-4AC	IBC-350L-4AC
	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	GIB-350L-20AC	IBC-350L-20AC
	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	GIB-350L-25AC	IBC-350L-25AC
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	GIB-400L-4AC	IBC-400L-4AC
	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	GIB-400L-20AC	IBC-400L-20AC
	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	GIB-400L-25AC	IBC-400L-25AC
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	GIB-500L-4AC	IBC-500L-4AC
	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	GIB-500L-20AC	IBC-500L-20AC
	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	GIB-500L-25AC	IBC-500L-25AC
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	GIB-600L-4AC	IBC-600L-4AC
	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	GIB-600L-20AC	IBC-600L-20AC
	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	GIB-600L-25AC	IBC-600L-25AC



Appleton OZGEDNEY

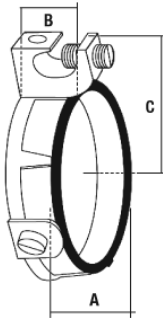
COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-L-BC and IBC-L-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors Only.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Bronze Lug	O-Z/Gedney™ Catalog Number Bronze Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
1/2	14 SOL	4 STR	35.8 (1.41)	11.2 (0.44)	30.2 (1.19)	GIB-50L-4BC	IBC-50L-4BC
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	GIB-75L-4BC	IBC-75L-4BC
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	GIB-100L-4BC	IBC-100L-4BC
	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	GIB-100L-20BC	IBC-100L-20BC
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	GIB-125L-4BC	IBC-125L-4BC
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	GIB-125L-20BC	IBC-125L-20BC
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	GIB-150L-4BC	IBC-150L-4BC
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	GIB-150L-20BC	IBC-150L-20BC
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	GIB-200L-4BC	IBC-200L-4BC
	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	GIB-200L-20BC	IBC-200L-20BC
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	GIB-250L-4BC	IBC-250L-4BC
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	GIB-250L-20BC	IBC-250L-20BC
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	GIB-250L-25BC	IBC-250L-25BC
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	GIB-300L-4BC	IBC-300L-4BC
	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	GIB-300L-20BC	IBC-300L-20BC
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	GIB-300L-25BC	IBC-300L-25BC



Appleton® O-Z/GEDNEY

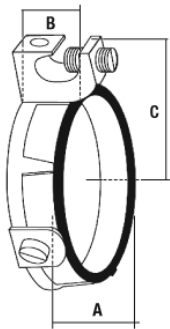
COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

# Insulated Grounding Bushing for Threadless and Threaded RMC IMC

GIB-L-BC and IBC-L-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors Only.

NEC/CEC:  
Listed for Ordinary Locations

Trade Size (Inches)	Wire Size		Dimensions in Millimeters (Inches)			Appleton™ Catalog Number Bronze Lug	O-Z/Gedney™ Catalog Number Bronze Lug
	Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug		
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	GIB-350L-4BC	IBC-350L-4BC
	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	GIB-350L-20BC	IBC-350L-20BC
	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	GIB-350L-25BC	IBC-350L-25BC
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	GIB-400L-4BC	IBC-400L-4BC
	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	GIB-400L-20BC	IBC-400L-20BC
	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	GIB-400L-25BC	IBC-400L-25BC
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	GIB-500L-4BC	IBC-500L-4BC
	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	GIB-500L-20BC	IBC-500L-20BC
	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	GIB-500L-25BC	IBC-500L-25BC
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	GIB-600L-4BC	IBC-600L-4BC
	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	GIB-600L-20BC	IBC-600L-20BC
	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	GIB-600L-25BC	IBC-600L-25BC



Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: BUSHINGS AND LOCKNUTS

# Rigid Conduit and IMC Locknuts

**NEC/CEC:**  
Listed for Ordinary Locations

## Application



- Used to secure an ordinary nut from working loose by locking itself when screwed down tight.

## Material

- Steel or aluminum

## NEC/CEC Certifications and Compliances



- UL Standard: 514B
- UL Listed: E-11853, E-24264
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Diameter	Height			
<b>Locknuts — Steel</b>						
	3/8	23.9 (0.94)	3.3 (0.13)	0.64 (1.40)	<b>BL38</b>	<b>1-38S</b>
	1/2	28.7 (1.13)	3.3 (0.13)	0.59 (1.30)	<b>BL50</b>	<b>1-50S</b>
	3/4	35.1 (1.38)	3.3 (0.13)	1.09 (2.40)	<b>BL75</b>	<b>1-75S</b>
	1	42.9 (1.69)	4.8 (0.19)	1.81 (4.00)	<b>BL100</b>	<b>1-100S</b>
	1-1/4	57.2 (2.25)	4.8 (0.19)	2.49 (5.50)	<b>BL125</b>	<b>1-125S</b>
	1-1/2	60.5 (2.38)	4.8 (0.19)	4.54 (10.00)	<b>BL150</b>	<b>1-150S</b>
	2	73.2 (2.88)	4.8 (0.19)	6.30 (13.90)	<b>BL200</b>	<b>1-200S</b>
	2 - 1/2	90.4 (3.56)	9.7 (0.38)	10.89 (24.00)	<b>BL250</b>	<b>1-250</b>
	3	108.0 (4.25)	9.7 (0.38)	14.51 (32.00)	<b>BL300</b>	<b>1-300</b>
	3 - 1/2	122.2 (4.81)	9.7 (0.38)	21.32 (47.00)	<b>BL350</b>	<b>1-350</b>
	4	138.2 (5.44)	9.7 (0.38)	27.22 (60.00)	<b>BL400</b>	<b>1-400</b>
	5	169.9 (6.69)	12.7 (0.50)	44.45 (98.00)	<b>BL500</b>	<b>1-500</b>
6	201.7 (7.94)	12.7 (0.50)	72.57 (160.00)	<b>BL600</b>	<b>1-600</b>	
<b>PVC Gasketed Sealing Locknuts — Steel — Liquidtight</b>						
	1/2	28.7 (1.13)	6.4 (0.25)	0.64 (1.40)	<b>BLSG50</b>	<b>SLG-50S</b>
	3/4	47.8 (1.88)	6.4 (0.25)	1.18 (2.60)	<b>BLSG75</b>	<b>SLG-75S</b>
	1	44.5 (1.75)	7.1 (0.28)	2.27 (5.00)	<b>BLSG100</b>	<b>SLG-100S</b>
	1-1/4	53.1 (2.09)	7.1 (0.28)	3.08 (6.80)	<b>BLSG125</b>	<b>SLG-125S</b>
	1-1/2	61.2 (2.41)	7.1 (0.28)	5.22 (11.50)	<b>BLSG150</b>	<b>SLG-150S</b>
	2	74.7 (2.94)	7.9 (0.31)	6.67 (14.70)	<b>BLSG200</b>	<b>SLG-200S</b>
	2 - 1/2	88.9 (3.50)	9.7 (0.38)	10.89 (24.00)	<b>BLSG250</b>	<b>SLG-250S</b>
	3	106.4 (4.19)	9.7 (0.38)	14.51 (32.00)	<b>BLSG300</b>	<b>SLG-300S</b>
	3 - 1/2	120.7 (4.75)	11.2 (0.44)	21.32 (47.00)	<b>BLSG350</b>	<b>SLG-350S</b>
	4	135.6 (5.34)	11.2 (0.44)	27.22 (60.00)	<b>BLSG400</b>	<b>SLG-400S</b> ①
	5	168.4 (6.63)	12.7 (0.50)	44.45 (98.00)	<b>BLSG500</b>	—
	6	200.2 (7.88)	14.2 (0.56)	72.57 (160.00)	<b>BLSG600</b>	—

① Not UL or CSA certified

# Rigid Conduit and IMC Locknuts

NEC/CEC:  
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number
		Diameter	Height			
<b>Bonding Locknuts – Steel</b>						
	1/2	35.1 (1.38)	4.8 (0.19)	1.36 (3.00)	<b>GL50</b>	<b>101</b>
	3/4	41.4 (1.63)	4.8 (0.19)	1.36 (3.00)	<b>GL75</b>	<b>102</b>
	1	46.0 (1.81)	6.4 (0.25)	2.27 (5.00)	<b>GL100</b>	<b>103</b>
	1-1/4	58.7 (2.31)	6.4 (0.25)	2.72 (6.00)	<b>GL125</b>	<b>104</b>
	1-1/2	66.8 (2.63)	6.4 (0.25)	3.18 (7.00)	<b>GL150</b>	<b>105</b>
	2	79.5 (3.13)	6.4 (0.25)	5.90 (13.00)	<b>GL200</b>	<b>106</b>
	2 - 1/2	90.4 (3.56)	11.2 (0.44)	8.16 (18.00)	<b>GL250</b>	<b>107</b>
	3	108.0 (4.25)	11.2 (0.44)	16.78 (37.00)	<b>GL300</b>	<b>108</b>
	3 - 1/2	122.2 (4.81)	12.7 (0.50)	20.41 (45.00)	<b>GL350</b>	<b>109</b>
	4	138.2 (5.44)	12.7 (0.50)	22.68 (50.00)	<b>GL400</b>	<b>110</b>
	5	177.8 (7.0)	12.7 (0.5)	78.26 (35.50)	—	<b>112</b> ①
	6	206.5 (8.13)	12.7 (0.5)	103.05 (46.70)	—	<b>113</b> ①
<b>Locknuts – Aluminum</b>						
	1/2	28.7 (1.13)	4.8 (0.19)	0.23 (0.50)	<b>BL50A</b>	<b>1-50A</b>
	3/4	35.1 (1.38)	4.8 (0.19)	0.36 (0.80)	<b>BL75A</b>	<b>1-75A</b>
	1	42.9 (1.69)	4.8 (0.19)	0.73 (1.60)	<b>BL100A</b>	<b>1-100A</b>
	1-1/4	57.2 (2.25)	4.8 (0.19)	1.32 (2.90)	<b>BL125A</b>	<b>1-125A</b>
	1-1/2	60.5 (2.38)	4.8 (0.19)	1.00 (2.20)	<b>BL150A</b>	<b>1-150A</b>
	2	73.2 (2.88)	4.8 (0.19)	2.18 (4.80)	<b>BL200A</b>	<b>1-200A</b>
	2 - 1/2	90.4 (3.56)	9.7 (0.38)	3.40 (7.50)	<b>BL250A</b>	<b>1-250A</b>
	3	108.0 (4.25)	9.7 (0.38)	4.81 (10.60)	<b>BL300A</b>	<b>1-300A</b>
	3 - 1/2	122.2 (4.81)	9.7 (0.38)	6.49 (14.30)	<b>BL350A</b>	<b>1-350A</b>
	4	138.2 (5.44)	9.7 (0.38)	8.44 (18.60)	<b>BL400A</b>	<b>1-400A</b>
	5	12.7 (0.5)	169.93 (6.69)	13.70 (30.20)	—	<b>1-500A</b>
	6	12.7 (0.5)	201.68 (7.94)	40.12 (18.20)	—	<b>1-600A</b>

① Not UL or CSA certified

# NEER™ Zinc Bushings

**NEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## GB: Insulated

### Applications

- Used with a locknut to terminate rigid and IMC conduit to a box or enclosure.
- Provides a smooth pulling surface.

### Features

- Plastic throat liner prevents damage to wire insulation.
- Insuliner rated at 150 °C (302 °F).

### Material/Finish

- Zinc diecast

### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- NEMA: FB-1



GB-100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Wire Range	Catalog Number
	Diameter	Height		
1/2	26.4 (1.40)	10.7 (0.42)	4-14	<b>GB-100</b>
3/4	33.5 (1.32)	12.4 (0.49)	4-14	<b>GB-200</b>
1	38.1 (1.50)	12.7 (0.50)	4-14	<b>GB-300</b>
1-1/4	49.5 (1.95)	17.0 (0.67)	1/0-14	<b>GB-400</b>
1-1/2	54.1 (2.13)	16.5 (0.65)	1/0-14	<b>GB-500</b>
2	68.8 (2.71)	18.5 (0.73)	1/0-14	<b>GB-600</b>
2 - 1/2	86.6 (3.41)	23.6 (0.93)	1/0-14	<b>GB-700</b>
3	104.1 (4.10)	25.4 (1.00)	1/0-14	<b>GB-800</b>
3 - 1/2	108.7 (4.28)	19.1 (0.75)	1/0-14	<b>GB-900</b>
4	128.0 (5.04)	25.4 (1.00)	1/0-14	<b>GB-1000</b>

## PB-D: Insulating

### Applications

- Threaded plastic bushings are used at the end of threaded conduit, or conduit connector, to provide smooth well rounded bearing surface for wires or cables as required by the National Electrical Code.

### Features

- Temperature rating is 105 °C (221 °F).

### Material/Finish

- Gray polypropylene

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E61301
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 229356
- NEMA: FB-1
- UL Flammability Rating: V-2



PB-D

Trade Size (Inches)	Dimensions in Millimeters (Inches)		
	Diameter	Height	Catalog Number
1/2	26.2 (1.03)	9.4 (0.37)	<b>PB-100-D</b>
3/4	32.5 (1.28)	9.9 (0.39)	<b>PB-200-D</b>
1	41.9 (1.65)	12.7 (0.50)	<b>PB-300-D</b>
1-1/4	53.3 (2.10)	12.4 (0.49)	<b>PB-400-D</b>
1-1/2	57.9 (2.28)	12.4 (0.49)	<b>PB-500-D</b>
2	67.6 (2.66)	13.7 (0.54)	<b>PB-600-D</b>
2 - 1/2	84.1 (3.31)	16.0 (0.63)	<b>PB-700-D</b>
3	100.3 (3.95)	17.8 (0.70)	<b>PB-800-D</b>
3 - 1/2	112.0 (4.41)	18.0 (0.71)	<b>PB-900-D</b>
4	125.5 (4.94)	18.5 (0.73)	<b>PB-1000-D</b>
5	162.1 (6.38)	25.4 (1.00)	<b>PB-1100-D</b>
6	190.5 (7.50)	25.1 (0.99)	<b>PB-1200-D</b>

# NEER™ Zinc Grounding Type Insulated Bushings

For Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Used with a locknut to terminate rigid metal conduit or IMC conduit to a box or enclosure.

## Features

- Threaded (NPS) for rigid conduit and IMC.
- Temperature rating 150 °C.
- Low surface friction permits pulling of wires with virtually no abrasion on the cable insulation.
- Set screw provided with each fitting locks bushing in any desired position.
- For use with copper or aluminum grounding conductors.

## Material/Finish

- Body: zinc
- Lug: aluminum/tin plated
- Clamping screw: steel/zinc plated
- Set screws: steel/zinc plated

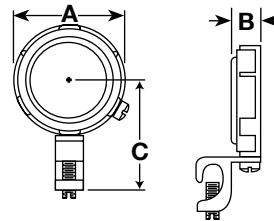
## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GBL

## Illustrated Dimensions



Dimensions in Millimeters (Inches)					
Trade Size (Inches)	A Bushing Diameter	B Bushing Diameter	C Turning Radius w/Lug	Wire Range	Catalog Number
1/2	26.4 (1.04)	12.4 (0.49)	34.5 (1.36)	4-14	GBL-100
3/4	32.5 (1.28)	12.4 (0.49)	37.6 (1.48)	4-14	GBL-200
1	38.9 (1.53)	15.2 (0.60)	39.9 (1.57)	4-14	GBL-300
1-1/4	48.0 (1.89)	15.5 (0.61)	54.4 (2.14)	1/0-14	GBL-400
1-1/2	54.9 (2.16)	15.2 (0.60)	57.4 (2.26)	1/0-14	GBL-500
2	67.6 (2.66)	15.2 (0.60)	63.2 (2.49)	1/0-14	GBL-600
2 - 1/2	82.0 (3.23)	21.1 (0.83)	70.1 (2.76)	1/0-14	GBL-700
3	97.8 (3.85)	21.1 (0.83)	78.0 (3.07)	1/0-14	GBL-800
3 - 1/2	110.5 (4.35)	21.1 (0.83)	84.6 (3.33)	1/0-14	GBL-900
4	123.7 (4.87)	21.1 (0.83)	90.7 (3.57)	1/0-14	GBL-1000



# NEER™ Standard Conduit Locknuts

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

## L-D: Zinc Diecast

### Applications

- For securing threaded conduit or connectors with tapered or straight thread to a knockout or unthreaded slip hole.

### Features

- Single cast thread eliminates cross-threading.
- UL Listed as a fittings locknut and stand alone rigid conduit locknut.
- All locknuts are symmetrical and can be assembled from either side.
- Conical flange on either side enters the knockout creating a 360° ground path.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



L-100-D

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	27.9 (1.10)	4.1 (0.16)	L-100-D
3/4	34.5 (1.36)	4.1 (0.16)	L-200-D
1	42.7 (1.68)	5.1 (0.20)	L-300-D
1 - 1/4	52.1 (2.05)	5.3 (0.21)	L-400-D
1 - 1/2	60.5 (2.38)	5.3 (0.21)	L-500-D
2	73.9 (2.91)	5.3 (0.21)	L-600-D
2 - 1/2	89.4 (3.52)	7.4 (0.29)	L-700-D
3	105.4 (4.15)	7.6 (0.30)	L-800-D
3 - 1/2	118.1 (4.65)	7.1 (0.28)	L-900-D
4	130.0 (5.12)	7.4 (0.29)	L-1000-D

## L: Steel

### Applications

- For securing threaded conduit or connectors with tapered or straight thread to a knockout or unthreaded slip hole.

### Material/Finish

- Steel/zinc plated



L-100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	28.7 (1.13)	3.3 (0.13)	L-100
3/4	35.6 (1.40)	3.3 (0.13)	L-200
1	43.7 (1.72)	3.8 (0.15)	L-300
1-1/4	52.8 (2.08)	3.8 (0.15)	L-400
1-1/2	61.0 (2.40)	4.1 (0.16)	L-500
2	73.7 (2.90)	4.3 (0.17)	L-600
2-1/2	88.4 (3.48)	4.8 (0.19)	L-700
3	104.9 (4.13)	4.6 (0.18)	L-800
3-1/2	119.4 (4.70)	5.1 (0.20)	L-900
4	135.1 (5.32)	5.1 (0.20)	L-1000
5	162.1 (6.38)	10.7 (0.42)	L-1100
6	196.9 (7.75)	10.9 (0.43)	L-1200

# NEER™ Standard Conduit Locknuts

NEC:  
Listed for Ordinary Locations

NEC:  
Listed for Ordinary Locations

## GL: Bonding Wedge

### Applications

- Used with bushings to bond threaded rigid conduit and IMC to boxes, cabinets or other enclosures where locknut is exposed.

### Features

- Threaded for rigid conduit and IMC.

### Material/Finish

- Steel/zinc plated

### NEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- NEMA: FB-1

## LS: Bonded with Neoprene Gasket

### Applications

- Provides a wet location/raintight seal when securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole of a box or enclosure.

### Material/Finish

- Stamped steel/zinc plated

### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- NEMA: FB-1



GL-100



LS-100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	34.3 (1.35)	5.1 (0.20)	GL-100-D
3/4	40.1 (1.58)	5.1 (0.20)	GL-200-D
1	47.8 (1.88)	5.6 (0.22)	GL-300-D
1 - 1/4	58.4 (2.30)	5.8 (0.23)	GL-400-D
1 - 1/2	66.0 (2.60)	5.8 (0.23)	GL-500-D
2	78.5 (3.09)	6.6 (0.26)	GL-600-D
2 - 1/2	89.4 (3.52)	11.4 (0.45)	GL-700-D
3	106.4 (4.19)	11.4 (0.45)	GL-800-D
3 - 1/2	121.7 (4.79)	11.4 (0.45)	GL-900-D
4	134.9 (5.31)	11.4 (0.45)	GL-1000-D

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	28.7 (1.13)	5.8 (0.23)	LS-100
3/4	35.6 (1.40)	6.6 (0.26)	LS-200
1	43.7 (1.72)	6.9 (0.27)	LS-300
1 - 1/4	52.6 (2.07)	7.4 (0.29)	LS-400
1 - 1/2	60.2 (2.37)	7.6 (0.30)	LS-500
2	73.4 (2.89)	8.4 (0.33)	LS-600
2 - 1/2	87.4 (3.44)	8.6 (0.34)	LS-700
3	104.6 (4.12)	9.1 (0.36)	LS-800
3 - 1/2	118.9 (4.68)	10.2 (0.40)	LS-900
4	133.1 (5.24)	10.2 (0.40)	LS-1000

# Type RW Reducing Washers

NEC/CEC:  
Listed for Ordinary Locations

## Features

- To reduce a knockout or sliphole in a sheet metal enclosure to a smaller trade size.

## Standard Materials

- Steel

## Standard Finishes

- Zinc pre-galvanized

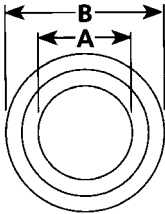
## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 057250
- NEMA: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
3/4 x 1/2	22.35 (0.88)	36.58 (1.44)	RW-2S
1 x 1/2	22.35 (0.88)	44.45 (1.75)	RW-3S
1 x 3/4	28.19 (1.11)	44.45 (1.75)	RW-4S
1-1/4 x 1/2	22.35 (0.88)	55.63 (2.19)	RW-5S
1-1/4 x 3/4	28.19 (1.11)	55.63 (2.19)	RW-6S
1-1/4 x 1	34.80 (1.37)	55.63 (2.19)	RW-7S
1-1/2 x 1/2	22.35 (0.88)	63.50 (2.50)	RW-8S
1-1/2 x 3/4	28.19 (1.11)	63.50 (2.50)	RW-9S
1-1/2 x 1	34.80 (1.37)	63.50 (2.50)	RW-10S
1-1/2 x 1-1/4	43.94 (1.73)	63.50 (2.50)	RW-11S
2 x 1/2	22.35 (0.88)	76.20 (3.00)	RW-12S
2 x 3/4	28.19 (1.11)	76.20 (3.00)	RW-13S
2 x 1	34.80 (1.37)	76.20 (3.00)	RW-14S
2 x 1-1/4	43.94 (1.73)	76.20 (3.00)	RW-15S
2 x 1-1/2	50.29 (1.98)	76.20 (3.00)	RW-16S
2-1/2 x 1/2	22.35 (0.88)	88.90 (3.50)	RW-17S
2-1/2 x 3/4	28.19 (1.11)	88.90 (3.50)	RW-18S
2-1/2 x 1	34.80 (1.37)	88.90 (3.50)	RW-19S
2-1/2 x 1-1/4	43.94 (1.73)	88.90 (3.50)	RW-20S
2-1/2 x 1-1/2	50.29 (1.98)	88.90 (3.50)	RW-21S
2-1/2 x 2	62.23 (2.45)	88.90 (3.50)	RW-22S
3 x 1	34.80 (1.37)	104.90 (4.13)	RW-25S
3 x 1-1/4	43.94 (1.73)	104.90 (4.13)	RW-26S
3 x 1-1/2	50.29 (1.98)	104.90 (4.13)	RW-27S
3 x 2	62.23 (2.45)	104.90 (4.13)	RW-28S
3 x 2-1/2	75.44 (2.97)	104.90 (4.13)	RW-29S
3-1/2 x 1-1/2	50.29 (1.98)	117.60 (4.63)	RW-34S ①
3-1/2 x 2	62.23 (2.45)	117.60 (4.63)	RW-35S ①
3-1/2 x 2-1/2	75.44 (2.97)	117.60 (4.63)	RW-36S ①
3-1/2 x 3	91.19 (3.59)	117.60 (4.63)	RW-37S ①
4 x 2	63.50 (2.50)	130.81 (5.15)	RW-43S ①
4 x 2-1/2	75.44 (2.97)	130.81 (5.15)	RW-44S ①
4 x 3	91.19 (3.59)	130.81 (5.15)	RW-45S ①
4 x 3-1/2	104.90 (4.13)	130.81 (5.15)	RW-46S ①



Type RW



① Not CSA Certified.

# Reducing Washers

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To reduce a knockout or sliphole in a sheet metal enclosure to a smaller trade size.

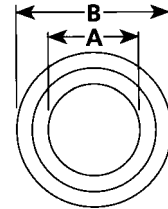
## Material

- Steel

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14817
- NEMA: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	A	B	C		
<b>Reducing Washers — Steel</b>					
3/4 to 1/2	34.0 (1.34)	22.4 (0.88)	—	0.54 (1.20)	<b>RW75-50</b>
1 to 1/2	42.9 (1.69)	22.4 (0.88)	—	1.09 (2.40)	<b>RW100-50</b>
1 to 3/4	42.9 (1.69)	28.2 (1.11)	—	0.91 (2.00)	<b>RW100-75</b>
1-1/4 to 1/2	51.6 (2.03)	22.4 (0.88)	—	2.27 (5.00)	<b>RW125-50</b>
1-1/4 to 3/4	51.6 (2.03)	28.2 (1.11)	—	1.99 (4.40)	<b>RW125-75</b>
1-1/4 to 1	51.6 (2.03)	35.1 (1.38)	—	1.36 (3.00)	<b>RW125-100</b>
1-1/2 to 1/2	57.9 (2.28)	22.4 (0.88)	—	2.99 (6.60)	<b>RW150-50</b>
1-1/2 to 3/4	57.9 (2.28)	28.2 (1.11)	—	2.72 (6.00)	<b>RW150-75</b>
1-1/2 to 1	57.9 (2.28)	35.1 (1.38)	—	2.27 (5.00)	<b>RW150-100</b>
1-1/2 to 1-1/4	57.9 (2.28)	43.9 (1.73)	—	1.81 (4.00)	<b>RW150-125</b>
2 to 1/2	69.9 (2.75)	22.4 (0.88)	—	4.54 (10.00)	<b>RW200-50</b>
2 to 3/4	69.9 (2.75)	28.2 (1.11)	—	3.63 (8.00)	<b>RW200-75</b>
2 to 1	69.9 (2.75)	35.1 (1.38)	—	3.63 (8.00)	<b>RW200-100</b>
2 to 1-1/4	69.9 (2.75)	43.9 (1.73)	—	3.18 (7.00)	<b>RW200-125</b>
2 to 1-1/2	69.9 (2.75)	50.3 (1.98)	—	2.27 (5.00)	<b>RW200-150</b>



# NEER™ Reducing Washers and Bushings

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## RWN: Reducing Washer

### Applications

- Reduce knockout size on sheet metal box, enclosure or cabinet.

### Material/Finish

- Galvanized steel

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E61301
- NEMA: FB-1

Note: Two reducing washers are required for each knockout.



RWN

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Inside Diameter	Outside Diameter	
3/4 x 1/2	22.4 (0.88)	36.6 (1.44)	RWN-503
1 x 1/2	22.4 (0.88)	44.5 (1.75)	RWN-504
1 x 3/4	28.2 (1.11)	44.5 (1.75)	RWN-505
1-1/4 x 1/2	22.4 (0.88)	55.6 (2.19)	RWN-506
1-1/4 x 3/4	28.2 (1.11)	55.6 (2.19)	RWN-507
1-1/4 x 1	34.8 (1.37)	55.6 (2.19)	RWN-508
1-1/2 x 1/2	22.4 (0.88)	63.5 (2.50)	RWN-509
1-1/2 x 3/4	28.2 (1.11)	63.5 (2.50)	RWN-510
1-1/2 x 1	34.8 (1.37)	63.5 (2.50)	RWN-511
1-1/2 x 1-1/4	43.9 (1.73)	63.5 (2.50)	RWN-512
2 x 1/4	22.4 (0.88)	76.2 (3.00)	RWN-513
2 x 3/4	28.2 (1.11)	76.2 (3.00)	RWN-514
2 x 1	34.8 (1.37)	76.2 (3.00)	RWN-515
2 x 1-1/4	43.9 (1.73)	76.2 (3.00)	RWN-516
2 x 1-1/2	50.3 (1.98)	76.2 (3.00)	RWN-517

## RB: Reducing Bushing Flush Type

### Applications

- To reduce the trade size of a tapered entry.

### Features

- Threaded for rigid conduit and IMC.

### Material/Finish

- Steel/zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-163167
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 70872
- NEMA: FB-1



RB

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
3/4 x 1/2	17.0 (0.67)	26.2 (1.03)	RB-2
1 x 1/2	18.0 (0.71)	32.5 (1.28)	RB-3
1 x 3/4	17.8 (0.70)	32.3 (1.27)	RB-4
1-1/4 x 1/2	18.0 (0.71)	41.1 (1.62)	RB-5
1-1/4 x 3/4	20.8 (0.82)	41.1 (1.62)	RB-6
1-1/4 x 1	20.8 (0.82)	41.4 (1.63)	RB-7
1-1/2 x 1/2	21.6 (0.85)	47.5 (1.87)	RB-8
1-1/2 x 3/4	21.6 (0.85)	47.8 (1.88)	RB-9
1-1/2 x 1	22.1 (0.87)	47.5 (1.87)	RB-10
1-1/2 x 1-1/4	21.6 (0.85)	47.5 (1.87)	RB-11
2 x 1/4	24.6 (0.97)	59.2 (2.33)	RB-12
2 x 3/4	24.9 (0.98)	59.4 (2.34)	RB-13
2 x 1	25.4 (1.00)	59.4 (2.34)	RB-14
2 x 1-1/4	24.6 (0.97)	59.4 (2.34)	RB-15
2 x 1-1/2	25.1 (0.99)	59.4 (2.34)	RB-16

# Ground Clamps

Cable Tray

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- Terminates ground wire to cable tray.

## Features

- For aluminum or copper conductors.
- 1/4" hex wrench tightens both tray and conductor set screws.
- Tray-gripping serrations bite through insulating oxide on surface of aluminum tray.
- For 1/2" max. straight tray rail, or 1/4" 90° tray rail.
- Conductor size #6 to 250 MCM

## Standard Materials

- Clamp - extruded aluminum
- Screws - steel

## Standard Finishes

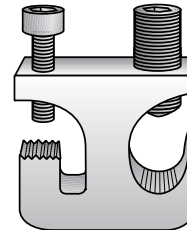
- Clamp - tin plated
- Screws - zinc electroplated

## Options

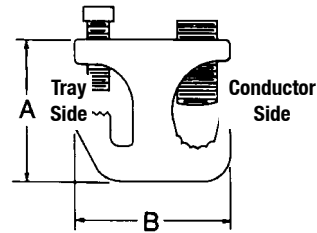
Stainless steel screws are available - add suffix **SS**

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 009795
- For copper conductors only



Type CTGC



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)			Catalog Number
Min.	Max.	A	B		
6	250	50.8 (2.00)	44.5 (1.75)	<b>CTGC-6-25A</b>	

# Ground Clamps

Commodity Grade

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To ground a conductor to a driven ground rod.

## Features

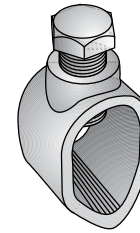
- High strength cast bronze.
- Suitable for direct burial and wet locations.

## Standard Materials

- Cast bronze

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 057250
- NEMA: FB-1



Type GRC

Ground Rod Size Inches	Screw Thread Size (UNC-2A)	Conductor Range AWG		Dimensions in Millimeters (Inches)			Catalog Number
		Min.	Max.	Max. Height	Max. Width Across Open End	Side Length	
1/2	3/8 - 16	10	2	45.97 (1.81)	20.57 (0.81)	23.88 (0.94)	GRC-50-02B
5/8	3/8 - 16	10	2	47.75 (1.88)	23.88 (0.94)	16.00 (0.63)	GRC-62-02B
5/8	3/8 - 16	8	1/0	49.28 (1.94)	22.35 (0.88)	25.40 (1.00)	GRC-62-10B
3/4	3/8 - 16	8	1/0	55.63 (2.19)	26.92 (1.06)	28.70 (1.13)	GRC-75-10B

# Ground Clamps

Universal Ground Clamp System

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- For connecting grounding conductors to cold water ground pipe in sizes 1-1/4" through 12".

## Features

- Standard built-in ground wire connector for #8 Sol. through #2 Str. AWG wire.
- Cast Bronze clamps are suitable for direct burial and wet locations.

## Standard Materials

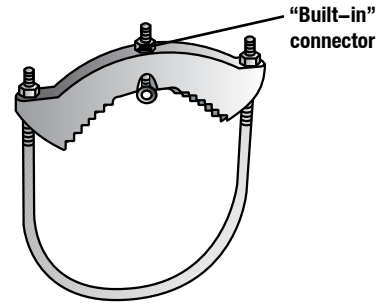
- Catalog Numbers with suffix "G" - malleable iron
- Catalog Numbers with suffix "B" - bolts and nuts - steel
- Catalog Numbers with suffix "B" - cast bronze

## Standard Finishes

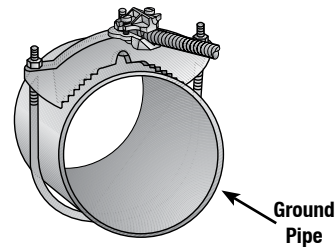
- Catalog Numbers with suffix "G" - Hot dip galvanized
- Catalog Numbers with suffix "B" - bolts and nuts - silicon bronze

## NEC/CEC Certifications and Compliances

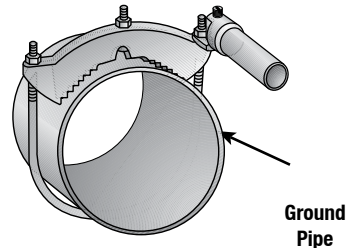
- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E



Type G



Type G with Type GWA  
Armor Ground Wire Connector



Type G with Type GH  
Ground Hub

Nominal Size	Dimensions in Millimeters (Inches)						Malleable Iron Catalog Number	Cast Bronze Catalog Number
	Ground Pipe Size Dimensions in Millimeters (Inches) O.D. Range		Thk.	Width	Height Max.	U-Bolt		
	Min.	Max.						
1-1/4—1-1/2—2	42.2 (1.66)	60.5 (2.38)	22.4 (0.88)	92.2 (3.63)	117.6 (4.63)	7.9 (0.31)	G-200G	G-200B
2-1/2—3—3-1/2	73.2 (2.88)	101.6 (4.00)	22.4 (0.88)	133.4 (5.25)	163.6 (6.44)	7.9 (0.31)	G-350G	G-350B
4—4 1/2—5	114.3 (4.50)	141.2 (5.56)	22.4 (0.88)	173.0 (6.81)	203.2 (8.00)	7.9 (0.31)	G-500G	G-500B
6	152.4 (6.00)	180.3 (7.10)	22.4 (0.88)	212.9 (8.38)	242.8 (9.56)	7.9 (0.31)	G-600G	G-600B
8	203.2 (8.00)	236.2 (9.30)	22.4 (0.88)	270.0 (10.63)	300.0 (11.81)	7.9 (0.31)	G-800G	G-800B
10	254.0 (10.00)	289.6 (11.40)	22.4 (0.88)	323.9 (12.75)	354.1 (13.94)	7.9 (0.31)	G-1000G	G-1000B
12	304.8 (12.00)	342.9 (13.50)	22.4 (0.88)	376.2 (14.81)	406.4 (16.00)	7.9 (0.31)	G-1200G	G-1200B



# Ground Clamps

Universal Ground Clamp System

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

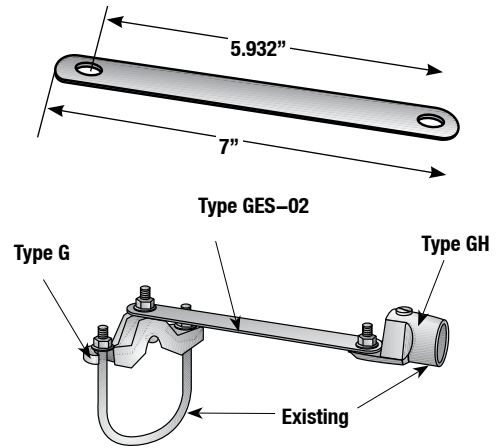
- To provide flexible connection between ground hub and universal clamp.

## Standard Materials

- Copper

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- Fed. Spec: W-F-406E



Type GES-02 between Hub and Ground Clamp

Dimensions in Millimeters (Inches)						
Number of Straps (Required)	Mounting Centers	Width.	Strap Holes	Thickness	Max. Ground Wire Size	Catalog Number
1	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	2 AWG/kcmil	GES-02
2	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	2/0 AWG/kcmil	
3	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	3/0 AWG/kcmil	
4	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	250 AWG/kcmil	

# Ground Clamps

Universal Ground Clamp Accessories

**NEC:**  
Listed for Ordinary Locations

## Applications

- For use with the universal ground clamps to connect grounding conductors run bare, in armor, or in conduit. Fits all basic ground clamp systems.

## Standard Materials

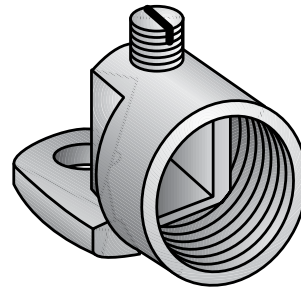
- Type GH-G - Malleable Iron, steel screws
- Type GH-B - cast bronze, brass screws

## Standard Finishes

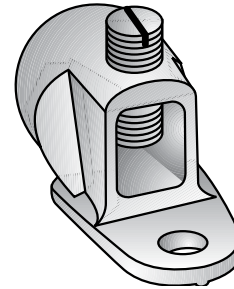
- Type GH-G - hot dip galvanized, steel screws - zinc electroplated

## NEC Certifications and Compliances

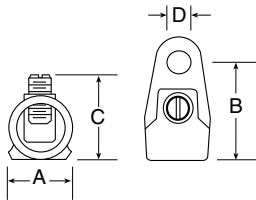
- UL Standard: 514A
- UL Listed: E-24264
- Fed. Spec: W-F-406E



**Type GH-G**  
Malleable Iron – Hot Dip Galvanized



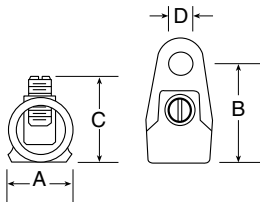
**Type GH-B**  
Cast Bronze



**Type GH**

Trade Size (Inches)	Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Malleable Iron Catalog Number	Cast Bronze Catalog Number
	Min.	Max.	A	B	Max. C	D		

### GROUND HUBS



1/2	8	2	25.4 (1.00)	38.1 (1.50)	35.1 (1.38)	9.7 (0.38)	<b>GH-50G</b>	<b>GH-50B</b>
3/4	4	2/0	31.8 (1.25)	47.8 (1.88)	42.9 (1.69)	9.7 (0.38)	<b>GH-75G</b>	<b>GH-75B</b>
1	1	250	38.1 (1.50)	54.1 (2.13)	55.6 (2.19)	9.7 (0.38)	<b>GH-100G</b>	<b>GH-100B</b>
1-1/4	4/0	500	47.8 (1.88)	63.5 (2.50)	68.3 (2.69)	9.7 (0.38)	<b>GH-125G</b>	<b>GH-125B</b>

# Ground Clamps

Commodity Grade

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To ground a conductor to metallic pipe, tubing or ground rod.

## Features

- High strength cast copper alloy.
- Screws electroplated to resist corrosion.
- GC: Bare wire clamp from #10 solid to #3 stranded AWG.
- GCA: Armored cable or rigid conduit clamp from #8 solid to #4 stranded AWG.
- GCH: Rigid conduit clamp from #10 solid #4 stranded AWG.
- GCA and GC-100-02B are reversible for attachment to ground rods.

## Standard Materials

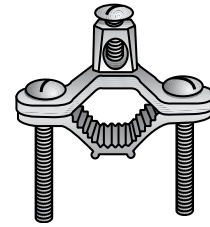
- Casting - copper alloy
- Screws - steel

## Standard Finishes

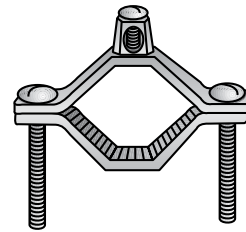
- Copper alloy - natural finish
- Screws - zinc electroplated

## NEC/CEC Certifications and Compliances

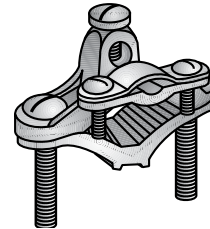
- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 057250
- Fed. Spec: W-F-406E
- Nema: FB-1



Type GC-100-02B



Type GC-200-02B



Type GCA-100-04B

Ground Pipe Size Inches	Conductor Range AWG		Dimensions in Millimeters (Inches)				Catalog Number
	Min.	Max.	Height	Width	Clamp Width		
1/2 - 1	10	2	63.5 (2.50)	58.7 (2.31)	17.5 (0.69)	GC-100-02B	
1-1/4 - 2	10	2	87.4 (3.44)	92.2 (3.63)	20.6 (0.81)	GC-200-02B	
1/2 - 1	8	4	63.5 (2.50)	60.5 (2.38)	17.5 (0.69)	GCA-100-04B	

# Ground Connectors

All Copper Alloy — Specification Grade

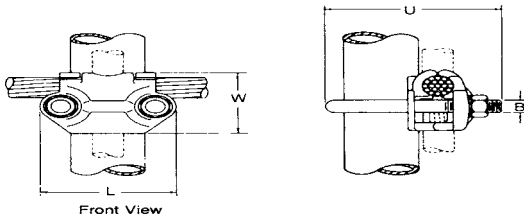
**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- For cable connection parallel or at right angles to pipe or rod.

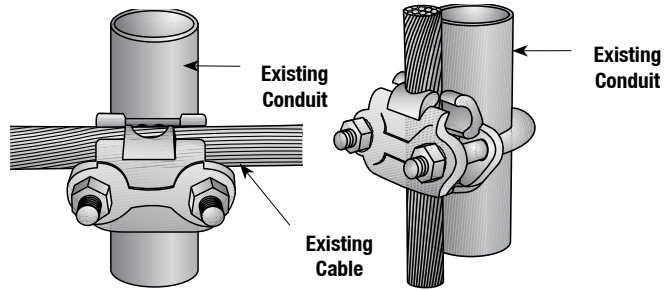
## Features

- A high strength corrosion-resistant copper alloy ground connector connecting a ground wire either parallel or at right angles to a ground rod or pipe.
- A positive ground is assured by the clamping pressure that can be applied by the high strength silicon bronze U-bolt, nuts and lock washers.
- Type ABG connectors are suitable for direct burial.
- For ground pipe larger than 1 1/2" use Type CG Ground Connector.



## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Nema: FB-1



Type ABG at Right Angles

Type ABG Parallel

Driven (In.)		Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Ground Rod Size	Ground Pipe Size	Min.	Max.	L	W	U	B	
5/8 or 3/4	3/8	8	4	50.8 (2.00)	33.3 (1.31)	54.1 (2.13)	9.7 (0.38)	<b>ABG-0304</b>
5/8 or 3/4	3/8	4	2/0	50.8 (2.00)	38.1 (1.50)	60.5 (2.38)	9.7 (0.38)	<b>ABG-0322</b>
5/8 or 3/4	3/8	2/0	250	50.8 (2.00)	47.8 (1.88)	66.8 (2.63)	9.7 (0.38)	<b>ABG-0325</b>
1	1/2 or 3/4	2/0	250	57.2 (2.25)	47.8 (1.88)	76.2 (3.00)	9.7 (0.38)	<b>ABG-0725</b>
-	1	8	4	65.0 (2.56)	33.3 (1.31)	69.9 (2.75)	9.7 (0.38)	<b>ABG-1104</b>
-	1	2/0	250	65.0 (2.56)	47.8 (1.88)	85.9 (3.38)	9.7 (0.38)	<b>ABG-1125</b>
-	1-1/2	2/0	250	79.5 (3.13)	47.8 (1.88)	95.3 (3.75)	9.7 (0.38)	<b>ABG-1525</b>

# Ground Connectors

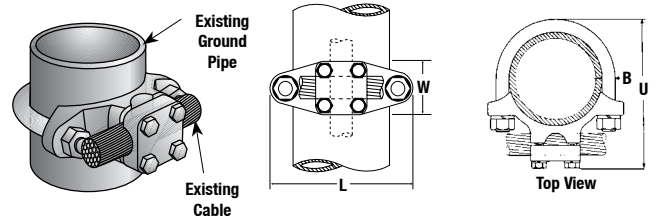
All Copper Alloy — Specification Grade

NEC/CEC:

Listed for Ordinary Locations

## Applications

- For cable connection either parallel or at right angle to pipe.
- A high strength corrosion-resistant copper alloy ground connector having a reversible contact plate which permits the ground wire to be connected either at right angles or parallel to a ground pipe.
- The fitting is designed so that the saddle can be installed before the ground connection is made.
- High strength silicon bronze hardware permits high clamping pressures to be applied.
- For ground pipe smaller than 2" use Type ABG.
- Type CG connectors are suitable for direct burial and wet locations.



Type CG

## NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 057250
- Fed. Spec: W-F-406E

Ground Pipe Size (Inches)		Conductor Range AWG/kcmil		Type CG Dimensions in Millimeters (Inches)				Catalog Number
	Min.	Max.	L	W	U	B		
2	8	4	92.20 (3.63)	22.35 (0.88)	95.25 (3.75)	9.65 (0.38)	CG-2004	
2	4	2/0	92.20 (3.63)	30.23 (1.19)	101.60 (4.00)	9.65 (0.38)	CG-2022	
2	2/0	250	92.20 (3.63)	36.58 (1.44)	104.90 (4.13)	9.65 (0.38)	CG-2025	
2	300	500	98.55 (3.88)	47.75 (1.88)	114.30 (4.50)	11.18 (0.44)	CG-2050	
2-1/2	8	4	104.90 (4.13)	22.35 (0.88)	107.95 (4.25)	9.65 (0.38)	CG-2604	
2-1/2	4	2/0	104.90 (4.13)	30.23 (1.19)	114.30 (4.50)	9.65 (0.38)	CG-2622	
2-1/2	2/0	250	104.90 (4.13)	36.58 (1.44)	120.65 (4.75)	9.65 (0.38)	CG-2625	
2-1/2	300	500	111.25 (4.38)	47.75 (1.88)	127.00 (5.00)	11.18 (0.44)	CG-2650	
3	8	4	120.65 (4.75)	22.35 (0.88)	122.17 (4.81)	9.65 (0.38)	CG-3104	
3	4	2/0	120.65 (4.75)	30.23 (1.19)	130.30 (5.13)	9.65 (0.38)	CG-3122	
3	2/0	250	120.65 (4.75)	36.58 (1.44)	136.65 (5.38)	9.65 (0.38)	CG-3125	
3	300	500	133.35 (5.25)	47.75 (1.88)	146.05 (5.75)	12.70 (0.50)	CG-3150	
3	550	750	—	—	—	—	CG-3175	
3-1/2	8	4	133.35 (5.25)	22.35 (0.88)	133.35 (5.25)	9.65 (0.38)	CG-3604	
3-1/2	4	2/0	133.35 (5.25)	30.23 (1.19)	143.00 (5.63)	9.65 (0.38)	CG-3622	
3-1/2	2/0	250	133.35 (5.25)	36.58 (1.44)	149.35 (5.88)	9.65 (0.38)	CG-3625	
3-1/2	300	500	146.05 (5.75)	47.75 (1.88)	155.70 (6.13)	12.70 (0.50)	CG-3650	
3-1/2	550	750	—	—	—	—	CG-3675	
4	8	4	146.05 (5.75)	22.35 (0.88)	146.05 (5.75)	9.65 (0.38)	CG-4104	
4	4	2/0	146.05 (5.75)	30.23 (1.19)	155.70 (6.13)	9.65 (0.38)	CG-4122	
4	2/0	250	146.05 (5.75)	36.58 (1.44)	155.70 (6.13)	9.65 (0.38)	CG-4125	
4	300	500	158.75 (6.25)	47.75 (1.88)	168.40 (6.63)	12.70 (0.50)	CG-4150	
4	550	750	—	—	—	—	CG-4175	
5	4	2/0	174.75 (6.88)	30.23 (1.19)	181.10 (7.13)	9.65 (0.38)	CG-5122	
5	2/0	250	174.75 (6.88)	36.58 (1.44)	187.45 (7.38)	9.65 (0.38)	CG-5125	
5	300	500	184.15 (7.25)	47.75 (1.88)	196.85 (7.75)	12.70 (0.50)	CG-5150	
5	550	750	—	—	—	—	CG-5175	
6	4	2/0	203.20 (8.00)	30.23 (1.19)	209.55 (8.25)	9.65 (0.38)	CG-6122	
6	2/0	250	203.20 (8.00)	36.58 (1.44)	215.90 (8.50)	9.65 (0.38)	CG-6125	
6	300	500	212.85 (8.38)	47.75 (1.88)	225.55 (8.88)	12.70 (0.50)	CG-6150	
6	550	750	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	CG-6175	
6	800	1000	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	CG-6192	
8	2/0	250	254.00 (10.00)	36.58 (1.44)	266.70 (10.50)	9.65 (0.38)	CG-8125	
8	300	500	263.65 (10.38)	47.75 (1.88)	276.35 (10.88)	12.70 (0.50)	CG-8150	
8	550	750	—	—	—	—	CG-8175	
8	800	1000	—	—	—	—	CG-8192	

# Ground Connectors

All Copper Alloy — Specification Grade

**CEC:**  
Listed for Ordinary Locations

## Applications

- This ground connector is used for grounding “H” column fence posts. Its design eliminates the need for drilling the post.
- To attach, loosen the nut sufficiently to allow the end of the “J” bolt to slip over the flange, assemble the cable into the fitting and then tighten.

## Standard Materials

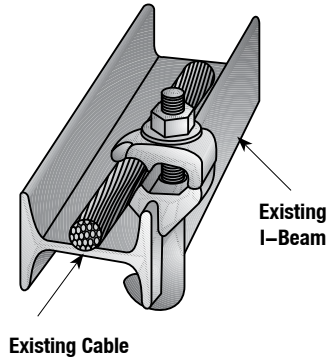
- Current carrying parts - cast copper alloy

## Standard Finishes

- “J” bolt, nut and washer - hot dip galvanized steel

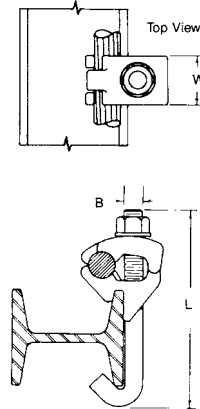
## CEC Certifications and Compliances

- CSA Standard : C22.2 No. 41
- CSA Certified: 015978



Type TG

## Illustrated Dimensions



Conductor Range		"H" Column Fence Post		Dimensions in Millimeters (Inches)			Catalog Number
Min. Solid	Max. Str.	Min.	Max.	L	W	B	
4	4/0	1.31	1.95	104.9 (4.13)	25.4 (1.00)	9.65 (0.38)	TG-24

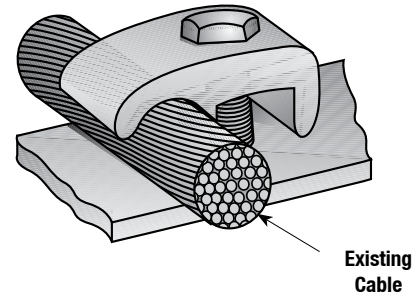
# Ground Connectors

All Copper Alloy — Specification Grade

**NEC/CEC:**  
Rated for Ordinary Locations

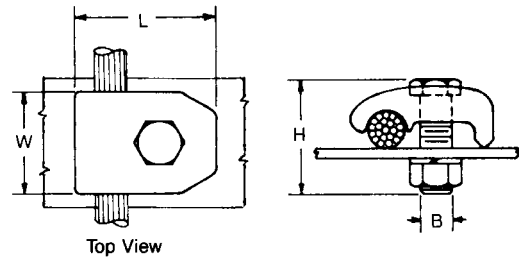
## Applications

- An economical ground connector for connecting a ground wire to any flat surface.
- Copper alloy body and silicon bronze bolt, nut and lock washer combine strength and corrosion-resistance to insure a positive ground connection.
- HEX-CUP construction of the fitting simplifies installation by requiring only a single wrench for tightening.



**Type KGM**  
One-Piece Design

## Illustrated Dimensions



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max.	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	<b>KGM-04</b>
4	2/0	41.4 (1.63)	31.8 (1.25)	41.4 (1.63)	9.7 (0.38)	<b>KGM-22</b>
2/0	250	50.8 (2.00)	35.1 (1.38)	46.0 (1.81)	11.2 (0.44)	<b>KGM-25</b>
300	500	60.5 (2.38)	38.1 (1.50)	58.7 (2.31)	12.7 (0.50)	<b>KGM-50</b>
550	750	73.2 (2.88)	44.5 (1.75)	66.8 (2.63)	16.0 (0.63)	<b>KGM-75</b>
800	1000	85.9 (3.38)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	<b>KGM-92</b>

# Ground Connectors

All Copper Alloy — Specification Grade

**NEC/CEC:**  
Listed for Ordinary Locations

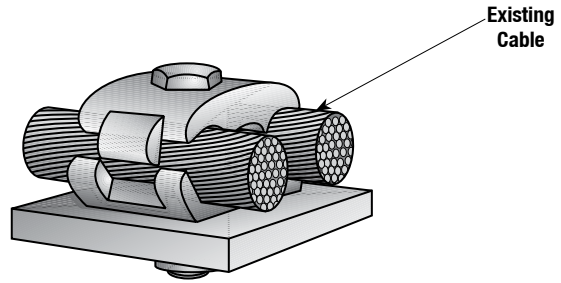
## Applications

- For connecting two parallel cables of the same or varying sizes to any flat surface.
- Installation of connectors is simplified by HEX-CUP construction.
- Cables are gripped by the interlocking clamp, used throughout the line of ground devices.
- Copper alloy body and silicon bronze bolts, nuts and lock washers make a completely corrosion resistant fitting and permit high pressure to be applied - insuring a positive ground connection.

## NEC/CEC Certifications and Compliances

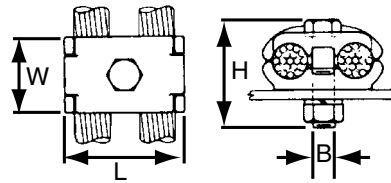
- UL Standard: 467
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Suitable for direct burial

*NOTE: Bolts furnished will fasten connector to plate 1/4" thick. Longer bolts will be furnished when necessary if plate thickness is specified. Contact your local representative.*



Type LG  
One Bolt

## Illustrated Dimensions



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max.	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	LG-04
4	2/0	44.5 (1.75)	31.8 (1.25)	44.5 (1.75)	9.7 (0.38)	LG-22
2/0	250	54.1 (2.13)	38.1 (1.50)	52.3 (2.06)	11.2 (0.44)	LG-25
300	500	73.2 (2.88)	44.5 (1.75)	65.0 (2.56)	12.7 (0.50)	LG-50
550	750	88.9 (3.50)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	LG-75
800	1000	98.6 (3.88)	57.2 (2.25)	79.5 (3.13)	16.0 (0.63)	LG-92



# XTP and XTPC Solderless Combination T and Parallel Taps

**NEC:**  
Listed for Ordinary Locations

## Applications

- XTP - A combination connector for use as either a "T" or Parallel Tap, designed to take a wide range of wire sizes on main or tap.
- One piece construction eliminates detachable parts and permits easy assembly.

## Features

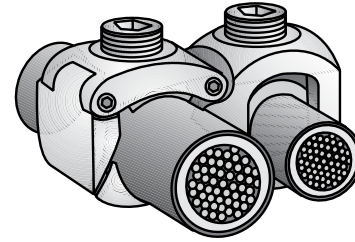
- Each fitting takes a range of cable sizes.
- Equipped with brass screws and brass or bronze pressure plates. Wide brass compression set screws, with rounded ends, covering the full width of the conductor cavity are used.
- Castings are of high conductivity copper alloy and are so designed, that high clamping pressure can be exerted, and maximum surface contact is provided with the wires throughout the specified range.

## Standard Materials

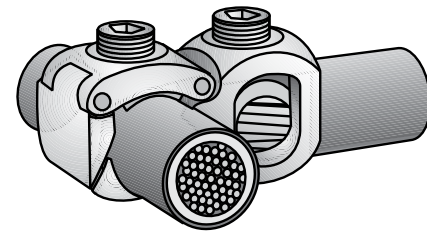
- XTP - High conductivity copper alloy body - Brass socket set screws with brass or copper alloy pressure plates
- XTPC - Canvas bakelite phenolic with stainless steel spring clips. No taping is required

## NEC Certifications and Compliances

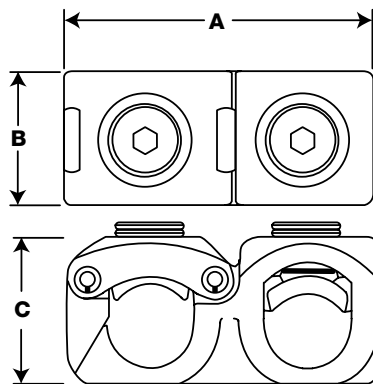
- UL Standard: 486A
- UL Listed: E-7512
- Fed. Spec: W-S-610



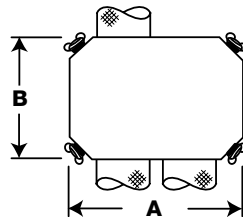
Type XTP as a Parallel Tap



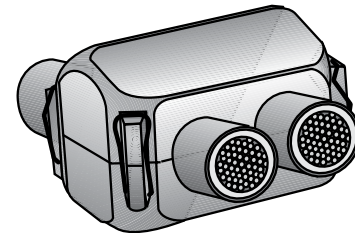
Type XTP as a "T" Tap



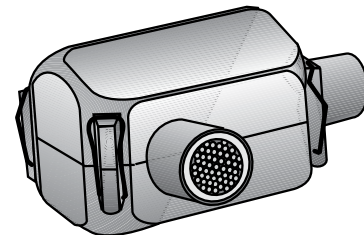
Type XTP Connector



Type XTPC Cover



Type XTPC Cover as a Parallel Tap



Type XTPC Cover as a "T" Tap

## TO ORDER COVER SPECIFY:

- Catalog number.
- Outside diameter of cables.
- If covers are for "T" or parallel connection.

# XTP and XTPC Solderless Combination T and Parallel Taps

COMMERCIAL AND INDUSTRIAL FITTINGS: GROUNDING FITTINGS AND SOLDERLESS CONNECTORS

NEC:  
Listed for Ordinary Locations

Conductor Range AWG/kcmil		Hex Wrench Size	Type XTP Dimensions in Millimeters (Inches)			Catalog Number
Main	Tap		A	B	C	
4 to 1/0	8 to 4 4 to 1/0	① ①	47.75 (1.88) 41.40 (1.63)	22.35 (0.88) 22.35 (0.88)	22.35 (0.88) 22.35 (0.88)	XTP-2104 XTP-2121
1/0 to 4/0	8 to 4	6.35 (0.25)	54.10 (2.13)	28.70 (1.13)	31.75 (1.25)	XTP-2404
	4 to 1/0	6.35 (0.25)	54.10 (2.13)	28.70 (1.13)	31.75 (1.25)	XTP-2421
	1/0 to 4/0	6.35 (0.25)	60.45 (2.38)	28.70 (1.13)	31.75 (1.25)	XTP-2424
4/0 to 300	8 to 4	6.35 (0.25)	57.15 (2.25)	28.70 (1.13)	35.05 (1.38)	XTP-3004
	4 to 1/0	6.35 (0.25)	57.15 (2.25)	28.70 (1.13)	35.05 (1.38)	XTP-3021
	1/ t 4/0	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	35.05 (1.38)	XTP-3024
	4/0 to 300	7.87 (0.31)	66.80 (2.63)	31.75 (1.25)	35.05 (1.38)	XTP-3030
300 to 500	8 to 4	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	41.40 (1.63)	XTP-5004
	4 to 1/0	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	41.40 (1.63)	XTP-5021
	1/0 to 4/0	7.87 (0.31)	69.85 (2.75)	28.70 (1.13)	41.40 (1.63)	XTP-5024
300 to 500	4/0 to 300	7.87 (0.31)	73.15 (2.88)	35.05 (1.38)	41.40 (1.63)	XTP-5030
	300 to 500	9.65 (0.38)	79.50 (3.13)	35.05 (1.38)	41.40 (1.63)	XTP-5050
500 to 750	4 to 1/0	6.35 (0.25)	73.15 (2.88)	28.70 (1.13)	47.75 (1.88)	XTP-7521
	1/0 to 4/0	7.87 (0.31)	79.50 (3.13)	28.70 (1.13)	47.75 (1.88)	XTP-7524
	4/0 to 300	7.87 (0.31)	82.55 (3.25)	41.40 (1.63)	47.75 (1.88)	XTP-7530
500 to 750	300 to 500	9.65 (0.38)	88.90 (3.50)	41.40 (1.63)	47.75 (1.88)	XTP-7550
	500 to 750	9.65 (0.38)	95.25 (3.75)	41.40 (1.63)	47.75 (1.88)	XTP-7575
750 to 1000	4 to 1/0	6.35 (0.25)	79.50 (3.13)	28.70 (1.13)	57.15 (2.25)	XTP-9221
	4/0 to 300	7.87 (0.31)	88.90 (3.50)	35.05 (1.38)	57.15 (2.25)	XTP-9230
750 to 1000	300 to 500	9.65 (0.38)	92.20 (3.63)	35.05 (1.38)	57.15 (2.25)	XTP-9250
	750 to 1000	9.65 (0.38)	123.95 (4.88)	50.80 (2.00)	57.15 (2.25)	XTP-9292

Conductor Range AWG/kcmil		A	Type XTPC Dimensions in Millimeters (Inches)			Catalog Number
Main	Tap		B	C		
4 to 1/0	8 to 4 4 to 1/0	66.80 (2.63) 66.80 (2.63)	44.45 (1.75) 44.45 (1.75)	44.45 (1.75) 44.45 (1.75)	XTPC-2104 XTPC-2121	
1/0 to 4/0	8 to 4	73.15 (2.88)	50.80 (2.00)	50.80 (2.00)	XTPC-2404	
	4 to 1/0	73.15 (2.88)	50.80 (2.00)	50.80 (2.00)	XTPC-2421	
	1/0 to 4/0	73.15 (2.88)	50.80 (2.00)	50.80 (2.00)	XTPC-2424	
4/0 to 300	8 to 4	82.55 (3.25)	54.10 (2.13)	57.15 (2.25)	XTPC-3004	
	4 to 1/0	82.55 (3.25)	54.10 (2.13)	57.15 (2.25)	XTPC-3021	
	1/ 0 to 4/0	82.55 (3.25)	54.10 (2.13)	57.15 (2.25)	XTPC-3024	
	4/0 to 300	82.55 (3.25)	54.10 (2.13)	57.15 (2.25)	XTPC-3030	
300 to 500	8 to 4	101.60 (4.00)	63.50 (2.50)	69.85 (2.75)	XTPC-5004	
	4 to 1/0	101.60 (4.00)	63.50 (2.50)	69.85 (2.75)	XTPC-5021	
	1/0 to 4/0	101.60 (4.00)	63.50 (2.50)	69.85 (2.75)	XTPC-5024	
300 to 500	4/0 to 300	101.60 (4.00)	63.50 (2.50)	69.85 (2.75)	XTPC-5030	
	300 to 500	101.60 (4.00)	63.50 (2.50)	69.85 (2.75)	XTPC-5050	
500 to 750	4 to 1/0	117.60 (4.63)	69.85 (2.75)	73.15 (2.88)	XTPC-7521	
	1/0 to 4/0	117.60 (4.63)	69.85 (2.75)	73.15 (2.88)	XTPC-7524	
	4/0 to 300	117.60 (4.63)	69.85 (2.75)	73.15 (2.88)	XTPC-7530	
500 to 750	300 to 500	117.60 (4.63)	69.85 (2.75)	73.15 (2.88)	XTPC-7550	
	500 to 750	117.60 (4.63)	69.85 (2.75)	73.15 (2.88)	XTPC-7575	

① Slotted Set Screws furnished for this size.

# Type XLH Solderless Connectors Combination Type Lugs

**NEC:**  
Listed for Ordinary Locations

## Features

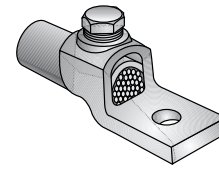
- Each fitting takes a range of cable sizes.
- Type XL and XLH are identical except that the type XL has a socket set screw, while the type XLH has a hex head screw. Both types are equipped with brass screws and brass or bronze pressure plates on XL011 and XLH011 and larger. Wide brass compression set screws, with rounded ends, covering the full width of the conductor cavity are used on the XL041.
- Castings are of high conductivity copper alloy and are so designed, that high clamping pressure can be exerted, and maximum surface contact is provided with the wires throughout the specified range.

## Standard Materials

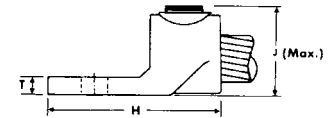
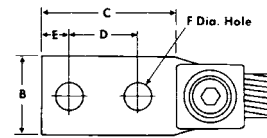
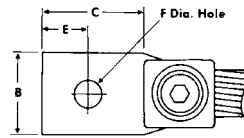
- Cast copper alloy body and brass screws

## NEC Certifications and Compliances

- UL Standard: 486A
- UL Listed: E-7512
- Fed. Spec: W-S-610



Type XLH



Conductor Range AWG/kcmil			Dimensions in Millimeters (Inches)								Hex Wrench Size	Catalog Number
Min.	Max.	No. of Holes	B	C	D	E	F	H	J	T		
4	1	1	16.00 (0.63)	19.05 (0.75)		9.65 (0.38)	7.11 (0.28)	39.62 (1.56)	31.75 (1.25)	5.59 (0.22)	⓪	XLH011
4	1	2	16.00 (0.63)	36.58 (1.44)	19.05 (0.75)	7.87 (0.31)	7.11 (0.28)	57.15 (2.25)	31.75 (1.25)	5.59 (0.22)	⓪	XLH012
1	2/0	1	20.57 (0.81)	23.88 (0.94)		11.18 (0.44)	10.41 (0.41)	47.75 (1.88)	35.05 (1.38)	6.35 (0.25)	6.35 (0.25)	XLH221
1	2/0	2	20.57 (0.81)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	73.15 (2.88)	35.05 (1.38)	6.35 (0.25)	6.35 (0.25)	XLH222
2/0	4/0	1	25.40 (1.00)	20.57 (0.81)		14.22 (0.56)	10.41 (0.41)	57.15 (2.25)	41.40 (1.63)	7.11 (0.28)	7.87 (0.31)	XLH241
2/0	4/0	2	25.40 (1.00)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	76.20 (3.00)	41.4 (1.63)	7.11 (0.28)	7.87 (0.31)	XLH242
4/0	300	1	31.75 (1.25)	36.58 (1.44)		17.53 (0.69)	13.46 (0.53)	66.80 (2.63)	44.45 (1.75)	7.11 (0.28)	7.87 (0.31)	XLH301
4/0	300	2	31.75 (1.25)	50.80 (2.00)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	81.03 (3.19)	44.45 (1.75)	7.11 (0.28)	7.87 (0.31)	XLH302
300	500	1	35.05 (1.38)	41.40 (1.63)		20.57 (0.81)	13.46 (0.53)	76.20 (3.00)	52.32 (2.06)	9.65 (0.38)	9.65 (0.38)	XLH501
300	500	2	35.05 (1.38)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	84.07 (3.31)	52.32 (2.06)	9.65 (0.38)	9.65 (0.38)	XLH502
500	750	1	44.45 (1.75)	50.80 (2.00)		25.40 (1.00)	13.46 (0.53)	93.73 (3.69)	63.50 (2.50)	10.41 (0.41)	9.65 (0.38)	XLH751
500	750	2	44.45 (1.75)	71.37 (2.81)	38.10 (1.50)	16.00 (0.63)	13.46 (0.53)	114.30 (4.50)	63.50 (2.50)	10.41 (0.41)	9.65 (0.38)	XLH752
750	1000	1	50.80 (2.00)	57.15 (2.25)		28.70 (1.13)	16.76 (0.66)	107.95 (4.25)	68.33 (2.69)	11.18 (0.44)	9.65 (0.38)	XLH921
750	1000	2	50.80 (2.00)	69.85 (2.75)	38.10 (1.50)	16.00 (0.63)	13.46 (0.53)	120.65 (4.75)	68.33 (2.69)	11.18 (0.44)	9.65 (0.38)	XLH922

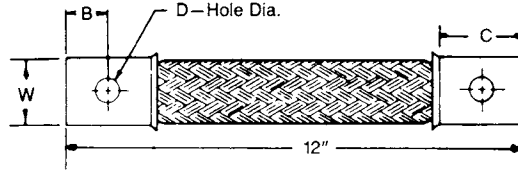
⓪ Slotted Set Screw furnished for this size.

# Type FB Solderless Flexible Braid Connectors

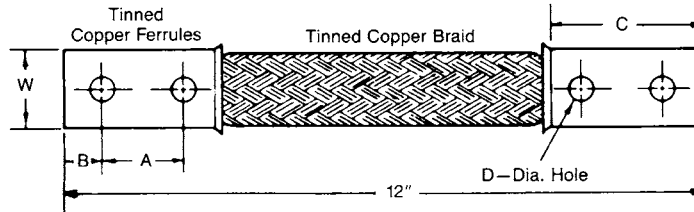
NEC/CEC:  
Rated for Ordinary Locations

**Standard Material:**

- Tinned Copper



Type FB-50-03-1 — Type FB-150-05-2



Type FB-200-07-01 — Type FB-1500-20-3

Ratings In Amps	Holes in Ferrule	Braids in Ferrule	W Width	Thick. of Ferrule	Dimensions in Millimeters (Inches)				Catalog Number
					A	B	C	D	
50	1	1	9.65 (0.38)	1.52 (0.06)	—	7.87 (0.31)	16 (0.63)	5.08 (0.20)	FB-50-03-1
100	1	1	12.70 (0.50)	2.29 (0.09)	—	9.65 (0.38)	19.05 (0.75)	6.86 (0.27)	FB-100-05-1
150	1	2	12.70 (0.50)	3.30 (0.13)	—	9.65 (0.38)	19.05 (0.75)	6.86 (0.27)	FB-150-05-2
200	2	1	19.05 (0.75)	3.30 (0.13)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	9.65 (0.38)	FB-200-07-1
250	2	1	22.35 (0.88)	4.06 (0.16)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	9.65 (0.38)	FB-250-08-1
300	2	1	25.40 (1.00)	4.83 (0.19)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-300-10-1
300	2	1	38.10 (1.50)	4.06 (0.16)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-300-15-1
300	2	1	50.80 (2.00)	4.83 (0.19)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-300-20-1
400	2	2	25.40 (1.00)	6.35 (0.25)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-400-10-2
400	2	2	38.10 (1.50)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-400-15-2
400	2	1	50.80 (2.00)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-400-20-1
500	2	1	38.10 (1.50)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-500-15-1
500	2	1	50.80 (2.00)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-500-20-1
600	2	1	38.10 (1.50)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-600-15-1
600	2	1	50.80 (2.00)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-600-20-1
700	2	2	50.80 (2.00)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-700-20-2
800	2	2	50.80 (2.00)	8.64 (0.34)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-800-20-2
900	2	2	50.80 (2.00)	9.65 (0.38)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-900-20-2
1000	2	3	50.80 (2.00)	11.18 (0.44)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1000-20-3
1100	2	4	50.80 (2.00)	11.18 (0.44)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1100-20-4
1200	2	4	50.80 (2.00)	12.70 (0.50)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1200-20-4
1300	2	4	50.80 (2.00)	16.00 (0.63)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1300-20-4
1400	2	4	50.80 (2.00)	16.00 (0.63)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1400-20-4
1500	2	3	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	FB-1500-20-3

# NEER™ Ground Clamps

NEC/CEC:  
Listed for Ordinary Locations

## GC: Bronze Clamps

### Application

- Ground clamps for bare copper conductor.
- Used on water pipes, conduits or pipe electrodes.
- For insulated or bare conductor wire, copper AWG #10 solid to #2 stranded, aluminum #8 stranded to #2 stranded.
- Clamp is reversible.

### Standard Material/Finish

- Cast bronze alloy
- Screws: steel/zinc plated

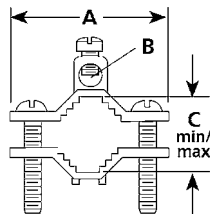
### NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GC-1Z

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2 to 1	57.9 (2.28)	8.4 (0.33)	1.9/48.0 (0.70/17.80)	GC-1Z
1-1/4 to 2	91.9 (3.62)	8.4 (0.33)	3.0/75.4 (1.38/35.10)	GC-2
2-1/2 to 4	162.1 (6.38)	8.4(0.33)	5.9/150.9 (2.73/69.30)	GC-4
4-1/2 to 6	215.9 (8.50)	7.6 (0.30)	7.8/196.9 (2.66/67.60)	GC-6

NEC/CEC:  
Listed for Ordinary Locations

## GC: Zinc Clamps

### Application

- Ground clamps for bare copper conductor.
- For insulated or bare conductor wire, copper AWG #10 solid to #2 stranded, aluminum #8 stranded to #2 stranded.
- Clamp is reversible.

### Standard Material/Finish

- GC-5
  - Zinc diecast
  - Screws: steel/zinc plated
- GC-5B
  - Zinc diecast/brass plating
  - Screws: steel/zinc plated

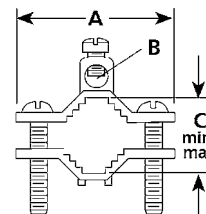
### NEC/CEC Certifications and Compliances

- GC-5
  - UL Standard: 467
  - UL Listed: E37337
  - CSA Standard: C22.2 No. 41
  - CSA Certified: 208044
  - NEMA: FB-1



GC-5

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2 to 1	56.9 (2.24)	8.4 (0.33)	1.6/40.9 (0.54/13.70)	GC-5
1/2 to 1	56.9 (2.24)	8.4 (0.33)	1.6/40.9 (0.54/13.70)	GC-5B

**Note:**

- GC-5 is listed for use with 1/2" through 1" trade size copper water pipe, steel galvanized water pipe and metal gas pipe. UL requires the UL logo be removed from GC-5B because we provide plating of a material or color different from natural zinc.

# NEER™ Ground Clamps

**NEC/CEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## GC: Direct Burial Clamps

### Applications

- Ground clamp for bare copper conductor.
- Used on water pipes, conduits or pipe electrodes.
- Suitable for direct burial in earth and concrete.

### Standard Material

- Clamps and screws: bronze

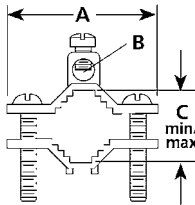
### NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GC-1-DB

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2 to 1	57.9 (2.28)	8.1 (0.32)	1.9/47.5 (0.70/17.80)	<b>GC-1-DB</b>

## RC: Rod, Direct Burial Clamps

### Applications

- To terminate bare copper conductor directly to ground rod.
- Suitable for direct burial applications.

### Standard Material

- Clamps and screws: bronze

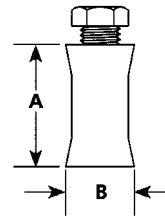
### NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



RC-625

### Illustrated Dimensions



Ground Rod Trade Size (Inches)	Dimensions in Millimeters (Inches)		Conductor Range AWG	Catalog Number
	A	B		
1/2	30.9 (1.22)	19.1 (0.75)	8-1/0	<b>RC-500</b>
5/8	37.6 (1.48)	24.9 (0.98)	8-1/0	<b>RC-625</b>
3/4	41.4 (1.63)	24.6 (0.97)	8-1/0	<b>RC-750</b>

# Type PK Armored/Metal Clad Cable Connectors

For Non-Jacketed Metal Clad Cable

NEC/CEC:  
Listed for Ordinary Locations

For Non-Jacketed Metal Clad Cable such as interlocked armor, corrugated metal sheath, smooth aluminum sheath and similar types. Non-watertight for dry locations.

## Applications

- Use with any type of metal clad cable to terminate and ground the armor and secure the cable where it enters a cabinet (max. 1/4" thick), through a standard knockout, slip-hole or D and T entrance.
- These terminators accommodate a wide range of cable armor diameters in a given fitting by simply inserting fibre rings to provide armor stops having smaller diameters. An armor clamp having clamping pieces on each side allows the cable to be centered in the fitting and provides full contact with the armor to insure a positive ground. The armor clamp on the 1-1/4" through 5" trade sizes consists of two clamping pieces (one on each side) as shown in illustration. The 3/4", 1" and 6" trade sizes have one clamping piece located on one side only.

## Standard Materials

- Type PK - malleable iron

## Standard Finishes

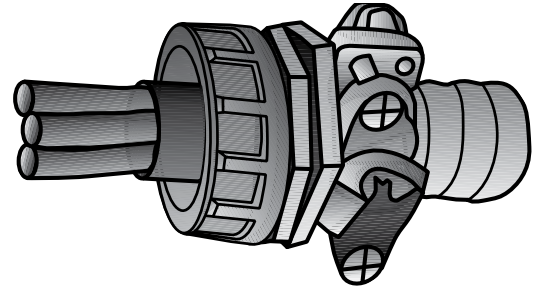
- Type PK - zinc electroplated
- Furnished complete with phenolic insulating bushing, electroplated steel screws and plated steel or malleable iron locknut.

## Options

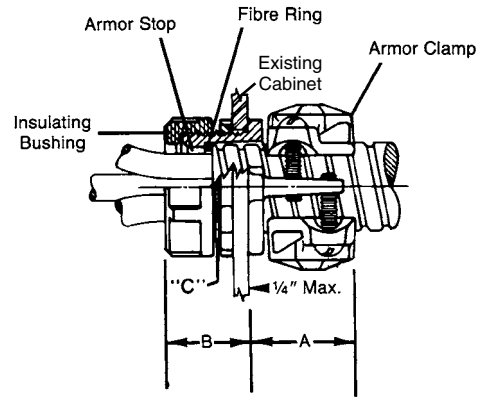
- Optional Type G Lay-In-Lug grounding wire connectors are available. See Cable Supports section for more details and the chart below for available options. Contact your local representative for price and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed E-36853
- CSA Standard: C22.2 No.18
- CSA Certified: 15553



Type PK



Trade Size (Inches)	Malleable Cable Range Dia Over Armor		Dimensions in Millimeters (Inches)			Ground Lug Options Per Connector ②				Iron Catalog Number
	Min.	Max.	A	B	Max. Dia.	G04S #14 - #4	G22S #8 - 2/0	G24S #6 - 4/0	G25S 250MCM - 500MCM	
3/4	11.43 (0.45)	15.75 (0.62)	25.40 (1.00)	25.40 (1.00)	38.10 (1.50)	X				PK-75
3/4	16.00 (0.63)	20.32 (0.80)	25.40 (1.00)	25.40 (1.00)	41.40 (1.63)	X				PK-751
1	16.00 (0.63)	20.32 (0.80)	31.75 (1.25)	28.70 (1.13)	44.45 (1.75)	X				PK-100
1	20.57 (0.81)	24.38 (0.96)	31.75 (1.25)	28.70 (1.13)	54.10 (2.13)	X				PK-101
1-1/4	20.57 (0.81)	34.04 (1.34)	39.62 (1.56)	31.75 (1.25)	63.50 (2.50)	X	X			PK-125
1-1/2	30.23 (1.19)	39.62 (1.56)	41.40 (1.63)	31.75 (1.25)	69.85 (2.75)	X	X			PK-150
2	34.29 (1.35)	50.80 (2.00)	42.93 (1.69)	33.27 (1.31)	85.85 (3.38)	X	X	X		PK-200
2-1/2	45.47 (1.79)	60.96 (2.40)	50.80 (2.00)	39.62 (1.56)	98.55 (3.88)	X	X	X		PK-250
3	56.13 (2.21)	75.69 (2.98)	52.32 (2.06)	42.93 (1.69)	117.60 (4.63)	X	X	X		PK-300
3-1/2	70.87 (2.79)	87.38 (3.44)	54.10 (2.13)	44.45 (1.75)	130.30 (5.13)	X	X	X		PK-350
4	81.53 (3.21)	99.31 (3.91)	55.63 (2.19)	45.97 (1.81)	143.00 (5.63)	X	X	X	X	PK-400
5	99.57 (3.92)	122.94 (4.84)	58.67 (2.31)	54.10 (2.13)	171.45 (6.75)	X	X	X	X	PK-500
6	138.94 (5.47)	145.03 (5.71)	69.85 (2.75)	57.15 (2.25)	209.55 (8.25)	X	X	X	X	PK-600 ①

① Not certified by CSA.

② Add ground lug suffix to catalog number. (e.g. PK150-G04s or G22S)

# Type PG Armored/Metal Clad Cable Connectors

For Jacketed Metal Clad Cable

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Use with jacketed armored cable.
- To terminate and ground the armor, and to secure and seal cable entrance into a cabinet or terminal box through a standard knockout, slip-hole or DandT entrance.

## Features

- Suitable for wet locations
- Gland type (with grounding sleeve and set-screws)

## Standard Materials

- **Type PG** - malleable or ductile iron.
- They are supplied with electro-plated grounding screws and pressure ring.
- They are available with stainless steel grounding screws and pressure ring. Contact your local representative for price and availability.

## Standard Finishes

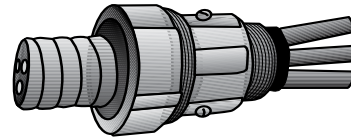
- Fittings - zinc plated

## Options

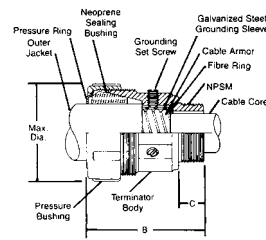
- All fittings can be supplied with neoprene gasket, locknut and insulating bushing. (Add Suffix **-LGB.**) Contact your local representative for price and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-36853
- CSA Standard: C22.2 No.18
- CSA Certified: 15553
- Suitable for wet locations
- Fed. Spec: W-F-406B



Type PG



Size (Inches)	Cable Range Dia. Over Jacket		Dimensions in Millimeters (Inches)				Dia. of Cable Core	Malleable Iron Catalog Number
	Min.	Max.	Max Dia.	B Approx.	C			
1/2	12.19 (0.48)	14.48 (0.57)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	7.87 (0.31)	PG-57-05	
1/2	14.48 (0.57)	16.76 (0.66)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	10.16 (0.4)	PG-66-05	
1/2	16.26 (0.64)	19.81 (0.78)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	12.95 (0.51)	PG-78-05	
1/2	19.05 (0.75)	22.61 (0.89)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	15.49 (0.61)	PG-89-05	
1/2	21.59 (0.85)	24.89 (0.98)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	15.49 (0.61)	PG-98-05	
3/4	19.05 (0.75)	22.61 (0.89)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	15.49 (0.61)	PG-89-07	
3/4	21.59 (0.85)	24.89 (0.98)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	18.29 (0.72)	PG-98-07	
3/4	22.35 (0.88)	27.18 (1.07)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	19.56 (0.77)	PG-107-07	
3/4	26.16 (1.03)	30.73 (1.21)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	21.59 (0.85)	PG-121-07	
1	22.35 (0.88)	27.18 (1.07)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	19.05 (0.75)	PG-107-10	
1	26.16 (1.03)	30.73 (1.21)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	23.11 (0.91)	PG-121-10	
1	29.97 (1.18)	35.05 (1.38)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	26.42 (1.04)	PG-138-10	
1-1/4	29.97 (1.18)	35.05 (1.38)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	26.42 (1.04)	PG-138-12	
1-1/4	34.54 (1.36)	41.40 (1.63)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	31.50 (1.24)	PG-163-12	
1-1/4	41.15 (1.62)	47.75 (1.88)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	36.07 (1.42)	PG-188-12	
1-1/2	43.94 (1.73)	50.80 (2.00)	79.50 (3.13)	101.60 (4.00)	19.05 (0.75)	40.89 (1.61)	PG-200-15	
1-1/2	49.02 (1.93)	55.63 (2.19)	79.50 (3.13)	101.60 (4.00)	19.05 (0.75)	40.89 (1.61)	PG-219-15	
2	49.02 (1.93)	55.63 (2.19)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	45.47 (1.79)	PG-219-20	
2	53.34 (2.1)	60.96 (2.4)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	49.78 (1.96)	PG-240-20	
2	59.69 (2.35)	66.29 (2.61)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	53.09 (2.09)	PG-261-20	
2	63.50 (2.50)	69.85 (2.75)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	53.09 (2.09)	PG-275-20	
2-1/2	60.20 (2.37)	66.80 (2.63)	117.60 (4.63)	133.35 (5.25)	30.23 (1.19)	50.55 (1.99)	PG-263-25	
2-1/2	65.02 (2.56)	71.88 (2.83)	117.60 (4.63)	133.35 (5.25)	30.23 (1.19)	61.72 (2.43)	PG-283-25	
2-1/2	69.34 (2.73)	76.20 (3.00)	117.60 (4.63)	133.35 (5.25)	30.23 (1.19)	61.72 (2.43)	PG-300-25	
2-1/2	75.44 (2.97)	81.79 (3.22)	117.60 (4.63)	133.35 (5.25)	30.23 (1.19)	63.25 (2.49)	PG-322-25	
3	69.34 (2.73)	76.20 (3.00)	131.83 (5.19)	136.65 (5.38)	31.75 (1.25)	61.72 (2.43)	PG-300-30	
3	74.68 (2.94)	81.79 (3.22)	131.83 (5.19)	136.65 (5.38)	31.75 (1.25)	63.25 (2.49)	PG-322-30	
3	81.28 (3.2)	88.14 (3.47)	131.83 (5.19)	136.65 (5.38)	31.75 (1.25)	77.47 (3.05)	PG-347-30	
3	85.60 (3.37)	92.20 (3.63)	131.83 (5.19)	136.65 (5.38)	31.75 (1.25)	77.47 (3.05)	PG-363-30	
3-1/2	85.60 (3.37)	92.20 (3.63)	149.35 (5.88)	141.22 (5.56)	31.75 (1.25)	81.03 (3.19)	PG-363-35	
3-1/2	91.19 (3.59)	98.55 (3.88)	149.35 (5.88)	141.22 (5.56)	31.75 (1.25)	86.11 (3.39)	PG-388-35	
3-1/2	97.03 (3.82)	104.14 (4.10)	149.35 (5.88)	141.22 (5.56)	31.75 (1.25)	90.17 (3.55)	PG-410-35	
4	96.52 (3.80)	104.14 (4.10)	162.05 (6.38)	143.00 (5.63)	33.27 (1.31)	91.19 (3.59)	PG-410-40	
4	101.60 (4.00)	108.71 (4.28)	162.05 (6.38)	143.00 (5.63)	33.27 (1.31)	96.27 (3.79)	PG-428-40	
4	106.68 (4.20)	113.54 (4.47)	162.05 (6.38)	143.00 (5.63)	33.27 (1.31)	101.35 (3.99)	PG-447-40	
4	111.76 (4.40)	118.11 (4.65)	162.05 (6.38)	143.00 (5.63)	33.27 (1.31)	104.39 (4.11)	PG-465-40	



# Cable Connectors

For Armored Cable, Flexible Metal Conduit, Interlocked AC-38 Cables, NM and SE Cable

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To ground and secure Armored Cable, Flexible Metal Conduit and Interlocked Metal Clad Cables to boxes and enclosures.
- To secure NM and SE Cables to boxes and enclosures.

## Features

- Available with insulated throats.
- Male hub threads — NPS.
- All center stopped.
- Provided with locknuts.

## Standard Materials

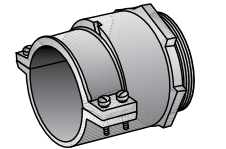
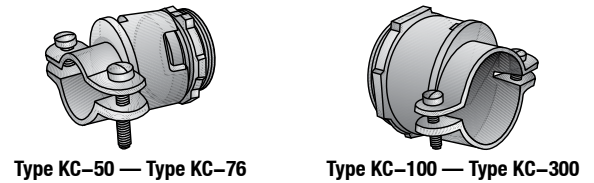
- Malleable iron

## Standard Finishes

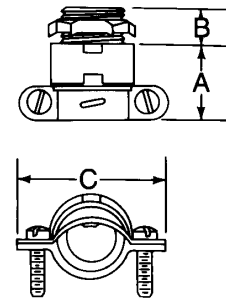
- Zinc electroplated

## NEC/CEC Certifications and Compliances

- KC-50, KC-50T, KC-51 UL Listed for metal clad, armored cable, flexible metal conduit, sheathed cable, SE cable: E-11852
- KC-75, KC-75T, KC-76 UL Listed for, armored cable, flexible metal conduit, sheathed cable, SE cable: E-11852
- KC-100, KC-100T, KC-125, KC-125T UL Listed for flexible metal conduit: E-11853
- KC-100, KC-100T, KC-125, KC-125T UL Listed for sheathed cable: E-23237
- KC-100, KC-100T, KC-125, KC-125T UL Listed for SE cable: E-11858
- KC-150 through KC-400 and KC-150T through KC-400T UL Listed for flexible metal conduit: E-11853
- KC-500 and KC-500T: UL and CSA Listing is not applicable
- UL Standard: ANSI/UL 514B
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Flex Opening Millimeters (Inches) Min. – Max.	Catalog Number	Insulated Throat Catalog Number
	A	B	C			
1/2	28.70 (1.13)	11.18 (0.44)	47.75 (1.88)	12.70 - 23.11 (0.50 - 0.91)	KC-50	KC-50T
1/2 (3/4 KO)	28.70 (1.13)	11.18 (0.44)	47.75 (1.88)	12.70 - 23.88 (0.50 - 0.94)	KC-51	—
3/4	30.23 (1.19)	12.70 (0.50)	54.10 (2.13)	22.35 - 27.69 (0.88 - 1.09)	KC-75	KC-75T
3/4 (1 KO)	30.23 (1.19)	12.70 (0.50)	54.10 (2.13)	21.34 - 27.69 (0.84 - 1.09)	KC-76	—
1	31.75 (1.25)	14.22 (0.56)	61.98 (2.44)	26.92 - 35.05 (1.06 - 1.38)	KC-100	KC-75T
1-1/4	33.27 (1.31)	14.22 (0.56)	71.37 (2.81)	32.51 - 41.4 (1.28 - 1.63)	KC-125	KC-125T
1-1/2	45.97 (1.81)	19.05 (0.75)	87.38 (3.44)	35.05 - 50.80 (1.38 - 2.00)	KC-150	KC-150T
2	54.10 (2.13)	22.35 (0.88)	107.95 (4.25)	54.10 - 63.50 (2.13 - 2.50)	KC-200	KC-200T
2-1/2	66.80 (2.63)	22.35 (0.88)	127.00 (5.00)	61.98 - 76.20 (2.44 - 3.00)	KC-250	KC-250T
3	77.72 (3.06)	26.92 (1.06)	139.70 (5.50)	74.68 - 88.90 (2.94 - 3.50)	KC-300	KC-300T
3-1/2	90.42 (3.56)	31.75 (1.25)	165.10 (6.50)	94.49 - 101.60 (3.72 - 4.00)	KC-350	KC-350T
4	93.73 (3.69)	31.75 (1.25)	177.80 (7.00)	103.12 - 112.78 (4.06 - 4.44)	KC-400	KC-400T
5	127.00 (5.00)	38.10 (1.50)	212.85 (8.38)	134.87 - 139.7 (5.31 - 5.50)	KC-500	KC-500T

# Cable Connectors

For Armored Cable and Flexible Metal Conduit

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

## Feature

- Male hub threads — NPS
- Available with insulated throat.
- Furnished with locknuts.

## Standard Materials

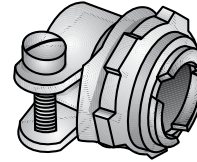
- Malleable iron

## Standard Finishes

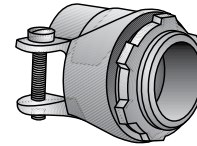
- Zinc electroplated

## NEC/CEC Certifications and Compliances

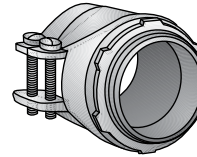
- C-5 through C-8 UL Listed for armored cable: E-11852
- C-8, 24-34 through 24-300 UL Listed for flexible metal conduit: E-11853
- UL Listed flexible metal conduit fittings are suitable for use in Hazardous Location under NEC 501-4(b), Class I, Division 2, and suitable as a grounding means under NEC 350-5.
- CSA Certified for Armored Cable: 009795



**Type C-5  
End Stopped**



**Type C-8 — Type 24-125  
Center Stopped**



**Type 24-150 — Type 24-300  
Center Stopped**

### Dimensions in Millimeters (Inches)

Trade Size (Inches)	Body Length	Thread Length	Max. Width	Flex. Opening	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	14.22 (0.56)	11.18 (0.44)	28.70 (1.13)	12.70 - 14.99 (0.50 - 0.59)	<b>C-5</b>	—
1/2	23.88 (0.94)	12.70 (0.50)	39.62 (1.56)	19.81 - 23.88 (0.78 - 0.94)	<b>C-8</b>	<b>C-8T</b>
3/4	28.7 (1.13)	12.70 (0.50)	44.45 (1.75)	23.11 - 27.43 (0.91 - 1.08)	<b>24-34</b>	<b>24-34T</b>
1	30.23 (1.19)	14.22 (0.56)	55.63 (2.19)	32.51 - 36.58 (1.28 - 1.44)	<b>24-100</b>	<b>24-100T</b>
1-1/4	31.75 (1.25)	16.00 (0.63)	63.50 (2.50)	36.58 - 41.4 (1.44 - 1.63)	<b>24-125</b>	<b>24-125T</b>
1-1/2	47.75 (1.88)	17.53 (0.69)	66.80 (2.63)	41.40 - 47.75 (1.63 - 1.88)	<b>24-150</b>	<b>24-150T</b>
2	50.80 (2.00)	19.05 (0.75)	84.07 (3.31)	55.63 - 60.45 (2.19 - 2.38)	<b>24-200</b>	<b>24-200T</b>
2-1/2	52.32 (2.06)	23.88 (0.94)	103.12 (4.06)	68.58 - 74.93 (2.70 - 2.95)	<b>24-250</b>	<b>24-250T</b>
3	57.15 (2.25)	23.88 (0.94)	117.6 (4.63)	79.50 - 88.90 (3.13 - 3.50)	<b>24-300</b>	<b>24-300T</b>

# Cable Connectors

## Two Screw Clamp and 90° Squeeze Connectors

For Armored Cable and Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations

### Application:

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

### Features

- Male hubs - NPS.
- Provided with center stop.
- Available with insulated throats.
- Furnished with locknuts.
- Also suitable for NM and SE cable.

### Standard Materials

- Malleable iron

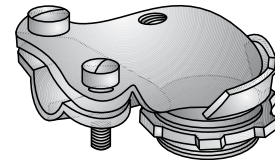
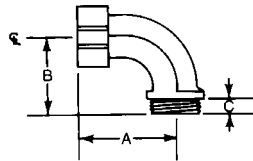
### Standard Finishes

- Zinc electroplated

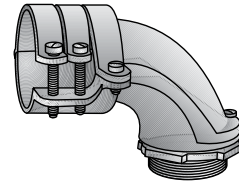
### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B (1203)
- UL Listed: E-11853
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

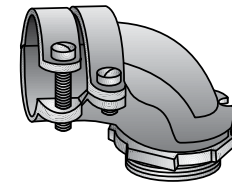
### Illustrated Dimensions



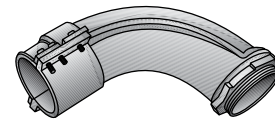
Type ACV-938



Type AC-150 — Type AC-200



Type ACV-50 — Type AC-125



Type AC-250 — Type AC-400

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Flex Opening	Catalog Number	Insulated Throat Catalog Number
	A	B	C				
3/8 (1/2 KO)	33.27 (1.31)	20.57 (0.81)	11.18 (0.44)		9.14 - 16.76 (0.36 - 0.66)	<b>ACV-938</b>	<b>ACV-938T</b>
1/2	44.45 (1.75)	26.92 (1.06)	11.18 (0.44)		19.81 - 24.13 (0.78 - 0.95)	<b>ACV-50</b>	<b>ACV-50T</b>
3/4	45.97 (1.81)	28.70 (1.13)	11.18 (0.44)		23.11 - 25.91 (0.91 - 1.02)	<b>ACV-75</b>	<b>ACV-75T</b>
1	52.32 (2.06)	39.62 (1.56)	14.22 (0.56)		31.75 - 35.05 (1.25 - 1.38)	<b>AC-100</b>	<b>AC-100T</b>
1-1/4	71.37 (2.81)	50.80 (2.00)	14.22 (0.56)		35.81 - 41.4 (1.41 - 1.63)	<b>AC-125</b>	<b>AC-125T</b>
1-1/2	96.77 (3.81)	71.37 (2.81)	14.22 (0.56)		44.45 - 50.8 (1.75 - 2.00)	<b>AC-150</b>	<b>AC-150T</b>
2	120.65 (4.75)	82.55 (3.25)	17.53 (0.69)		55.63 - 42.93 (2.19 - 1.69)	<b>AC-200</b>	<b>AC-200T</b>
2-1/2	158.75 (6.25)	109.47 (4.31)	22.35 (0.88)		69.85 - 76.20 (2.75 - 3.00)	<b>AC-250</b>	<b>AC-250T</b>
3	184.15 (7.25)	130.30 (5.13)	25.40 (1.00)		82.55 - 88.9 (3.25 - 3.50)	<b>AC-300</b>	<b>AC-300T</b>
3-1/2	260.35 (10.25)	196.85 (7.75)	31.75 (1.25)		93.98 - 105.66 (3.70 - 4.16)	<b>AC-350</b>	<b>AC-350T</b>
4	330.20 (13.00)	247.65 (9.75)	31.75 (1.25)		104.39 - 115.82 (4.11 - 4.56)	<b>AC-400</b>	<b>AC-400T</b>

# Cable Connectors

## Squeeze Connector

For Armored Cable and Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations

### Application:

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

### Features

- Male hubs - NPS.
- Provided with center stop.
- Available with insulated throats.
- Furnished with locknuts.
- Also suitable for NM and SE cable.

### Standard Materials

- Malleable iron

### Standard Finishes

- Zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B (1203)
- UL Listed: E-11852
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

### Features

- Concretetight
- Set screw
- Threadless RMC and IMC to EMT

### Standard Materials

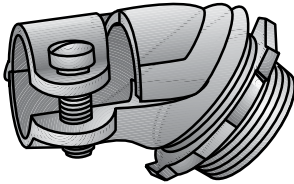
- Malleable iron

### Standard Finishes

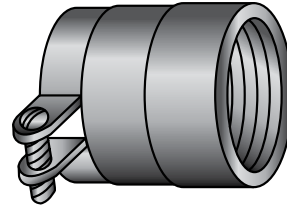
- Zinc plated

### NEC/CEC Certifications and Compliances

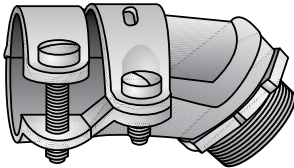
- UL Standard: ANSI/UL 514B
- UL Listed: E-11853



Type AC-38



Type CB



Type AC-50

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	Body Length	Thread Length	Max. Width	Flex. Opening		
3/8 (1/2 KO)	35.05 (1.38)	11.18 (0.44)	31.75 (1.25)	13.46 - 15.49 (0.53 - 0.61)	<b>AC-38</b>	<b>AC-38T</b>
1/2	49.28 (1.94)	11.18 (0.44)	42.93 (1.69)	19.81 - 23.88 (0.78 - 0.94)	<b>AC-50</b>	<b>AC-50T</b>
3/4	54.10 (2.13)	12.70 (0.50)	44.45 (1.75)	23.11 - 26.92 (0.91 - 1.06)	<b>AC-75</b>	<b>AC-75T</b>

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Length	Max. Dia.	Flex Range	
1/2	38.1 (1.50)	31.8 (1.25)	19.81 - 23.88 (0.94 - 0.78)	<b>CB-50</b>
3/4	44.5 (1.75)	38.1 (1.50)	23.11 - 27.43 (1.08 - 0.91)	<b>CB-75</b>
1	47.8 (1.88)	47.8 (1.88)	14.99 - 36.58 (1.44 - 0.59)	<b>CB-100</b>

# Cable Connectors

## Duplex Connector

For Armored Cable

**NEC/CEC:**  
*Listed for Ordinary Locations*

### Application:

- To ground and secure two Armored Cables to boxes and enclosures.

### Features

- Male hub threads — NPS.
- Cable stop.
- UL Listed for armored cables 14/2 to 10/2.
- Furnished with locknuts.

### Standard Materials

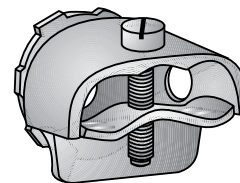
- Malleable iron

### Standard Finishes

- Zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B (1203)
- UL Listed: 11852
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



Type 25-38C

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	Body Length	Thread Length	Max. Width	Opening	Catalog Number
3/8 (1/2 KO)	26.92 (1.06)	11.18 (0.44)	39.62 (1.56)	5.59 - 13.46 (0.22 - 0.53)	25-38C

# Cable Connectors

For Armored Cable

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To ground and secure armored cable to boxes and enclosures.

## Features

- Male hub threads — NPS.
- Cable stop.
- UL Listed for armored cable.
- Furnished with locknuts..

## Standard Materials

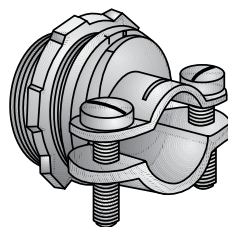
- Malleable iron

## Standard Finishes

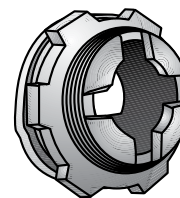
- Zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11852
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

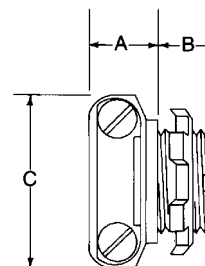


Type C-15L

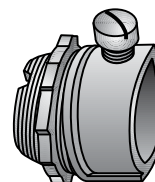


Front View

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Cable Opening	Catalog Number
	A	B	C		
3/8 (1/2 KO)	14.22 (0.56)	12.70 (0.50)	35.05 (1.38)	9.65 - 16.00 (0.38 - 0.63)	<b>C-15L</b>



Type C1Z

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Flex. Opening	Catalog Number
	Body Length	Thread Length	Max. Width			
3/8 (1/2 KO)	14.22 (0.56)	10.41 (0.41)	25.40 (1.00)		10.67 - 16.00 (0.42 - 0.63)	<b>C-1Z</b>

# Cable Connectors

Aluminum Sheathed For Smooth and Corrugated ALS Cable

**NEC:**  
Listed for Ordinary Locations

## Applications

- To ground and secure Aluminum Sheathed Cable to boxes and enclosures.

## Features

- End stopped.
- Male hub threads — NPS.
- Furnished with locknut.

## Standard Materials

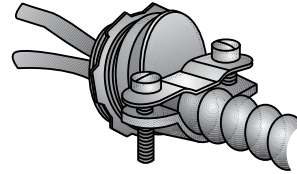
- Malleable iron

## Standard Finishes

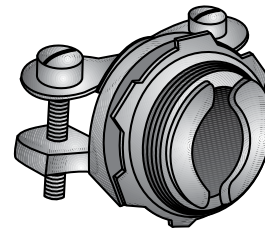
- Zinc electroplated

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11852
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type ALS-50-525



End Stopped

K.O. Size Inches	Dimensions in Millimeters (Inches)			Cable Range Dia. over Armor		Catalog Number
	Length of Clamp	Length of Thread	Width of Clamp	Min.	Max.	
1/2	14.22 (0.56)	11.94 (0.47)	35.05 (1.38)	9.65 (0.38)	13.46 (0.53)	ALS-50-525

# Cable Connectors

For Non-Metallic Sheathed Cable

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- Type C-11LS - to secure non-metallic sheathed cable to boxes and enclosures.
- Type 806 and Type 906 Series - to secure non-metallic sheathed cable, service entrance cable and flexible cords to boxes and enclosures.

## Features

- Available with insulated throats.
- Furnished with locknuts.
- Male hub threads — NPS.

## Standard Materials

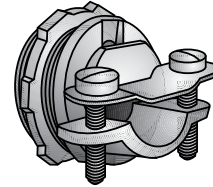
- Malleable iron

## Standard Finishes

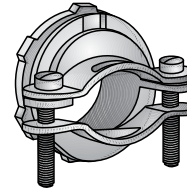
- Zinc electroplated

## NEC/CEC Certifications and Compliances

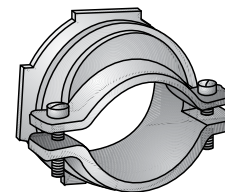
- UL Standard: ANSI/UL 514B
- UL Listed: E-11856  
UL Listed for 806, 906Z, 907, 908, 909 for NM and SE Cables
- UL Listed: E-11858  
UL Listed for 806, 906Z for SE Cable
- C-11L - UL Listed E23237 for NM Cable
- CSA Standard C22.2 No. 18
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type C-11LS

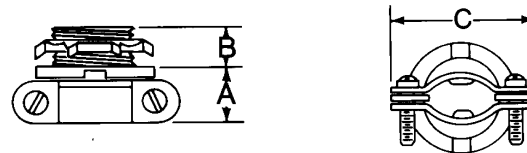


Type 806 — Type 908



Type 909

## Illustrated Dimensions



Trade Size (Inches)	Clamp Opening		Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	Min.	Max.	Width	A	B	C		
1/2	4.83 (0.19)	16.00 (0.63)	—	14.22 (0.56)	11.18 (0.44)	35.05 (1.38)	C-11LS ①	C-11LST ①
3/4	9.40 (0.37)	21.34 (0.84)	21.34 (0.84)	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	806	806T
1	10.67 (0.42)	26.67 (1.05)	26.67 (1.05)	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	906Z	906T
1-1/4	19.05 (0.75)	34.04 (1.34)	34.04 (1.34)	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	907	907T
1-1/2	23.11 (0.91)	36.83 (1.45)	39.37 (1.55)	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	908	908T
2	35.31 (1.39)	51.56 (2.03)	51.56 (2.03)	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	909	909T

① Longer screw to accommodate extra flexible cables. Not CSA Certified.



# Cable Connectors

For Non-Metallic Sheathed Flat Cable

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To secure non-metallic sheathed flat cable, SE/SEU flat cable, and other oval (flat) non-metallic cables to boxes and enclosures.

## Features

- 2-screw double clamp - open throat type.
- Furnished with locknut.
- Male hub threads — NPS.

## Standard Materials

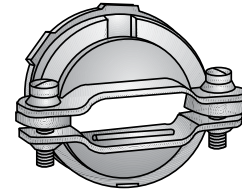
- Malleable iron

## Standard Finishes

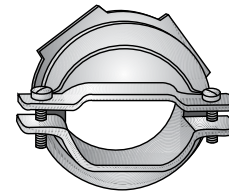
- Zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11856
- CSA Standard C22.2 No. 18
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1

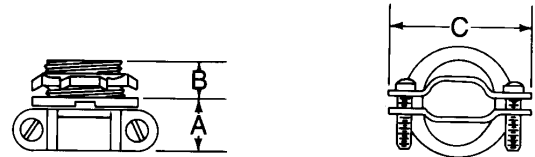


Type 806F — Type 908F



Type 909F

## Illustrated Dimensions



Trade Size (Inches)	SEU Cable Range (Braid Neoprene and PVC Jacketed)	Dimensions in Millimeters (Inches)			Clamp Opening Range			Catalog Number
		A	B	C	Min.	Max.	Width	
3/4	3#10 to 3#6	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	8.38 (0.33)	20.83 (0.82)	20.83 (0.82)	806F ①
1	3#10 to 3#2	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	7.62 (0.30)	26.92 (1.06)	26.92 (1.06)	906F
1-1/4	3#3 to 3#1/0	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	12.70 (0.50)	34.29 (1.35)	34.29 (1.35)	907F
1-1/2	3#1/0 to 3#3/0	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	14.99 (0.59)	28.19 (1.11)	39.62 (1.56)	908F
2	3#2/0 to 3#4/0	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	19.56 (0.77)	28.96 (1.14)	45.21 (1.78)	909F

① Longer screw to accommodate extra flexible cables. Not CSA Certified.

# Armored Cable and Flexible Metal Conduit Connectors

**NEC/CEC:**  
Rated for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## Combination Coupling 3/8" Flexible Metal Conduit to 1/2" EMT

### Applications

- To couple 3/8" flexible metal conduit to 1/2" EMT conduit.

### Features

- Furnished with locknut.

### Standard Material

- Zinc diecast

## Armored Ground Wire and Nonmetallic Sheathed Cable <sup>①</sup> Connector

### Applications

- To ground and secure armored ground wire and nonmetallic sheathed cable to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

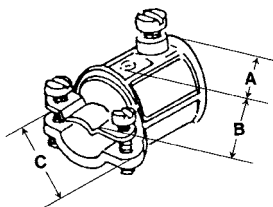
### Standard Material

- Malleable iron/zinc plated

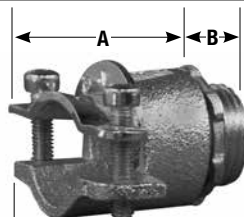
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

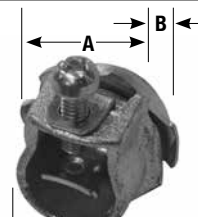
**Illustrated Dimensions**



**Illustrated Dimensions**



7287V



7230V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/8	16.0 (0.63)	5.6 (0.22)	22.4 (0.88)	10.4 (0.41)	31.8 (1.25)	3.40 (7.50)	TW38-50DC <sup>②</sup>

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
1/2	23.9 (0.94)	10.4 (0.41)	14.9 (0.59)	27.7 (1.09)	10.4 (0.41)	47.8 (1.88)	7.71 (17.00)	7287V
1/2 (3/4" knockout)	23.9 (0.94)	14.9 (0.59)	19.8 (0.78)	27.7 (1.09)	11.2 (0.44)	47.8 (1.88)	8.62 (19.00)	7288V
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	-	16.0 (0.63)	11.2 (0.44)	25.4 (1.00)	3.18 (7.00)	7230V

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

<sup>②</sup> UL Listed and CSA Certification not applicable.

# Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## Armored Cable <sup>①</sup> and Flexible Metal Conduit Duplex Connector

### Applications

- To ground and secure two armored cables to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## Armored Cable <sup>①</sup> and Flexible Metal Conduit - 45° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

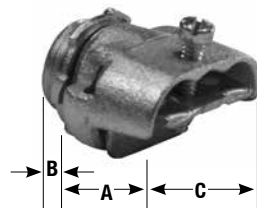
### Standard Material/Finish

- Malleable iron/steel/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

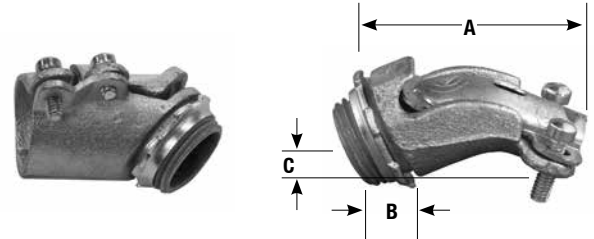
### Illustrated Dimensions



7240V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	10.4 (0.41)	24.6 (0.97)	11.9 (0.47)	44.5 (1.75)	9.53 (21.00)	7240V

### Illustrated Dimensions



7247V

7245V, 7246V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
3/8 (1/2" knockout)	16.0 (0.63)	9.7 (0.38)	13.5 (0.53)	41.4 (1.63)	11.2 (0.44)	25.4 (1.00)	7.26 (16.00)	7245V
1/2	23.9 (0.94)	20.6 (0.81)	13.5 (0.53)	42.9 (1.69)	11.2 (0.44)	31.8 (1.25)	10.21 (22.50)	7246V <sup>②</sup>
3/4	28.4 (1.12)	24.1 (0.95)	20.6 (0.81)	44.5 (1.75)	11.2 (0.44)	38.1 (1.50)	12.70 (28.00)	7247V <sup>②</sup>

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

<sup>②</sup> UL Listed and CSA Certification not applicable.

# Armored Cable and Flexible Metal Conduit Connectors

**NEC/CEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## Armored Cable <sup>①</sup> and Flexible Metal Conduit - 90° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/steel/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

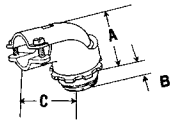
### Illustrated Dimensions



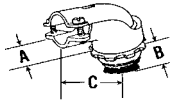
7381V, 7382V



7381VI, 7382VI



7380V



7381VI

## Armored Cable <sup>①</sup> and Flexible Metal Conduit Straight Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/zinc electroplated

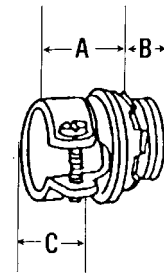
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

### Illustrated Dimensions



7265V



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
3/8 (1/2" knockout)	16.0 (0.63)	7.9 (0.31)	19.1 (0.75)	11.2 (0.44)	31.8 (1.25)	6.62 (14.60)	7380V	7380VI
1/2	23.9 (0.94)	14.9 (0.59)	38.1 (1.50)	11.2 (0.44)	50.8 (2.00)	10.25 (22.60)	7381V	7381VI
3/4	28.4 (1.12)	20.6 (0.81)	42.9 (1.69)	11.2 (0.44)	50.8 (2.00)	14.97 (33.00)	7382V	7382VI

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
3/8	16.0 (0.63)	11.9 (0.47)	13.5 (0.53)	11.2 (0.44)	29.5 (1.16)	3.18 (7.00)	7265V	-
3/8 (1/2" knockout)	16.0 (0.63)	7.9 (0.31)	19.1 (0.75)	11.2 (0.44)	31.8 (1.25)	6.62 (14.60)	7480V	7480VI
1/2	19.84 (0.78)	23.81 (0.94)	23.81 (0.94)	12.70 (0.50)	39.69 (1.56)	5.90 (13.00)	7481V	7481VI
3/4	23.02 (0.90)	27.38 (1.08)	28.58 (1.13)	12.70 (0.50)	44.45 (1.75)	9.98 (22.00)	7482V	7482VI

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

# Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC:  
Listed for Ordinary Locations

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL GLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

## Flexible Metal Conduit - 90° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



7383



7383I

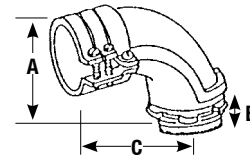


7385I



7385

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
1	35.1 (1.38)	30.2 (1.19)	58.7 (2.31)	12.7 (0.50)	54.1 (2.13)	25.40 (56.00)	7383	7383I
1-1/4	45.2 (1.78)	37.3 (1.47)	71.4 (2.81)	14.2 (0.56)	69.9 (2.75)	53.52 (118.00)	7384	7384I
1-1/2	50.8 (2.00)	43.7 (1.72)	75.4 (2.97)	14.2 (0.56)	88.9 (3.50)	79.83 (176.00)	7385	7385I
2	61.9 (2.44)	50.8 (2.00)	104.9 (4.13)	19.1 (0.75)	120.7 (4.75)	131.54 (290.00)	7386	7386I
2-1/2	76.2 (3.00)	67.6 (2.66)	124.0 (4.88)	26.9 (1.06)	149.4 (5.88)	204.12 (450.00)	7387	7387I
3	88.9 (3.50)	80.3 (3.16)	139.7 (5.50)	26.9 (1.06)	168.4 (6.63)	277.60 (612.00)	7388	7388I

# Armored Cable and Flexible Metal Conduit Connectors

**NEC/CEC:**  
Listed for Ordinary Locations

## Flexible Metal Conduit Connectors One Screw and Two Screw

### Applications

- To ground and secure flexible metal conduit or armored cable to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1



7483



7483I

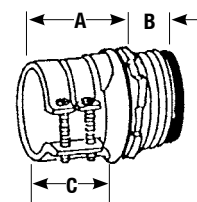


7485



7485I

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C		
<b>One Screw</b>							
1	36.51 (1.44)	32.54 (1.28)	30.16 (1.19)	14.29 (0.56)	55.56 (2.19)	7483	7483I
1-1/4	41.28 (1.63)	36.51 (1.44)	31.75 (1.25)	15.88 (0.63)	63.50 (2.50)	7484	7484I
<b>Two Screw</b>							
1	47.63 (1.88)	41.28 (1.63)	47.63 (1.88)	17.46 (0.69)	66.68 (2.63)	7485	7485I
1-1/4	60.33 (2.38)	55.56 (2.19)	50.80 (2.00)	19.05 (0.75)	84.14 (3.31)	7486	7486I
1	75.01 (2.95)	68.66 (2.70)	52.39 (2.06)	23.81 (0.94)	103.19 (4.06)	7487	7487I
1-1/4	88.9 (3.50)	79.38 (3.13)	57.15 (2.25)	23.81 (0.94)	117.48 (4.63)	7488	7488I
1	104.90 (4.13)	95.30 (3.75)	61.90 (2.44)	25.40 (1.00)	130.30 (5.13)	7489	7489I
1-1/4	118.60 (4.67)	106.40 (4.19)	68.30 (2.69)	25.40 (1.00)	144.50 (5.69)	7490	7490I

# Nonmetallic Sheathed Cable Connectors

**NEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## Nonmetallic Sheathed Cable <sup>①</sup> Connector With Cam Lock

### Applications

- To ground and secure nonmetallic sheathed cable to boxes and enclosures.

### Features

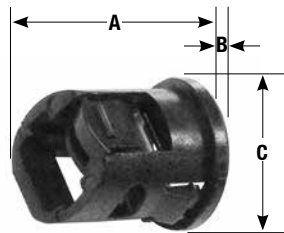
- Positive-stop locking action.
- Used with 14-2, 12-2 and 10-2 (with or without ground).

### Standard Material

- Thermoplastic

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- NEMA: FB-1



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	A	B	C		
1/2	27.7 (1.09)	3.3 (0.13)	25.4 (1.00)	0.59 (1.30)	<b>A-1</b> <sup>②</sup>

## Nonmetallic Sheathed Cable and Service Entrance Cable <sup>①</sup> Connectors

### Applications

- To secure service entrance cable and nonmetallic sheathed to boxes and enclosures.

### Features

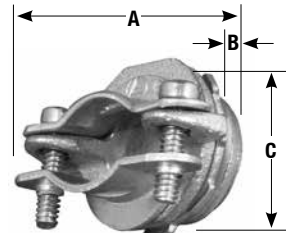
- Furnished with locknut.
- Male hub threads — NPS.

### Standard Material/Finish

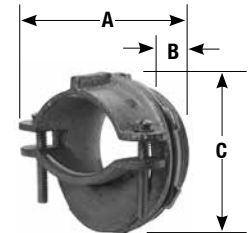
- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233



15237

Trade Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	<b>15233</b>
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	<b>15234</b>
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	<b>15235</b>
1-1/2	40.4 (1.59)	20.6 (0.81)	20.6 (0.81)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	<b>15236</b>
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	<b>15237</b>

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

<sup>②</sup> Not CSA certified.

# SPEED-LOCK™ Steel Box Connectors and SPEED-LOCK™ Zinc Snap Connectors

Type AMC

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To ground and secure MC, AC and flexible metal conduit to boxes and enclosures.
- For steel box installations.

## Features



- No locknut required.
- Single-unit or duplex construction with captive clamp.
- Connects over 100 sizes of MC, AC or flexible metal conduit with just four fittings.
- Easy to install. Just tilt, insert and snap down.
- Single-unit construction eliminates loose component parts.
- Integral red plastic insulated throat busing provides maximum protection for wire insulation.

## Standard Material/Finish

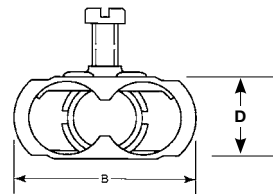
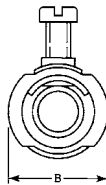
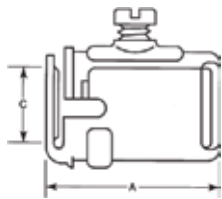
- Steel/zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 028507

	Trade Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		A	B	C	D		
	1/2 Single	35.1 (1.38)	25.4 (1.00)	10.4 (0.41)	17.5 (0.69)	2.95 (6.50)	AMC-50
AMC-50	3/4 Single	41.4 (1.63)	33.3 (1.31)	14.2 (0.56)	24.9 (0.98)	3.40 (7.50)	AMC-75
	1/2 Knockout; 3/4 capacity	41.4 (1.63)	33.3 (1.31)	14.2 (0.56)	24.9 (0.98)	3.40 (7.50)	AMC-5075
AMC-52	1/2 Duplex	39.6 (1.56)	43.7 (1.72)	14.2 (0.56)	17.5 (0.69)	5.44 (12.00)	AMC-52

## Illustrated Dimensions





# SPEED-LOCK™ Steel Box Connectors and SPEED-LOCK™ Zinc Snap Connectors

Type AMC

NEC/CEC:  
Listed for Ordinary Locations

Cable Type	AMC-50 1/2" Knockout	AMC-5075 1/2" Knockout 3/4" Capacity	AMC-75 3/4" Knockout	AMC-52 ① 1/2" Knockout Duplex
AC Steel and HCF AC Steel	(0.475 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.605 to 0.853 Dia.) 10/4, 10/5, 8/3, 8/4, 6/3	(0.545 to 0.850 Dia.) 10/3, 10/4, 10/5, 8/3, 8/4, 6/3	(0.475 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3
AC Aluminum and HCF AC Aluminum	(0.464 to 0.610 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.610 to 0.823 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.600 to 0.835 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.464 to 0.600 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI Steel	(0.455 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.580 to 0.690 Dia.) 10/3, 10/4, 10/5, 8/3	(0.550 to 0.850 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.455 to 0.545 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI Aluminum	(0.455 to 0.600 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.520 to 0.690 Dia.) 10/3, 10/4, 10/5, 8/3	(0.580 to 0.850 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.455 to 0.550 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI-A and HCF MCI-A Aluminum	(0.385 to 0.510 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.675 Dia.) 8/3	(0.675 to 0.785 Dia.) 8/3, 8/4, 6/3	(0.385 to 0.520 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3
Steel Flex	3/8"	1/2"	1/2"	3/8"
Aluminum Flex	3/8"	1/2"	1/2"	3/8"
Reduced Wall Steel Flex	3/8"	1/2"	1/2"	3/8"
Reduced Wall Aluminum Flex	3/8"	1/2"	1/2"	3/8"
Extra Reduced Wall Steel Flex	3/8"	1/2"	1/2"	3/8"
Extra Reduced Wall Aluminum Flex	3/8"	1/2"	1/2"	3/8"

① Accepts two cables of each size listed. Requires armored cable bushing when used with flexible metal conduit.  
Note: All dimensions are "over-armor" dimensions.

# SPEED-LOCK™ Steel Box Connectors and SPEED-LOCK™ Zinc Snap Connectors

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To ground and secure steel or aluminum AC, MC, MCI, MCI-A, HFC-MCI, FMC and RWFMC flexible metal conduit to boxes and enclosures in dry locations.
- For 1/2" knockout.

## Features

- Patented design installs in seconds without the use of tools or locknut.
- Significantly reduces labor.
- Single, duplex or 90 degree construction.
- Design eliminates loose component parts.
- Superior pullout protection.
- Easily removable for reuse.
- Integral red plastic insulated throat +105 °C (+221 °F) rated provides maximum protection for wire insulation.
- Concrete tight when tapped.



## Standard Material/Finish

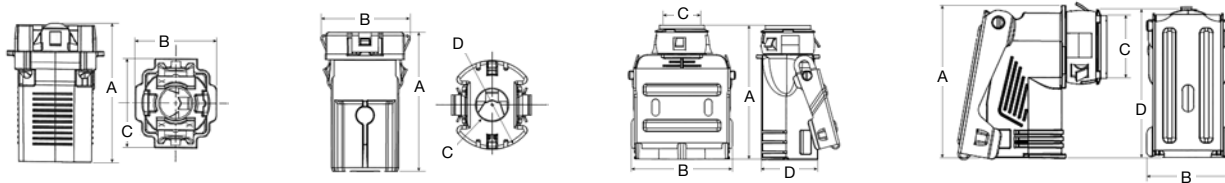
- Body – Zinc diecast
- Cover – Steel/Zinc electroplated
- Insulator – Non-Metallic

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- cULus Listed: E-11853

Trade Size (Inches)	OB/SB KO Size (Inches)	Connector Type	Cable Type			Cable Size	Cable Diameter Millimeters (Inches)	Weight per 100 kg (lb)	Catalog Number
			AC/MC	Aluminium MCI-A	Steel MCI-A				
3/8	1/2	Straight	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	38SLC
3/8	1/2	Straight	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	38SLCBULK
3/8	1/2	Cut-In (Old Work)	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	38SLC0W
3/8	1/2	Duplex	X	X	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	4.99 (11.0)	3838SLC
3/8	1/2	Duplex	X	X	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	4.99 (11.0)	3838SLCBULK
3/8	1/2	90°	X	—	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	3.40 (7.5)	3890SLC
1/2	1/2	90°	X	—	—	1/2" 8/2 to 8/3	17.02 -19.94 (0.670 - 0.785)	4.99 (11.0)	5090SLC

## Dimensions in Millimeters (Inches)



Catalog Number	A	B	C	D
38SLC	23.8 (0.94)	20.8 (0.82)	37.3 (1.47)	—
38SLC0W	39.0 (1.54)	24.9 (0.98)	9.35 (0.37)	28.0 (1.10)
3838SLC	53.3 (2.10)	40.1 (1.58)	15.0 (0.59)	22.3 (0.88)
3890SLC	49.0 (1.93)	31.4 (1.24)	15.0 (0.59)	52.2 (2.06)
5090SLC	39.0 (1.54)	24.9 (0.98)	9.35 (0.37)	28.0 (1.10)

# NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit

NEC/CEC:  
Listed for Ordinary Locations

## SC: Straight Squeeze Type Connector

### Application

- These squeeze type connectors are used to terminate flexible metal conduit to a 1/2" knockout in a dry location box or enclosure.

### Features

- Male hub threads — NPS.
- 1/2" and 3/4" available with insulated throat.
- Furnished with locknut.
- Combination head screws on SC-38, SC(l)-50 and SC(l)-75.

### Standard Material

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

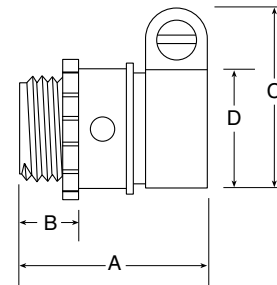
### Note:

- SC-38, SC-50, SC-125, SC-150 and SC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
- SC-75, SC-200, SC-300 and SC-350 listed for use with regular wall steel and aluminum flexible metal conduit.



SC-38

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Inside Diameter Range		Catalog Number	Insulated Throat Catalog Number
	A	B	C	D (max)	D (min)		
3/8 (1/2 knockout)	38.1 (1.50)	12.2 (0.48)	26.9 (1.06)	16.5 (0.65)	13.5 (0.53)	SC-38	—
1/2	38.1 (1.50)	12.2 (0.48)	34.3 (1.35)	25.4 (1.00)	22.4 (0.88)	SC-50	SCI-50
3/4	40.9 (1.61)	12.7 (0.50)	39.9 (1.57)	29.5 (1.16)	23.9 (0.94)	SC-75	SCI-75
1	44.5 (1.75)	14.0 (0.55)	50.0 (1.97)	35.1 (1.38)	31.8 (1.25)	SC-100	—
1-1/4	48.8 (1.92)	15.5 (0.61)	56.6 (2.23)	41.4 (1.63)	38.1 (1.50)	SC-125	—
1-1/2	53.1 (2.09)	18.0 (0.71)	64.0 (2.52)	50.8 (2.00)	44.5 (1.75)	SC-150	—
2	59.7 (2.35)	18.5 (0.73)	77.7 (3.06)	63.5 (2.50)	56.4 (2.22)	SC-200	—
2-1/2	73.4 (2.89)	22.6 (0.89)	98.0 (3.86)	77.7 (3.06)	69.9 (2.75)	SC-250	—
3	98.8 (3.89)	25.4 (1.00)	112.3 (4.42)	90.4 (3.56)	81.8 (3.22)	SC-300	—
3-1/2	107.7 (4.24)	25.1 (0.99)	124.0 (4.88)	103.1 (4.06)	94.5 (3.72)	SC-350	—
4	115.6 (4.55)	25.4 (1.00)	138.7 (5.46)	114.3 (4.50)	105.7 (4.16)	SC-400	—

# NEER™ Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

**NEC/CEC:**  
Listed for Ordinary Locations

## AC: 90° Two Screw Clamp

### Application

- To make a 90° termination of conduit or cable to a knockout or unthreaded slip hole in a dry location box or enclosure.

### Features

- Male hub threads — NPS.
- All center stopped.
- Furnished with locknut.
- Available with insulated throat.
- Combination head screws on AC(I)-90 thru AC(I)-96.

### Standard Material/Finish

- Body: zinc diecast
- Cover: steel/zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25014
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

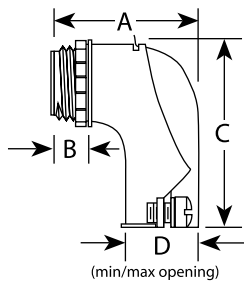


AC-90

**Note:**

- AC-90 through AC-400-D listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
- AC-90 and ACI-90 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in)) to 10-3 AWG (nominal O.D. 14.7mm (0.58in)) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in)) to 10-3 AWG (nominal O.D. 15.2mm (0.60in)) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in)) to 10-3 AWG (nominal O.D. 15.2mm (0.60in)) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in)) to 10-3 AWG (nominal O.D. 15.5mm (0.61in)) aluminum interlocking metal clad cable (MCI); 10-2 AWG (nominal O.D. 11.4mm (0.45in)) to 10-4 AWG (nominal O.D. 13.7mm (0.54in)) aluminum interlocking metal clad cable, grounding type (MCI-A).
- AC-95 and ACI-95 listed for use with 8-2 AWG (nominal O.D. 16.8mm (0.66in)) to 8-3 AWG (nominal O.D. 19.3mm (0.76in)) steel armored cable (AC); 8-2 AWG (nominal O.D. 17.8mm (0.70in)) to 8-3 AWG (nominal O.D. 20.1mm (0.79in)) aluminum armored cable (AC); 8-2 AWG (nominal O.D. 17.3mm (0.68in)) to 8-3 AWG (nominal O.D. 19.3mm (0.76in)) steel interlocking metal clad cable (MCI); 8-2 AWG (nominal O.D. 17.3mm (0.68in)) to 8-3 AWG (nominal O.D. 19.8mm (0.78in)) aluminum interlocking metal clad cable (MCI).

### Illustrated Dimensions



### Dimensions in Millimeters (Inches)

Trade Size (Inches)	A	B	C	D	Catalog Number	Insulated Throat Catalog Number
				Min. – Max.		
3/8 (1/2 knockout)	28.4 (1.12)	12.2 (0.48)	45.2 (1.78)	0.78/19.8 (0.45/11.4)	<b>AC-90</b>	<b>ACI-90</b>
1/2	38.4 (1.51)	10.7 (0.42)	53.8 (2.12)	1.15/29.2 (0.70/17.8)	<b>AC-95</b>	<b>ACI-95</b>
3/4	43.2 (1.70)	11.2 (0.44)	53.1 (2.09)	1.40/35.6 (0.98/24.9)	<b>AC-96</b>	<b>ACI-96</b>
1	59.2 (2.33)	13.7 (0.54)	72.9 (2.87)	1.73/43.9 (1.09/27.7)	<b>AC-97</b>	—
1-1/4	69.9 (2.75)	16.3 (0.64)	101.6 (4.00)	1.97/50.0 (1.34/34.0)	<b>AC-98</b>	—
1-1/2	95.3 (3.75)	19.1 (0.75)	152.4 (6.00)	2.61/66.3 (1.65/41.9)	<b>AC-985</b>	—
2	101.6 (4.00)	18.8 (0.74)	152.4 (6.00)	2.54/64.5 (1.54/39.1)	<b>AC-99</b>	—
2-1/2	155.4 (6.12)	22.1 (0.87)	182.6 (7.19)	2.98/75.7 (2.45/62.2)	<b>AC-250-D</b>	—
3	170.2 (6.70)	26.2 (1.03)	199.9 (7.87)	3.45/87.6 (2.93/74.4)	<b>AC-300-D</b>	—
3-1/2	190.5 (7.50)	26.2 (1.03)	238.8 (9.40)	3.95/100.3 (3.28/83.3)	<b>AC-350-D</b>	—
4	221.0 (8.70)	26.2 (1.03)	259.1 (10.2)	4.42/112.3 (3.68/93.5)	<b>AC-400-D</b>	—

# NEER™ Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## DC-5500: Duplex, Single Screw, Clamp Type

### Application

- To make a termination of flexible metal conduit to a knockout or unthreaded slip hole in a dry location box or enclosure.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Combination head screw.

### Standard Material

- Zinc diecast

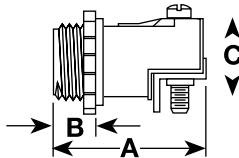
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



DC-5500

### Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Body Length	Thread Length	Diameter	Catalog Number
3/8 (1/2 knockout)	38.1 (1.50)	10.9 (0.43)	21.6 (0.85)	DC-5500

Note:

- DC-5500 listed for use with 9.7mm (0.38in) regular and reduced wall steel an aluminum flexible metal conduit.
- DC-5500 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-2 AWG (nominal O.D. 14.7mm (0.58in) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 9.4mm (0.37in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) aluminum interlocking metal clad cable, grounding type (MCI-A).

## C-510: Two Screw Connectors

### Application

- To terminate regular wall steel or aluminum flexible conduit to a 1/2" knockout in a dry box or enclosure.

### Features

- End stopped.
- Male hub threads — NPS.
- Furnished with locknut.
- Combination head screw.

### Standard Material

- Zinc diecast

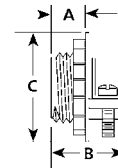
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C-510

### Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Body Length	Thread Length	Diameter	Catalog Number
3/8 (1/2 knockout)	22.1 (0.87)	9.4 (0.37)	23.1 (0.91)	C-510

Note:

- C-510 listed for use with 9.7mm (0.38in) regular and reduced wall steel an aluminum flexible metal conduit.
- C-510 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-2 AWG (nominal O.D. 15.2mm (0.60in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-2 AWG (nominal O.D. 14.5mm (0.57in) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 9.4mm (0.37in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) aluminum interlocking metal clad cable, grounding type (MCI-A).

# NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit

COMMERCIAL AND INDUSTRIAL FITTINGS: ARMORED CABLE, METAL CLAD, FLEXIBLE METAL CONDUIT AND NONMETALLIC CONNECTORS

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## FC: Set Screw Type Connectors

### Application

- To terminate 1/2" regular wall steel or aluminum flexible conduit to a 1/2" knockout in a dry location box or enclosure.

### Feature

- Furnished with locknut.

### Standard Material

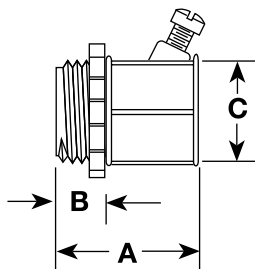
- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	38.1 (1.50)	10.2 (0.40)	30.2 (1.19)	<b>FC-5501</b>

GC Note:

- GC-38 through GC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.

## GC: Screw-In Connectors

### Application

- Screw-in type connectors for flexible metal conduit.

### Feature

- Furnished with locknut.

### Standard Material

- Zinc diecast

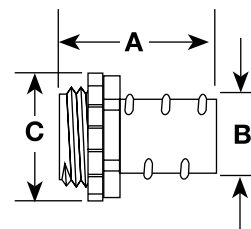
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



GC-38

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
<b>Without Insulated Throat</b>				
3/8 (1/2 knockout)	33.0 (1.30)	9.7 (0.38)	23.4 (0.92)	<b>GC-38</b>
1/2	34.8 (1.37)	16.0 (0.63)	23.4 (0.92)	<b>GC-50</b>
3/4	41.4 (1.63)	21.1 (0.83)	28.7 (1.13)	<b>GC-75</b>
1	49.3 (1.94)	28.4 (1.12)	43.4 (1.71)	<b>GC-100</b>
1-1/4	53.8 (2.12)	35.8 (1.41)	53.8 (2.12)	<b>GC-125</b>
1-1/2	58.7 (2.31)	43.2 (1.70)	60.2 (2.37)	<b>GC-150</b>
2	65.8 (2.59)	55.4 (2.18)	76.2 (3.00)	<b>GC-200</b>
<b>Insulated Throat</b>				
3/8 (1/2 knockout)	35.1 (1.38)	9.7 (0.38)	23.4 (0.92)	<b>GCI-38</b>
1/2	37.1 (1.46)	16.0 (0.63)	23.4 (0.92)	<b>GCI-50</b>
3/4	43.4 (1.71)	21.1 (0.83)	28.7 (1.13)	<b>GCI-75</b>

# NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit to Flexible Metal Conduit

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- Screw-in type connectors used to join lengths of flexible metal conduit.

## Standard Material

- Zinc diecast

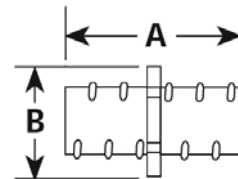
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



GX-50

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	45.5 (1.79)	24.6 (0.97)	GX-50
3/4	53.3 (2.10)	30.7 (1.21)	GX-75
1	61.2 (2.41)	37.3 (1.47)	GX-100
1-1/4	70.1 (2.76)	48.0 (1.89)	GX-125
1-1/2	78.0 (3.07)	57.9 (2.28)	GX-150
2	83.3 (3.28)	72.1 (2.84)	GX-200

# NEER™ Zinc Cable Connectors

**NEC/CEC:**  
Listed for Ordinary Locations

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## TA-38: Saddle Clamp

### Application

- To terminate armored cable, metal clad cable or nonmetallic sheathed cable in a 1/2" knockout in a dry location box or enclosure.

### Feature

- Furnished with locknut.

### Standard Material

- Zinc diecast

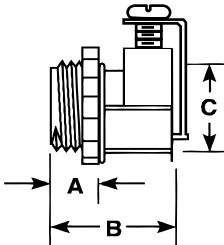
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25014
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TA-38

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
3/8 (1/2 knockout)	9.1 (0.36)	22.9 (0.90)	16.5 (0.65)	<b>TA-38</b>

**Note:**

- TA-38 is listed for use with 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-3 AWG (nominal O.D. 14.9mm (0.59in) aluminum armored cable (AC); 12.2mm (0.48in) to 15.2mm (0.60in) O.D. steel interlocking metal clad cable (MCI); 11.9mm (0.47in) to 15.5mm (0.61in) O.D. aluminum interlocking metalclad cable (MCI); 11.4mm (0.45in) to 14.7mm (0.58in) O.D. aluminum interlocking metal clad cable, grounding type (MCI-A); 12-2 AWG to 10-3 AWG nonmetallic sheathed cable.

## C-550: Set Screw

### Application

- To terminate armored cable or metal clad cable in a 1/2" knockout in a dry location box or enclosure.

### Feature

- Furnished with locknut.

### Standard Material

- Zinc diecast

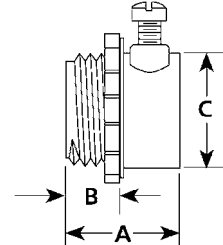
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C-550

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
3/8 (1/2 knockout)	19.8 (0.78)	9.1 (0.36)	23.6 (0.93)	<b>C-550</b>

**Note:**

- C-550 is listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-2 AWG (nominal O.D. 15.2mm (0.60in) steel armored cable (AC) and 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI).



# NEER™ Connectors for Nonmetallic Sheathed Cable

NEC/CEC:  
Listed for Ordinary Locations

## Application

- Open throat type for nonmetallic sheathed cable.

## Features

- Furnished with locknut.
- Male hub threads — NPS.

## Standard Material/Finish

- Body: zinc diecast
- Clamp: steel/zinc plated
- Screw: steel/zinc plated

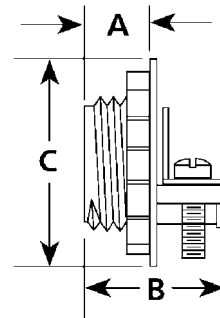
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C-500

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Nm Cable Range	Catalog Number
	A	B	C		
3/8 (1/2 knockout)	9.1 (0.36)	20.6 (0.81)	23.1 (0.91)	14-2 to 12-2	C-500
3/4	10.7 (0.42)	23.9 (0.94)	30.5 (1.20)	10-3 to 8-2	C-750
1	13.0 (0.51)	28.2 (1.11)	38.4 (1.51)	10-3 to 4-2	C-1001-R

**Note:**

- All connectors listed for use with a single cable only except for the C-500 which is also listed for use with two 14-2 AWG or two 12-2 AWG NM cables. C-500 also listed for flexible cord with a diameter range of 0.29in./ 7.4mm. to 0.45in./11.4mm.

# NEER™ Connectors for Nonmetallic Sheathed Cable

**NEC/CEC:**  
Rated for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## RX: Two Piece Nonmetallic Sheathed Cable Two Screw Connector

### Applications

- To terminate one or more nonmetallic sheathed cables to a knockout in a dry location box or enclosure.
- Used in "old work" locations.

### Standard Material/Finish

- Steel/zinc plated



RX-50

## NST: Plastic Nonmetallic Sheathed Cable Connector

### Applications

- These PVC connectors are used to terminate nonmetallic sheathed cable to 1/2" knockout in a dry location box or enclosure.

### Standard Material

- PVC

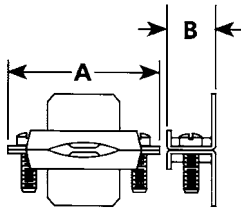
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18
- CSA Certified: 229356
- NEMA: FB-1

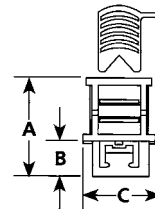


NST-50

### Illustrated Dimensions



### Illustrated Dimensions



Trade Size (Inches) EMT to Flex.	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	33.8 (1.33)	16.3 (0.64)	RX-50
3/4 or 1	44.5 (1.75)	19.3 (0.76)	RX-75
1-1/4	57.2 (2.25)	21.6 (0.85)	RX-125
1-1/2 or 2	69.3 (2.73)	21.3 (0.84)	RX-150

Trade Size (Inches) EMT to Flex.	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	34.8 (1.37)	12.2 (0.48)	25.4 (1.00)	NST-50

**Note:**

- NST-50 is listed for use with one 14-2, 14-3, 12-2, 12-3, 10-2 or 10-3 nonmetallic sheathed cable or two 14-2, 14-3 or 12-2 nonmetallic sheathed cables.

# NEER™ Anti-Short Bushings

NEC/CEC:  
Rated for Ordinary Locations

## AS: Thermoplastic

### Applications

- These anti-short bushings are used in the terminations of flexible metal conduit and armored cables. Insert into inside diameter of each termination point to protect the conductors from the sharp edges of the raceway where cut.

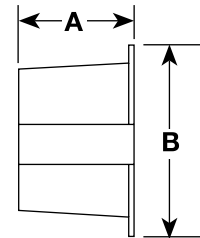
### Standard Material

- Plastic



AS-0

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		For Cable Sizes	Catalog Number
	A	B		
<b>Bagged (Packed in Printed Polybags)</b>				
5/16	14.7 (0.57)	16.3 (0.64)	14-2, 14-3, 12-2, Armored Cable; 5/169 Flexible Conduit	AS-0-100
3/8	17 (0.67)	16.8 (0.66)	14-4, 12-3, 6-1, 4-1, Armored Cable; 3/89 Flexible Conduit	AS-1-100
7/16	15.5 (0.61)	20.8 (0.82)	12-4, 10-2, 10-3, 2-1, Armored Cable; 7/169 Flexible Conduit	AS-2-100
1/2	17 (0.67)	23.9 (0.94)	10-4, 8-2, 8-3, 1-1, Armored Cable; 1/29 Flexible Conduit	AS-3-50
3/4	20.1 (0.79)	29.5 (1.16)	8-4, 6-2, 6-3, Armored Cable; 3/49 Flexible Conduit	AS-4-50

# NEER™ EMT Straps

For EMT.

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## 1901 and 1807: One Hole Click-On

### Application

- Click-on type one hole straps for EMT provides support for conduit, as required by the National Electrical Code.

### Material/Finish

- Steel/zinc plated

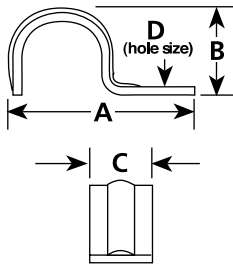
### NEC/CEC Certifications and Compliances

- UL Standard: 2239
- 1901 through 1906 UL Listed: E333806
- CSA Standard: C22.2 18.4
- 1901 through 1903 cUL Listed: E333806



1901

### Illustrated Dimensions



## TH-1901 and TH-1807: Two Hole Snap-On

### Application

- Snap-on type two hole straps for EMT are used where higher load bearing supports are desired.

### Material/Finish

- Steel/zinc plated

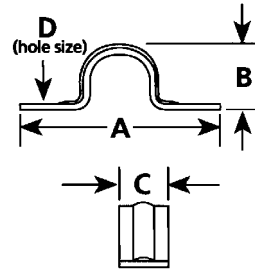
### NEC/CEC Certifications and Compliances

- TH-1901 through TH-1905
- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 18.4
- cUL Listed: E333806



TH-1901

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	41.7 (1.64)	20.3 (0.80)	14.5 (0.57)	7.1 (0.28)	1901
3/4	49.8 (1.96)	24.9 (0.98)	16.0 (0.63)	7.1 (0.28)	1902
1	56.4 (2.22)	28.7 (1.13)	19.1 (0.75)	7.1 (0.28)	1903
1-1/4	72.6 (2.86)	38.1 (1.50)	22.1 (0.87)	9.7 (0.38)	1904
1-1/2	79.8 (3.14)	44.5 (1.75)	25.1 (0.99)	9.7 (0.38)	1905
2	98.8 (3.89)	50.8 (2.00)	28.2 (1.11)	11.2 (0.44)	1906
2-1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	1807
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	1808
3-1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	1809
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	1810

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	55.1 (2.17)	18.3 (0.72)	14.2 (0.56)	4.8 (0.19)	TH-1901
3/4	68.8 (2.71)	23.1 (0.91)	15.5 (0.61)	4.8 (0.19)	TH-1902
1	78.7 (3.10)	28.4 (1.12)	17.3 (0.68)	4.8 (0.19)	TH-1903
1-1/4	94.0 (3.70)	36.6 (1.44)	18.8 (0.74)	6.4 (0.25)	TH-1904
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	TH-1905
2	122.7 (4.83)	54.1 (2.13)	25.4 (1.00)	9.7 (0.38)	TH-1906
2-1/2	151.9 (5.98)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	TH-1807
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	TH-1808
3-1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	TH-1809
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	TH-1810

# NEER™ Cable Straps

NEC/CEC:  
Rated for Ordinary Locations

## MS and BX: Armored Cable Straps

### Applications

- These one hole straps provide support for runs of armored cable.

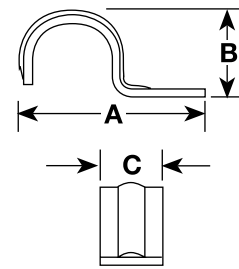
### Standard Material/Finish

- Steel/zinc plated



MS-4

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/4	25.4 (1.00)	12.7 (0.50)	6.9 (0.27)	MS-4
3/8	32.5 (1.28)	12.7 (0.50)	12.4 (0.49)	BX-50

# ETP™ 4000S Series Steel EMT Set Screw Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceways to boxes and enclosures.

## Features

- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Three-way combination screws 1/2" thru 2".
- Slotted hexhead screw 2-1/2" thru 4".
- Insulated throat connector rated +90 °C (+194 °F).
- 2-1/2" thru 4" rated for threadless Aluminum RMC and steel IMC.

## Materials/Finish

- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E-14895
- CSA Certified: 028507
- NEMA: FB-1



4050S-4100S



4125S - 4400S

### Dimensions in Millimeters (Inches)

Trade Size (Inches)	Body Length	Maximum Diameter	Thread Length	Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
1/2	26.2 (1.03)	21.3 (0.84)	11.2 (0.44)	4.54 (10.00)	4050S	4050ST
3/4	27.7 (1.09)	27.4 (1.08)	11.2 (0.44)	6.80 (15.00)	4075S	4075ST
1	30.2 (1.19)	33.3 (1.31)	11.2 (0.44)	10.43 (23.00)	4100S	4100ST
1-1/4	44.5 (1.75)	42.9 (1.69)	14.2 (0.56)	19.05 (42.00)	4125S	4125ST
1-1/2	49.3 (1.94)	49.3 (1.94)	14.2 (0.56)	24.04 (53.00)	4150S	4150ST
2	55.6 (2.19)	60.5 (2.38)	16.0 (0.63)	34.02 (75.00)	4200S	4200ST
2 - 1/2	60.5 (2.38)	79.5 (3.13)	22.4 (0.88)	58.97 (130.00)	4250S	4250ST
3	73.2 (2.88)	95.3 (3.75)	22.4 (0.88)	104.33(230.00)	4300S	4300ST
3 - 1/2	76.2 (3.00)	108.0 (4.25)	25.4 (1.00)	113.40 (250.00)	4350S	4350ST
4	81.0 (3.19)	120.7 (4.75)	25.4 (1.00)	113.40 (250.00)	4400S	4400ST

# ETP™ 5000S Steel EMT Set Screw Couplings

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway sections together.

## Features

- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Three-way combination screws 1/2" thru 2".
- Slotted hexhead screw 2-1/2" thru 4".
- 2-1/2" thru 4" rated for threadless aluminum RMC and steel IMC.

## Material/Finish

- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 2) E-14895, E-11853
- UL Listed: (2-1/2 - 4) E-11853
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E-14895
- CSA Certified: 028507
- NEMA: FB-1



5050S — 5100S



5125S — 5400S

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Body Length	Maximum Diameter			
1/2	44.5 (1.75)	21.3 (0.84)		4.54 (10.00)	5050S
3/4	54.1 (2.13)	27.4 (1.08)		7.26 (16.00)	5075S
1	63.5 (2.50)	33.3 (1.31)		1.34 (25.00)	5100S
1-1/4	82.6 (3.25)	42.9 (1.69)		0.41 (45.00)	5125S
1-1/2	95.3 (3.75)	49.3 (1.94)		7.22 (60.00)	5150S
2	101.6 (4.00)	60.5 (2.38)		7.19 (82.00)	5200S
2 - 1/2	108.0 (4.25)	79.5 (3.13)		5.30 (166.0)	5250S
3	114.3 (4.50)	95.3 (3.75)		6.62 (213.0)	5300S
3 - 1/2	120.7 (4.75)	108.0 (4.25)		7.93 (260.0)	5350S
4	127.0 (5.00)	120.7 (4.75)		6.08 (300.0)	5400S

# ETP™ 7000S Series Steel EMT Compression Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceways to boxes and enclosures.

## Features

- Male hub threads — NPS.
- Available with insulated throat.
- Concretetight.
- Insulated throat connector rated +90 °C (+194 °F).

## Materials/Finish

- Body and nut: steel
- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14815, E-14814
- cUL Listed: E14815
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



7050S –7400St

### Dimensions in Millimeters (Inches)

Trade Size (Inches)	Body Length	Maximum Diameter	Thread Length	Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
1/2	28.7 (1.13)	26.9 (1.06)	9.7 (0.38)	6.80 (15.00)	7050S	7050ST
3/4	26.2 (1.03)	31.8 (1.25)	11.2 (0.44)	9.53 (21.00)	7075S	7075ST
1	31.8 (1.25)	39.6 (1.56)	11.2 (0.44)	14.51 (32.00)	7100S	7100ST
1-1/4	46.0 (1.81)	50.8 (2.00)	14.2 (0.56)	32.66 (72.00)	7125S	7125ST
1-1/2	50.8 (2.00)	55.6 (2.19)	14.2 (0.56)	38.56 (85.00)	7150S	7150ST
2	57.2 (2.25)	68.3 (2.69)	17.5 (0.69)	56.25 (124.00)	7200S	7200ST
2 - 1/2 ①	60.5 (2.38)	84.8 (3.34)	22.4 (0.88)	72.57 (160.00)	7250S	7250ST
3 ①	73.2 (2.88)	101.6 (4.00)	22.4 (0.88)	120.20 (265.00)	7300S	7300ST
3 - 1/2 ①	76.2 (3.00)	114.3 (4.50)	25.4 (1.00)	192.78 (425.00)	7350S	7350ST
4 ①	81.0 (3.19)	128.5 (5.06)	25.4 (1.00)	272.16 (600.00)	7400S	7400ST

① Rated for steel EMT, aluminum and steel RMC, and steel IMC.



# ETP™ 6000S Steel EMT Compression Couplings

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway sections together.

## Features

- Concretetight.
- Raintight (wet locations) Canada.

## Material/Finish

- Body and nut: steel.
- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- cUL Listed: E-14895, E14815
- CSA Certified: 009795
- NEMA: FB-1



6050S – 6400S

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Catalog Number
	Body Length	Maximum Diameter		
1/2	35.1 (1.38)	21.3 (0.84)	8.6 (19.00)	6050S
3/4	38.1 (1.50)	35.1 (1.38)	11.3 (25.00)	6075S
1	42.2 (1.66)	33.3 (1.31)	17.7 (39.00)	6100S
1-1/4	63.5 (2.50)	42.9 (1.69)	39.9 (88.00)	6125S
1-1/2	63.5 (2.50)	49.3 (1.94)	47.2 (104.00)	6150S
2	63.5 (2.50)	60.5 (2.38)	67.6 (149.00)	6200S
2 - 1/2	108.0 (4.25)	79.5 (3.13)	108.9 (240.00)	6250S
3	114.3 (4.50)	95.3 (3.75)	158.8 (350.00)	6300S
3 - 1/2	120.7 (4.75)	108.0 (4.25)	215.5 (475.00)	6350S
4	127.0 (5.00)	120.7 (4.75)	272.2 (600.00)	6400S

# ETP™ 4000US Series Steel EMT Set Screw Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceways to boxes and enclosures.

## Features

- Made in the U.S.A.
- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Three-way combination screws 1/2" thru 2".
- Hexhead screw 2-1/2" thru 4".
- Insulated throat connector rated +90 °C (+194 °F).

## Materials/Finish

- Steel/zinc plated 1/2" thru 2"
- Malleable Iron 2-1/2" thru 4"

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 -2) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 -2) E-14895
- NEMA: FB-1



4050US – 4200US



4250US – 4400US

Dimensions in Millimeters (Inches)

Trade Size (Inches)	Body Length	Maximum Diameter	Thread Length	Catalog Number	Insulated Throat Catalog Number
1/2	29.5 (1.16)	25.4 (1.00)	9.7 (0.38)	4050US	4050UST
3/4	31.0 (1.22)	31.0 (1.22)	10.4 (0.41)	4075US	4075UST
1	38.1 (1.50)	38.1 (1.50)	11.2 (0.44)	4100US	4100UST
1-1/4	42.9 (1.69)	48.5 (1.91)	12.7 (0.50)	4125US	4125UST
1-1/2	48.5 (1.91)	54.9 ( 2.16)	13.5 (0.53)	4150US	4150UST
2	50.8 (2.00)	67.9 (2.66)	15.0 (0.59)	4200US	4200UST
2 - 1/2	66.8 (2.63)	95.3 (3.75)	31.8 (1.25)	4250US	4250UST
3	77.7 (3.06)	115.8 (4.56)	35.1 (1.38)	4300US	4300UST
3 - 1/2	77.7 (3.06)	144.5 (5.69)	35.8 (1.41)	4350US	4350UST
4	84.8 (3.34)	145.3 (5.72)	38.1 (1.50)	4400US	4400UST

# ETP™ 5000US Steel EMT Set Screw Couplings

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway sections together.

## Features

- Made in the U.S.A.
- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Three-way combination screws 1/2" thru 2".
- Hexhead screws 2-1/2" thru 4".

## Material/Finish

- Steel/zinc plated 1/2" thru 2"
- Malleable Iron 2-1/2" thru 4"

## NEC/GEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 2) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 - 2) E14815
- NEMA: FB-1



5050US — 5100US



5125US — 5400US

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Body Length	Maximum Diameter	Catalog Number
1/2	38.1 (1.50)	22.4 (0.88)	5050US
3/4	38.1 (1.50)	28.7 (1.13)	5075US
1	47.8 (1.88)	35.8 (1.41)	5100US
1-1/4	55.6 (2.19)	44.5 (1.75)	5125US
1-1/2	65.8 (2.59)	51.6 (2.03)	5150US
2	68.3 (2.69)	63.5 (2.50)	5200US
2 - 1/2	69.9 (2.75)	80.1 (3.15)	5250US
3	79.5 (3.13)	75.8 (2.98)	5300US
3 - 1/2	80.3 (3.16)	88.5 (3.48)	5350US
4	85.9 (3.38)	95.3 (3.75)	5400US

# ETP™ 7000US Series Steel EMT Compression Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceways to boxes and enclosures.

## Features

- Made in the U.S.A.
- Male hub threads — NPS.
- Available with insulated throat.
- Concretetight.
- Insulated throat temperature rated +90 °C (+194 °F).

## Materials/Finish

- Steel/zinc plated 1/2" thru 2"
- Malleable Iron 2-1/2" thru 4"

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895, E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14815
- CSA Certified: 028507
- NEMA: FB-1



7050US –7200US



7250US –7400US

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Body Length	Maximum Diameter	Thread Length		
1/2	26.9 (1.06)	24.6 (0.97)	9.7 (0.38)	7050US	7050UST
3/4	28.7 (1.13)	31.0 (1.22)	10.4 (0.41)	7075US	7075UST
1	31.8 (1.25)	38.1 (1.50)	11.2 (0.44)	7100US	7100UST
1-1/4	36.6 (1.44)	48.5 (1.91)	12.7 (0.50)	7125US	7125UST
1-1/2	39.6 (1.56)	54.9 (2.16)	13.5 (0.53)	7150US	7150UST
2	42.9 (1.69)	68.3 (2.69)	15.0 (0.59)	7200US	7200UST
2 - 1/2	103.1 (4.06)	104.9 (4.13)	31.8 (1.25)	7250US	7250UST
3	104.9 (4.13)	119.1 (4.69)	35.1 (1.38)	7300US	7300UST
3 - 1/2	108.0 (4.25)	135.6 (5.34)	35.8 (1.41)	7350US	7350UST
4	114.3 (4.50)	149.4 (5.88)	38.1 (1.50)	7400US	7400UST

# ETP™ 6000US Steel EMT Compression Couplings

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway sections together.

## Features

- Made in the U.S.A.
- Concretetight.
- Raintight (wet locations) Canada.

## Material/Finish

- Body and nut: steel.
- Steel/zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 3) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 - 3) E14815
- NEMA: FB-1



6050S — 6200US



6250US — 6400US

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Body Length	Maximum Diameter		
1/2	34.0 (1.34)	0.97 (24.6)		6050US
3/4	34.0 (1.34)	31.0 (1.22)		6075US
1	35.8 (1.41)	38.1 (1.50)		6100US
1-1/4	44.5 (1.75)	48.5 (1.91)		6125US
1-1/2	47.8 (1.88)	54.9 (2.16)		6150US
2	54.1 (2.13)	68.3 (2.69)		6200US
2 - 1/2	139.7 (5.50)	104.9 (4.13)		6250US
3	139.7 (5.50)	119.1 (4.69)		6300US
3 - 1/2	143.0 (5.63)	135.6 (5.34)		6350US
4	146.1 (5.75)	149.4 (5.88)		6400US

# ETP™ Raintight 700GSR Series Gland Compression Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway to boxes and enclosures in wet conditions.

## Features

- UL Listed Raintight.
- Green compression nut identifies the fitting as raintight.
- No disassembly required.
- Male hub threads — NPS.
- Available with and without insulated throat.
- Concretetight.

## Materials/Finish

- Body and nut: steel
- Knockout sealing ring: EPDM rubber
- Body and nut: zinc electroplate

## NEC Certifications and Compliances

- UL Standard: 514B
- cULus Listed: E-14895
- cULus Listed Raintight



7100GSR



7100GSRT

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	
	Body Length	Maximum Diameter	Thread Length	Weight per 100 kg (lb)	Without Insulated Throat	Insulated Throat
1/2	36.6 (1.44)	27.9 (1.10)	8.6 (0.34)	4.5 (10)	7050GSR	7050GSRT
3/4	38.1 (1.50)	34.5 (1.36)	8.6 (0.34)	6.8 (15)	7075GSR	7075GSRT
1	44.5 (1.75)	34.5 (1.36)	9.9 (0.39)	10.0 (22)	7100GSR	7100GSRT
1-1/4	50.8 (2.00)	52.6 (2.07)	10.2 (0.40)	16.3 (36)	7125GSR	7125GSRT
1-1/2	50.8 (2.00)	58.7 (2.31)	10.2 (0.40)	18.1 (40)	7150GSR	7150GSRT
2	58.9 (2.32)	70.9 (2.79)	10.4 (0.41)	24.5 (54)	7200GSR	7200GSRT
2-1/2	91.9 (3.62)	92.2 (3.63)	16.5 (0.65)	68.0 (150)	7250GSR	7250GSRT
3	95.3 (3.75)	109.0 (4.29)	16.5 (0.65)	83.9 (185)	7300GSR	7300GSRT
3-1/2	97.8 (3.85)	121.9 (4.80)	18.3 (0.72)	97.5 (215)	7350GSR	7350GSRT
4	99.1 (3.90)	133.9 (5.27)	18.3 (0.72)	108.0 (238)	7400GSR	7400GSRT

# ETP™ Raintight 6000GSR Series Gland Compression Couplings

NEC/CEC:  
Listed for Ordinary Locations

## Application

- To ground and secure EMT raceway sections together in wet locations.

## Features

- UL Listed Raintight.
- Green compression nut identifies the fitting as raintight.
- No disassembly required.
- Concretetight.

## Materials/Finish

- Body and nut: steel
- Zinc electroplated

## NEC Certifications and Compliances

- UL Standard: 514B
- cULus Listed: E-14895
- cULus Listed Raintight



6050GSR – 6400GSR

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Weight per 100 kg (lb)	Catalog Number
	Body Length	Maximum Diameter		
1/2	45.7 (1.80)	27.9 (1.10)	5.4 (12)	6050GSR
3/4	49.0 (1.93)	34.5 (1.36)	8.2 (18)	6075GSR
1	54.6 (2.15)	41.4 (1.63)	11.8 (26)	6100GSR
1-1/4	61.7 (2.43)	52.6 (2.07)	19.1 (42)	6125GSR
1-1/2	63.5 (2.50)	59.0 (2.31)	20.9 (46)	6150GSR
2	74.9 (2.95)	71.0 (2.79)	27.2 (60)	6200GSR
2-1/2	104.1 (4.10)	92.2 (3.63)	70.8 (156)	6250GSR
3	121.2 (4.77)	109.0 (4.29)	98.9 (218)	6300GSR
3-1/2	130.8 (5.15)	121.9 (4.80)	117.0 (258)	6350GSR
4	141.0 (5.55)	134.0 (5.27)	130.6 (288)	6400GSR

# EMT Transition Couplings

## Combination, Straight, 90°

**NEC:**  
Listed for Ordinary Locations

### Application

- Couplings are used to join lengths of steel EMT to various raceway systems.
- Connectors are used to secure and terminate steel EMT to knockouts and concrete tight box.

### Features


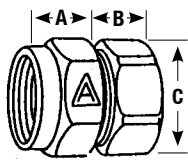

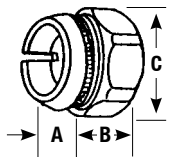

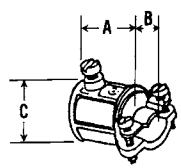

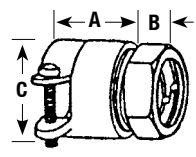
- Compact design.
- No locknut required on the two piece connectors.
- Quick installations.

### Material/Finish

- Steel/malleable iron - Zinc electroplated
- Zinc diecast - natural finish

### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895 (TWLL), E-14814 (TWCC)
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	
		A	B	C			
<b>Combination Couplings – EMT to Rigid Metal Conduit – Steel</b>							
	1/2	17.5 (0.69)	12.7 (0.50)	25.4 (1.00)	4.54 (10.00)	<b>TWR-50</b>	
	3/4	17.5 (0.69)	13.5 (0.53)	32.5 (1.28)	6.80 (15.00)	<b>TWR-75</b>	
	1	22.4 (0.88)	13.5 (0.53)	40.4 (1.59)	7.71 (17.00)	<b>TWR-100</b>	
	1-1/4	24.6 (0.97)	21.3 (0.84)	49.3 (1.94)	18.14 (40.00)	<b>TWR-125</b>	
<b>Connectors – Two Piece – Concrete Tight – Steel</b>							
	1/2	7.9 (0.31)	8.6 (0.34)	26.9 (1.06)	2.72 (6.00)	<b>92T050</b>	
	3/4	7.9 (0.31)	11.2 (0.44)	32.5 (1.28)	3.99 (8.80)	<b>92T075</b>	
	1	8.6 (0.34)	10.4 (0.41)	41.4 (1.63)	5.90 (13.00)	<b>92T100</b>	
<b>Combination Coupling – EMT to Flexible Metal Conduit – Zinc Diecast</b>							
	1/2	32.5 (1.28)	31.8 (1.25)	23.9 (0.94)	3.40 (7.50)	<b>TW38-50DC</b> ①	
<b>Combination Coupling – EMT to Flexible Metal Conduit – Malleable Body/Nut</b>							
	1/2	21.3 (0.84)	16.0 (0.63)	26.9 (1.06)	5.44 (12.00)	<b>TWCC38-50</b> ①	
	1/2	22.4 (0.88)	16.0 (0.63)	26.9 (1.06)	6.58 (14.50)	<b>TWCC-50</b>	
	3/4	26.9 (1.06)	16.8 (0.66)	33.3 (1.31)	11.34 (25.00)	<b>TWCC-75</b>	
	1	30.2 (1.19)	21.3 (0.84)	47.8 (1.88)	27.67 (61.00)	<b>TWCC-100</b>	

① Not UL Listed.



# EMT Transition Couplings

Combination, Straight, 90°

**NEC:**  
Listed for Ordinary Locations

**NEC:**  
Listed for Ordinary Locations

## Type ETR

### Features

- Threaded RMC and IMC to compression EMT
- Concretetight
- NPT female hub

### Standard Materials

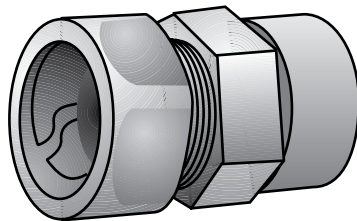
- Malleable iron

### Standard Finishes

- Zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853



## Type ESR

### Features

- Threaded RMC and IMC to Flexible Metal Conduit
- NPT female hub

### Standard Materials

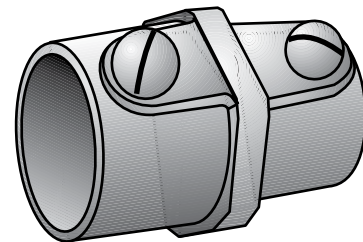
- Malleable iron

### Standard Finishes

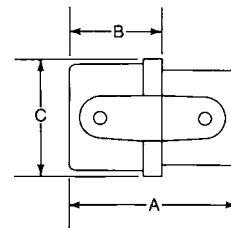
- Zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Length	Max. Dia.	
1/2	35.10 (1.38)	28.70 (1.13)	<b>ETR-50</b>
3/4	23.90 (0.94)	35.10 (1.38)	<b>ETR-75</b>
1	38.10 (1.50)	44.50 (1.75)	<b>ETR-100</b>
1-1/4	47.80 (1.88)	60.50 (2.38)	<b>ETR-125</b>
1-1/2	47.80 (1.88)	63.50 (2.50)	<b>ETR-150</b>
2	58.70 (2.31)	76.20 (3.00)	<b>ETR-200</b>

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	42.93 (1.69)	33.27 (1.31)	31.75 (1.25)	<b>ESR-50</b>
3/4	52.32 (2.06)	28.70 (1.13)	38.10 (1.50)	<b>ESR-75</b>
1	63.50 (2.50)	35.05 (1.38)	45.90 (1.81)	<b>ESR-100</b>

# EMT Angle Set Screw Connectors

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

## Type 8000SS

### Features

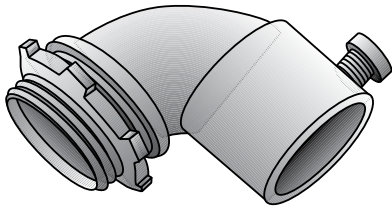
- Male hub threads NPS.

### Standard Materials

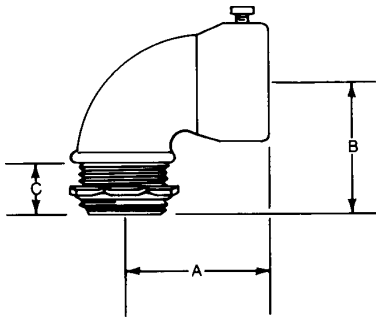
- Malleable iron

### Standard Finishes

- Zinc plated



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	28.70 (1.13)	28.70 (1.13)	12.70 (0.5)	<b>8050SS</b>
3/4	36.58 (1.44)	36.58 (1.44)	11.18 (0.44)	<b>8075SS</b>
1	41.40 (1.63)	41.40 (1.63)	11.18 (0.44)	<b>8100SS</b>

## Type OE

### Features

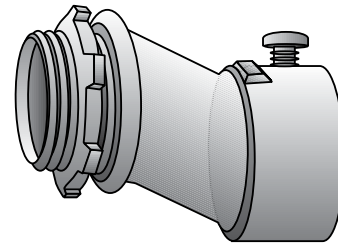
- Male hub threads NPS.

### Standard Materials

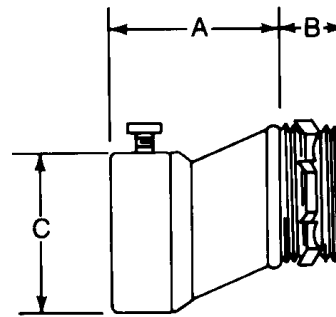
- Malleable iron

### Standard Finishes

- Zinc plated



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	42.93 (1.69)	12.70 (0.5)	16.00 (0.63)	<b>OE-50</b>
3/4	42.93 (1.69)	12.70 (0.5)	16.00 (0.63)	<b>OE-75</b>
1	44.45 (1.75)	14.22 (0.56)	17.53 (0.69)	<b>OE-100</b>

# EMT Angle Compression Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

- Concretetight.
- Male hub threads NPS
- Available with insulated throat

## Standard Materials

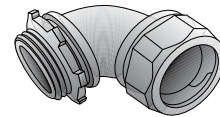
- Malleable iron

## Standard Finishes

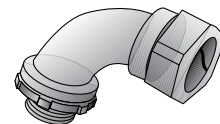
- Zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14895
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795

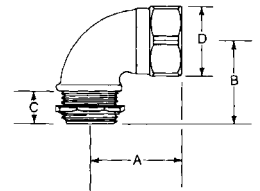


Type 8050W

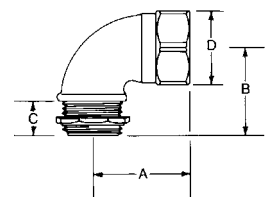


Type 3050W

90° EMT Short Angle Elbows		Dimensions in Millimeters (Inches)					Insulated Throat Catalog Number
Trade Size (Inches)	A	B	C	D	Turning Radius	Catalog Number	
1/2	31.75 (1.25)	28.70 (1.13)	12.70 (0.5)	28.70 (1.13)	16.00 (0.63)	<b>8050W</b>	<b>8050WT</b>
3/4	44.45 (1.75)	36.58 (1.44)	14.22 (0.56)	35.05 (1.38)	17.53 (0.69)	<b>8075W</b>	<b>8075WT</b>
1	44.45 (1.75)	41.40 (1.63)	12.70 (0.50)	44.45 (1.75)	26.92 (1.06)	<b>8100W</b>	—
1-1/4	57.15 (2.25)	54.10 (2.13)	14.22 (0.56)	55.63 (2.19)	28.70 (1.13)	<b>8125W</b>	—
1-1/2	63.50 (2.50)	60.45 (2.38)	14.22 (0.56)	63.50 (2.50)	41.40 (1.63)	<b>8150W</b>	—
2	77.72 (3.06)	74.68 (2.94)	17.53 (0.69)	77.72 (3.06)	63.50 (2.50)	<b>8200W</b>	—



90° EMT Short Angle Elbows		Dimensions in Millimeters (Inches)				Wire Radius	Catalog Number
Trade Size (Inches)	A	B	C	D			
1/2	50.80 (2.00)	49.28 (1.94)	12.70 (0.50)	28.70 (1.13)	31.75 (1.25)	<b>3050W</b>	
3/4	61.98 (2.44)	61.98 (2.44)	16.00 (0.63)	35.05 (1.38)	36.58 (1.44)	<b>3075W</b>	
1	66.80 (2.63)	65.02 (2.56)	17.53 (0.69)	44.45 (1.75)	47.75 (1.88)	<b>3100W</b>	
1-1/4	77.72 (3.06)	76.20 (3.00)	42.93 (1.69)	55.63 (2.19)	57.15 (2.25)	<b>3125W</b>	



# EMT Angle Compression Connectors

NEC/CEC:  
Rated for Ordinary Locations

## Features

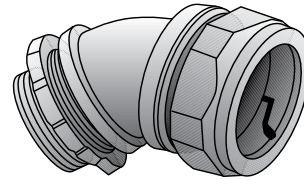
- Male hub threads NPS.

## Standard Materials

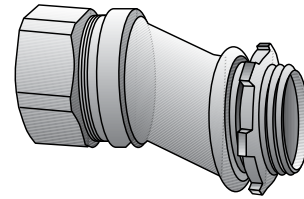
- Malleable iron

## Standard Finishes

- Zinc plated

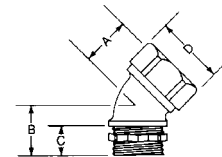


Type 8E

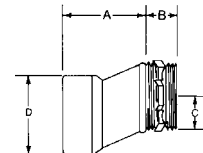


Type OEG

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	Offset C	D	
<b>45° Short Angle Elbows</b>					
1/2	23.88 (0.94)	23.88 (0.94)	12.70 (0.5)	28.70 (1.13)	<b>8E-450</b>
3/4	20.57 (0.81)	31.75 (1.25)	14.22 (0.56)	35.05 (1.38)	<b>8E-475</b>
1	22.35 (0.88)	36.58 (1.44)	16.00 (0.63)	44.45 (1.75)	<b>8E-4100</b>



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	Offset C	D	
<b>Offset Connectors for EMT</b>					
1/2	31.75 (1.25)	12.70 (0.50)	9.65 (0.38)	28.70 (1.13)	<b>OEG-50</b>
3/4	33.27 (1.31)	12.70 (0.50)	9.65 (0.38)	35.05 (1.38)	<b>OEG-75</b>
1	33.27 (1.31)	14.22 (0.56)	9.65 (0.38)	44.45 (1.75)	<b>OEG-100</b>



# EMT Angle Compression Connectors

NEC/CEC:  
Rated for Ordinary Locations

## Application

- Connectors are used to secure and terminate steel EMT to knockouts and concrete tight box.

## Features

- Compact design.
- Quick installations.

## Material/Finish

- Steel/malleable iron - Zinc electroplated

## NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- NEMA: FB-1



Type TWLL



Type TWL

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	
		A	B	C			
<b>Gland Compression 90° Long Connectors – Concrete Tight – Malleable/Steel Nut</b>							
	1/2	47.8 (1.88)	52.3 (2.06)	15.0 (0.59)	14.51 (32.00)	TWLL-50L	
	3/4	55.6 (2.19)	62.0 (2.44)	11.2 (0.44)	22.68 (50.00)	TWLL-75L	
	1	65.8 (2.59)	76.2 (3.00)	11.2 (0.44)	47.63 (105.00)	TWLL-100L	
	1-1/4	71.4 (2.81)	84.1 (3.31)	14.2 (0.56)	61.69 (136.00)	TWLL-125L	
<b>Gland Compression 90° Short Connectors – Concrete Tight – Malleable/Steel Nut</b>							
	1/2	31.0 (1.22)	33.3 (1.31)	10.4 (0.41)	9.07 (20.00)	TWL-50L	
	3/4	33.3 (1.31)	36.6 (1.44)	11.2 (0.44)	13.61 (30.00)	TWL-75L	
	1	41.4 (1.63)	39.6 (1.56)	11.2 (0.44)	24.04 (53.00)	TWL-100L	

# EMT Combination Couplings

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- For compression EMT to flexible steel conduit.

## Standard Materials

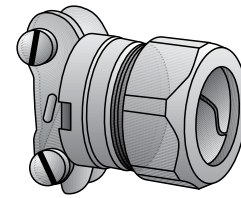
- Malleable iron

## Standard Finishes

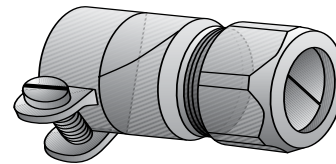
- Zinc plated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795
- NEMA: FB-1

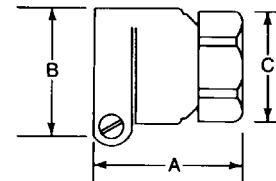


Type 9038-W



Type 9050-W — Type 9200-W

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2 3/8	30.23 (1.19)	36.58 (1.44)	28.70 (1.13)	9038-W ①
1/2	41.40 (1.63)	38.10 (1.50)	31.75 (1.25)	9050-W
3/4	49.28 (1.94)	44.45 (1.75)	38.10 (1.50)	9075-W
1	50.80 (2.00)	55.63 (2.19)	47.75 (1.88)	9100-W
1-1/4	55.63 (2.19)	61.98 (2.44)	57.15 (2.25)	9125-W
1-1/2	74.68 (2.94)	69.85 (2.75)	63.50 (2.50)	9150-W
2	82.55 (3.25)	88.90 (3.50)	77.72 (3.06)	9200-W



① Not UL Listed.

# NEER™ Zinc Gland Compression Connectors and Couplings

For EMT.

**NEC/CEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## TC-600: Couplings

### Application

- To join lengths of steel EMT for concretetight, dry or damp location applications.

### Features

- Concretetight.
- Raintight (wet locations) Canada.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-611

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Body Length	Maximum Diameter		
1/2	43.2 (1.70)	24.9 (0.98)		<b>TC-611</b>
3/4	45.2 (1.78)	30.7 (1.21)		<b>TC-612</b>
1	46.2 (1.82)	38.6 (1.52)		<b>TC-613</b>
1-1/4	53.8 (2.12)	46.5 (1.83)		<b>TC-614</b>
1-1/2	59.7 (2.35)	54.1 (2.13)		<b>TC-615</b>
2	62.7 (2.47)	64.8 (2.55)		<b>TC-616</b>
2 - 1/2 ①	83.3 (3.28)	83.8 (3.30)		<b>TC-617 ①</b>
3 ①	85.1 (3.35)	100.1 (3.94)		<b>TC-618 ①</b>
3 - 1/2 ①	89.9 (3.54)	126.2 (4.97)		<b>TC-619 ①</b>
4	89.9 (3.54)	126.2 (4.97)		<b>TC-620 ①</b>

① For EMT and threadless rigid metal conduit and IMC.

## TC-600: Connectors

### Application

- To secure and terminate steel EMT to knockouts in concretetight box, dry or damp location applications.

### Features

- Male hub threads — NPS.
- Concretetight.
- Available with insulated throat.
- Furnished with locknut.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-601

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	Body Length	Maximum Diameter	Thread Length			
1/2	32.0 (1.26)	10.2 (0.40)	24.9 (0.98)		<b>TC-601</b>	<b>TCI-601</b>
3/4	32.8 (1.29)	10.2 (0.40)	30.7 (1.21)		<b>TC-602</b>	<b>TCI-602</b>
1	36.6 (1.44)	10.9 (0.43)	38.6 (1.52)		<b>TC-603</b>	<b>TCI-603</b>
1-1/4	44.2 (1.74)	16.0 (0.63)	46.5 (1.83)		<b>TC-604</b>	<b>TCI-604</b>
1-1/2	47.2 (1.86)	16.5 (0.65)	54.1 (2.13)		<b>TC-605</b>	<b>TCI-605</b>
2	54.6 (2.15)	18.5 (0.73)	64.8 (2.55)		<b>TC-606</b>	<b>TCI-606</b>
2 - 1/2 ①	66.5 (2.62)	23.1 (0.91)	83.8 (3.30)		<b>TC-607 ①</b>	<b>TCI-607 ①</b>
3 ①	68.3 (2.69)	24.4 (0.96)	100.1 (3.94)		<b>TC-608 ①</b>	<b>TCI-608 ①</b>
3 - 1/2 ①	72.1 (2.84)	24.4 (0.96)	126.2 (4.97)		<b>TC-609 ①</b>	<b>TCI-609 ①</b>
4	72.1 (2.84)	24.4 (0.96)	126.2 (4.97)		<b>TC-610 ①</b>	<b>TCI-610 ①</b>

# NEER™ Zinc Set Screw Connectors and Couplings

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## TC-500: Couplings

### Application

- To join lengths of steel EMT for concretetight or dry location applications.

### Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-511

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Body Length	Maximum Diameter			
1/2	38.1 (1.50)	26.7 (1.05)		8.62 (19.00)	TC-511
3/4	47.8 (1.88)	31.5 (1.24)		11.34 (25.00)	TC-512
1	50.8 (2.00)	38.9 (1.53)		17.69 (39.00)	TC-513
1-1/4	63.5 (2.50)	50.3 (1.98)		39.92 (88.00)	TC-514
1-1/2	72.9 (2.87)	55.9 (2.20)		47.17 (104.00)	TC-515
2	87.4 (3.44)	68.3 (2.69)		67.59 (149.00)	TC-516
2 - 1/2	101.9 (4.01)	84.6 (3.33)		108.86 (240.00)	TC-517 ①
3	113.8 (4.48)	101.1 (3.98)		158.76 (350.00)	TC-518 ①
3 - 1/2	125.2 (4.93)	113.8 (4.48)		215.46 (475.00)	TC-519 ①
4	132.8 (5.23)	126.5 (4.98)		272.16 (600.00)	TC-520 ①

① For EMT and threadless rigid metal conduit and IMC.

- Note:
- TC-511, 512 and 513 are single set screw each end. TC-514, 515, 516, 517, 518, 519 and 520 are double set screw each end.

## TC-500: Connectors

### Application

- To secure and terminate steel EMT to knockouts in concretetight box or dry location applications.

### Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Furnished with locknut.

### Material/Finish

- Zinc diecast

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-501

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	Body Length	Maximum Diameter	Thread Length			
1/2	29.2 (1.15)	10.2 (0.40)	26.7 (1.05)		TC-501	TCI-501
3/4	35.8 (1.41)	11.7 (0.46)	32.8 (1.29)		TC-502	TCI-502
1	39.6 (1.56)	13.5 (0.53)	38.4 (1.51)		TC-503	TCI-503
1-1/4	50.0 (1.97)	15.7 (0.62)	50.3 (1.98)		TC-504	TCI-504
1-1/2	56.1 (2.21)	18.5 (0.73)	55.9 (2.20)		TC-505	TCI-505
2	63.8 (2.51)	19.3 (0.76)	68.3 (2.69)		TC-506	TCI-506
2 - 1/2	78.7 (3.10)	26.4 (1.04)	84.6 (3.33)		TC-507 ①	TCI-507 ①
3	86.1 (3.39)	26.9 (1.06)	101.1 (3.98)		TC-508 ①	TCI-508 ①
3 - 1/2	90.4 (3.56)	26.9 (1.06)	113.8 (4.48)		TC-509 ①	TCI-509 ①
4	96.0 (3.78)	28.2 (1.11)	126.5 (4.98)		TC-510 ①	TCI-510 ①

Note:

- TC-501, 502 and 503 are single set screw. TC-504, 505, 506, 507, 508, 509 and 510 are double set screw. TCI-501, 502, and 503 are single set screw. TCI-504, 505, 506, 507, 508, 509 and 510 are double set screw.



# NEER™ Zinc Combination Couplings

For EMT.

**NEC/CEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## EGC: Screw-In Compression

### Application

- A combination coupling to provide a transition from EMT to flexible metal conduit.

### Material/Finish

- Zinc diecast

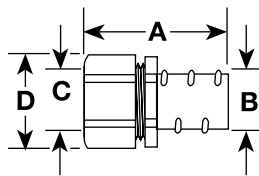
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



EGC-50

### Illustrated Dimensions



Trade Size (Inches) EMT to Flex.	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2 to 1/2	42.2 (1.66)	18.0 (0.71)	18.3 (0.72)	25.4 (1.00)	<b>EGC-50</b>
3/4 to 3/4	42.7 (1.68)	23.4 (0.92)	23.4 (0.92)	30.0 (1.18)	<b>EGC-75</b>

## EFC: EMT to Set Screw

### Application

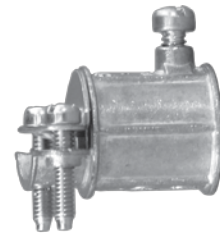
- EFC-50
  - A combination coupling to provide a transition from EMT to 12/2 NM cable. Not for use with flexible metal conduit.
- EFC-75 and EFC-100
  - A combination coupling to provide a transition from EMT to flexible metal conduit.

### Material/Finish

- Zinc diecast

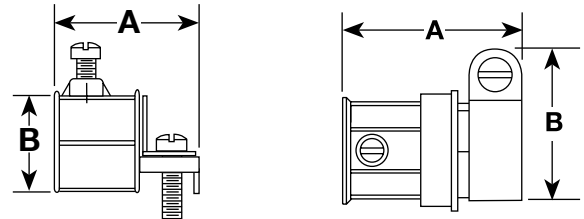
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



EFC-50

### Illustrated Dimensions



EFC-50

EFC-75 and EFC-100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	33.8 (1.33)	23.6 (0.93)	<b>EFC-50</b> ①
1/2 to 1/2	41.1 (1.62)	34.3 (1.35)	<b>EFC-75</b>
3/4 to 3/4	49.8 (1.96)	40.6 (1.60)	<b>EFC-100</b>

① EMT to 12/2 non-metallic sheathed cable.

# NEER™ Zinc 90° Gland Compression Connectors

For EMT.

NEC/CEC:  
Listed for Ordinary Locations

## Application

- Compression type 90° EMT connectors used to terminate EMT to an unthreaded box or enclosure.

## Features

- Concretetight.
- Furnished with locknut.
- Raintight (wet locations) Canada.

## Material/Finish

- Zinc diecast

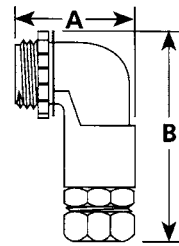
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TWL-50

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	46.7 (1.84)	58.9 (2.32)	TWL-50
3/4	52.6 (2.07)	66.5 (2.62)	TWL-75

# NEER™ Zinc 90° Corner Pulling Elbows

For EMT.

**NEC/CEC:**  
Rated for Ordinary Locations

## THL: 90° Female/Female

### Application

- 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of EMT. The removable cover gives ample access so that wire pulling can be achieved without any obstructions.

### Material/Finish

- Zinc diecast

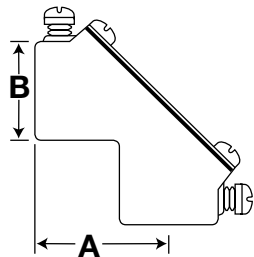
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



THL-500

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	33.3 (1.31)	23.6 (0.93)	THL-500
1/2	33.3 (1.31)	23.6 (0.93)	THL-500G ①
3/4	35.6 (1.40)	30.0 (1.18)	THL-750
3/4	35.6 (1.40)	30.0 (1.18)	THL-750G ①

① Provided with neoprene gasket.

## CPL: 90° Set Screw

### Application

- 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of EMT. These products are used where it is essential to make tight turns within limited space.

### Material/Finish

- Zinc diecast

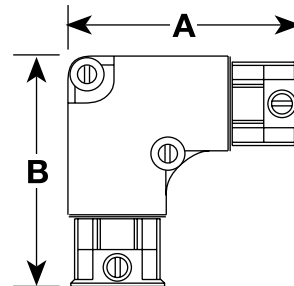
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



CPL-50

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	58.4 (2.30)	58.4 (2.30)	CPL-50
1/2	66.3 (2.61)	66.3 (2.61)	CPL-75

# NEER™ Zinc Set Screw Offset Nipples

For EMT.

**NEC/CEC:**  
Listed for Ordinary Locations

## Application

- Set screw type offset connectors are used to make a slight adjustment in terminating the end of a run of EMT to an enclosure or box.

## Features

- Male hub threads — NPS.
- Concretetight when taped.
- Furnished with locknut.

## Material/Finish

- Zinc diecast

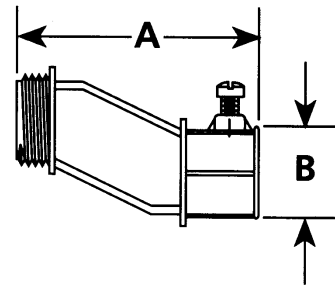
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E35001
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TN-50

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	53.3 (2.10)	23.6 (0.93)	TN-50

# EMT Clamps and Straps

NEC/CEC:  
Rated for Ordinary Locations

## Application


- Clamps and straps are used to secure oval/round cables or support runs of rigid metal conduit, IMC and EMT.

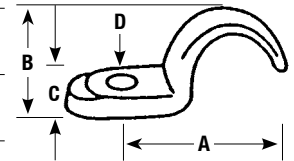
## Features

- Malleable iron clamps are exceptionally rugged and strong.
- Steel clamps and adapters offer economy and have integral formed gussets for excellent strength.

## Material

- Steel or malleable iron

	Trade Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		A	B	C	D		
<b>Clamps — EMT — Malleable</b>							
	1/2	26.90 (1.06)	22.40 (0.88)	16.00 (0.63)	6.40 (0.25)	2.27 (5.00)	TWCL-50MN
	3/4	30.20 (1.19)	26.90 (1.06)	19.10 (0.75)	6.40 (0.25)	2.72 (6.00)	TWCL-75MN
	1	35.10 (1.38)	35.10 (1.38)	20.60 (0.81)	6.40 (0.25)	4.54 (10.00)	TWCL-100MN
	1-1/4	41.40 (1.63)	44.50 (1.75)	22.40 (0.88)	9.70 (0.38)	5.90 (13.00)	TWCL-125MN
	1-1/2	46.00 (1.81)	49.30 (1.94)	23.90 (0.94)	9.70 (0.38)	6.80 (15.00)	TWCL-150MN
	2	58.70 (2.31)	63.50 (2.50)	26.90 (1.06)	12.70 (0.50)	9.07 (20.00)	TWCL-200MN



# EMT Clamps and Straps

NEC/CEC:  
Rated for Ordinary Locations

Appleton®

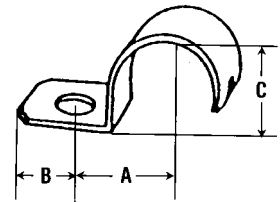
COMMERCIAL AND INDUSTRIAL FITTINGS: EMT (ELECTRICAL METALLIC TUBING)

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	A	B	C		

## No-Thread to Threaded Fittings — Conversion Adapters — Steel



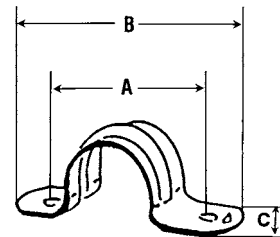
1/2	23.9 (0.94)	11.9 (0.47)	17.5 (0.69)	1.54 (3.40)	TWCL-50
3/4	26.2 (1.03)	13.5 (0.53)	23.1 (0.91)	2.09 (4.60)	TWCL-75
1	29.5 (1.16)	11.2 (0.44)	28.7 (1.13)	2.95 (6.50)	TWCL-100
1-1/4	4.0 (1.34)	12.7 (0.50)	54.1 (2.13)	4.54 (10.00)	TWCL-125
1-1/2	42.9 (1.69)	15 (0.59)	79.5 (3.13)	8.62 (19.00)	TWCL-150
2	46.7 (1.84)	16 (0.63)	104.9 (4.13)	11.34 (25.00)	TWCL-200



## Clamps — EMT — Malleable



1/2	38.1 (1.50)	51.6 (2.03)	16.0 (0.63)	0.45 (1.00)	TW2500
3/4	44.5 (1.75)	61.2 (2.41)	16.0 (0.63)	0.73 (1.60)	TW2750
1	53.1 (2.09)	71.4 (2.81)	16.0 (0.63)	0.91 (2.00)	TW2100
1-1/4	65.8 (2.59)	84.1 (3.31)	19.1 (0.75)	1.81 (4.00)	TW2125
1-1/2	68.3 (2.69)	87.4 (3.44)	19.1 (0.75)	1.81 (4.00)	TW2150
2	88.9 (3.50)	120.7 (4.75)	23.9 (0.94)	2.13 (4.70)	TW2200



# EMT Straps

**CEC:**  
*Rated for Ordinary Locations*

## Features

- Snap type-double ribbed.

## Standard Materials

- Steel

## Standard Finishes

- Zinc plated

## CEC Certifications and Compliances

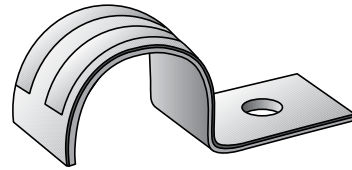
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795

## Standard Materials

- Malleable iron

## Standard Finishes

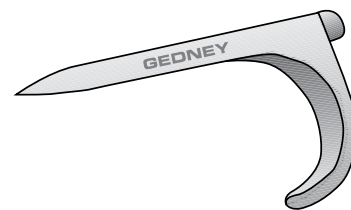
- Mechanical galvanized



Type 15



Type THTW



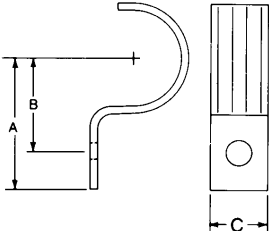
Type 333G

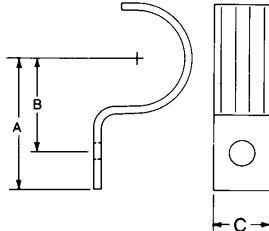
# EMT Straps


CEC:  
Rated for Ordinary Locations

OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: EMT (ELECTRICAL METALLIC TUBING)

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Bolt Size	Catalog Number
		A	B	C		
<b>One Hole</b>						
 <p><b>Type 15</b></p>	1/2	31.75 (1.25)	22.35 (0.88)	14.22 (0.56)	6.35 (0.25)	<b>15-50S</b>
	3/4	35.05 (1.38)	26.92 (1.06)	16.00 (0.63)	6.35 (0.25)	<b>15-75S</b>
	1	41.40 (1.63)	31.75 (1.25)	19.05 (0.75)	6.35 (0.25)	<b>15-100S</b>
	1-1/4	50.80 (2.00)	38.10 (1.50)	22.35 (0.88)	7.87 (0.31)	<b>15-125S</b>
	1-1/2	54.10 (2.13)	42.93 (1.69)	25.40 (1.00)	9.65 (0.38)	<b>15-150S</b>
	2	66.80 (2.63)	50.80 (2.00)	28.70 (1.13)	11.18 (0.44)	<b>15-200S</b>
	2-1/2	111.25 (4.38)	66.80 (2.63)	31.75 (1.25)	12.70 (0.50)	<b>14-250S</b>
	3	120.65 (4.75)	76.20 (3.00)	31.75 (1.25)	12.70 (0.50)	<b>14-300S</b>
	3-1/2	131.83 (5.19)	90.42 (3.56)	38.10 (1.50)	16.00 (0.63)	<b>14-350S</b>
4	138.18 (5.44)	100.08 (3.94)	38.10 (1.50)	16.00 (0.63)	<b>14-400S</b>	

	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Bolt Size	Catalog Number
		A	B	C		
<b>Two Hole</b>						
 <p><b>Type THTW</b></p>	1/2	40.39 (1.59)	54.10 (2.13)	16.00 (0.63)	4.83 (0.19)	<b>THTW-50S</b>
	3/4	43.69 (1.72)	57.15 (2.25)	16.00 (0.63)	4.83 (0.19)	<b>THTW-75S</b>
	1	54.86 (2.16)	73.15 (2.88)	18.29 (0.72)	6.35 (0.25)	<b>THTW-100S</b>
	1-1/4	70.61 (2.78)	88.90 (3.50)	18.29 (0.72)	6.35 (0.25)	<b>THTW-125S</b>
	1-1/2	80.26 (3.16)	95.25 (3.75)	18.29 (0.72)	6.35 (0.25)	<b>THTW-150S</b>
	2	96.77 (3.81)	113.54 (4.47)	18.29 (0.72)	6.35 (0.25)	<b>THTW-200S</b>
	2 1/2	119.13 (4.69)	145.29 (5.72)	25.4 (1.00)	7.87 (0.31)	<b>THR-250S</b>
	3	144.53 (5.69)	171.45 (6.75)	25.4 (1.00)	7.87 (0.31)	<b>THR-300S</b>
	3-1/2	160.27 (6.31)	185.67 (7.31)	25.4 (1.00)	7.87 (0.31)	<b>THR-350S</b>
4	173.74 (6.84)	198.37 (7.81)	25.4 (1.00)	7.87 (0.31)	<b>THR-400S</b>	

	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
		Nail Length	Nominal Thickness	
 <p><b>Type 333G</b></p>	1/2	55.63 (2.19)	4.83 (0.19)	<b>333G</b>
	3/4	63.50 (2.5)	4.83 (0.19)	<b>334G</b>
	1	73.15 (2.88)	4.83 (0.19)	<b>335G</b>



# EMT Malleable Iron Straps and Spacers

**CEC:**  
Rated for Ordinary Locations

**CEC:**  
Rated for Ordinary Locations

## Type 15-G

### Standard Materials

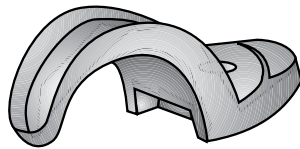
- Malleable iron

### Standard Finishes

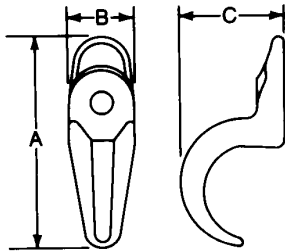
- Hot dip galvanized

### CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



### Illustrated Dimensions



## Type 141G

### Standard Materials

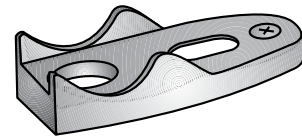
- Malleable iron or cast iron

### Standard Finishes

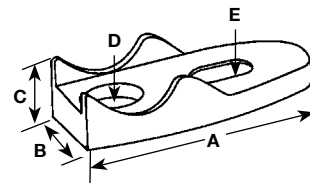
- Mechanically galvanized or hot dip galvanized

### CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



### Illustrated Dimensions

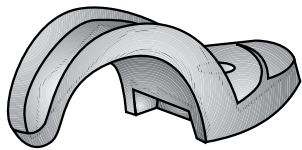


# EMT Malleable Iron Straps and Spacers

CEC:  
Rated for Ordinary Locations

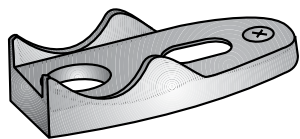
OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: EMT (ELECTRICAL METALLIC TUBING)



Type 15-G

Trade Size (Inches)	Dimensions in Millimeters (Inches)				Bolt Size	Catalog Number
	A	B	C			
1/2	49.28 (1.94)	19.05 (0.75)	22.35 (0.88)		6.35 (0.25)	15-50G
3/4	56.39 (2.22)	18.29 (0.72)	28.70 (1.13)		6.35 (0.25)	15-75G
1	64.26 (2.53)	19.05 (0.75)	34.04 (1.34)		6.35 (0.25)	15-100G
1-1/4	65.79 (2.59)	19.81 (0.78)	34.04 (1.34)		7.87 (0.31)	15-125G
1-1/2	82.55 (3.25)	22.35 (0.88)	49.28 (1.94)		9.65 (0.38)	15-150G
2	96.01 (3.78)	25.40 (1.00)	61.98 (2.44)		11.18 (0.44)	15-200G
2-1/2	150.88 (5.94)	35.05 (1.38)	77.72 (3.06)		12.70 (0.50)	14-250G ①
3	188.98 (7.44)	41.40 (1.63)	96.77 (3.81)		12.70 (0.50)	14-300G ①
3-1/2	208.03 (8.19)	45.97 (1.81)	111.25 (4.38)		16.00 (0.63)	14-350G ①
4	220.73 (8.69)	50.80 (2.00)	127.00 (5.00)		16.00 (0.63)	14-400G ①



Type 141G

Trade Size (Inches)	Dimensions in Millimeters (Inches)					Catalog Number
	A	B	C	D	E	
1/2	35.81 (1.41)	26.92 (1.06)	11.18 (0.44)	9.65 (0.38)	9.65 (0.38) x 14.22 (0.56)	141G
3/4	63.50 (2.50)	28.7 (1.13)	12.70 (0.50)	9.65 (0.38)	11.18 (0.44) x 14.22 (0.56)	142G
1	81.03 (3.19)	30.99 (1.22)	14.22 (0.56)	9.65 (0.38)	11.18 (0.44) x 19.05 (0.75)	143G
1-1/4	93.73 (3.69)	35.81 (1.41)	17.78 (0.70)	12.70 (0.50)	12.70 (0.50) x 19.05 (0.75)	144G
1-1/2	100.08 (3.94)	39.62 (1.56)	20.57 (0.81)	14.22 (0.56)	13.97 (0.55) x 23.88 (0.94)	145G
2	130.30 (5.13)	50.8 (2.00)	19.05 (0.75)	14.22 (0.56)	16.00 (0.63) x 25.4 (1.00)	146G
2-1/2	146.05 (5.75)	62.74 (2.47)	19.05 (0.75)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	147G
3	181.10 (7.13)	71.37 (2.81)	20.57 (0.81)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	148G
3-1/2	203.20 (8.00)	81.79 (3.22)	24.64 (0.97)	11.94 (0.47)	17.53 (0.69) x 34.04 (1.34)	149G
4	222.25 (8.75)	86.61 (3.41)	24.64 (0.97)	11.94 (0.47)	18.29 (0.72) x 32.51 (1.28)	150G
5	254.00 (10.00)	94.49 (3.72)	30.48 (1.20)	12.70 (0.50)	18.29 (0.72) x 32.51 (1.28)	151G
6	299.97 (11.81)	100.08 (3.94)	38.10 (1.50)	12.70 (0.50)	31.75 (1.25) x 50.8 (2.00)	152G

① Suitable for use with rigid conduit or IMC.

② Cast Iron.

# NEER™ Conduit Hangers

## With Bolts and Nuts

**NEC:**  
Listed for Ordinary Locations

### Application

- Secure and suspend rigid conduit, IMC, EMT or PVC conduit from overhead supports.

### Features

- Furnished with carriage bolt.

### Standard Material/Finish

- Steel/zinc plated

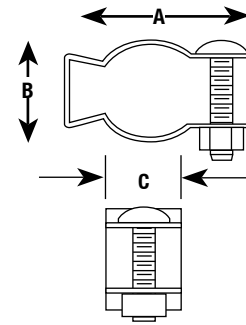
### NEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806



CH-050-B

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
3/8 and 1/2	49.0 (1.93)	23.1 (0.91)	19.1 (0.75)	CH-050-B
3/4	54.9 (2.16)	27.9 (1.10)	19.1 (0.75)	CH-100-B
1	61.5 (2.42)	34.8 (1.37)	22.4 (0.88)	CH-200-B
1-1/4TW	69.1 (2.72)	39.4 (1.55)	22.4 (0.88)	CH-250-B
1-1/4HW	72.4 (2.85)	48.3 (1.90)	22.4 (0.88)	CH-300-B
1-1/2	80.0 (3.15)	49.0 (1.93)	25.4 (1.00)	CH-400-B
2	94.7 (3.73)	68.3 (2.69)	25.7 (1.01)	CH-500-B
2-1/2	118.1 (4.65)	85.1 (3.35)	28.7 (1.13)	CH-600-B
3	134.6 (5.30)	99.1 (3.90)	30.2 (1.19)	CH-700-B
3-1/2	146.1 (5.75)	102.9 (4.05)	31.8 (1.25)	CH-800-B
4	162.6 (6.40)	128.3 (5.05)	31.8 (1.25)	CH-900-B

# NEER™ Straps

For Rigid Conduit and IMC.

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## 1800: One Hole Click-On

### Applications

- Click-on type one hole straps for rigid conduit or IMC.
- Provides support for the conduits, as required by the National Electrical Code.

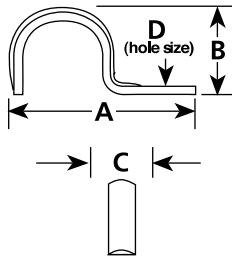
### Material/Finish

- Steel/zinc plated



1801

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	47.0 (1.85)	20.3 (0.80)	15.7 (0.62)	6.4 (0.25)	1801
3/4	31.0 (1.22)	23.4 (0.92)	19.1 (0.75)	6.4 (0.25)	1802
1	67.3 (2.65)	29.2 (1.15)	22.1 (0.87)	7.9 (0.31)	1803
1-1/4	75.7 (2.98)	35.8 (1.41)	25.1 (0.99)	9.7 (0.38)	1804
1-1/2	89.2 (3.51)	40.9 (1.61)	25.4 (1.00)	11.2 (0.44)	1805
2	105.9 (4.17)	50.0 (1.97)	29.0 (1.14)	13.5 (0.53)	1806
2 - 1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	1807
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	1808
3 - 1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	1809
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	1810

## TH-1800: Two Hole Snap-On

### Application

- Snap-on type two hole straps for rigid conduit and IMC are used where higher load bearing supports are desired.

### Material/Finish

- Steel/zinc plated

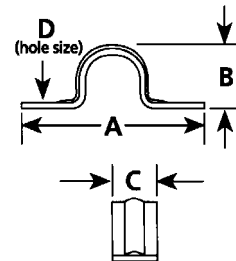
### NEC/CEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 No. 18.4
- cUL Listed: E333806



TH-1801

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
1/2	62.7 (2.47)	21.8 (0.86)	15.7 (0.62)	4.8 (0.19)	TH-1801
3/4	71.6 (2.82)	27.9 (1.10)	17.3 (0.68)	4.8 (0.19)	TH-1802
1	85.9 (3.38)	32.3 (1.27)	19.1 (0.75)	6.4 (0.25)	TH-1803
1-1/4	101.6 (4.00)	42.7 (1.68)	21.8 (0.86)	6.4 (0.25)	TH-1804
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	TH-1805
2	112.8 (4.44)	50.3 (1.98)	23.9 (0.94)	9.7 (0.38)	TH-1806
2 - 1/2	131.8 (5.19)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	TH-1807
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	TH-1808
3 - 1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	TH-1809
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	TH-1810

# NEER™ Nail Straps

For EMT.

**NEC:**  
Listed for Ordinary Locations

## NS: Nail Straps

### Applications

- To secure EMT to wooden mounting structure.
- Use in place of one hole straps.

### Standard Material/Finish

- Steel/zinc plated

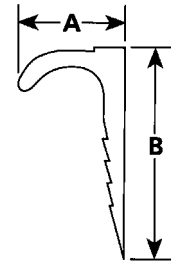
### NEC Certifications and Compliances

- UL Listed: E333806



NS-901

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	30.2 (1.19)	52.6 (2.07)	NS-901
3/4	31.2 (1.23)	52.6 (2.07)	NS-902
1	39.1 (1.54)	57.2 (2.25)	NS-903

# NEER™ Beam Clamps, Jack Chain and S Hooks

**NEC/CEC:**  
Rated for Ordinary Locations

**NEC/CEC:**  
Rated for Ordinary Locations

**NEC/CEC:**  
Rated for Ordinary Locations

## TBC: Beam Clamps

### Applications

- Clamp on to the mounting structure to provide mounting means for the attachment of conduit hangers either directly or by means of threaded rod.

### Features

- 1/4-20 threaded holes.
- Jaw opening 5/8".

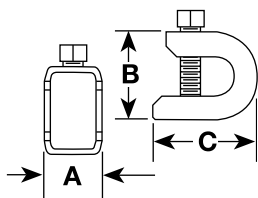
### Material/Finish

- Stamped steel/zinc plate



BC-250

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1-1/4 x	22.9	11.2	42.7	BC-250
5/16 -18	(0.90)	(0.44)	(1.68)	

## JC: Steel Jack Chain

### Applications

- For suspending lighting fixtures, etc.

### Feature

- Standard weight maximum working load: 29#.

### Material/Finish

- Galvanized steel

*Note:*

- Order in 30.5 meter (100 foot) increments.



JC-12-S

## SH: Standard and Heavy S Hooks

### Applications

- For terminating end of jack chain, used to suspend lighting fixtures, etc.

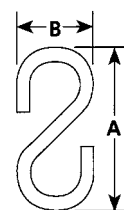
### Material/Finish

- Steel/zinc plated



SH-100-D

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
0.1009 dia.	31.0 (1.22)	16.8 (0.66)	SH-100-D
0.1429 dia.	38.6 (1.52)	25.4 (1.00)	SH-142

# NEER™ Cable Staples

NEC/CEC:  
Rated for Ordinary Locations

## SN: Cable Staples

### Applications

- To secure nonmetallic sheathed cable and type SE/U cable to wooden mounting structure.

### Standard Material

- Steel

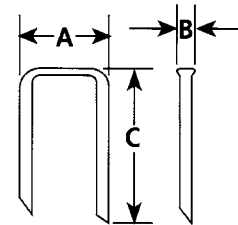
Note:

- SN cable staples are furnished in plastic containers.



SN

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Carton	Standard Package	Catalog Number
	A	B	C			
<b>NMC 2-Cond. 12 and 14</b>						
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	100	10,000	SN-400
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	500	10,000	SN-405
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	-	15,000	SN-410
<b>NMC 3-Cond. 10-12 and 14 Wire</b>						
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	100	5,000	SN-1000
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	500	5,000	SN-1050
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	-	10,000	SN-1100
<b>SE/U 3-Cond. No. 6</b>						
1-3/8 x 13/16	33.0 (1.30)	6.6 (0.26)	33.5 (1.32)	100	5,000	SN-3000

# Capacity of Steel Boxes and Covers

NEC/CEC:  
Listed for Ordinary Locations

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies. Boxes and conduit bodies shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors.

FPN: For volume requirements of motor terminal housings, see 430.12.

Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with the provisions of 314.28.

(A) Box Volume Calculations. The volume of a wiring enclosure (box) shall be the total volume of the assembled sections and, where used, the space provided by plaster rings, domed covers, extension rings, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A).

(1) Standard Boxes. The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).

(2) Other Boxes. Boxes 1650 cm<sup>3</sup> (100 in.<sup>3</sup>) or less, other than those described in Table 314.16(A), and Nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume. Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

(B) Box Fill Calculations. The volumes in paragraphs 314.16(B)

(1) through (B) (5), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings.

Table 314.16(A) Metal Boxes

Box Trade Size mm (in)		Minimum Volume cm <sup>3</sup> (in. <sup>3</sup> )	Maximum Number of Conductors ①						
			18	16	14	12	10	8	6
100x32 (4x1¼)	round/ octagon	205 (12.5)	8	7	6	5	5	5	2
100x38 (4x1½)	round/ octagon	254 (15.5)	10	8	7	6	6	5	3
100x54 (4x2)	round/ octagon	353 (21.5)	14	12	10	9	8	7	4
100x32 (4x1¼)	square	295 (18)	12	10	9	8	7	6	3
100x38 (4x1½)	square	344 (21)	14	12	10	9	8	7	4
100x54 (4x2)	square	497 (30.3)	20	17	15	13	12	10	6
120x32 (4x1¼)	square	418 (25.5)	17	14	12	11	10	8	5
120x38 (4x1½)	square	484 (29.5)	19	16	14	13	11	9	5
120x54 (4x2)	square	689 (42)	28	24	21	18	16	14	8
75x50x38 (3x2x1½)	device	123 (7.5)	5	4	3	3	3	2	1
75x50x50 (3x2x2)	device	164 (10)	6	5	5	4	4	3	2
75x50x57 (3x2x2¼)	device	172 (10.5)	7	6	5	4	4	3	2
75x50x65 (3x2x2½)	device	205 (12.5)	8	7	6	5	5	4	2
75x50x70 (3x2x2¾)	device	230 (14)	9	8	7	6	5	4	2
75x50x90 (3x2x3½)	device	295 (18)	12	10	9	8	7	6	3
100x54x38 (4x2x1½)	device	169 (10.3)	6	5	5	4	4	3	2
100x54x48 (4x2x1)	device	213 (13)	8	7	6	5	5	4	2
100x54x54 (4x2x2)	device	238 (14.5)	9	8	7	6	5	4	2
95x50x65 (3¾x2x2½)	masonry box/gang	230 (14)	9	8	7	6	5	4	2
95x50x90 (3¾x2x3½)	masonry box/gang	344 (21)	14	12	10	9	8	7	4
min. 44.5 depth	FS - single cover/ gang (1¾)	221 (13.5)	9	7	6	6	5	4	2
min. 60.3 depth	FD - single cover/ gang (2)	295 (18)	12	10	9	8	7	6	3
min. 44.5 depth	FS - multi. cover/ gang (1¾)	295 (18)	12	10	9	8	7	6	3
min. 60.3 depth	FD - multi. cover/ gang (2)	395 (24)	16	13	12	10	9	8	4

① Where no volume allowances are required by 314.16(B)(2) through (B)(5).  
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references are from the 2008 edition.

(1) Conductor Fill. Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. A looped, unbroken conductor not less than twice the minimum length required for free conductors in 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors or not over four fixture wires smaller than 14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire (fixture) or similar canopy and terminate within that box.

(2) Clamp Fill. Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.

(3) Support Fittings Fill. Where one or more luminaire (fixture) studs or hickey are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.

Table 314.16(B) Volume Allowance Required per Conductor

Size of Conductor (AWG)	Free Space Within Box for Each Conductor cm <sup>3</sup> (in. <sup>3</sup> )
18	24.6 (1.50)
16	28.7 (1.75)
14	32.8 (2.00)
12	36.9 (2.25)
10	41 (2.50)
8	49.2 (3.00)
6	81.9 (5.00)

(4) Device or Equipment Fill. For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap.

(5) Equipment Grounding Conductor Fill. Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

406.8 Receptacles in Damp or Wet Locations.

(B) Wet Locations.

(1) 15- and 20-Ampere Receptacles in a Wet Location. 15- and 20-Ampere, 125- and 250-Volt receptacles installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.



# Outlet and Switch Boxes

## Material, Finish, Knockouts, Fire-Rated Assemblies, Compliances, Groundskeeper Raised Ground Boss

**NEC/CEC:**  
*Listed for Ordinary Locations*

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### Material/Finish

- AISI/SAE 1008
- Pre-galvanized G60, 183.09 g/sq m (0.60 oz/sq ft)
- Thickness: 0.0625" minimum

### Concentric and Eccentric Knockouts

- Boxes with concentric or eccentric knockouts are suitable for bonding without any additional bonding means where used in circuits above or below 250 V. Unless otherwise noted all concentric or eccentric knockouts are 1/2" – 3/4" combinations.

### Use in Fire-Rated Assemblies

- Single and double gang metallic outlet and switch boxes are acceptable for use in two-hour fire rated walls. For additional information refer to the UL guide card information for metallic outlet boxes, QCIT.

### Groundskeeper Raised Ground Boss

- Groundskeeper raised ground feature on boss inside box provides one or two #10-32 tapped hole, allowing a 3/8" long green ground screw to be threaded into box without contacting mounting surface. Other boxes provided with flat ground tapped hole, except Plenum Boxes.

### NEC/CEC Compliances and Certifications

- UL Standard: 514A, 514B, 514D
- UL Listed: E2527, E14817
- NEMA: FB-1, OS-1

# Outlet and Switch Boxes

## Styles of Clamps and Brackets

NEC/CEC:  
Listed for Ordinary Locations

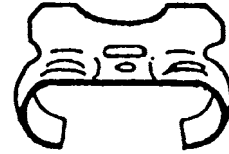
### Clamps ①



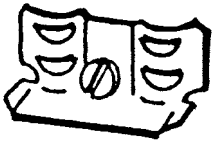
CL-9  
For nonmetallic cable



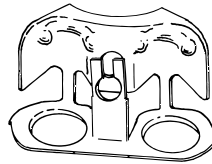
CL-20  
For nonmetallic cable



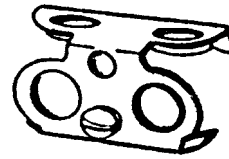
CL-24  
For nonmetallic cable



CL-26  
For nonmetallic cable

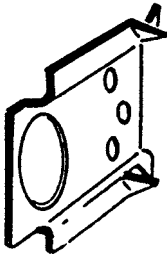


CL-13  
For armored cable (AC), metal clad cable (MCI, MCI-A, MCC) and flexible metal conduit

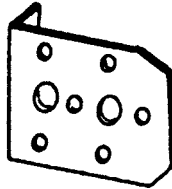


CL-25  
For armored cable and flexible metal conduit

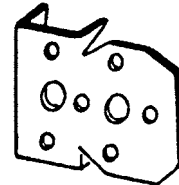
### Brackets ①



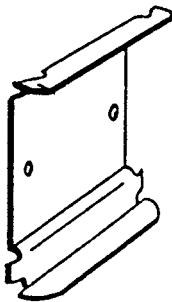
JB



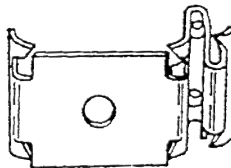
Plain NL



Stud NL



Snap-in metal stud



MSC-OBN  
Outlet box metal stud clip  
for individual sale ②



892  
LOX BOX™ switch box supports  
for individual sale ②

① Products available as installed parts only.

② Products available as individual parts. Order by product catalog number.

# Outlet and Switch Boxes

## Styles of Clamps and Brackets

NEC/CEC:  
Listed for Ordinary Locations

### Brackets ①



Plain, Offset Side Combination



Barbed-Hook, Vertical



Plain, Vertical



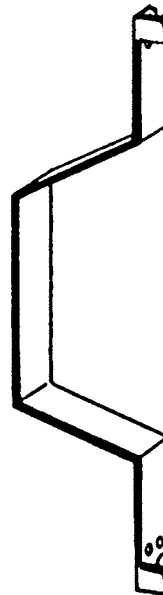
Vertical with Stud



Plain, Vertical



Plain, Vertical Angle



Offset, Vertical



Plain, Vertical

Appleton OZGEDNEY

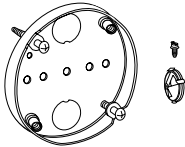
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

① Products available as installed parts only.

# Outlet and Switch Boxes

## 4" Round Ceiling Fan Box With and Without Support Bar Hanger

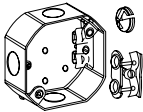
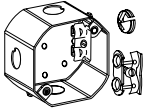
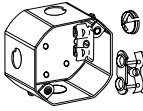
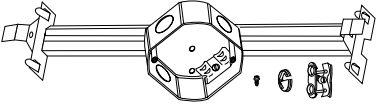
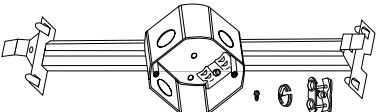
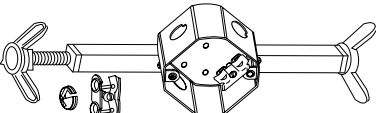
NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Clamp Type	Bracket, Offset or Expansion	Knockouts (Inches)	dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
4" Round - without Support Bar Hangers						
	1/2	—	—	(2) 1/2	—	FFS-4CL

# Outlet and Switch Boxes

## 4" Octagon Ceiling Fan Boxes With and Without Support Bar Hangers

NEC/CEC:  
Listed for Ordinary Locations

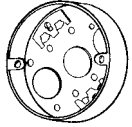
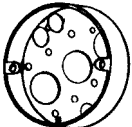
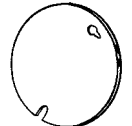
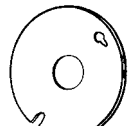
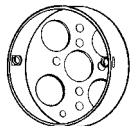
	Depth (Inches)	Clamp Type	Bracket, Offset or Expansion	Knockouts (Inches)	dm <sup>2</sup> (in <sup>2</sup> )	Catalog Number
<b>4" Octagon - without Support Bar Hangers</b>						
	1-1/2	AC/MC, NM	-	(3) 1/2	0.25 (15.5)	FFS-561L
	2-1/8	AC/MC, NM	-	(3) 1/2	0.35 (21.5)	FFS-561LD
	2-1/8	AC/MC, NM	FB, 1/2"	(2) 1/2	0.35 (21.5)	FFS-561LD-VB-NW
<b>4" Octagon - with Support Bar Hangers ①</b>						
	1/2	-	NBH, 16" to 24"	(2) 1/2	0.095 (5.8)	FFS-561L-NBH
	2-1/8	AC/MC, NM	NBH, 16" to 24"	(3) 1/2	0.35 (21.5)	FFS-561LD-NBH
	2-1/8	AC/MC, NM	OBH, 16" to 24"	(3) 1/2	0.35 (21.5)	FFS-561LD-OBH

① NBH is for new construction. Complies with NEC 442.18 for up to 16 kg (35 lbs) of ceiling fan load or 32 kg (70 lbs) of fixture load.

# Outlet and Switch Boxes

## Round Boxes and Covers

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
<b>3-1/4" Round Boxes - with Nonmetallic Sheathed Cable Clamps ①</b>								
 1/2" Deep	1/2	4.5	CL-9	—	—	(3) 1/2" (4) 21/32"	13.15 (29.0)	<b>510LC</b> (36115)
 1/2" Deep	1/2	4.5	—	—	—	(3) 1/2" (4) 21/32"	21.77 (48.0)	<b>510L</b> ①
<b>3-1/4" Round Covers - For 3-1/4" Octagon and Round Boxes ②</b>								
	Flat	0.0	—		Blank		7.71 (17.0)	<b>8301A</b> (24C1)
	Flat	0.0	—		1/2" KO		7.71 (17.0)	<b>8320</b> (24C6)
<b>4" Round Box - with Knockouts in Bottom ③</b>								
 1/2" Deep	1/2	6.0	—	—	—	(5) 1/2"	16.33 (36.0)	<b>4CL</b> (56111)

① Not UL Listed.

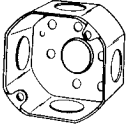
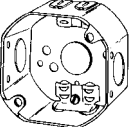
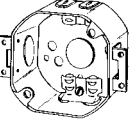
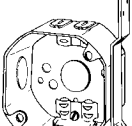
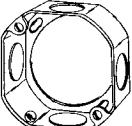
② 2-3/4" Cover Hole Centerline.

③ 3-1/2" Cover Hole Centerline.

# Outlet and Switch Boxes

## 3-1/4" Octagon Boxes and Extension Ring

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
<b>3-1/4" Octagon Boxes - with Knockouts</b>								
 <b>30-1/2</b> 1-1/2" Deep	1-1/2	10.5	—	(4) 1/2"	—	(1) 1/2"	17.24 (38.0)	<b>30-1/2</b> (24151-1/2)
<b>3-1/4" Octagon Boxes - with Nonmetallic Sheathed Cable Clamps</b>								
 <b>560L</b> 1-1/2" Deep; Two nail holes each end	1-1/2	11.9	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	21.77 (48.0)	<b>560L</b> (24151-N)
 <b>560LXE</b> 1-1/2" Deep; Plaster Ears	1-1/2	11.9	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	23.13 (51.0)	<b>560LXE</b> (24151-NE)
 <b>560LVB</b> 1-1/2" Deep; Plain Vertical Bracket; Set back 5/8"	1-1/2	11.9	CL-26	(1) 1/2"	(4) 21/32"	(1) 1/2"	25.40 (56.0)	<b>560LVB</b> (24151NF)
<b>3-1/4" Octagon Box Extension Ring - with Knockouts</b>								
 <b>30E-1/2</b> 1-1/2" Deep	1-1/2	10.5	—	(4) 1/2"	—	—	15.42 (34.0)	<b>30E-1/2</b> (25151-1/2)

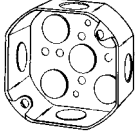
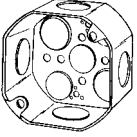
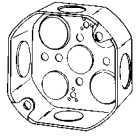
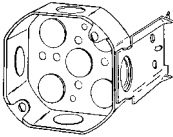
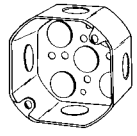
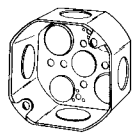
① 2-3/4" Cover Hole Centerline.

# Outlet and Switch Boxes

## 4" Octagon Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
			Sides	Ends	Bottom		
 <b>1-1/2" Deep</b>	1-1/2	15.5	(4) 1/2"	—	(5) 1/2"	23.59 (52.0)	<b>40-1/2</b> (54151-1/2)
 <b>1-1/2" Deep</b>	1-1/2	15.5	(4) 3/4"	—	(3) 1/2" (2) 3/4"	23.59 (52.0)	<b>40-3/4</b> (54151-3/4)
 <b>1-1/2" Deep</b>	1-1/2	15.5	(2) 1/2" (2) 3/4"	—	(3) 1/2" (2) 3/4"	23.59 (52.0)	<b>40-SPL</b> (54151SPL)
 <b>1-1/2" Deep;</b> <b>JB Bracket set flush</b> <b>Gauging notches 3/8" &amp; 1/2"</b>	1-1/2	15.5	(4) 1/2"	—	(5) 1/2"	30.84 (68.0)	<b>40JB-1/2</b> (54151J-1/2)
 <b>2-1/8" Deep</b>	2-1/8	21.5	(4) 1/2"	—	(5) 1/2"	29.94 (66.0)	<b>40D-1/2</b> (54171-1/2)
 <b>2-1/8" Deep</b>	2-1/8	21.5	(4) 3/4"	—	(3) 1/2" (2) 3/4"	29.94 (66.0)	<b>40D-3/4</b> (54171-3/4)

① 3-1/2" Cover Hole Centerline.

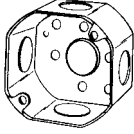
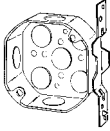
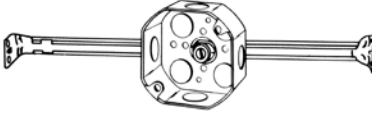


# Outlet and Switch Boxes

## 4" Octagon Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
			Sides	Ends	Bottom		
 <b>2-1/8" Deep</b>	2-1/8	21.5	(2) 1/2" (2) 3/4"	—	(3) 1/2" (2) 3/4"	30.84 (68.0)	<b>4OD-SPL</b> (54171SPL)
 <b>1-1/2" Deep; Vertical bracket with stud; Set back 5/8"</b>	1-1/2	15.5	(3) 1/2"	—	(5) 1/2"	28.12 (62.0)	<b>4OVB-1/2</b> (54151F-1/2)
 <b>1-1/2" Deep; 40-1/2 box on SX115; Stud bar hanger; Adjusts from 11-1/2" to 18-1/2"</b>	1-1/2	15.5	(4) 1/2"	—	(4) 1/2"	41.73 (92.0)	<b>SX115-40-1/2 ②</b>

① 3-1/2" Cover Hole Centerline.

② Not fan box rated.

# Outlet and Switch Boxes

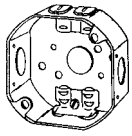
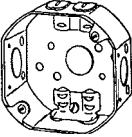
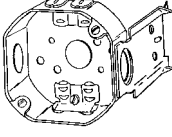
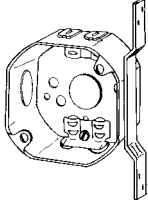
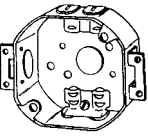
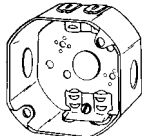
## 4" Octagon Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 <b>1-1/2" Deep</b>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	25.85 (57.0)	<b>561L</b> (54151)
 <b>1-1/2" Deep; Four nail holes each end</b>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	25.85 (57.0)	<b>561N</b> (54151N)
 <b>1-1/2" Deep; JB Bracket set flush; Gauging notches 3/8" &amp; 1/2"</b>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	33.57 (74.0)	<b>561LJB</b> (54151JN)
 <b>1-1/2" Deep; Bracket set back 5/8"</b>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	29.94 (66.0)	<b>561LVB</b> (54151FN)
 <b>1-1/2" Deep; Plaster ears</b>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	28.12 (62.0)	<b>561LXE</b> (54151NE)
 <b>2-1/8" Deep</b>	2-1/8	21.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	31.75 (70.0)	<b>561LD</b> (54171N)

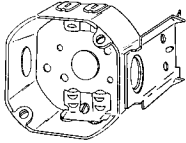
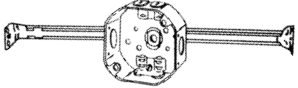
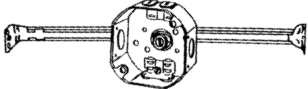
① 3-1/2" Cover Hole Centerline.

# Outlet and Switch Boxes

## 4" Octagon Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 <p><b>2-1/8" Deep;</b> JB Bracket set back 1"; Gauging notches set back 1-3/8" &amp; 1-1/2"</p>	2-1/8	21.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	38.10 (84.0)	<b>561LDJB</b> (54171JN)
 <p><b>1-1/2" Deep;</b> 561L box on SX18 clip bar hanger; Adjusts from 11-1/2" to 18-1/2"</p>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	—	43.54 (96.0)	<b>SX18-561L</b> ②③
 <p><b>1-1/2" Deep;</b> 561L box on SX115 stud bar hanger; Adjusts from 11-1/2" to 18-1/2"</p>	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	—	44.91 (99.0)	<b>SX115-561L</b> ③

① 3-1/2" Cover Hole Centerline.

② Not UL Listed.

③ Not fan box rated.

# Outlet and Switch Boxes

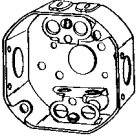
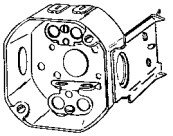
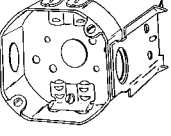
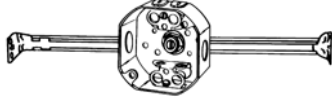
## 4" Octagon Boxes

With Armored Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 <p><b>1-1/2" Deep</b> Two nail holes each end</p>	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	27.67 (61.0)	<b>551L</b> (54151X)
 <p><b>1-1/2" Deep</b> JB Bracket set flush; Gauging Notches 3/8" &amp; 1/2"</p>	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	33.57 (74.0)	<b>551LJB</b>
 <p><b>2-1/8" Deep</b> JB Bracket set back 1"; Gauging Notches 3/8" &amp; 1/2"</p>	2-1/8	21.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	38.10 (84.0)	<b>551LDJB</b>
 <p><b>1-1/2" Deep</b> 551L box on SX115 stud bar hanger; Adjusts from 11-1/2" to 18-1/2"</p>	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	—	46.72 (103.0)	<b>SX115-551L ②</b>



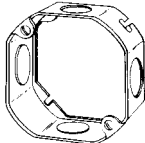
① 3-1/2" Cover Hole Centerline.  
② Not fan box rated.

# Outlet and Switch Boxes

## 4" Octagon Box Extension Rings

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 <p><b>1-1/2" Deep</b></p>	1-1/2	15.5	—	(4) 1/2"	—	—	16.78 (37.0)	<b>4OE-1/2</b> (551511/2)
 <p><b>1-1/2" Deep</b></p>	1-1/2	15.5	—	(2) 1/2" (2) 3/4"	—	—	17.69 (39.0)	<b>4OE-3/4</b> (551513/4)
 <p><b>1-1/2" Deep</b></p>	1-1/2	15.5	—	(2) 1/2"	—	—	44.91 (99.0)	<b>4OE-SPL</b> (55151-SPL)




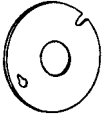


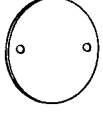
① 3-1/2" Cover Hole Centerline.

# Outlet and Switch Boxes

## 4" Octagon and Round Covers

For 4" Octagon and Round Boxes

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description	Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
 <b>1/2" Raised</b>	1/2" Raised	3.5	Ears 2-3/4" C to C	8.16 (18.0)	<b>8409A</b> (54C31/2)
 <b>5/8" Raised</b>	5/8" Raised	4.5	Ears 2-3/4" C to C	9.07 (20.0)	<b>8409</b> (54C33/4)
 <b>Flat</b>	Flat	3.5	Blank	11.79 (26.0)	<b>8403</b> (5401)
 <b>Flat</b>	Flat	0.0	1/2" Knockout	11.79 (26.0)	<b>8413</b> (54C6)
 <b>Flat</b>	Flat	0.0	One Single Flush Receptacle 1-13/32" D	9.53 (21.0)	<b>8419LR</b> (54-S)
 <b>Flat</b>	Flat	0.0	Duplex Receptacle	8.62 (19.0)	<b>8420LR</b> (54-D)
 <b>Beveled</b>	Beveled (White)	0.0	Blank	11.79 (26.0)	<b>WCRB4W</b>

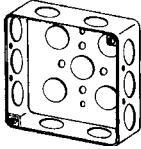
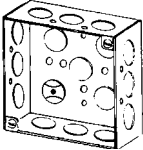

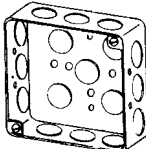
① 3-1/2" Cover Hole Centerline.

# Outlet and Switch Boxes

## 4" Square Boxes - 1-1/2" Deep

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <b>1-1/4" Deep, Drawn</b>	1-1/4	18.0	(10) 1/2"	—	(5) 1/2"	27.67 (61.0)	<b>4SL-1/2</b> (52141-1/2)
 <b>1-1/2" Deep, Welded</b>	1-1/2	21.0	(12) 1/2"	—	(4) 1/2"	33.11 (73.0)	<b>4S-1/2</b> (52151-1/2)
	1-1/2	21.0	(12) 1/2"	—	(4) 1/2"	33.11 (73.0)	<b>4S-1/2RD</b> ①
 <b>1-1/2" Deep, Drawn</b>	1-1/2	21.0	(12) 1/2"	—	(5) 1/2"	33.11 (73.0)	<b>4S1/2-DR</b> (52151-1/2)
 <b>1-1/2" Deep, Welded</b>	1-1/2	21.0	(8) 3/4"	—	(2) 1/2" (2) 3/4"	30.39 (67.0)	<b>4S-3/4</b> (52151-3/4)
	1-1/2	21.0	(8) 3/4"	—	(2) 1/2" (2) 3/4"	30.39 (67.0)	<b>4S3/4-DR</b> (52151-3/4)

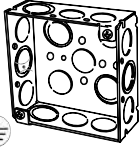
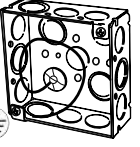
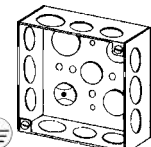
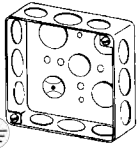
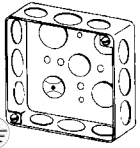

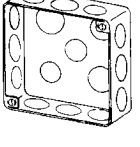
① For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4" Square Boxes - 1-1/2" Deep

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 1-1/2" Deep, Welded	1-1/2	21.0	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	32.66 (72.0)	<b>4SEK</b>
 1-1/2" Deep, Welded	1-1/2	21.0	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	32.66 (72.0)	<b>4SEKP</b> ①
 1-1/2" Deep, Welded	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(2) 1/2" (2) 3/4"	33.11 (73.0)	<b>4S-SPL</b> (52151-SPL)
 1-1/2" Deep, Drawn	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(2) 1/2" (2) 3/4"	33.11 (73.0)	<b>4S-SPL-DR</b> (52151-SPL)
 1-1/2" Deep, Drawn	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	33.11 (73.0)	<b>4S-SPL-DRRD</b> ②
 1-1/2" Deep, Drawn	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 1/2"	33.11 (73.0)	<b>4S-SPL-DRP</b> ①
 Plenum Box; 1-1/2" Deep, Drawn; Without any holes and with reset knockouts (Screws supplied with cover, Catalog number 8465P)	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	31.75 (70.0)	<b>4SP</b>

① Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

② For fire alarm circuits. Red powder coat finish.

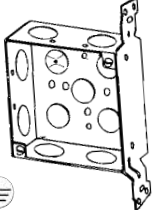
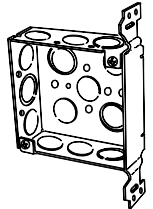
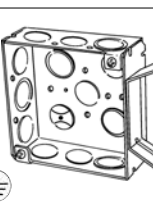
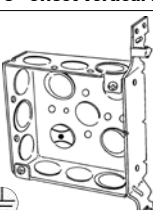
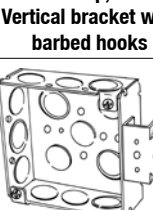
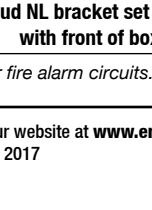


# Outlet and Switch Boxes

## 4" Square Boxes - 1-1/2" Deep

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <b>1-1/2" Deep, Welded; Plain vertical bracket</b>	1-1/2	21.0	(6) 3/4"	—	(2) 1/2" (2) 3/4"	36.74 (81.0)	<b>4SVB3/4PL</b> (52151-V-3/4)
 <b>1-1/2" Deep, Welded; Plain vertical bracket</b>	1-1/2	21.0	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	36.74 (81.0)	<b>4SVB-EK-PL</b>
 <b>1-1/2" Deep, Welded; Plain vertical bracket</b>	1-1/2	21.0	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	36.74 (81.0)	<b>4SVB-EK-PLRD</b> ①
 <b>1-1/2" Deep, Welded; 1-3/8" offset vertical bracket</b>	1-1/2	21.0	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	40.37 (89.0)	<b>4SOB-EK</b>
 <b>1-1/2" Deep, Welded; Vertical bracket with barbed hooks</b>	1-1/2	21.0	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	<b>4SAB-EK</b>
 <b>1-1/2" Deep, Welded; Stud NL bracket set flush with front of box</b>	1-1/2	21.0	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	35.38 (78.0)	<b>4SB-EK</b> (52151-B-1/2)

① For fire alarm circuits. Red powder coat finish.

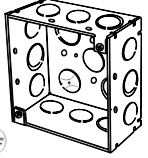



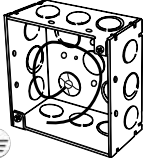

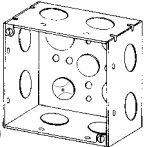

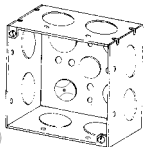

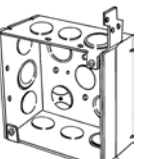

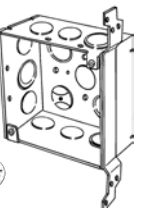
# Outlet and Switch Boxes

## 4" Square Boxes - 1-1/2" Deep

With Knockouts

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
	2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	<b>4SD-EK</b>
  Red Box Option	2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	<b>4SD-EKRD</b> ①
<b>2-1/8" Deep, Welded</b>							
  With Green Ground Wire	2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	<b>4SD-EKP</b> ②
<b>2-1/8" Deep, Welded</b>							
 	2-1/8	30.3	(8) 3/4"	—	(3) 1/2" (2) 3/4"	38.10 (84.0)	<b>4SD-3/4</b> (52171-3/4)
<b>2-1/8" Deep, Welded</b>							
 	2-1/8	30.3	(8) 1"	—	(3) 1/2" (2) 3/4"	38.10 (84.0)	<b>4SD-1</b> (52171-1)
<b>2-1/8" Deep, Welded</b>							
 	2-1/8	30.3	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	47.17 (104.0)	<b>4SDVB-EK-PL</b>
  2-1/8" Deep, Welded; Plain vertical bracket; Set flush with front of box	2-1/8	30.3	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	47.17 (104.0)	<b>4SDVB-EK-PLRD</b> ①

① For fire alarm circuits. Red powder coat finish.

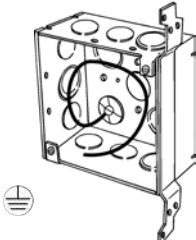
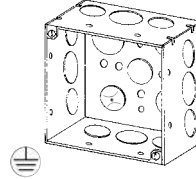

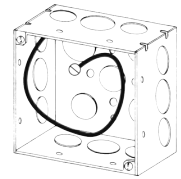
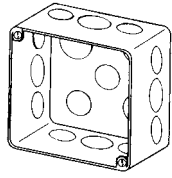
② Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## 4" Square Boxes - 2-1/8" Deep

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <p>2-1/8" Deep, Welded; Plain vertical bracket; Set flush with front of box</p>	2-1/8	30.3	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	47.17 (104.0)	4SDVB-EK-PLP ①
 <p>2-1/8" Deep, Welded</p>	2-1/8	30.3	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	38.56 (85.0)	4SD-SPL (52171-SPL)
 <p>2-1/8" Deep, Welded</p>	2-1/8	30.3	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	38.56 (85.0)	4SD-SPLRD ②
 <p>2-1/8" Deep, Welded</p>	2-1/8	30.3	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	38.56 (85.0)	4SD-SPLP ①
 <p>Plenum Box, 2-1/8" Deep, Drawn; Without any holes and with reset knockouts (Screws supplied with cover, catalog number 8465P)</p>	2-1/8	30.3	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	38.10 (84.0)	4SPD

① Provided with green ground screw and 10' long No. 12 AWG solid, insulated green ground wire.

② For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4" Square Boxes

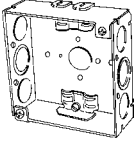
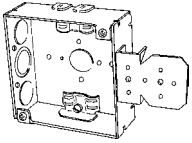
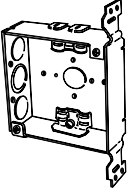
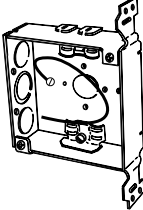
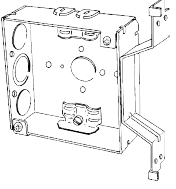
With Nonmetallic Sheathed Cable Clamps

NEC/CEC:

Listed for Ordinary Locations

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 <p><b>1-1/2" Deep, Welded Nail holes</b></p>	1-1/2	21.0	CL-26	(4) 1/2" (2) Eccentric KO	(4) 2 1/32"	(1) 1/2"	33.57 (74.0)	<b>4SR-EK</b>
 <p><b>1-1/2" Deep, Welded; Stud NL Bracket set flush with front of box</b></p>	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 2 1/32"	(1) 1/2"	39.92 (88.0)	<b>4SRB-EK</b>
 <p><b>1-1/2" Deep, Welded; 1-3/8" offset vertical bracket; Set flush with front of box</b></p>	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 2 1/32"	(1) 1/2"	38.10 (84.0)	<b>4SRVB-EK-PL</b>
 <p><b>1-1/2" Deep, Welded; Plain vertical bracket</b></p> <p>With Green Ground Wire</p>	1-1/2	21.0	CL-26	(2) 1/2"	(4) 2 1/32"	(1) 1/2"	38.10 (84.0)	<b>4SRVB-EK-PLP</b> ①
 <p><b>1-1/2" Deep, Welded; 1-3/8" offset vertical bracket; Set flush with front of box</b></p>	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 2 1/32"	(1) 1/2"	42.64 (94.0)	<b>4SROB-EK</b>

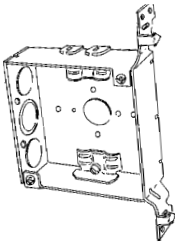
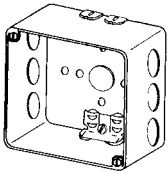
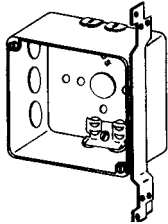
① Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## 4" Square Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 <p><b>1-1/8" Deep, Welded; Vertical bracket with barbed hooks</b></p>	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	39.92 (88.0)	4SRAB-EK
 <p><b>2-1/8" Deep, Drawn Nail holes</b></p>	2-1/8	30.3	CL-26	(6) 1/2"	(4) 21/32"	(1) 1/2"	40.82 (90.0)	4SRD
 <p><b>2-1/8" Deep, Drawn; Plain vertical bracket flush with front of box</b></p>	2-1/8	30.3	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	45.36 (100.0)	4SRDVB-PL

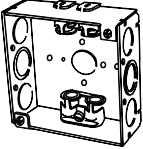
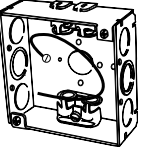
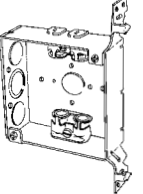
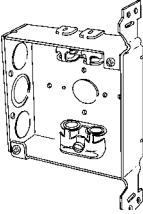
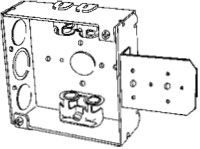
# Outlet and Switch Boxes

## 4" Square Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 <b>1-1/2" Deep, Welded</b>	1-1/2	21.0	CL-13	(4) 1/2" (2) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	<b>4SX-EK</b> (52151VB)
 <b>1-1/2" Deep, Welded</b> With Green Ground Wire	1-1/2	21.0	CL-13	(4) 1/2" (2) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	<b>4SX-EKP</b> ①
 <b>1-1/2" Deep, Welded; Vertical bracket with barbed hooks</b>	1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	<b>4SXAB-EK</b> (52151VB)
 <b>1-1/2" Deep, Welded; Plain vertical bracket</b>	1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	51.71 (114.0)	<b>4SXVB-EK-PL</b>
 <b>1-1/2" Deep, Welded; Plain NL bracket set flush with front of box</b>	1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	52.62 (116.0)	<b>4SXB-EK-PL</b>

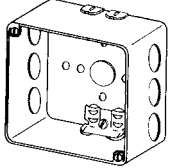
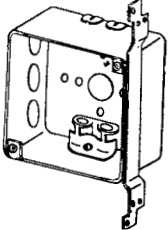
① Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## 4" Square Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC/CEC:  
Listed for Ordinary Locations

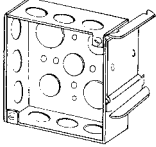
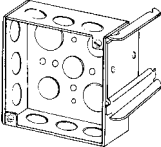
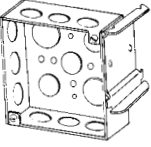
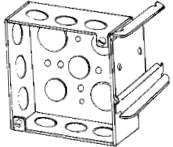
	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 <p><b>2-1/8" Deep, Drawn</b></p>	2-1/8	30.3	CL-13	(6) 1/2"	(4) 21/32"	(1) 1/2"	45.36 (100.0)	<b>4SXD</b>
 <p><b>2-1/8" Deep, Drawn; Plain vertical bracket; Set flush with front of box</b></p>	2-1/8	30.3	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	51.71 (114.0)	<b>4SXDVB-PL</b>

# Outlet and Switch Boxes

## 4" Square Boxes with Snap-In Brackets

For 2-1/2" and 3-5/8" Metal Studs

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Stud Size (Inches)	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
					Sides	Ends	Bottom		
 <b>1-1/2" Deep, Welded;</b> <b>For 2-1/2" metal stud</b>	1-1/2	2-1/2	21.0	—	(9) 1/2"	—	(5) 1/2"	41.73 (92.0)	<b>4S1/2-SB2-1/2</b>
 <b>1-1/2" Deep, Welded;</b> <b>For 3-5/8" metal stud</b>	1-1/2	3-5/8	21.0	—	(9) 1/2"	—	(5) 1/2"	46.27 (102.0)	<b>4S1/2-SB3-5/8</b>
 <b>1-1/2" Deep, Welded;</b> <b>For 2-1/2" metal stud</b>	1-1/2	2-1/2	21.0	—	(6) 1/2" (3) 3/4"	—	(3) 1/2" (2) 3/4"	41.73 (92.0)	<b>4S-SPL-SB2-1/2</b>
 <b>1-1/2" Deep, Welded;</b> <b>For 3-5/8" metal stud</b>	1-1/2	3-5/8	21.0	—	(6) 1/2" (3) 3/4"	—	(3) 1/2" (2) 3/4"	46.27 (102.0)	<b>4S-SPL-SB3-5/8</b>

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

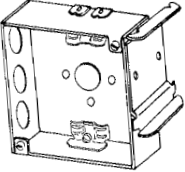
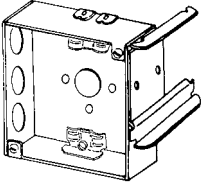
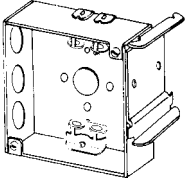
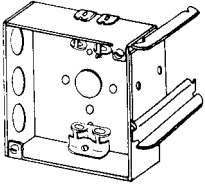


# Outlet and Switch Boxes

## 4" Square Boxes with Snap-In Brackets

For 2-1/2" and 3-5/8" Metal Studs

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Stud Size (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
					Sides	Ends	Bottom		
<b>With Nonmetallic Sheathed Cable Clamps</b>									
	1-1/2	2-1/2	21.0	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	42.18 (93.0)	4SR-SB2-1/2
<b>1-1/2" Deep, Welded For 2-1/2" metal stud</b>									
	1-1/2	3-5/8	21.0	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	46.72 (103.0)	4SR-SB3-5/8
<b>1-1/2" Deep, Welded For 3-5/8" metal stud</b>									
<b>With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC) Clamps</b>									
	1-1/2	2-1/2	21.0	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	53.98 (119.0)	4SX-SB2-1/2
<b>1-1/2" Deep, Welded For 2-1/2" metal stud</b>									
	1-1/2	3-5/8	21.0	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	58.51 (129.0)	4SX-SB3-5/8
<b>1-1/2" Deep, Welded For 3-5/8" metal stud</b>									

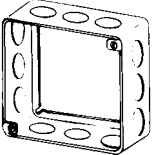
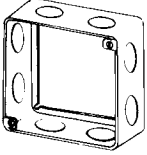
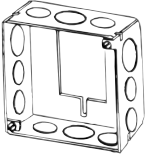
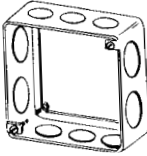
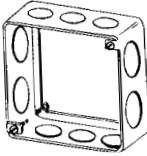
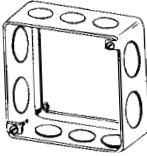
# Outlet and Switch Boxes

## 4" Square Box Extension Rings and Thru-Ring

With Knockouts

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <b>Extension Ring</b> 1-1/2" Deep, Drawn Top: Two 8-32 screws Bottom: Two slide-on slots	1-1/2	21.0	(12) 1/2"	—	—	19.96 (44.0)	<b>4SE-1/2</b>
 <b>Extension Ring</b> 1-1/2" Deep, Drawn Top: Two 8-32 screws Bottom: Two slide-on slots	1-1/2	21.0	(8) 3/4"	—	—	19.96 (44.0)	<b>4SE-3/4</b> (53151-3/4)
 <b>Extension Ring</b> 1-1/2" Deep, Welded Top: Two 8-32 screws Bottom: Cutout for switch or handy box	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	—	29.03 (64.0)	<b>4SSBE-SPL</b>
Red Box Option  <b>Combo Extension-Thru-Ring</b> 1-1/2" Deep, Drawn Top: Two 8-32 screws Bottom: Two 8-32 screws and two slide-on screws	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	—	29.03 (64.0)	<b>4SSBE-SPLRD</b> ①
 <b>Combo Extension-Thru-Ring</b> 1-1/2" Deep, Drawn Top: Two 8-32 screws Bottom: Two 8-32 screws and two slide-on screws	1-1/2	21.0	(6) 1/2" (4) 3/4"	—	—	21.32 (47.0)	<b>4SES</b> (53151-1/2)
Red Box Option  <b>Combo Extension-Thru-Ring</b> 1-1/2" Deep, Drawn Top: Two 8-32 screws Bottom: Two 8-32 screws and two slide-on screws	1-1/2	21.0	(6) 1/2" (4) 3/4"	—	—	21.32 (47.0)	<b>4SESRD</b> ①

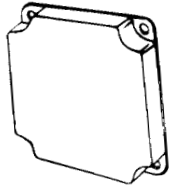
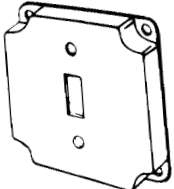
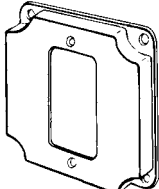
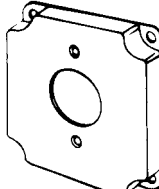
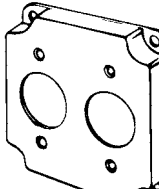
① For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4" Square Covers

Raised Surface Covers

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <p><b>1/2" Raised</b></p>	1/2	7.0	Blank	20.41 (45.0)	8360
 <p><b>1/2" Raised</b></p>	1/2	7.0	One Toggle Switch	19.96 (44.0)	8361 (52-1T)
 <p><b>1/2" Raised</b></p>	1/2	7.0	One GFCI Device	15.88 (35.0)	8362
 <p><b>1/2" Raised</b> <b>1-13/32" Opening</b></p>	1/2	7.0	One Single Flush Receptacle 1-13/32" D	18.14 (40.0)	8363
 <p><b>1/2" Raised</b> <b>1-13/32" Openings</b></p>	1/2	7.0	Two Single Flush Receptacles 1-13/32" D	17.24 (38.0)	8364

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

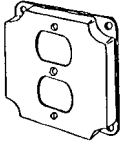
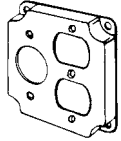
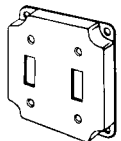
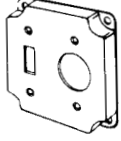
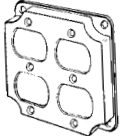
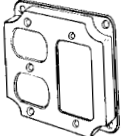
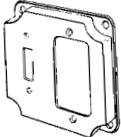
# Outlet and Switch Boxes

## 4" Square Covers

Raised Surface Covers

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 1/2" Raised	1/2	7.0	One Duplex Flush Receptacle ①	16.33 (36.0)	8365N
 1/2" Raised	1/2	7.0	One Duplex Flush Receptacle ①, One Single Flush Receptacle 1-13/32" D	14.97 (33.0)	8366
 1/2" Raised	1/2	7.0	Two Toggle Switches	19.05 (42.0)	8367 (52-2T)
 1/2" Raised 1-13/32" Opening	1/2	7.0	One Toggle Switch, One Single Flush Receptacle 1-13/32" D	17.69 (39.0)	8368
 1/2" Raised	1/2	7.0	Two Duplex Flush Receptacles ①	14.97 (33.0)	8371N
 1/2" Raised	1/2	7.0	One Duplex Flush, One GFCI Device ①	14.51 (32.0)	8373N
 1/2" Raised	1/2	7.0	One Toggle Switch, One GFCI Device	17.24 (38.0)	8374

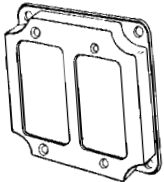
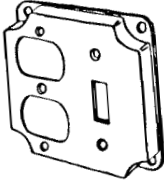
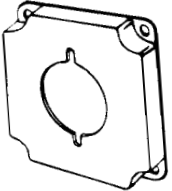
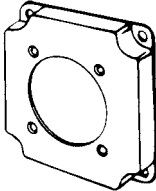
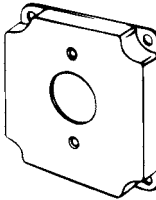
① Extra mounting screws and nuts provided.

# Outlet and Switch Boxes

## 4" Square Covers

Raised Surface Covers

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <p><b>1/2" Raised</b></p>	1/2	7.0	Two GFCI or Decora Switches	20.41 (45.0)	<b>8362N</b>
 <p><b>1/2" Raised</b></p>	1/2	7.0	One Toggle Switch, One Duplex Flush ①	20.41 (45.0)	<b>8375N</b>
 <p><b>1/2" Raised 2-9/64" Opening</b></p>	1/2	7.0	30-50A Single Flush Receptacle 2-9/64" D	19.96 (44.0)	<b>8377</b>
 <p><b>1/2" Raised 2-1/2" Opening</b></p>	1/2	7.0	One Single Flush Receptacle 2-1/2" D	15.88 (35.0)	<b>8378</b>
 <p><b>1/2" Raised 1-19/32" Opening</b></p>	1/2	7.0	20A Twist Lock Receptacle 1-19/32" D	18.14 (40.0)	<b>8379 (52R54)</b>

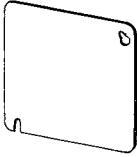
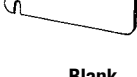
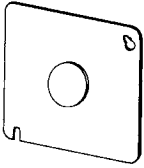

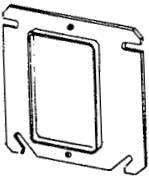
① Extra mounting screws and nuts provided.

# Outlet and Switch Boxes

## 4" Square Covers

Flat Covers and Single Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
<b>Flat Covers</b>					
	Flat	—	Blank	14.51 (32.0)	<b>8465</b> (52C1)
<b>Blank</b>	Flat	—	Blank	14.51 (32.0)	<b>8465RD</b> ①
	Flat	—	1/2" KO	14.51 (32.0)	<b>8474</b> (52C6)
<b>1/2" KO</b>					
	Flat	—	Blank Plenum Box Cover Gasketed with Two Captive Screws	15.88 (35.0)	<b>8465P</b>
<b>Plenum box cover with gasket and screws</b>					
<b>Single Device</b>					
	1/4	1.5	Single Device	9.98 (22.0)	<b>8468WB</b> (52C36)
<b>1/4" Raised</b>					
	Flat	0.0	Single Device	9.53 (21.0)	<b>8468F</b> (52C-0)
<b>Flat</b>					

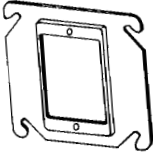
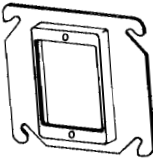
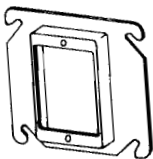
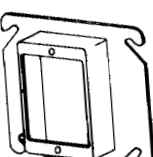
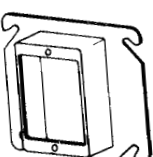
① For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4" Square Covers

Single Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <b>1/4" Raised</b>	1/4	2.0	Single Device	10.43 (23.0)	<b>8468B</b> (52C62)
 <b>1/2" Raised</b>	1/2	3.5	Single Device - Drawn	12.70 (28.0)	<b>8468A</b> (52C13)
 <b>5/8" Raised</b>	5/8	4.5	Single Device - Drawn	12.70 (28.0)	<b>8468C</b> (52C14-5/8)
 <b>3/4" Raised</b>	3/4	5.5	Single Device - Drawn	14.51 (32.0)	<b>8468</b> (52C14)
 <b>1" Raised</b>	1	7.5	Single Device - Drawn	16.33 (36.0)	<b>8466A</b> (52C15)
 <b>1-1/4" Raised</b>	1-1/4	9.5	Single Device - Drawn	18.14 (40.0)	<b>8466</b> (52C16)

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## 4" Square Covers

Single Device - Ceiling Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <b>1/4" Raised</b>	1/4	1.5	Ears 2-3/4" C to C Open	9.98 (22.0)	<b>8461E</b> (52C3-1/4)
 <b>1/2" Raised</b>	1/2	3.5	Ears 2-3/4" C to C Open	10.89 (24.0)	<b>8461A</b> (52C3-1/2)
 <b>5/8" Raised</b>	5/8	4.5	Ears 2-3/4" C to C Open	11.79 (26.0)	<b>8461</b> (52C)
 <b>3/4" Raised</b>	3/4	5.0	Ears 2-3/4" C to C Open	12.70 (28.0)	<b>8461B</b> (52C3-3/4)
 <b>1" Raised</b>	1	7.0	Ears 2-3/4" C to C Open	24.49 (54.0)	<b>8461C</b> (52C3-1)
 <b>1-1/4" Raised</b>	1-1/4	9.0	Ears 2-3/4" C to C Open	33.11 (73.0)	<b>8461D</b> (52C3-1-1/4)

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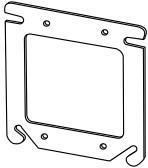
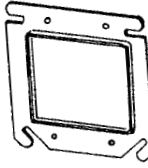
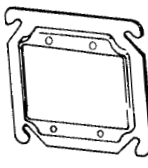
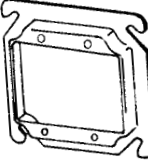
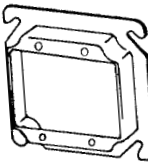
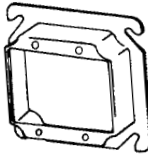


# Outlet and Switch Boxes

## 4" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 Flat	Flat	0.0	Double Device	5.89 (13.0)	<b>8470F</b> (52C-00)
 1/4" Raised	1/4	3.5	Double Device	7.71 (17.0)	<b>8470WB</b> (52C37)
 1/4" Raised	1/4	3.0	Double Device	5.89 (13.0)	<b>8470B</b> (52C20)
 1/2" Raised	1/2	6.0	Double Device	9.07 (20.0)	<b>8470A</b> (52C17)
 5/8" Raised	5/8	8.0	Double Device	9.98 (22.0)	<b>8470C</b> (52C185/8)
 3/4" Raised	3/4	9.0	Double Device	10.89 (24.0)	<b>8470</b> (52C18)

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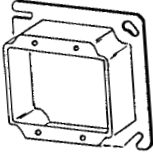
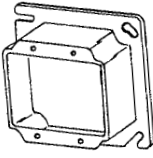
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## 4" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 1" Raised	1	12.0	Double Device	13.61 (30.0)	8469A (52C19)
 1-1/4" Raised	1-1/4	15.0	Double Device	18.14 (40.0)	8469B (52C21)

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS



# Outlet and Switch Boxes

## 4" Square Tile Covers

Single Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 Flat	1/2	3.5	Single Device	13.61 (30.0)	<b>846-50</b> (52C49-1/2)
 1/4" Raised	3/4	5.8	Single Device	15.88 (35.0)	<b>846-75</b> (52C49-3/4)
 1/4" Raised	1	7.5	Single Device	18.14 (40.0)	<b>846-100</b> (52C49-1)
 1/2" Raised	1-1/4	9.3	Single Device	20.87 (46.0)	<b>846-125</b> (52C49-1-1/4)
 5/8" Raised	1-1/2	11	Single Device	23.59 (52.0)	<b>846-150</b> (52C50-1-1/2)
 3/4" Raised	2	14.8	Single Device	29.03 (64.0)	<b>846-200</b> (52C51-2)

# Outlet and Switch Boxes

## 4" Square Tile Covers

Double Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <b>1/2" Raised</b>	1/2	3.5	Single Device	13.61 (30.0)	<b>847-50</b> (52C52-1/2)
 <b>3/4" Raised</b>	3/4	5.8	Single Device	15.88 (35.0)	<b>847-75</b> (52C52-3/4)
 <b>1" Raised</b>	1	7.5	Single Device	18.14 (40.0)	<b>847-100</b> (52C5-1)
 <b>1-1/4" Raised</b>	1-1/4	9.3	Single Device	20.87 (46.0)	<b>847-125</b> (52C52-1-1/4)
 <b>1-1/2" Raised</b>	1-1/2	11	Single Device	23.59 (52.0)	<b>847-150</b> (52C53-1-1/2)
 <b>2" Raised</b>	2	14.8	Single Device	29.03 (64.0)	<b>847-200</b> (52C54-2)

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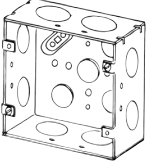
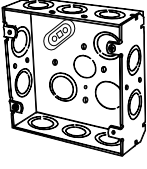
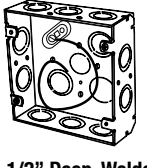
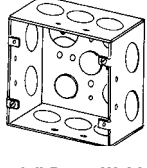
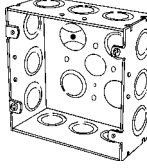
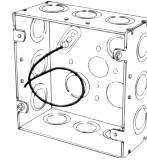
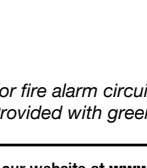
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## 4-11/16" Square Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <p><b>1-1/2" Deep, Welded</b></p>	1-1/2	29.5	(8) 3/4"	—	(2) 1/2" (2) 3/4"	39.46 (87.0)	<b>4SJ-3/4</b> (72151-3/4)
 <p><b>1-1/2" Deep, Welded</b></p>	1-1/2	29.5	(10) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	39.92 (88.0)	<b>4SJ-EK</b> (72151-SPL)
 <p><b>1-1/2" Deep, Welded</b></p>	1-1/2	29.5	(10) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	39.92 (88.0)	<b>4SJ-EKP</b> ②
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	42.0	(10) 3/4"	—	(2) 1/2" (2) 3/4"	47.17 (104.0)	<b>4SJD-3/4</b> (72171-3/4)
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	<b>4SJD-EK</b> (72171-SPL)
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	<b>4SJD-EKRD</b> ①
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	<b>4SJD-EKP</b> ②

① For fire alarm circuits. Red powder coat finish.

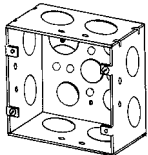
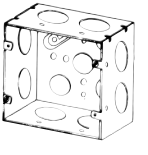
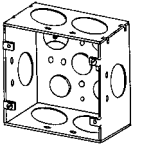
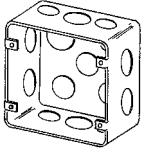
② Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## 4-11/16" Square Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

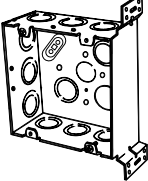
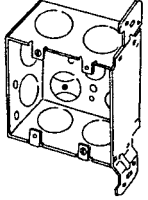
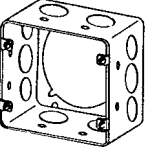
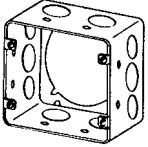
	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <p><b>2-1/8 Deep, Welded</b></p>	2-1/8	42.0	(4) 3/4" (4) 1"	—	(2) 1/2" (2) 3/4"	48.99 (108.0)	<b>4SJD-3/4-1</b> (72171-3/4-1-SPL)
 <p><b>2-1/8 Deep, Welded</b></p>	2-1/8	42.0	(8) 1"	—	(2) 1/2" (2) 3/4"	43.99 (97.0)	<b>4SJD-1</b> (72171-1)
 <p><b>2-1/8 Deep, Welded</b></p>	2-1/8	42.0	(6) 1-1/4"	—	(2) 1/2" (2) 3/4"	48.08 (106.0)	<b>4SJD-1-1/4</b> (72171-1-1/4)
 <p><b>Plenum Box 2-1/8 Deep, Drawn</b> (Screws supplied with cover, catalog number 8487P)</p>	2-1/8	42.0	(4) 1/2" (6) 3/4"	—	(3) 1/2" (2) 3/4"	48.99 (108.0)	<b>4SPJD</b>

# Outlet and Switch Boxes

## 4-11/16" Square Boxes and Extension Rings

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)	
			Sides	Ends	Bottom			
<b>4-11/16" Square Boxes</b>								
	2-1/8	42.0	(9) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	56.25 (124.0)	<b>4SJD-EK-VB</b>	
<b>2-1/8" Deep, Welded Offset vertical bracket flush with front of box</b>								
	2-1/8	42.0	(6) 1"	—	(2) 1/2" (2) 3/4"	56.25 (124.0)	<b>4SJD-1-VB</b>	
<b>2-1/8" Deep, Welded Offset vertical bracket flush with front of box</b>								
<b>4-11/16" Square Box Extension Rings</b>								
	2-1/8	42.0	(4) 1/2" (6) 3/4"	—	—	29.94 (66.0)	<b>4SJDE-1/2-3/4</b>	
<b>2-1/8" Deep, Drawn 8-32 tapped holes and slide-on screw slots in bottom</b>	Red Box Option	2-1/8	42.0	(4) 1/2" (6) 3/4"	—	—	29.94 (66.0)	<b>4SJDE-1/2-3/4RD</b> ①
	2-1/8	42.0	(8) 1"	—	—	29.94 (66.0)	<b>4SJDE-1</b>	
<b>2-1/8" Deep, Drawn 8-32 tapped holes and slide-on screw slots in bottom</b>								

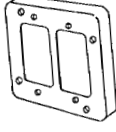
① For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4-11/16" Square Covers

Raised Surface

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <b>1/2" Raised</b>	1/2	10.0	One GFCI Device	22.68 (50.0)	<b>8484</b>
 <b>1/2" Raised</b>	1/2	10.0	One Toggle Switch, One GFCI Device	22.68 (50.0)	<b>8484A</b>
 <b>1/2" Raised</b>	1/2	10.0	One Duplex Receptacle, One GFCI Device ①	20.41 (45.0)	<b>8484BN</b>
 <b>1/2" Raised</b>	1/2	10.0	Two GFCI Device or Decora Switches	20.41 (45.0)	<b>8484N</b>
 <b>1/2" Raised</b>	1/2	10.0	One Toggle Switch	24.49 (54.0)	<b>8489</b>
 <b>1/2" Raised</b>	1/2	10.0	Two Toggle Switches	24.49 (54.0)	<b>8490</b>
 <b>1/2" Raised</b>	1/2	10.0	One Duplex Receptacle ①	22.68 (50.0)	<b>8491N</b>
 <b>1/2" Raised</b>	1/2	10.0	Blank	24.95 (55.0)	<b>8495</b>

① Extra mounting screws and nuts provided.

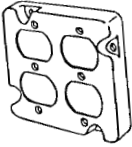
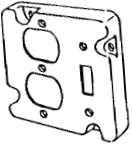
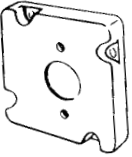
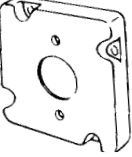
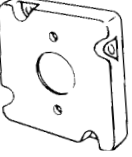
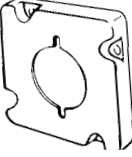
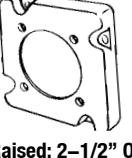


# Outlet and Switch Boxes

## 4-11/16" Square Covers

Raised Surface

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
	1/2	10.0	Two Duplex Receptacles ①	20.41 (45.0)	8492N
<b>1/2" Raised</b>					
	1/2	10.0	One Toggle Switch, One Duplex Receptacle ①	22.68 (50.0)	8493N
<b>1/2" Raised</b>					
	1/2	10.0	Single Receptacle 1-13/32" D	24.49 (54.0)	8494
<b>1/2" Raised; 1-13/32" Opening</b>					
	1/2	10.0	Single Receptacle 1-19/32" D	24.49 (54.0)	8496
<b>1/2" Raised; 1-19/32" Opening</b>					
	1/2	10.0	Twist Lock Receptacle 1-3/4" D	23.13 (51.0)	8497
<b>1/2" Raised; 1-3/4" Opening</b>					
	1/2	10.0	Single Receptacle 2-5/32" D	24.49 (54.0)	8498
<b>1/2" Raised; 2-5/32" Opening</b>					
	1/2	10.0	Single Receptacle 2-1/2" D	24.49 (54.0)	8499
<b>1/2" Raised; 2-1/2" Opening</b>					

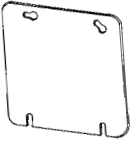
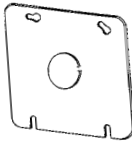
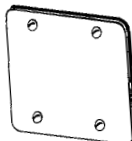

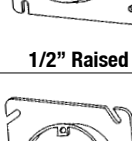
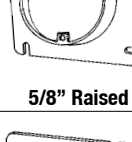
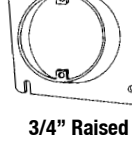
① Extra mounting screws and nuts provided.

# Outlet and Switch Boxes

## 4-11/16" Square Covers

Flat and Single - Ceiling Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
<b>Flat</b>					
	Flat	—	Blank	19.05 (42.0)	<b>8487</b> (72C1)
	Flat	—	Blank	19.05 (42.0)	<b>8487RD</b> ①
	Flat	—	One 1/2" Knockout	19.50 (43.0)	<b>8487K</b> (72C6)
	Flat	—	Blank Plenum Box Cover Gasketed with Four Captive Screws	21.77 (48.0)	<b>8487P</b>
<b>Single Device</b>					
	1/2	3.0	Ears 2-3/4" C to C	16.33 (36.0)	<b>8488A</b>
<b>1/2" Raised</b>					
	5/8	4.0	Ears 2-3/4" C to C	19.05 (42.0)	<b>8488B</b>
<b>5/8" Raised</b>					
	3/4	5.0	Ears 2-3/4" C to C	21.77 (48.0)	<b>8488C</b>
<b>3/4" Raised</b>					

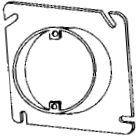
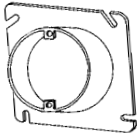
① For fire alarm circuits. Red powder coat finish.

# Outlet and Switch Boxes

## 4-11/16" Square Covers

Single Device - Ceiling Plaster Rings/Mud Rings

**NEC/CEC:**  
Listed for Ordinary Locations

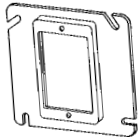
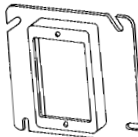
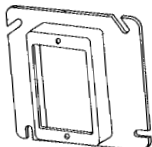
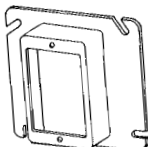
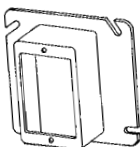
	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 <p><b>1" Raised</b></p>	1	7.0	Ears 2-3/4 C to C	27.22 (60.0)	8488D
 <p><b>1-1/4" Raised</b></p>	1-1/4	9.0	Ears 2-3/4 C to C	32.66 (72.0)	8488E

# Outlet and Switch Boxes

## 4-11/16" Square Covers

Single Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 1/4" Raised	1/4	2.5	Single Device	15.42 (34.0)	8485B
 1/2" Raised	1/2	4.0	Single Device	17.24 (38.0)	8485A (72C13)
 5/8" Raised	5/8	4.8	Single Device	17.69 (39.0)	8485C
 3/4" Raised	3/4	5.5	Single Device	18.14 (40.0)	8485 (72C14)
 1" Raised	1	6.3	Single Device	20.41 (45.0)	8485D
 1-1/4" Raised	1-1/4	8.0	Single Device	22.68 (50.0)	8485E

# Outlet and Switch Boxes

## 4-11/16" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 Flat	Flat	0.0	Double Devices	4.99 (11.0)	8486F
 1/4" Raised	1/4	2.8	Double Devices	5.44 (12.0)	8486B
 1/2" Raised	1/2	7.5	Double Devices	13.61 (30.0)	8486A (72C17)
 5/8" Raised	5/8	6.8	Double Devices	14.52 (32.0)	8486C
 3/4" Raised	3/4	8.5	Double Devices	16.33 (36.0)	8486
 1" Raised	1	11.3	Double Devices	18.14 (40.0)	8486D
 1-1/4" Raised	1-1/4	13.5	Double Devices	22.68 (50.0)	8486E

# Outlet and Switch Boxes

## 4-11/16" Square Tile Covers

Single Device and Double Device - Plaster Rings/Mud Rings

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
<b>Single Device</b>					
 1" Raised	1	6.8	Single Device	19.05 (42.0)	856-100
 1-1/4" Raised	1-1/4	9.5	Single Device	21.77 (48.0)	856-125
 1-1/2" Raised	1-1/2	11.3	Single Device	24.49 (54.0)	856-150
 2" Raised	2	15.0	Single Device	29.94 (66.0)	856-200
<b>Double Device</b>					
 1" Raised	1	12.5	Double Devices	18.14 (40.0)	857-100
 1-1/2" Raised	1-1/2	18.8	Double Devices	24.49 (54.0)	857-150
 2" Raised	2	24.5	Double Devices	31.75 (70.0)	857-200

Appleton OZGEDNEY



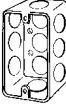

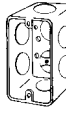
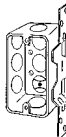
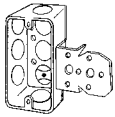
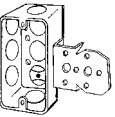
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## Handy Boxes

3-3/4" x 1-1/2" and 4" x 2-1/8" with Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
<b>3-3/4" x 1-1/2" with Knockouts</b>							
	1-1/2	7.0	(6) 1/2"	(2) 1/2"	(3) 1/2"	15.42 (34.0)	<b>4SS</b>
<b>1-1/2" Deep, Drawn</b>							
<b>4" x 2-1/8" with Knockouts</b>							
	1-1/4	9.5	(6) 1/2"	(2) 1/2"	(3) 1/2"	17.69 (39.0)	<b>4CSL-1/2</b> (58361-1/2)
<b>1-1/4" Deep, Drawn</b>							
	1-1/2	10.3	(6) 1/2"	(2) 1/2"	(3) 1/2"	20.87 (46.0)	<b>4SSLS-1/2</b> (58351-1/2)
<b>1-1/2" Deep, Drawn</b>							
	1-7/8	13.0	(6) 1/2"	(2) 1/2"	(2) 1/2"	23.59 (52.0)	<b>4CS-1/2</b> ① (58361-1/2)
<b>1-7/8" Deep, Drawn</b>							
	1-7/8	13.0	(4) 3/4"	(2) 3/4"	(1) 3/4"	22.23 (49.0)	<b>4CS-3/4</b> (58361-3/4)
<b>1-7/8" Deep, Drawn</b>							
	1-7/8	13.0	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	<b>4CSVB-1/2</b> (58361-V-1/2)
<b>1-7/8" Deep, Drawn; Plain vertical bracket; Set back 5/8"</b>							
	1-7/8	10.3	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	<b>4CS12NL-1/2</b>
<b>1-7/8" Deep, Drawn; NL bracket; Set back 1/2"</b>							
	1-7/8	10.3	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	<b>4CS12NL-5/8</b>
<b>1-7/8" Deep, Drawn; NL bracket; Set back 5/8"</b>							

① Add suffix **-C** for CSA Certification.

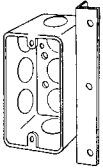
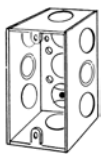
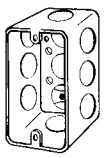
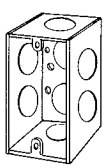
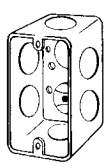
# Outlet and Switch Boxes

## Handy Boxes

4" x 2-1/8" with Knockouts

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 <p><b>1-7/8" Deep, Drawn; Plain vertical angle; Bracket set back 5/8"</b></p>	1-7/8	13.0	(3) 1/2"	(2) 1/2"	(3) 1/2"	29.94 (66.0)	<b>4CSX-1/2PL</b> (58361-A-1/2)
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	14.5	(4) 1/2" (2) Eccentric KO	(2) 1/2"	(2) 1/2"	24.49 (54.0)	<b>4SSL-EK</b> (58371-1/2)
 <p><b>2-1/8" Deep, Drawn</b></p>	2-1/8	14.5	(6) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	<b>4SSL1/2-DR</b> (58371-1/2)
 <p><b>2-1/8" Deep, Welded</b></p>	2-1/8	14.5	(4) 3/4"	(2) 3/4"	(2) 3/4"	24.49 (54.0)	<b>4SSL-3/4</b> (58371-3/4)
 <p><b>2-1/8" Deep, Drawn</b></p>	2-1/8	14.5	(4) 3/4"	(2) 3/4"	(1) 3/4"	24.49 (54.0)	<b>4SSL3/4-DR</b> (58371-3/4)

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

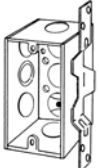
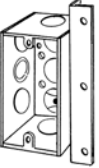
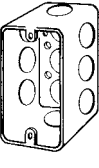
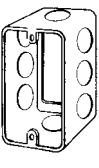
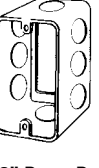


# Outlet and Switch Boxes

## Handy Boxes and Extension Ring

4" x 2-1/8" with Knockouts

NEC/CEC:  
Listed for Ordinary Locations

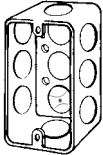
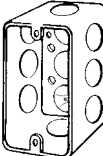
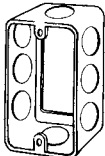
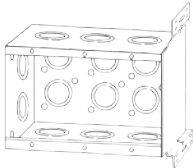
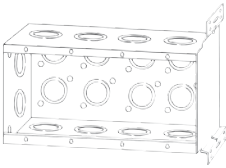
	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
<b>4" x 2-1/8" - with Knockouts</b>							
 <b>2-1/8" Deep, Welded Plain vertical bracket set back 3/4"</b>	2-1/8	14.5	(2) 1/2" (1) Eccentric	(2) 1/2"	(2) 1/2"	33.57 (74.0)	<b>4SSLVB-EK</b> (58371-F1/2)
 <b>2-1/8" Deep, Welded Plain vertical angle bracket set back 5/8"</b>	2-1/8	14.5	(2) 1/2" (1) Eccentric	(2) 1/2"	(2) 1/2"	32.21 (71.0)	<b>4SSLX-EKPL</b>
 <b>2-1/2" Deep, Drawn</b>	2-1/2	18.3	(6) 1/2"	(2) 1/2"	(3) 1/2"	28.58 (63.0)	<b>4SSLD-1/2</b> (58351-1/2)
<b>Extension Ring for 4" x 2-1/8" Handy Box with Knockouts</b>							
 <b>1-1/2" Deep, Drawn</b>	1-1/2	10.3	(6) 1/2"	(2) 1/2"	— With Slide on	16.33 (36.0)	<b>4SSLE-1/2</b> (59351)
 <b>1-7/8" Deep, Drawn</b>	1-7/8	13.0	(6) 1/2"	(2) 1/2"	— With Slide on	21.77 (48.0)	<b>4CSE1/2</b> (59361-1/2)

# Outlet and Switch Boxes

## Handy Boxes and Extension Rings

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
<b>4-1/8" x 2-3/8" with Knockouts</b>							
	1-3/4	15	(6) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	<b>180-1/2</b> (68361-1/2)
<b>1-3/4" Deep, Drawn</b>							
	2-1/4	18.3	(6) 1/2"	(2) 1/2"	(2) 1/2"	27.22 (60.0)	<b>181-1/2</b> (68371-1/2)
<b>2-1/4" Deep, Drawn</b>							
<b>Extension Ring for 4-1/8" x 2-3/8" Handy Box with Knockouts</b>							
	1-1/2	13.5	(6) 1/2"	(2) 1/2"	— With Slide on	17.69 (39.0)	<b>184E</b> (69351)
<b>1-1/2" Deep, Drawn</b>							
<b>4" Solid Gang with Knockouts</b>							
	2-1/2	46.5	(2) Concentric KO	(6) Concentric KO	(6) Concentric KO	67.59 (149.0)	<b>133APFB-1/2</b>
<b>2-1/2" Deep, Welded; Three Gang 5-7/16" Wide; Plain offset side combination bracket set back 1/2"</b>							
	2-1/2	67	(2) Concentric KO	(8) Concentric KO	(8) Concentric KO	78.02 (172.0)	<b>134APFB-1/2</b>
<b>2-1/2" Deep, Welded; Four Gang 7-3/8" Wide; Plain offset side combination bracket set back 1/2"</b>							

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## Handy Box Covers

For 3-3/4" x 1-1/2" and 4" x 2-1/8" Boxes

NEC/CEC:  
Listed for Ordinary Locations






	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
<b>For 3-3/4" x 1-1/2" 4SS Box</b>			
	Blank	5.44 (12.0)	<b>2520</b> (48C1)
<b>For 4" x 2-1/8" Boxes</b>			
	Blank	4.99 (11.0)	<b>2540</b> (58C1)
	One 1/2" Knockout	8.16 (18.0)	<b>2555</b> (58C6)
	Single Receptacle 1-19/32" D	4.54 (10.0)	<b>2538</b> (58C4)
	Single Receptacle 1-13/32" D	4.54 (10.0)	<b>2539</b> (58C5)
	Duplex Receptacle	3.63 (8.0)	<b>2510</b> (58C7)
	One Toggle Switch	4.54 (10.0)	<b>2594</b> (58C30)

# Outlet and Switch Boxes

## Handy Box Covers

4-1/8" x 2-3/8" Boxes

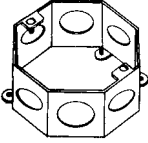
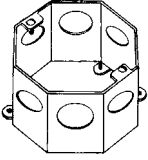
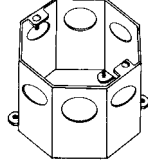
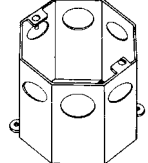
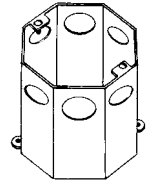
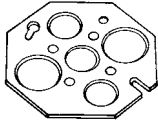
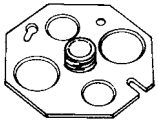
NEC/CEC:  
Listed for Ordinary Locations

	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
	Blank	5.89 (13.0)	<b>180A</b> (68C-1)
	One Toggle Switch	5.44 (12.0)	<b>180T</b> (68C-30)
	GFI Receptacle	4.08 (9.0)	<b>180G</b>
	Duplex Receptacle	4.08 (9.0)	<b>180W</b> (68C-7)
	Single Receptacle 1-13/32" D	4.54 (10.0)	<b>180X</b> (68C-5)

# Outlet and Switch Boxes

## 4" Octagon Concrete Boxes and Back Plates

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
<b>4" Octagon Concrete Boxes with 1/2" and 3/4" Single Row Knockouts ①</b>							
	2	25.0	(4) 1/2" (4) 3/4"	—	—	23.59 (52.0)	<b>OCR2</b> (54531)
	2-1/2	31.0	(4) 1/2" (4) 3/4"	—	—	31.75 (70.0)	<b>OCR2-1/2</b> (54541)
	3	37.0	(4) 1/2" (4) 3/4"	—	—	37.65 (83.0)	<b>OCR3</b> (54551)
	3-1/2	43.0	(4) 1/2" (4) 3/4"	—	—	45.36 (100.0)	<b>OCR3-1/2</b> (54561)
	4	49.0	(4) 1/2" (4) 3/4"	—	—	51.26 (113.0)	<b>OCR4</b> (54571)
<b>4" Octagon Back Plate, No Stud ②</b>							
	Flat	—	—	—	(3) 1/2" (2) 3/4"	13.61 (30.0)	<b>OCP</b> (54712)
<b>4" Octagon Back Plate, with 3/8" Fixture Stud ②</b>							
	Flat	—	—	—	(2) 1/2" (2) 3/4"	13.15 (29.0)	<b>OCP-3/8</b> (54717)

① Not rated for ceiling fan usage.

② Rings furnished with screws for back plates. Back plate mounting holes are designed to slide onto ring screws.

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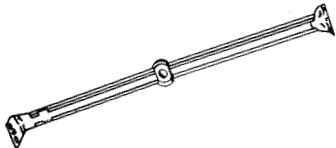
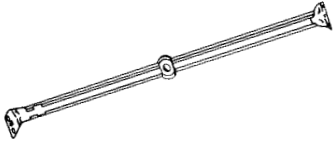
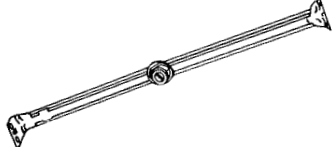
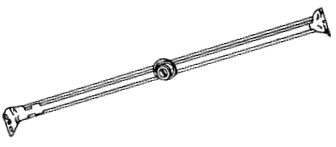
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## Adjustable Bar Hangers

With Slide-on Clip and with Slide-on Stud

NEC/CEC:  
Listed for Ordinary Locations

	Description	Weight per 100 kg (lb)	Catalog Number
<b>With Slide-on Clip</b> ①			
	Use between 14", 16", 18" and 20" joists	15.42 (34.0)	<b>SX18</b>
	Use between 18", 20", 22", 24" and 26" joists OC	22.68 (50.0)	<b>SX26</b>
<b>With Slide-on Stud</b>			
	Use between 14", 16", 18" and 20" joists OC	19.05 (42.0)	<b>SX115</b>
	Use between 18", 20", 22", 24" and 26" joists OC	23.59 (52.0)	<b>SX160</b>

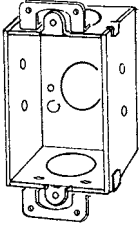
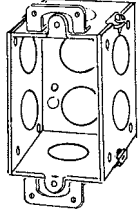
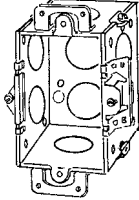
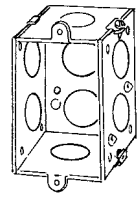
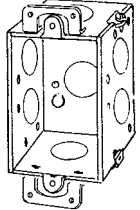
① Not rated for ceiling fan usage.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
	1-1/2	7.5	—	(2) 1/2"	(1) 1/2"	18.14 (40.0)	94 ①
<b>1-1/2" Deep, Welded; Plaster ears</b>							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	23.13 (51.0)	111 ①
<b>2" Deep, Gangable; Plaster ears</b>							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	111HB ①
<b>2" Deep, Gangable; "Loxbox" support on each side; Plaster ears</b>							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	21.32 (47.0)	111LE
<b>2" Deep, Gangable; Four nail holes, each side; side leveling bosses</b>							
	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	26.31 (58.0)	222 ①
<b>2-1/2" Deep, Gangable; Plaster ears</b>							

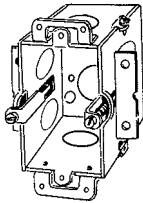
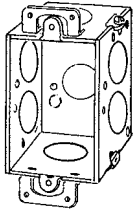
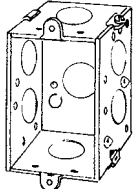
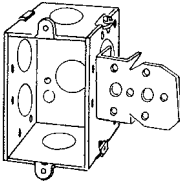
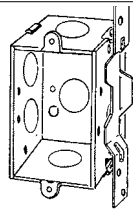
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 <p><b>2-1/2" Deep, Gangable Old work</b> -support clamps Plaster ears</p>	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	30.84 (68.0)	<b>222-OW</b> ①
 <p><b>2-1/2" Deep, Gangable; Plaster ears</b></p>	2-1/2	12.5	(4) 3/4"	(2) 3/4"	(1) 1/2"	26.31 (58.0)	<b>225</b> ①
 <p><b>2-1/2" Deep, Gangable;</b> <b>Four nail holes, each side;</b> <b>Side leveling bosses</b></p>	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	25.40 (56.0)	<b>222LE</b>
 <p><b>2-1/2" Deep, Gangable</b> <b>Stud NL bracket set back 1/2"</b></p>	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	29.94 (66.0)	<b>222NL</b>
 <p><b>2-1/2" Deep, Gangable;</b> <b>Plain vertical bracket set back 3/4"</b></p>	2-1/2	12.5	(2) 1/2"	(2) 1/2"	(1) 1/2"	27.22 (60.0)	<b>222VB-PL</b>

① Plaster ears support GFCI and decorative cover plates.

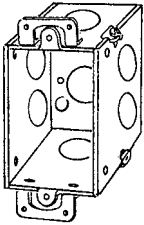
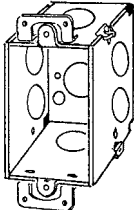
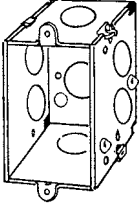
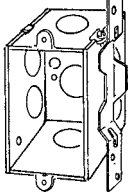
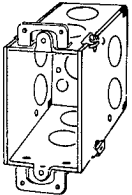


# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
	2-3/4	14.0	(4) 1/2"	(2) 1/2"	(1) 1/2"	28.58 (63.0)	333 ①
<b>2-3/4" Deep, Gangable; Plaster ears</b>							
	2-3/4	14.0	(4) 3/4"	(2) 3/4"	(1) 1/2"	29.03 (64.0)	335 ①
<b>2-3/4" Deep, Gangable Plaster ears</b>							
	2-3/4	14.0	(4) 1/2"	(2) 1/2"	(1) 1/2"	27.22 (60.0)	333LE
<b>2-3/4" Deep, Gangable; Two nail holes each side; side leveling bosses</b>							
	2-3/4	14.0	(2) 1/2"	(2) 1/2"	(1) 1/2"	30.40 (67.0)	333VB
<b>2-3/4" Deep, Gangable; Plain vertical bracket set back 3/4"</b>							
	3-1/2	14.0	(4) 1/2"	(4) 1/2"	(1) 1/2"	34.93 (77.0)	333D ①
<b>3-1/2" Deep, Gangable; Plaster ears</b>							

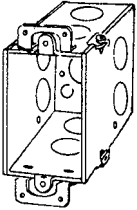
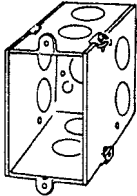
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 <p>3-1/2" Deep, Gangable; Plaster ears</p>	3-1/2	18.0	(4) 3/4"	(4) 3/4"	(1) 1/2"	35.38 (78.0)	336 ①
 <p>3-1/2" Deep, Gangable; Two nail holes each side</p>	3-1/2	18.0	(4) 1/2"	(4) 1/2"	(1) 1/2"	33.57 (74.0)	333D-LE

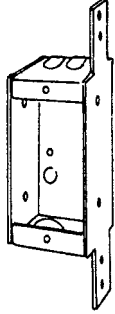
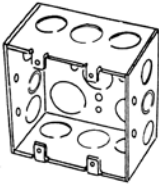
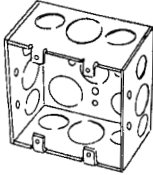
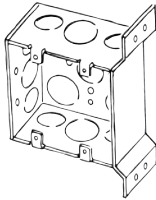
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3-3/4" x 2" and 4" Square Corner Switch Boxes

With Knockouts

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
<b>3-3/4" x 2" Square Corner Switch Box</b>							
	1	6.5	—	(1) 1/2" (2) 2 1/32"	—	16.78 (37.0)	SB1
<b>1" Deep, Welded; Plain flat vertical bracket perfect for remodeling</b>							
<b>4" Square Corner Switch Boxes</b>							
	2 1/8	30.3	(4) 1/2" (2) Eccentric	(6) 1/2"	(5) 1/2"	39.92 (88.0)	132APEK
<b>2-1/8" Deep, Welded; Two gang</b>							
	2 1/8	30.3	(4) 1/2" (2) 3/4"	(4) 1/2" (2) 3/4"	(3) 1/2" (2) 3/4"	39.92 (88.0)	132AP-SPL
<b>2-1/8" Deep, Welded; Two gang</b>							
	2 1/8	30.3	(2) 1/2" (1) 3/4"	(2) 1/2" (4) 3/4"	(3) 1/2" (2) 3/4"	45.36 (100.0)	132APFB-SPL
<b>2-1/8" Deep, Welded; Two gang plain vertical bracket</b>							

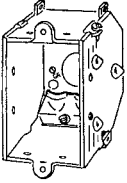
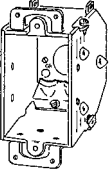
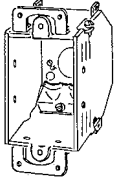
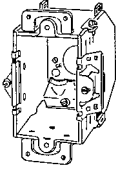
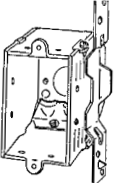
# Outlet and Switch Boxes

## 3" x 2" Bevel Corner Switch Boxes 2-1/4" Deep

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p>2-1/4" Deep, Gangable; External nail brackets; Leveling bosses</p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	23.59 (52.0)	388LE-OR-44LE
 <p>2-1/4" Deep, Gangable; external nail brackets; leveling bosses; Plaster ears</p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	388LR-OR-44LR ①
 <p>2-1/4" Deep, Gangable; External nail brackets; Plaster ears</p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	388-OR-44 ①
 <p>2-1/4" Deep, Gangable; "Loxbox" support; welded on each side; Plaster ears</p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	27.22 (60.0)	388HB ①
 <p>2-1/4" Deep, Gangable Plain vertical bracket set back 3/4"</p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	29.03 (64.0)	388VB-OR-44VB

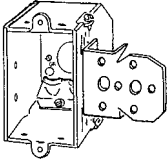
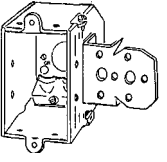
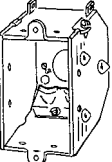
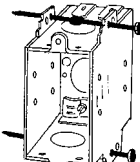
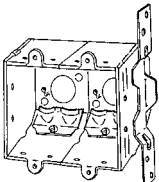
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Bevel Corner Switch Boxes 2-1/4" Deep

With Nonmetallic Sheathed Cable Clamps

**NEC/CEC:**  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p><b>2-1/4" Deep, Gangable; Stud NL bracket; Set back 1/4"</b></p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	28.12 (62.0)	<b>388DW</b>
 <p><b>2-1/4" Deep, Gangable; Stud NL bracket; Set back 1/2"</b></p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	28.12 (62.0)	<b>388NL-OR-44NL</b>
 <p><b>2-1/4" Deep, Gangable, Welded; External nail brackets; Leveling bosses</b></p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	23.59 (52.0)	<b>388LES</b>
 <p><b>2-1/4" Deep, Welded; Two 16 penny nails in external brackets leveling bosses</b></p>	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	<b>388LESN</b>
 <p><b>2-1/4" Deep, Welded; Plain vertical bracket set back 3/4"</b></p>	2-1/4	21.0	CL-20	—	(8) 21/32"	(2) 1/2"	38.10 (84.0)	<b>388VB-PL2G</b>

 **Apleton** 

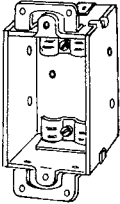
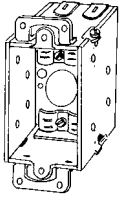
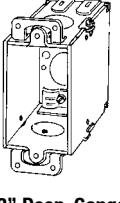
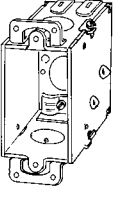
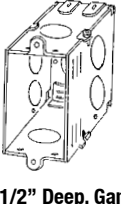
COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 <p><b>1-1/2" Deep, Welded; Plaster ears</b> ①</p>	1-1/2	7.5	CL-26	—	(4) 21/32"	—	19.96 (44.0)	<b>95</b>
 <p><b>2" Deep, Gangable; Plaster ears</b> ①</p>	2	10.0	CL-26	—	(4) 21/32"	(1) 1/2"	24.04 (53.0)	<b>383</b> ①
 <p><b>2-1/2" Deep, Gangable; Plaster ears</b> ①</p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.12 (62.0)	<b>384</b> ①
 <p><b>2-1/2" Deep, Gangable; Leveling bosses; Plaster ears</b></p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.58 (63.0)	<b>384LR</b> ①
 <p><b>2-1/2" Deep, Gangable; Two nail holes each side; Leveling bosses</b></p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	27.22 (60.0)	<b>384LE</b>

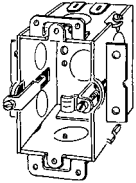
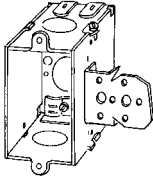
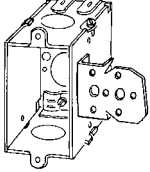
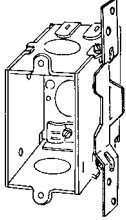
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p><b>2-1/2" Deep, Gangable; Old work support clamps; Plaster ears</b></p>	2-1/2	12.5	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	30.84 (68.0)	<b>384-OW</b> ①
 <p><b>2-1/2" Deep, Gangable Stud NL bracket; Set back 1/2"</b></p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	31.75 (70.0)	<b>384NL</b>
 <p><b>2-1/2" Deep, Gangable Stud NL bracket; Set back 1/4"</b></p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	<b>384DW-PL</b>
 <p><b>2-1/2" Deep, Gangable bracket; Set back 3/4"</b></p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.58 (63.0)	<b>384VB-PL</b>

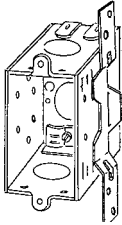
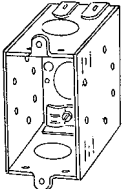
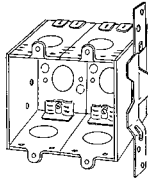
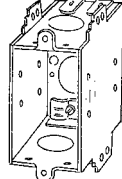
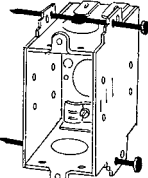
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p>2-1/2" Deep, Non-Gangable, Welded; Plain vertical bracket; Set back 3/4"</p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.94 (66.0)	<b>384LES-VB</b>
 <p>2-1/2" Deep, Non-Gangable, Welded; Four nail holes; Each side</p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	27.67 (61.0)	<b>384LES</b>
 <p>2-1/2" deep, Non-Gangable, Assembly welded; Plain vertical bracket; Set back 3/4"</p>	2-1/2	25.0	CL-26	—	(2) 1/2" (8) 21/32"	(2) 1/2"	43.99 (97.0)	<b>384VB-PL2G</b>
 <p>2-1/2" Deep, Non-Gangable, Welded; External nail brackets</p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.03 (64.0)	<b>385-LES</b>
 <p>2-1/2" Deep, Non-Gangable, Welded; Two 16 penny nails in side</p>	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	30.39 (67.0)	<b>385-LESN</b>

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COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS



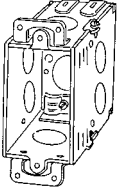
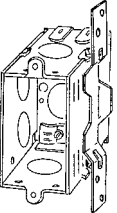
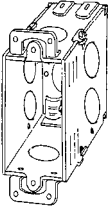
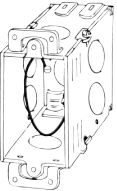
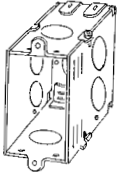
# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p><b>2-3/4" Deep, Gangable; Plaster ears</b></p>	2-3/4	14.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	30.84 (68.0)	<b>389</b> ①
 <p><b>2-3/4" Deep, Deep, Gangable; Plain vertical bracket; Set back 3/4"</b></p>	2-3/4	14.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.21 (71.0)	<b>389VB</b>
 <p><b>3-1/2" Deep, Gangable Two nail holes each side; Plaster ears</b></p>	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	37.19 (82.0)	<b>384D</b> ①
 <p><b>3-1/2" Deep, Gangable Two nail holes each side; Plaster ears</b></p> <p>With Green Ground Wire</p>	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	37.19 (82.0)	<b>384DP</b> ②
 <p><b>3-1/2" Deep, Gangable; Two nail holes each side</b></p>	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	<b>384DLE</b>

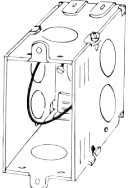
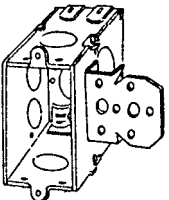
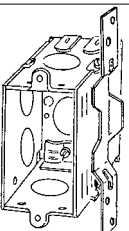
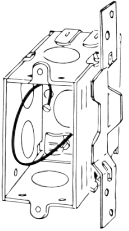
① Plaster ears support GFCI and decorative cover plates.

② Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## 3" x 2" Square and Corner Switch Boxes

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
<b>3" x 2" Square Corner Switch Box - With Nonmetallic Sheathed Cable Clamp</b>								
 <p>With Green Ground Wire</p>	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	<b>384DLEP</b> ①
<p><b>3-1/2" Deep, Gangable</b> Two nail holes each side</p>								
<b>3" x 2" Corner Switch Box - With Knockouts</b>								
	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.46 (87.0)	<b>384D-NL</b>
<p><b>3-1/2" Deep, Gangable;</b> Stud NL bracket; Set back 1/2"</p>								
	3-1/2	18.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	<b>384D-VBPL</b>
<p><b>3-1/2" Deep, Gangable;</b> Plain vertical bracket; Set back 3/4"</p>								
 <p>With Green Ground Wire</p>	3-1/2	18.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	<b>384D-VBPLP</b> ①
<p><b>3-1/2" Deep, Gangable;</b> Plain vertical bracket set back 3/4"</p>								

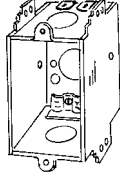
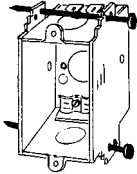
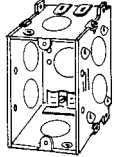
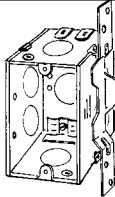
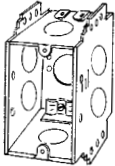
① Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

# Outlet and Switch Boxes

## Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC/CEC:  
Listed for Ordinary Locations

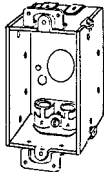
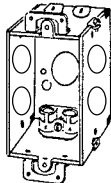
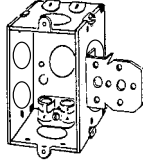
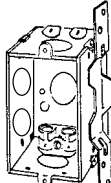

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
<b>3" x 2-1/8" Square Corner Switch Boxes</b>								
	2-7/8	16.0	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.94 (66.0)	<b>16LES</b>
<b>2-7/8" Deep, Non-Gangable, Welded; External nail brackets</b>								
	2-7/8	16.0	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	31.30 (69.0)	<b>16LESN</b>
<b>2-7/8" Deep, Non-Gangable, Welded; Two 16 penny nails in side</b>								
<b>3-3/4" x 2" Square Corner Switch Boxes</b>								
	2-1/2	16.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	15.88 (35.0)	<b>16LE</b>
<b>2-1/2" Deep, Gangable; Patented raised ground screw hole, external nail brackets, leveling bosses</b>								
	2-1/2	16.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	18.14 (40.0)	<b>16LE-VB</b>
<b>2-1/2" Deep, Gangable; Patented raised ground screw hole; Bracket set back 3/4</b>								
	2-7/8	16.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	50.80 (112.0)	<b>18LES</b>
<b>2-7/8" Deep, Non-Gangable, Welded; External nail brackets</b>								

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Clamps for Armored Cable (AC); Metal Clad Cable (MCI, MCI-A, MCS, MCC); Flexible Metal Conduit (FMC)

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p><b>2" Deep, Gangable; Plaster ears</b></p>	2	10.7	(2) CL-13	—	(4) 2 1/32"	(1) 1/2"	24.95 (55.0)	<b>171F</b> ①
 <p><b>2-1/2" Deep, Gangable; Adjustable plaster ears</b></p>	2-1/2	12.5	(2) CL-13	(4) 1/2"	(4) 2 1/32"	(1) 1/2"	28.58 (63.0)	<b>173F</b> ①
 <p><b>2-1/2" Deep, Gangable; NL bracket set back 1/2"</b></p>	2-1/2	12.5	(2) CL-13	(4) 1/2"	(2) 1/2" (4) 2 1/32"	(1) 1/2"	31.75 (70.0)	<b>173FNL</b>
 <p><b>2-1/2" Deep, Gangable; Plain vertical bracket set back 3/4"</b></p>	2-1/2	12.5	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 2 1/32"	(1) 1/2"	32.66 (72.0)	<b>173FVB</b>
 <p><b>2-1/2" Deep, Gangable; Plain vertical bracket set back 3/4"</b></p> <p>With Green Ground Wire</p>	2-1/2	12.5	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 2 1/32"	(1) 1/2"	32.66 (72.0)	<b>173FVBP</b> ②

① Plaster ears support GFCI and decorative cover plates.

② Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire.

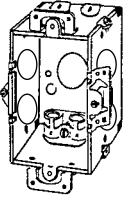
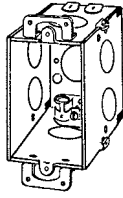
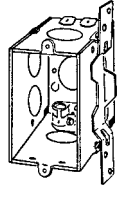
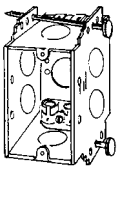
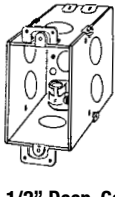
# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Clamps for Armored Cable (AC); Metal Clad Cable (MCI, MCI-A, MCS, MCC); Flexible Metal Conduit (FMC)

NEC/CEC:

Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p><b>2-1/2" Deep, Gangable; Lox Box™ supports; Adjustable plaster ears</b></p>	2-1/2	12.5	(2) CL-13	(4) 1/2"	(4) 21/32"	(1) 1/2"	28.58 (63.0)	<b>173FHB</b> ①
 <p><b>2-3/4" Deep, Gangable; Plaster ears</b></p>	2-3/4	14.0	(2) CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	31.75 (70.0)	<b>174F</b> ①
 <p><b>2-3/4" Deep, Gangable; Plain vertical bracket set back 3/4"</b></p>	2-3/4	14.0	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	<b>174FVB-PL</b>
 <p><b>2-2-7/8" Deep, Welded; Two 16 penny nails in external brackets</b></p>	2-7/8	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	52.16 (115.0)	<b>18LESNX</b>
 <p><b>3-1/2" Deep, Gangable; Plaster ears</b></p>	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	<b>175F</b> ①

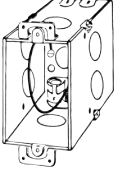
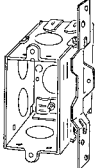
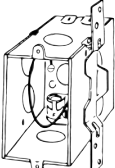
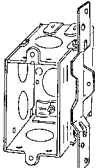
① Plaster ears support GFCI and decorative cover plates.

# Outlet and Switch Boxes

## 3" x 2" Square Corner Switch Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <p>With Green Ground Wire</p> <p><b>3-1/2" Deep, Gangable; Plaster ears</b></p>	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	<b>175FP</b> ①②
 <p><b>3-1/2" Deep, Gangable; Plain vertical bracket set back 7/8"</b></p>	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	<b>175N1</b>
 <p><b>3-1/2" Deep, Gangable; Plain vertical bracket set back 3/4"</b></p>	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	<b>175FVB</b>
 <p><b>3-1/2" Deep, Gangable; Plain vertical bracket set back 7/8"</b></p>	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	<b>175N2</b>

① Plaster ears support GFCI and decorative cover plates.

② Provided with green ground screw and 10" long No. 12 AWG solid, insulated green ground wire

# Outlet and Switch Boxes

## Multigang Switch Boxes

1-7/8" Deep with Knockouts

NEC/CEC:

Listed for Ordinary Locations

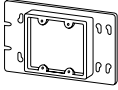
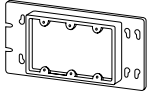
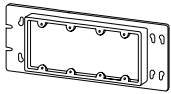
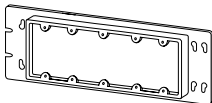
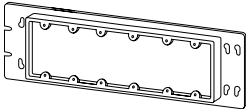
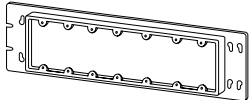
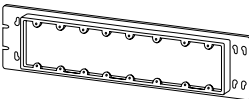
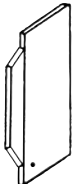
	Dimensions W x H	Wiring Cubic Inch Capacity	No. of Gangs	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 <b>Two Gang</b> 6-13/16" Wide, Welded	6-7/8" x 4-9/16"	56.3	2	(4) 1/2" (4) Eccentric	(2) 1/2" (2) Eccentric	(3) 1/2" (2) 3/4"	53.07 (117.0)	2G5075S
 <b>Three Gang</b> 8-5/8" Wide, Welded	8-3/4" x 4-9/16"	65.0	3	(6) 1/2" (4) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	69.85 (154.0)	3G5075S
 <b>Four Gang</b> 10-9/16" Wide, Welded	10-9/16" x 4-9/16"	80.0	4	(6) 1/2" (6) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	82.55 (182.0)	4G5075S
 <b>Five Gang</b> 12-15/16" Wide, Welded	12-5/16" x 4-9/16"	94.8	5	(8) 1/2" (6) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	92.98 (205.0)	5G5075S
 <b>Six Gang</b> 14-1/8" Wide, Welded	14-1/8" x 4-9/16"	111.1	6	(8) 1/2" (8) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	103.19 (227.5)	6G5075S
 <b>Seven Gang</b> 15-15/16" Wide, Welded	15-5/16" x 4-9/16"	127.0	7	(10) 1/2" (8) Eccentric	(2) 1/2" (2) Eccentric	(9) 1/2" (6) 3/4"	131.54 (290.0)	7G5075S
 <b>Eight Gang</b> 17-3/4" Wide, Welded	17-3/4" x 4-9/16"	142.1	8	(10) 1/2" (10) Eccentric	(2) 1/2" (2) Eccentric	(9) 1/2" (6) 3/4"	115.67 (255.0)	8G5075S

# Outlet and Switch Boxes

## Multigang Switch Box Covers

3/4" Raised Device Covers

NEC/CEC:  
Listed for Ordinary Locations

	Dimensions W x H	Wiring Cubic Inch Capacity	No. of Gangs	Weight per 100 kg (lb)	Catalog Number ①
	6-7/8" x 4-9/16"	9.1	2	25.85 (57.0)	<b>2GC75N</b>
<b>Two Gang, 7-1/16" Wide</b>					
	8-3/4" x 4-9/16"	14.9	3	31.75 (70.0)	<b>3GC75N</b>
<b>Three Gang, 8-7/8" Wide</b>					
	10-9/16" x 4-9/16"	21.0	4	34.47 (76.0)	<b>4GC75N</b>
<b>Four Gang, 10-9/16" Wide</b>					
	12-5/16" x 4-9/16"	25.5	5	37.65 (83.0)	<b>5GC75N</b>
<b>Five Gang, 12-5/16" Wide</b>					
	14-1/8" x 4-9/16"	30.8	6	41.73 (92.0)	<b>6GC75N</b>
<b>Six Gang, 14-1/8" Wide</b>					
	15-5/16" x 4-9/16"	36.1	7	45.36 (100.0)	<b>7GC75N</b>
<b>Seven Gang, 15-5/16" Wide</b>					
	17-3/4" x 4-9/16"	41.1	8	52.16 (115.0)	<b>8GC75N</b>
<b>Eight Gang, 17-3/4" Wide</b>					
<b>Low Voltage Partition for Multigang Switch Boxes</b>					
	1-7/8" Partition for use with 3/4" raised covers			7.48 (16.5)	<b>LVP-1N</b>

① Device covers will also fit the next smaller size box.

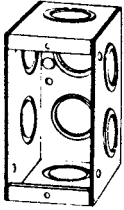
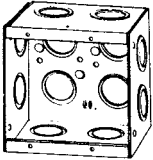
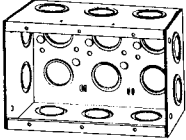
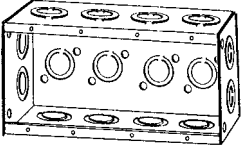



# Outlet and Switch Boxes

## Masonry Boxes

2-1/2" Deep x 3-3/4" High With Concentric Knockouts (Non-Gangable)

NEC/CEC:  
Listed for Ordinary Locations

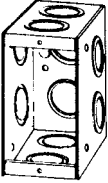
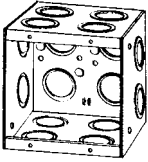
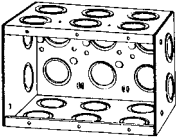
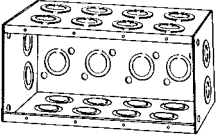

	Width (Inches)	Wiring Cubic Inch Capacity	Concentric Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 <p><b>1-13/16" Wide, Welded, Single gang</b></p>	1-13/16	15.5	(4) 1/2" - 3/4"	(2) 1/2" - 3/4"	(2) 1/2" - 3/4"	29.94 (66.0)	M1-250
 <p><b>3-5/8" Wide, Welded, Two gang</b></p>	3-5/8	31.0	(4) 1/2" - 3/4"	(4) 1/2" - 3/4"	(4) 1/2" - 3/4"	52.62 (116.0)	M2-250
 <p><b>5-7/16" Wide, Welded; Three gang</b></p>	5-7/16	46.5	(4) 1/2" - 3/4"	(6) 1/2" - 3/4"	(6) 1/2" - 3/4"	63.50 (140.0)	M3-250
 <p><b>7-3/8" Wide, Welded, Four gang</b></p>	7-3/8	67.0	(4) 1/2" - 3/4"	(8) 1/2" - 3/4"	(4) 1/2" - 3/4"	72.57 (160.0)	M4-250
<b>Low Voltage Partitions</b>							
		0.0	For 2-1/2" 2- and 3-Gang Masonry Boxes			7.26 (16.0)	LVP-250

# Outlet and Switch Boxes

## Masonry Boxes

3-1/2" Deep x 3-3/4" High with Concentric Knockouts (Non-Gangable)

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 <p>1-13/16" Wide, Welded Single gang</p>	1-13/16	22.0	(4) 1/2" - 3/4"	(4) 1/2" - 3/4"	(2) 1/2" - 3/4"	39.01 (86.0)	M1-350
 <p>3-5/8" Wide, Welded Two gang</p>	3-5/8	44.0	(4) 1/2" - 3/4"	(8) 1/2" - 3/4"	(4) 1/2" - 3/4"	57.15 (126.0)	M2-350
 <p>5-7/16" Wide, Welded Three gang</p>	5-7/16	66.0	(4) 1/2" - 3/4"	(12) 1/2" - 3/4"	(6) 1/2" - 3/4"	73.94 (163.0)	M3-350
	7-3/8	92.0	(4) 1/2" - 3/4"	(16) 1/2" - 3/4"	(4) 1/2" - 3/4"	90.72 (200.0)	M4-350
<p>Low Voltage Partitions</p> 		0.0	For 3-1/2" 2-, 3- and 4-Gang Masonry Boxes			10.89 (24.0)	LVP-350

Appleton OZGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: OUTLET BOXES, SWITCH BOXES AND COVERS

# Knockout Blanks and Fixture Stems

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications


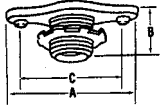

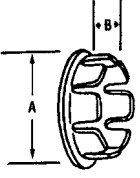
- Knockout blank: to close a knockout or siphone in a sheet metal enclosure.
- Fixture stems: to suspend fixtures from threaded rods.

## Material

- Blanks: steel
- Fixture stem: malleable iron

## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14817
- NEMA: FB-1

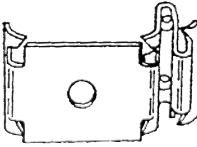
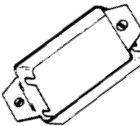

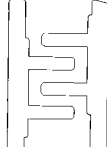
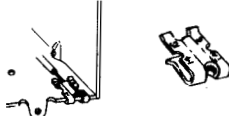



	Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Appleton™ Catalog Number	O-Z/Gedney™ Catalog Number	
		A	B	C				
<b>Open Type No Bolt Fixture Stems – Malleable Iron</b>								
	3/8 Male	49.3 (1.94)	17.5 (0.69)	38.1 (1.50)	3.63 (8.00)	<b>NBFS-38</b>	—	
	3/8 Male	49.3	17.5	38.1	3.63	<b>NBFS-38M</b>	—	
	1/8 Female	(1.94)	(0.69)	(1.50)	(8.00)			
<b>Snap-in Knockout Blanks – Steel ①</b>								
	1/2	26.9 (1.06)	7.9 (0.31)	—	0.45 (1.00)	<b>S50</b>	<b>KO-50S</b>	
	3/4	31.8 (1.25)	7.9 (0.31)	—	0.91 (2.00)	<b>S75</b>	<b>KO-75S</b>	
	1	38.1 (1.50)	8.6 (0.34)	—	1.36 (3.00)	<b>S100</b>	<b>KO-100S</b>	
	1-1/4	46.0 (1.81)	7.9 (0.31)	—	1.45 (3.20)	<b>S125</b>	<b>KO-125S</b>	
	1-1/2	56.4 (2.22)	9.7 (0.38)	—	2.18 (4.80)	<b>S150</b>	<b>KO-150S</b>	
	2	68.3 (2.69)	9.7 (0.38)	—	2.72 (6.00)	<b>S200</b>	<b>KO-200S</b>	

① Not UL Listed.

# Outlet and Switch Boxes

## Outlet Box/Switch Box Accessories

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Weight per 100 kg (lb)	Catalog Number
<b>Outlet Box Metal Stud Clip</b>			
	Mounts all types, sizes and depths of outlet boxes to any metal stud	2.68 (5.9)	MSC-OBN
<b>Switch Box Extension</b>			
	Fits all single gang switch boxes with 1/8" screws (7/8" depth; 4.5 cubic inch wiring capacity)	4.99 (11.0)	1490
<b>Switch Box Supports</b>			
	LOX BOX™ fits standard switch boxes (wall 1/4" minimum to 1-1/4" maximum)	1.18 (2.6)	892
	"E-Z-IN" wall 1/4" minimum to 1-1/4" maximum (sold in pairs)	1.18 (2.6)	896 ①
<b>Grounding Clip</b>			
	For use with No. 14 or No. 12 nonmetallic sheathed cable having ground wire	0.18 (0.4)	GR12
<b>Washer Head Grounding Screws and Pigtails</b>			
	3/8" long – 10-32 thread green ground screw with 10" solid copper insulated green wire, No. 12 AWG wire pigtail	0.82 (1.80)	SCR1032-PTL10C
	3/8" long – 10-32 thread green ground screw with 10" solid copper bare wire, No. 14 AWG wire pigtail	0.54 (1.20)	SCR1032-PTL10B
	3/8" long – 10-32 thread green ground screw	0.23 (0.50)	SCR1032

① Used in pairs.

# NEER™ Safety Plates and Switch Box Supports

NEC:  
Rated for Ordinary Locations

NEC:  
Rated for Ordinary Locations

NEC:  
Rated for Ordinary Locations

## SP: Safety Plates

### Applications

- Installed over areas in wooden structures where cables are run to protect cable insulation from being damaged by protruding screws or nails.

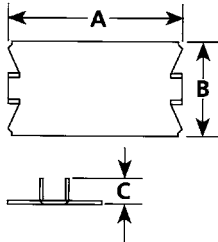
### Standard Material

- Pre-galvanized steel



SP-100

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/16x1- 1/2x2-1/2	63.5 (2.50)	38.9 (1.53)	11.4 (0.45)	<b>SP-100</b>
1/16x1- 1/2x2-1/2	63.5 (2.50)	38.9 (1.53)	11.4 (0.45)	

## HI: Switch Box Supports

### Applications

- To support attachment of boxes in drywall, paneling, etc., where there are no means of attaching the box to a mounting structure.

### Feature

- Two are required per box.
- Sold in pairs.

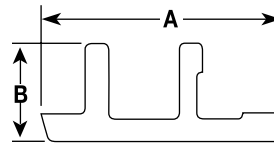
### Standard Material

- Pre-galvanized steel



HI-102

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
—	129.8 (5.11)	57.2 (2.25)	<b>HI-102</b>

## KO: Knockout Seals

### Applications

- To close unused opening or knockout in sheet metal box, enclosure or cabinet.

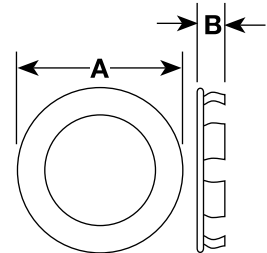
### Standard Material

- Steel/zinc plated



KO-50

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	27.4 (1.08)	10.2 (0.40)	<b>KO-50</b>
3/4	31.8 (1.25)	8.4 (0.33)	<b>KO-75</b>
1	37.6 (1.48)	8.4 (0.33)	<b>KO-100</b>
1-1/4	46.0 (1.81)	8.4 (0.33)	<b>KO-125</b>
1-1/2	56.1 (2.21)	9.4 (0.37)	<b>KO-150</b>
2	68.1 (2.68)	9.7 (0.38)	<b>KO-200</b>

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## NEC/CEC:

Listed for Ordinary Locations

## Applications

- Use in branch circuit wiring for wet, damp or dry locations.
- May be used as a junction box or a device box for switches, receptacles, GFCIs, etc.
- Lampholders are for use in exterior and interior applications to provide safety and security for driveways, doorways and walkways.
- Lighting fixtures are for use in areas where moisture ingress is a concern such as construction sites, tunnels, bridges and subways.

## Features

- Rugged continuous and seamless diecast construction prevents entry of dirt, dust and moisture.
- Polyester powder coating is applied for uniform cosmetic coating and weatherproof durability.
- Mounting can be achieved with mounting lugs (provided) or by using the integral mounting knockouts.
- Smooth, accurately tapped hubs prevent wire abrasion.
- Clear UL marking and volumetric marking cast into each box and extension ring facilitate electrical inspection.
- Continuous box and cover compression ensure complete sealing at gasket interface to prevent moisture entry.
- Lockable covers and covers with integral devices are offered.
- Closure plugs (2), mounting lugs (2) and green ground screw provided with each box.
- Mounting hardware and gasket provided with each cover.
- Locking swivel knuckle on lampholders permits positive lamp positioning and accurate directional aiming.
- Lampholders are supplied with all hardware including locknuts, porcelain sockets and internal gaskets for reliability and weather protection.
- Photocells and lampholders are supplied with long leads (4" from the end of the knuckle) to facilitate wiring.
- Lighting fixtures are factory assembled and fully gasketed to ensure fast and easy installation.
- Complete installation instructions are provided with each item.
- In-Use covers include patented inserts and comply with NEC requirements.
- Lighting fixtures are individually boxed, labeled and bar coded for ease of handling and identification.

## Standard Materials

- Boxes, extensions, covers, lamp-holders, lighting fixtures, and closure plugs: diecast aluminum
- In-use covers: polycarbonate or diecast aluminum
- Lugs: stamped aluminum (one- and two-gang boxes), integrally cast (round boxes)
- Cover screws: plated steel
- Gaskets: closed cell foam (covers), fiber (lampholders), closed cell foam or fiber (lighting fixtures)
- Glass: annealed glass
- Sockets: porcelain (lampholders and lighting fixtures)

## NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514D, 1598 as applicable
- UL Listed: E2527, E53330
- CSA Standard: C22.2 No. 18.1, C22.2 No. 250.0 as applicable
- cUL Listed: E2527
- NEMA: FB-1, OS-1



Most of the boxes, covers and lampholders are individually shrink wrapped, labeled and bar coded for ease of handling and identification.






Sturdy corrugated boxes with easy lift-off top with shrink wrapping facilitate merchandising.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	2	18.3	1/2	4	WSL150 ①
	2	18.3	3/4	4	WSL175
	2	18.3	1/2	3	WSM150 ①
	2	18.3	3/4	3	WSM175
	2	18.3	1	3	WSM110
	2	18.3	1/2	5	WSP150
	2	18.3	3/4	5	WSP175
	2	18.3	1/2	5	WSX150
	2	18.3	3/4	5	WSX175
	2	18.3	1	5	WSX110
	2-5/8	25.5	1/2	3	WDM150
	2-5/8	25.5	3/4	3	WDM175
	2-5/8	25.5	1	3	WDM110




① Catalog number shown represents gray color. White (Suffix -W) and Bronze (Suffix -B) also available. Consult local sales representative for lead time.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

**NEC/CEC:**  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	2-5/8	25.5	1/2	5	<b>WDX150</b>
	2-5/8	25.5	3/4	5	<b>WDX175</b>
	2-5/8	25.5	1	5	<b>WDX110</b>
	1	9.5	-	-	<b>WE1</b>
	1-1/2	12.5	1/2	4	<b>WEFX50</b>
	1-1/2	12.5	3/4	4	<b>WEFX75</b>



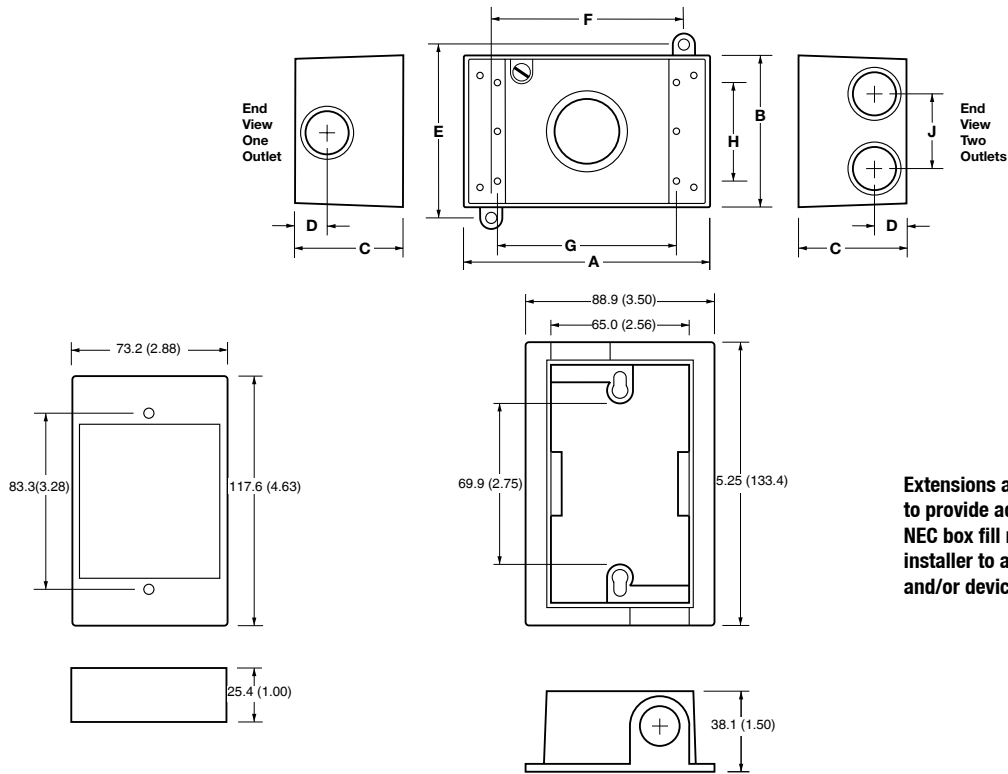
# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Box and Extension Dimensions

Closure plugs, ground screw and mounting lugs included.

**NEC/CEC:**  
Listed for Ordinary Locations

### Dimensions in Millimeters (Inches)



Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add "takeoffs" to new boxes and/or devices.

Extension E1

Flanged Extension Adapter: WEFX50, WEFX75






A	B	C	D	E	F	G	H	J	Catalog Number
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	<b>WSL150</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	<b>WSL175</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WSM150</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WSM175</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WSM110</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	<b>WSP150</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	<b>WSP175</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WSX150</b>
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WSX175</b>
114.8 (4.52)	70.4 (2.77)	50.8 (2.00)	17.5 (0.68)	86.4 (3.40)	100.1 (3.94)	82.6 (3.25)	47.8 (1.88)	-	<b>WSX110</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDM150</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDM175</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDM110</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDX150</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDX175</b>
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	-	<b>WDX110</b>

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. of Hubs	Catalog Number
	2.2	30.2	1/2	7	WSK250
	2.2	30.2	3/4	7	WSK275
	2.2	30.2	1/2	4	WSL250
	2.2	30.2	3/4	4	WSL275
	2.2	30.2	1/2	3	WSM250
	2.2	30.2	3/4	3	WSM275
	2.2	30.2	1	3	WSM210
	2.2	30.2	1/2	5	WSP250
	2.2	30.2	3/4	5	WSP275
	2.2	30.2	1/2	6	WSR250
	2.2	30.2	3/4	6	WSR275

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:  
Listed for Ordinary Locations

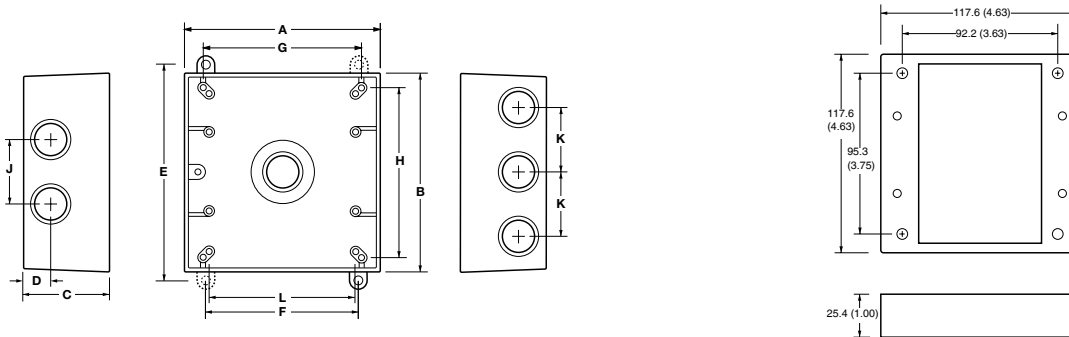
	Depth (Inches)	Wiring Cubic Inch Capacity	HubSize (Inches)	No. Of Hubs	Catalog Number
	2.2	30.2	1/2	7	WST250
	2.2	30.2	3/4	7	WST275
	2.2	30.2	1/2	5	WSX250
	2.2	30.2	3/4	5	WSX275
	2.2	30.2	1	5	WSX210
	2.78	36	1/2	7	WDK250
	2.78	36	3/4	7	WDK275
	2.78	36	1	7	WDK210
	2.78	36	1/2	5	WDP250
	2.78	36	3/4	5	WDP275
	2.78	36	1	5	WDP210
	1	16	—	—	WE2

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Box and Extension Dimensions

NEC/CEC:  
Listed for Ordinary Locations

### Dimensions in Millimeters (Inches)



**Extension WE2 – Dimensions in Millimeters (Inches)** Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add “take-offs” to new boxes and/or devices.


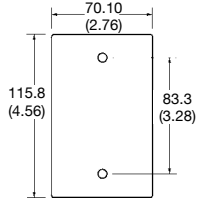

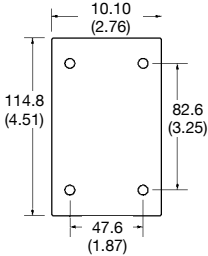

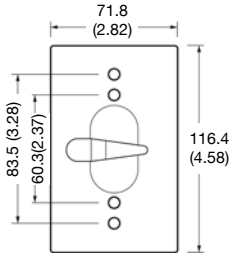

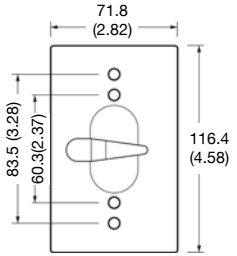


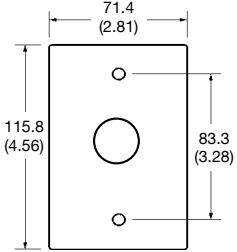
A	B	C	D	E	F	G	H	J	K	L	Catalog Number
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSK250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSK275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSL250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSL275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSM250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSM275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSM210</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSP250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSP275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSR250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WSR275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	38.1 (1.50)	82.6 (3.25)	<b>WST250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	38.1 (1.50)	82.6 (3.25)	<b>WST275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSX250</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSX275</b>
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	-	-	82.6 (3.25)	<b>WSX210</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDK250</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDK275</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDK210</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDP250</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDP275</b>
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	-	82.6 (3.25)	<b>WDP210</b>

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Covers

Gasket and mounting hardware included.

**NEC/CEC:**  
Listed for Ordinary Locations


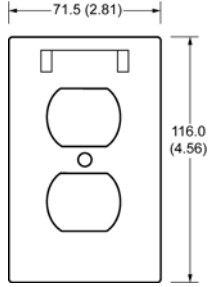


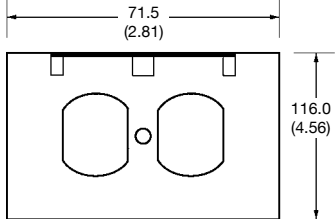


Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
 Blank Cover, 2-screws (stamped aluminum)	Universal	—	Gray	<b>WCB1</b>	
 Blank Cover, 4-screws (stamped aluminum)	Universal	—	Gray	<b>WCB14</b>	
 Toggle Switch Cover	Vertical	Switch (10A - 20A)	Gray	<b>WCT1</b>	
 Toggle Switch Cover w/ switch	Vertical	Switch (15A, 1-pole)	Gray	<b>WCT115</b>	
 Toggle Switch Cover w/ switch	Vertical	Switch (15A, 3 Way)	Gray	<b>WCT113</b>	
 Cover with Photocell (stamped aluminum)	Universal	Photocell (120A, 300W)	Gray	<b>WCE1</b>	

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Vertical	Duplex Recept or Switch	Gray	<b>WVD1</b> ①	
	Self closing cover 3/16" hole for padlock	Vertical	Duplex Recept or Switch	Gray	<b>WVDL1</b> ②	
	Self closing cover	Horizontal	Duplex Recept or Switch	Gray	<b>WHD1</b> ①	
	Stay open cover	Horizontal	Duplex Recept or Switch	Gray	<b>WHDO1</b> ③	
	Self closing cover w/ recept	Horizontal	Duplex Recept	Gray	<b>WHD1WR</b>	

① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.

② Hasp diameter 3/16". Lock not included.


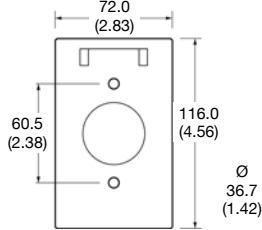

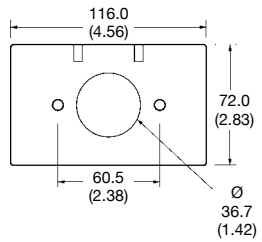

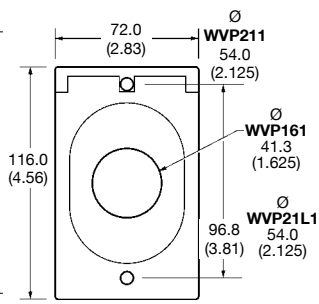
③ Not UL Listed.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self Closing Cover	Vertical	Single Recept or Switch	Gray	<b>WVS1</b>	
	Self Closing Cover	Horizontal	Single Recept or Switch	Gray	<b>WHS1</b>	
	Self Closing Power Outlet Cover (2.125" opening)	Vertical	Single Recept (20A-50A)	Gray	<b>WVP211</b>	
	Self Closing Power Outlet Cover (1.625" opening)	Vertical	Single Recept	Gray	<b>WVP161</b>	
	Self Closing Power Outlet Cover (2.125" opening)	Vertical	Single Recept (20A-50A)	Gray	<b>WVP21L1</b> ①	


① Hasp diameter 3/16". Lock not included.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Covers

Gasket and mounting hardware included.

**NEC/CEC:**  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Horizontal	GFCI	Gray	<b>WHG1</b> ①	
	Self closing cover	Vertical	GFCI	Gray	<b>WVG1</b> ①	

① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.


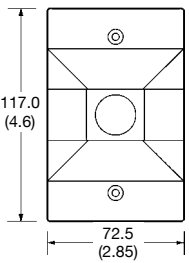

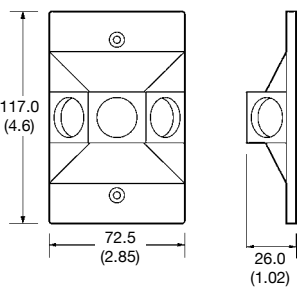



# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Raised Cover, one 1/2" hub	Universal	1 Photocell or lampholder	Gray	WC1150	
	Raised Cover, three 1/2" hubs	Universal	3 Photocells or lampholders	Gray	WC1350 ①	For horizontal to downward aiming (For use with 150 W max lamp) 
	Raised Cover, two 1/2" hubs with lampholders	Universal	2 Lampholders included	Gray	WC12L	



① Catalog number shown represents gray color. White (Suffix -W) and Bronze (Suffix -B) also available. Consult local sales representative for lead time.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof In-Use Covers with Inserts

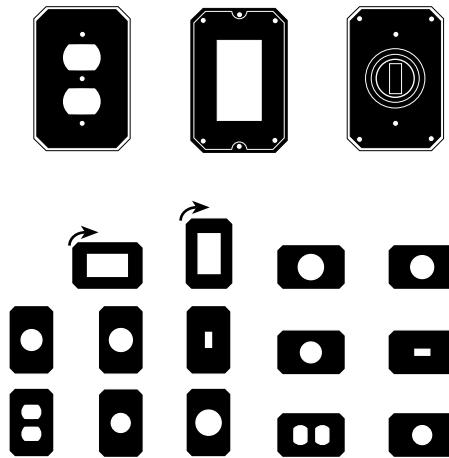
Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	Color	Catalog Number
	In-Use cover, 2-7/8" deep 3/8" hole for padlock (polycarbonate)	Universal	Clear	<b>WCIU1</b> ①
	In-Use cover, 3-1/2" deep 3/8" hole for padlock (polycarbonate)	Universal	Clear	<b>WCDIU1</b> ①

### WCIU1 and WCDIU1 Inserts 3 inserts produce 14 configurations

Single gang In-Use inserts can be used in both vertical and horizontal applications, by simply changing the hinge points.



① Provided with inserts, devices not included.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## One-Gang Weatherproof In-Use Covers with Inserts

**NEC/CEC:**  
Listed for Ordinary Locations

### Applications

- For use in damp or wet locations.

### Features

- Extra-Duty rated per the requirements of the NEC.
- Provides weather protection with cover closed and cords plugged in.
- Multi-height lever adjusts to create a cover depth of 2-3/4" or 3-1/2".
- Impact rated.
- Adhesive sealing gasket factory installed to ease installation.
- Reinforced hinge withstands 40 lbs. stress test.
- Device inserts snap into place without the use of tools.
- Extra-large cord opening for heavy gauge cords.
- Sleek industrial design.
- Lockable.

### Standard Materials

- Body/cover: diecast aluminum
- Lever: stamped steel

### Standard Finishes

- Lever: zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514D
- CSA Standard: C22.1
- cULus Listed: E2527

	Description	Orientation	Catalog Number	Dimensions In Millimeters (Inches)	
	1-Gang In Use Cover	Vertical	WCIU1DV		
	1-Gang In Use Cover	Horizontal	WCIU1DH		

### Inserts


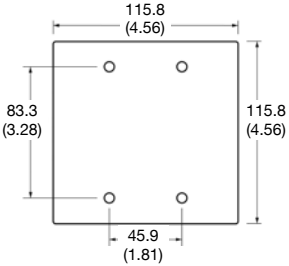

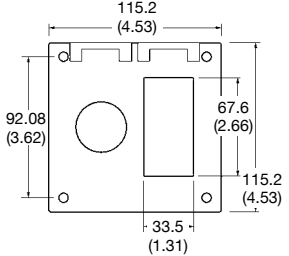

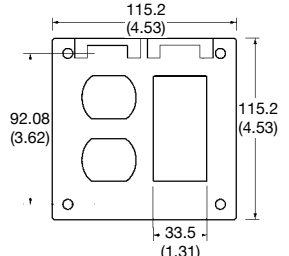

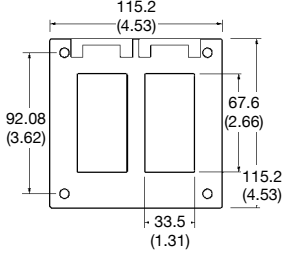
Round						
Duplex	GFCI	Switch	2-1/8"	1-11/16"	1-5/8"	1-5/8"
Duplex Adapter	GFCI Adapter	2-1/8" Adapter 1-5/8" Ring Switch Adapter	2-1/8" Adapter	1-11/16" Ring	1-5/8" Ring	1-5/8" Ring

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations


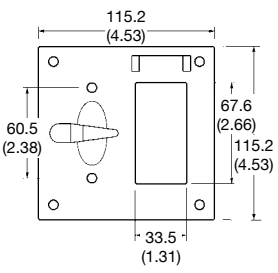

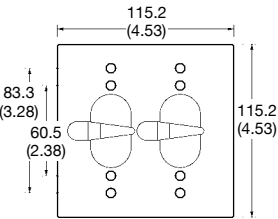
	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Blank Cover (stamped aluminum)	Universal	—	Gray	<b>WCB24</b>	
	Self Closing Cover	Vertical	Single Recept and GFCI	Gray	<b>WVSG2</b>	
	Self Closing Cover	Vertical	Duplex Recept and GFCI	Gray	<b>WVDG2</b>	
	Self Closing Cover	Vertical	2 GFCI	Gray	<b>WVGG2</b>	

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

**NEC/CEC:**  
Listed for Ordinary Locations


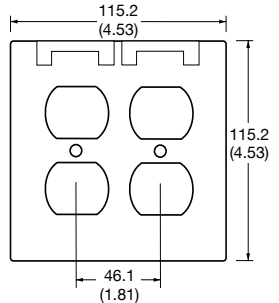

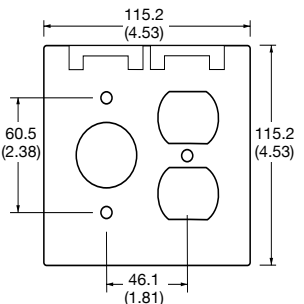

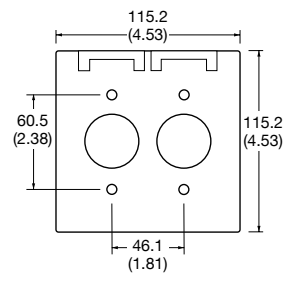
Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
 <p>Self Closing Cover</p>	Vertical	Switch and GFCI	Gray	<b>WVTG2</b>	
 <p>Toggle Switch Cover (stamped aluminum)</p>	Vertical	2 Switches (15A - 20A)	Gray	<b>WTT2</b>	

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Vertical	2 Duplex Recept or Switches	Gray	<b>WVDD2</b>	
	Self closing cover	Vertical	Single Recept and Duplex Recept	Gray	<b>WVSD2</b> ①	
	Self closing cover	Vertical	2 Single Recept or Switches	Gray	<b>WVSS2</b> ①	

① Catalog number shown represents gray color. White (Suffix -W) and Bronze (Suffix -B) also available. Consult local sales representative for lead time.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof In-Use Covers with Inserts

**NEC/CEC:**  
Listed for Ordinary Locations

### Applications

- For use in damp or wet locations.

### Features

- Extra-Duty rated per the requirements of the NEC.
- Provides weather protection with cover closed and cords plugged in.
- Multi-height lever adjusts to create a cover depth of 2-3/4" or 3-1/2".
- Impact rated.
- Adhesive sealing gasket factory installed to ease installation.
- Reinforced hinge withstands 40 lbs. stress test.
- Device inserts snap into place without the use of tools.
- Extra-large cord opening for heavy gauge cords.
- Sleek industrial design.
- Lockable.

### Standard Materials


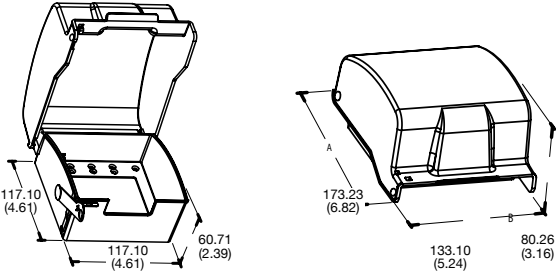
- Body/cover: diecast aluminum
- Lever: stamped steel

### Standard Finishes








- Lever: zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514D
- CSA Standard: C22.1
- cULus Listed: E2527

Description	Orientation	Catalog Number	Dimensions In Millimeters (Inches)
 2-Gang In Use Cover	Horizontal	WCIU2SD	

### Inserts


Round						
Duplex	GFCI	Switch	2-1/8"	1-11/16"	1-5/8"	1-5/8"
						
Duplex Adapter	GFCI Adapter	2-1/8" Adapter 1-5/8" Ring Switch Adapter	2-1/8" Adapter	1-11/16" Ring	1-5/8" Ring	1-5/8" Ring

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Two-Gang Weatherproof In-Use Covers with Inserts

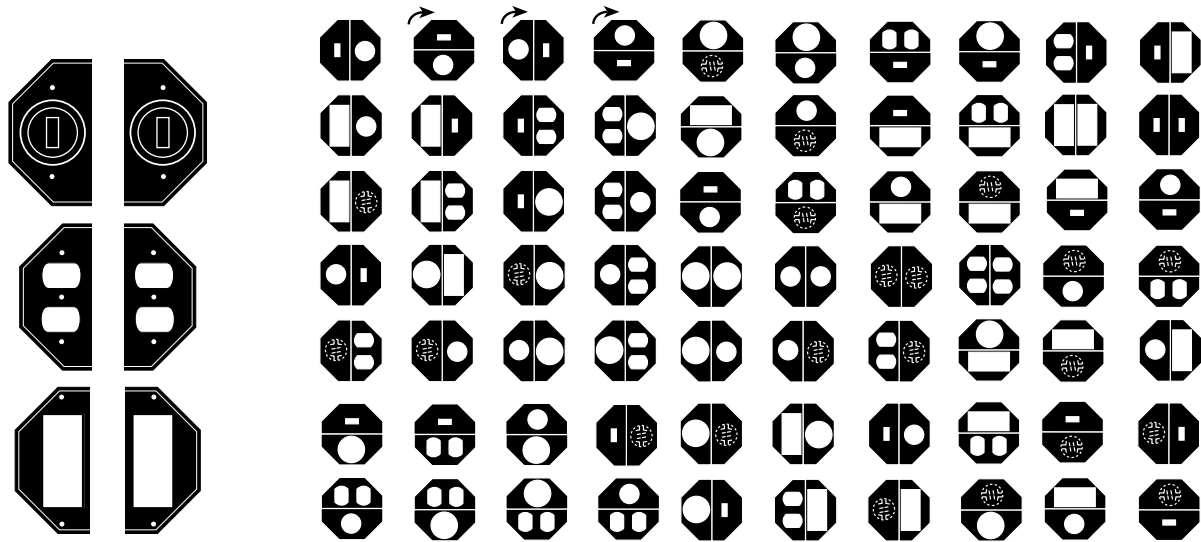
Gasket and mounting hardware included.

**NEC/CEC:**  
Listed for Ordinary Locations

	Description	Orientation	Color	Catalog Number
	In-Use Cover, 2-1/4" Deep (polycarbonate) 3/8" hole for padlock	Vertical	Clear	WCIU2 ①

### WCIU2 Inserts– 6 inserts produce 70 configurations

Two gang In-Use convertible inserts snap together to create combinations for almost every application.



① Provided with inserts, devices not included.



# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

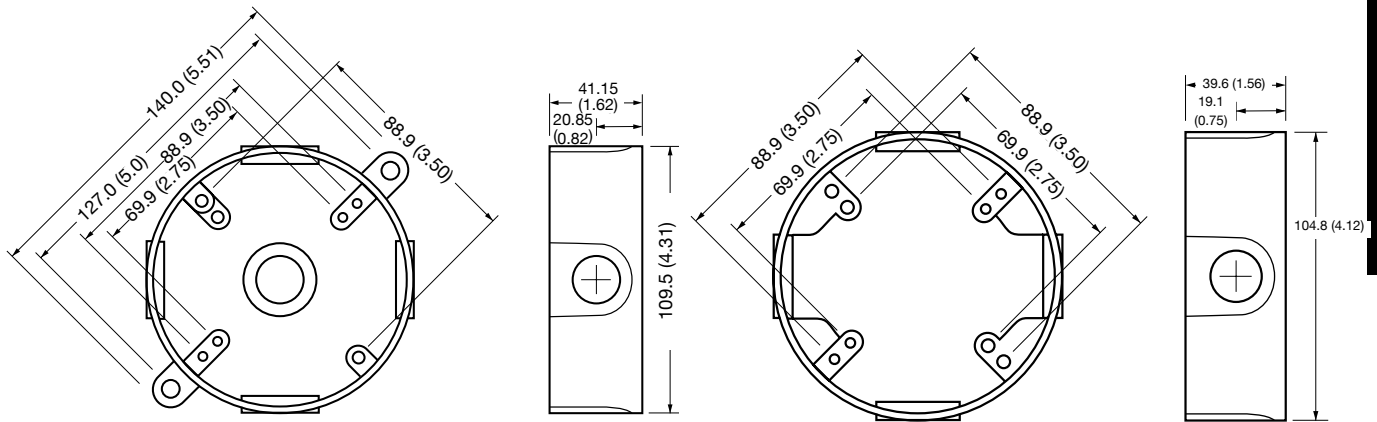
## Round Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	1.62	16	1/2	5	WRX50 ①
	1.62	16	3/4	5	WRX75 ①
	1.62	16	1/2	5	WRX50CG
	1.62	16	3/4	5	WRX75CG
	1.62	16.5	1/2	4	WERX50
	1.62	16.5	3/4	4	WERX75

### Dimensions in Millimeters (Inches)



WRX50  
WRX75  
WRX50CG  
WRX75CG

#### Extension WERX50/WERX75

Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add "take-offs" to new boxes and/or devices.


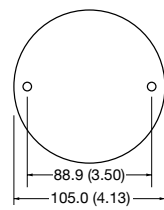

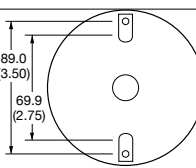

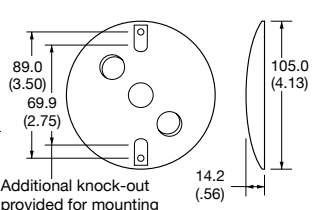

① Catalog number shown represents gray color. White (Suffix -W) and Bronze (Suffix -B) also available. Consult local sales representative for lead time.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Round Weatherproof Covers


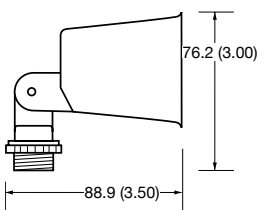
Gasket and mounting hardware included. Lampholders are adjustable. Porcelain sockets.

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Blank Cover, 4" OD (stamped aluminum)	Universal	—	Gray	<b>WCBR</b>	
	Raised Cover, One 1/2" hub	Universal	1 Photocell or lampholder	Gray	<b>WCR150</b> ①	 Additional knock-out provided for mounting to 3-1/2" Round Box.
	Raised Cover, Three 1/2" hubs	Universal	3 Photocells or lampholders	Gray	<b>WCR350</b> ①	 Additional knock-out provided for mounting to 3-1/2" Round Box.
	Raised Cover, two 1/2" hubs with lampholders	Universal	2 Lampholders included	Gray	<b>WCR2L</b> ②	

### Locking swivel knuckle permits lamp positioning and aiming.

Supplied with porcelain sockets, gaskets, extra long leads, locknut and other hardware. For aiming horizontal or downward. For use with 150 W.

	Description	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Lampholder	Unfinished Metal	<b>WLU1</b>	
	Finished Lampholder	Gray	<b>WLI</b> ①	

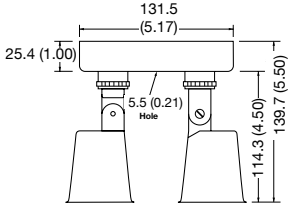

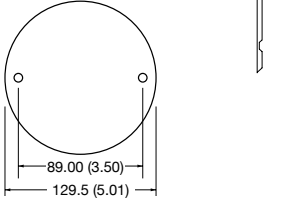
① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.

② For horizontal to downward aiming For use with 150W max. lamp. Box not included.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Ceiling Plates and Lampholders

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Ceiling plate (deep) with lampholders	Universal	2 Lampholders included	White	<b>WCRD2LW</b> ①	
	Ceiling plate w/ beveled edge	Universal	—	White	<b>WCRB3W</b>	
	Ceiling plate w/ beveled edge	Universal	—	White	<b>WCRB4W</b>	

① For use with 150W max. lamp.




# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Weatherproof Incandescent Fixtures

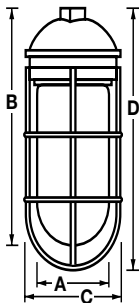
NEC/CEC:  
Listed for Ordinary Locations

Factory assembled with guard, 120 volt rated.

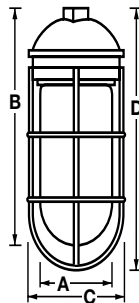
Ground screw, closure plugs and mounting lugs included. Use with 125 °C (257 °F) supply wire. Use with medium base incandescent lamps. Gray color.

	Mounting Style	Hub Size (Inches)	No. of Hubs	Wattage	Dimensions In Millimeters (Inches)						Catalog Number
					A	B	C	D	E	F	
	Pendant	1/2	1	100	85.0 (3.34)	231.0 (9.09)	105.5 (4.15)	251.0 (9.88)	—	—	WFA1050G
	Pendant	3/4	1	100	85.0 (3.34)	231.0 (9.09)	105.5 (4.15)	251.0 (9.88)	—	—	WFA1075G
	Pendant	1/2	1	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	279.4 (11.00)	—	—	WFA2050G
	Pendant	3/4	1	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	279.4 (11.00)	—	—	WFA2075G
	Ceiling	1/2	5	100	85.0 (3.34)	219.0 (8.62)	105.5 (4.15)	238.0 (9.37)	—	—	WFC1050G
	Ceiling	3/4	5	100	85.0 (3.34)	219.0 (8.62)	108.0 (4.15)	238.0 (9.37)	—	—	WFC1075G
	Ceiling	1/2	5	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	273.1 (10.75)	—	—	WFC2050G
	Ceiling	3/4	5	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	273.1 (10.75)	—	—	WFC2075G
	Wall	1/2	5	100	85.0 (3.34)	184.2 (7.25)	105.5 (4.15)	207.0 (8.14)	118.0 (4.64)	106.0 (4.17)	WFW1050G
	Wall	3/4	5	100	85.0 (3.34)	184.2 (7.25)	105.5 (4.15)	207.0 (8.14)	118.0 (4.64)	106.0 (4.17)	WFW1075G
	Wall	1/2	5	200	109.8 (4.32)	222.3 (8.75)	135.5 (5.33)	235.0 (9.25)	118.0 (4.64)	114.3 (4.50)	WFW2050G
	Wall	3/4	5	200	109.8 (4.32)	222.3 (8.75)	135.5 (5.33)	235.0 (9.25)	118.0 (4.64)	114.3 (4.50)	WFW2075G

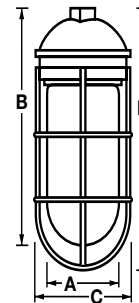
### Dimensions in Millimeters (Inches)



WFA Series



WFC Series






WFW Series

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Accessories and Replacement Parts

NEC/CEC:  
Listed for Ordinary Locations

Accessories				
	Electrical Rating	Description	Color	Catalog Number
	120 Vac, 5 Amp	Automated Door Operated Light Switch	Metal	WSWITCH
	120 Vac, 300 watt	Photoelectric Night Switch with Time Delay for Lamp Posts	—	WPHOTO
	120 Vac, 300 watt	Photoelectric Night Switch with Time Delay 1/2" NPT w/locknut	Gray	WPHOTO50
Replacement Parts				
	Description	Color	Catalog Number	
	Universal 1 gang gasket	Black	WGSK1	
	Universal 2 gang gasket	Black	WGSK2	
	1 gang gasket, single and duplex covers	Black	WGSKD1	
	External lampholder gasket	Black	WGSKEL	
	2 Mounting lugs w/ screws	Gray	WLUGS	
	4-1" closure Plugs	Gray	WPLG104 ①	
	4-1/2" Closure Plugs	Gray	WPLG504 ①	
	4-3/4" Closure Plugs	Gray	WPLG754 ①	
	Heavy duty wire guard for 100 watt fixtures, #8 AWS	—	WFG1	
	Heavy duty wire guard for 200 watt fixtures, #8 AWS	—	WFG2	
	Glass globe for 100 W lighting fixtures	—	WFGL1	
	Glass globe for 200 W lighting fixtures	—	WFGL2	

① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Non-Metallic Weatherproof Boxes, Covers and Lampholders

**NEC/CEC:**  
Listed for Ordinary Locations

### Applications

- Marine rated boxes and covers are ideal for use in highly corrosive areas, beaches, docks, pools, or other wet location areas.
- Use in branch circuit wiring for wet, damp or dry locations.
- May be used as a junction box or a device box for switches, receptacles, GFCI's etc.
- Lampholders are for use in exterior and interior applications to provide safety and security for driveways, doorways and walkways.

### Features

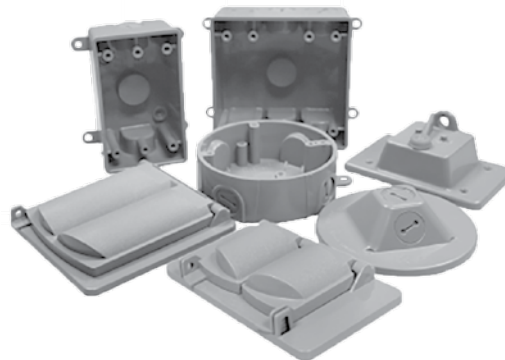
- Rugged PVC or polycarbonate construction prevents entry of dirt, dust and moisture.
- Resistant to impact, heat or low temperature distortion, and mold.
- Mounting can be achieved with formed in place mounting lugs.
- Smooth, accurately tapped hubs prevent wire abrasion.
- Clear UL marking and volumetric marking cast into each box facilitate electrical inspection.
- Continuous box and cover compression ensure complete sealing at gasket interface to prevent moisture entry.
- Lockable covers.
- Closure plugs (2) provided with each box.
- Remaining hubs are knockout (KO) design. No closure plugs required.
- Mounting hardware and gasket provided with each cover.
- Locking swivel knuckle on lampholders permits positive lamp positioning and accurate directional aiming.
- Lampholders are supplied with locknuts, porcelain sockets and internal gaskets for reliability and weather protection.
- Complete installation instructions provided with each item.

### Standard Materials

- Boxes: PVC
- Covers: PVC or polycarbonate
- Cover screws: Nickel plated steel
- Gaskets: closed cell foam
- Sockets: porcelain (lampholders)

### NEC/CEC Certifications and Compliances

- UL Standard: 514C, 514D, 1598 as applicable
- cULus Listed: E109438, E477255
- CSA Standard: C22.2 No. 18.2 (2008), C22.2 No. 42.1, C22.2 No. 42.1



Most of the boxes, covers and lampholders are individually shrink wrapped, labeled and bar coded for ease of handling and identification.




Sturdy corrugated boxes with easy lift-off top with shrink wrapping facilitate merchandising.

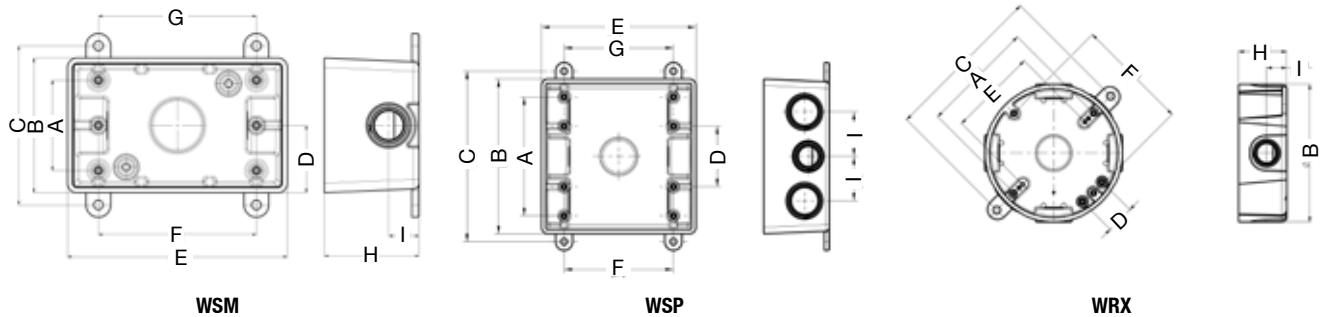
# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Non-Metallic Weatherproof Boxes, Covers and Lampholders

Closure plugs and mounting lugs included.

NEC/CEC:  
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Color	Catalog Number
	2	16.3	1/2	3	Gray	<b>WSM150GNM</b> ①
	2	16.3	1/2	3	White	<b>WSM150WNM</b> ①
PVC Material						
	2	28.3	1/2	7	Gray	<b>WSP25075GNM</b> ①
	2	28.3	1/2	7	White	<b>WSP25075WNM</b> ①
PVC Material						
	1.5	14.8	1/2	5	Gray	<b>WRX50GNM</b> ①
	1.5	14.8	1/2	5	White	<b>WRX50WNM</b> ①
PVC Material						




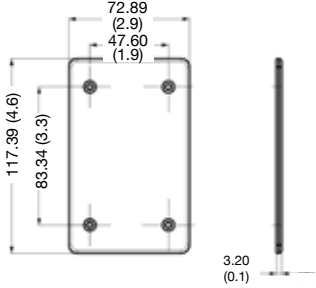

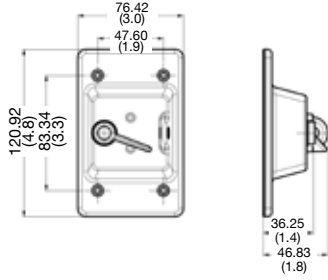

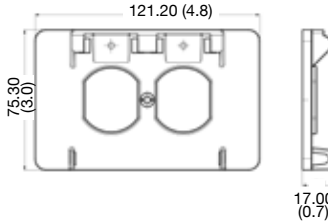

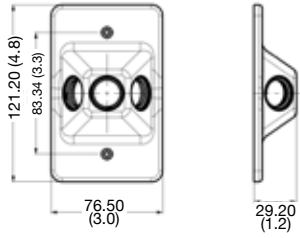
Dimensions In Millimeters (Inches)									Catalog Number
A	B	C	D	E	F	G	H	I	
47.63 (1.87)	71.00 (2.8)	83.80 (3.3)	35.50 (1.4)	116.00 (4.6)	82.55 (3.25)	83.34 (3.3)	50.00 (2.0)	16.00 (0.6)	<b>WSM150GNM</b>
47.63 (1.87)	71.00 (2.8)	83.80 (3.3)	35.50 (1.4)	116.00 (4.6)	82.55 (3.25)	83.34 (3.3)	50.00 (2.0)	16.00 (0.6)	<b>WSM150WNM</b>
90.50 (3.6)	117.70 (4.6)	129.60 (5.1)	46.00 (1.8)	117.70 (4.6)	82.55 (3.1)	83.34 (3.3)	—	33.80 (1.3)	<b>WSP25075GNM</b>
90.50 (3.6)	117.70 (4.6)	129.60 (5.1)	46.00 (1.8)	117.70 (4.6)	82.55 (3.1)	83.34 (3.3)	—	33.80 (1.3)	<b>WSP25075WNM</b>
88.90 (3.5)	108.60 (4.3)	127.00 (5.0)	22.00 (0.9)	69.85 (2.8)	88.90 (3.5)	—	38.00 (1.5)	16.00 (0.6)	<b>WRX50GNM</b>
88.90 (3.5)	108.60 (4.3)	127.00 (5.0)	22.00 (0.9)	69.85 (2.8)	88.90 (3.5)	—	38.00 (1.5)	16.00 (0.6)	<b>WRX50WNM</b>

① UL Listed Marine.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Non-Metallic Weatherproof Covers

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 PVC Material	Blank Cover	Universal	—	Gray	<b>WCB14GNM</b> ①	 72.89 (2.9) 47.60 (1.9) 117.39 (4.6) 83.34 (3.3) 3.20 (0.1)
				White	<b>WCB14WNM</b> ①	
 PVC Material	Toggle Cover	Horizontal	—	Gray	<b>WCT1GNM</b> ②	 76.42 (3.0) 47.60 (1.9) 120.92 (4.8) 83.34 (3.3) 36.25 (1.4) 46.83 (1.8)
				White	<b>WCT1WNM</b> ②	
 Polycarbonate Material	Lockable Cover	Horizontal	Duplex	Gray	<b>WHD1GNM</b> ②	 121.20 (4.8) 75.30 (3.0) 17.00 (0.7)
				White	<b>WHD1WNM</b> ②	
 Polycarbonate Material	1-Gang Lampholder Cover	Universal	Lampholders	Gray	<b>WC1350GNM</b> ②	 121.20 (4.8) 83.34 (3.3) 76.50 (3.0) 29.20 (1.2)
				White	<b>WC1350WNM</b> ②	


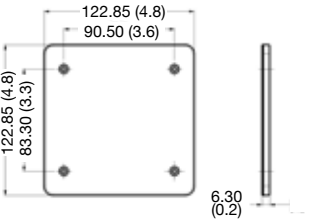

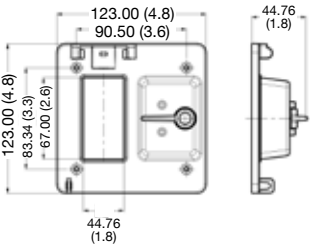

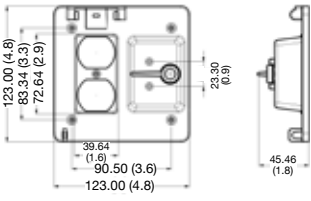

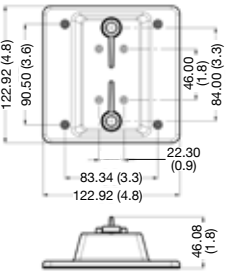
① UL Listed Marine.  
② cULus Listed.



# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Non-Metallic Weatherproof Covers

NEC/CEC:  
Listed for Ordinary Locations


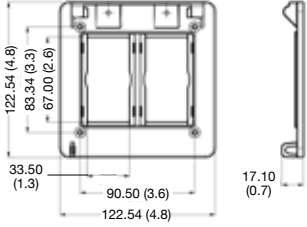

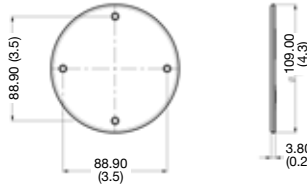

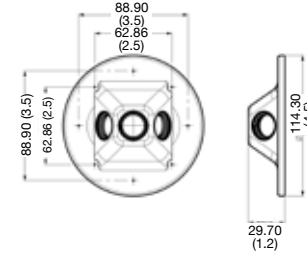

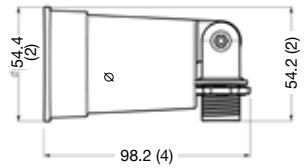
	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 PVC Material	2-Gang Blank Cover	Universal	—	Gray	WCB24GNM ①	
				White	WCB24WNM ①	
 PVC Material	2-Gang Device Cover	Horizontal	GFCI/Switch (Red Toggle)	Gray	WVTG2GTG ②	
				White	WVTG2GTW ②	
 PVC Material	2-Gang Device Cover	Horizontal	Duplex/Switch (Red Toggle)	Gray	WVTGGDT ②	
				White	WVTGWDT ②	
 PVC Material	2-Gang Device Cover	Horizontal	Switches (Not Included)	Gray	WVTT2GNM ②	
				White	WVTT2WNM ②	

① UL Listed Marine.  
② cULus Listed.

# Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

## Non-Metallic Weatherproof Covers

NEC/CEC:  
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 Polycarbonate Material	2-Gang Device Cover	Horizontal	(2) GFCI or (2) Duplex ③	Gray	<b>WVTGUGNM</b> ①	
				White	<b>WVTGUWNM</b> ①	
 PVC Material	Round Blank Cover	Universal	—	Gray	<b>WCBRGNM</b> ②	
				White	<b>WCBRWNM</b> ②	
 Polycarbonate Material	Round Lampholder Cover	Universal	Lampholders	Gray	<b>WCR350GNM</b> ①	
				White	<b>WCR350WNM</b> ①	
 Polycarbonate Material	Lampholder	Universal	Lamps	Gray	<b>WLIGNM</b> ①	
				White	<b>WLIWNM</b> ①	

① cULus Listed.  
 ② UL Listed Marine.  
 ③ Duplex inserts included with cover.

# Service Entrance Heads

Threaded For Rigid Conduit or IMC

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- Provides a weather-resistant termination of a Service Entrance Conduit Riser at utility connection point.

## Features

- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

## Standard Materials

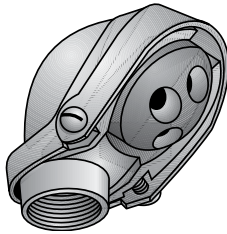
- Malleable or ductile iron
- Phenolic insulator

## Standard Finishes

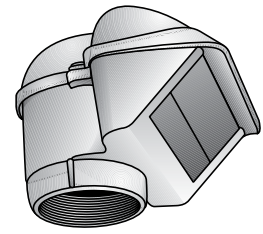
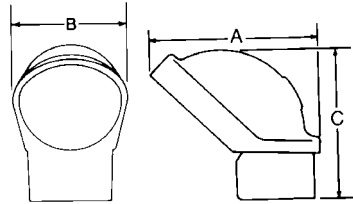
- Hot dip or mechanically galvanized

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Type 17-75G thru 17-400G



Type 17-500G and 17-600G

Trade Size (Inches)	No. Holes	Insulator Holes		Dimensions in Millimeters (Inches)			Catalog Number
		Dia.	A	B	C		
3/4	2	9.65 (0.38)	87.38 (3.44)	58.67 (2.31)	61.98 (2.44)	17-75G	
	3	10.41 (0.41)					
1	2	11.18 (0.44)	95.25 (3.75)	68.33 (2.69)	71.37 (2.81)	17-100G	
	3	12.70 (0.50)					
1-1/4	2	10.67 (0.42)	112.78 (4.44)	79.50 (3.13)	82.55 (3.25)	17-125G	
	3	16.00 (0.63)					
1-1/2	3	22.35 (0.88)	127.00 (5.00)	90.42 (3.56)	90.42 (3.56)	17-150G	
	1	11.18 (0.44)					
	2	19.05 (0.75)					
2	2	19.05 (0.75)	127.00 (5.00)	146.05 (5.75)	176.28 (6.94)	17-200G	
	3	25.40 (1.00)					
	1	13.46 (0.53)					
2-1/2	3	22.35 (0.88)	268.22 (10.56)	168.40 (6.63)	166.62 (6.56)	17-250G	
	1	25.40 (1.00)					
	3	33.27 (1.31)					
3	4	44.45 (1.75)	312.67 (12.31)	203.20 (8.00)	204.72 (8.06)	17-300G	
	2	28.70 (1.13)					
4	4	44.45 (1.75)	317.50 (12.50)	203.20 (8.00)	211.07 (8.31)	17-400G	
	2	28.70 (1.13)					

# Service Entrance Heads

Clamp-Type For Rigid Conduit or IMC

**NEC:**  
Listed for Ordinary Locations

## Applications

- Provides a weather-resistant termination of a Service Entrance Conduit Riser at utility connection point.

## Features

- Bar type pressure clamp in body.
- Screw does not bear directly on conduit.
- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

## Standard Material

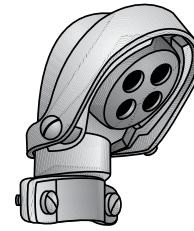
- Malleable iron
- Brass screws in hood
- Phenolic insulator

## Standard Finishes

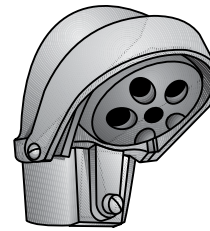
- Hot dip or mechanically galvanized

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817

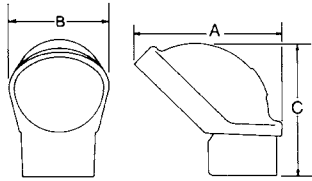


Type CT-75G



Type CT-100G

## Illustrated Dimensions



COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

OSGEDNEY

Trade Size (Inches)	Insulator Hole		Dimensions in Millimeters (Inches)			Catalog Number
	No. Holes	Size	A	B	C	
3/4	2	9.65 (0.38)	81.03 (3.19)	58.67 (2.31)	79.50 (3.13)	CT-75G
	3	10.41 (0.41)				
1	2	11.18 (0.44)	95.25 (3.75)	68.33 (2.69)	88.90 (3.50)	CT-100G
	3	12.70 (0.5)				
1-1/4	2	10.67 (0.42)	114.30 (4.5)	81.03 (3.19)	96.77 (3.81)	CT-125G
	3	16.00 (0.63)				
1-1/2	3	19.05 (0.75)	136.65 (5.38)	96.01 (3.78)	120.65 (4.75)	CT-150G
	2	14.99 (0.59)				
	1	11.18 (0.44)				
2	2	19.05 (0.75)	177.80 (7.00)	120.65 (4.75)	160.27 (6.31)	CT-200G
	3	25.40 (1.00)				
	1	13.46 (0.53)				

# Service Entrance Heads

Clamp-Type For Rigid Conduit or IMC

**NEC:**  
Listed for Ordinary Locations

## Applications

- Combination entrance cap to fit 2" mast and has 1-1/4" cap.

## Features

- Bar type pressure clamp in body.
- Screw does not bear directly on conduit.
- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

## Standard Material

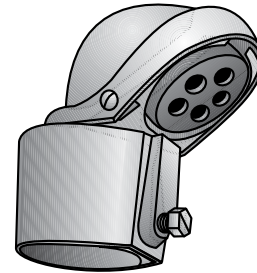
- Malleable iron
- Brass screws in hood
- Phenolic insulator

## Standard Finishes

- Hot dip or mechanically galvanized

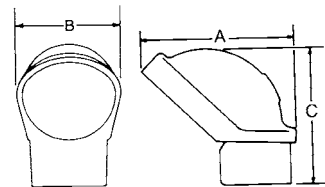
## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857



Type CT-2

## Illustrated Dimensions



Trade Size (Inches)	Insulator Hole No. Holes	Size	Dimensions in Millimeters (Inches)			CT-2-125G
			A	B	C	
2-1/4	2	10.67 (0.42)	127.00 (5.00)	81.03 (3.19)	128.52 (5.06)	CT-2-125G
	3	16.00 (0.63)				

# Service Entrance Heads

For SE Cable

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Provides a weather-resistant termination of Service Entrance Cable at utility connection point.

## Features

- For SE cables - keyhole mounting bracket style.
- Easy to assemble. Cable slips into cap and is securely held by clamping shoe.
- Has split insulator and well bushed holes.
- Cover overlaps to protect cables from weather.
- Weather resistant.

## Standard Materials

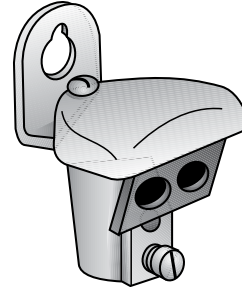
- Malleable iron body
- Phenolic insulator

## Standard Finishes

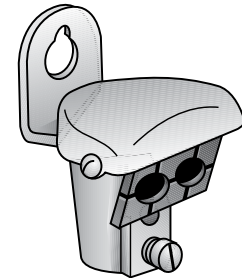
- Hot dip or mechanically galvanized

## NEC/CEC Certifications and Compliances

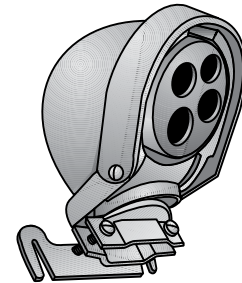
- UL Standard: ANSI/UL 514B
- UL Listed: E-11858
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Type 1754G

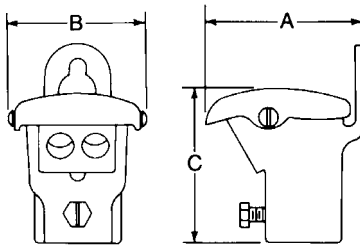


Type 1751G through 1753G



1749G

## Illustrated Dimensions



No. Holes	Holes Size Millimeters (Inches)	Max SEU	SEU Opening	Dimensions in Millimeters (Inches)			Catalog Number
				A	B	C	
2	10.41 (0.41)	3#8	11.18 (0.44) - 17.53 (0.69)	54.10 (2.13)	45.97 (1.81)	52.32 (2.06)	1754G
		2#4					
2	10.41 (0.41)	3#4	12.70 (0.50) - 25.40 (1.00)	61.21 (2.41)	50.04 (1.97)	61.98 (2.44)	1753G
		2#2					
2	13.46 (0.53)	3#2	19.05 (0.75) - 29.46 (1.16)	65.79 (2.59)	61.98 (2.44)	67.56 (2.66)	1752G
2	19.81 (0.78)	3#2/0	25.40 (1.00) - 38.1 (1.50)	85.85 (3.38)	80.26 (3.16)	76.20 (3.00)	1751G
3	22.35 (0.88)	3#4/0	28.70 (1.13) - 44.45 (1.75)	88.9 (3.50)	95.25 (3.75)	99.31 (3.91)	1749G
1	11.18 (0.44)						

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

OZGEDNEY

# Watertight Service Entrance and UF Cable Connectors

**NEC:**  
Listed for Ordinary Locations

## Applications

- For securing and sealing service entrance and UF cable entering an enclosure or conduit hub.

## Features

- Tapered male threads (NPT).
- Suitable for use in wet locations.
- Locknuts, Sealing Locknuts and Sealing Ring Assemblies available for use in sheet metal knockouts.

## Standard Materials

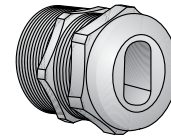
- Body: malleable iron
- Grommet: PVC
- Compression washer: steel

## Standard Finishes

- Body: zinc electroplated
- Compression washer: zinc electroplated

## NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11858
- Fed. Spec: W-F-406E



**Type SE**  
Tapered threaded male hub – NPT

Hub Size (Inches)	Type SEU 3 Conductor			Type UF Cable	Catalog Number
	Braided	Neoprene Jacket	Jacket		
1/2				2#14WG and WO/G	SE-501 ①
1/2				2#12WG and WO/G	
3/4				3#14WG and WO/G	SE-752 ①
3/4				3#12WG and WO/G	
3/4				3#10WG and WO/G	SE-751
3/4	3#10	3#10	3#8		
3/4	3#10	3#10	3#8		SE-753
3/4		3#8	3#6		
1				3#14WG and WO/G	SE-1001 ①
1				3#12WG and WO/G	
1				3#10WO/G	
1	3#8	3#8	3#6		SE-1002
1	3#6	3#6	3#4		
1	3#6	3#6	3#4		SE-1003
1	3#4		3#2		
1	3#4	3#4	3#2		SE-1004
1	3#3	3#3	3#1		
1	2#2				
1	1#4				

Hub Size (Inches)	Type SEU 3 Conductor			Type UF Cable	Catalog Number
	Braided	Neoprene Jacket	Jacket		
1-1/4	3#4	3#4	3#2		SE-1251
1-1/4	3#3	3#3	3#1		
1-1/4	3#2				SE-1253
1-1/4	3#3	3#4	3#1		
1-1/4	3#2	3#3	3#1/0		SE-1252
1-1/4		3#2			
1-1/4	3#2	3#2	3#1/0		SE-1504
1-1/2	3#1	3#1	3#2/0		
1-1/2	3#1	3#1	3#2/0		SE-1505
1-1/2	3#1/0		3#3/0		
1-1/2	3#1/0	3#1	3#3/0		SE-1506
1-1/2	3#2/0	3#1/0	3#4/0		
2	3#1/0	3#1	3#3/0		SE-2006
2	3#2/0	3#1/0	3#4/0		
2	3#2/0	3#1/0	3#4/0		SE-2007
2	3#3/0	3#2/0			
2	3#3/0	3#2/0			SE-2008
2	3#4/0	3#3/0			
2	3#4/0	3#3/0			SE-2009
2		3#4/0			

① Can be used with UF Cable.

# Watertight Service Entrance and UF Cable Connectors

**NEC:**  
Listed for Ordinary Locations

## Dimensions in Millimeters (Inches)

Cable Oval Grommet Range		Body Length	Thread Length	Max. Dia.	Catalog Number
Min.	Max.				
3.81 x 8.38 (0.15 x 0.33)	6.35 x 10.92 (0.25 x 0.43)	28.7 (1.13)	13.46 (0.53)	26.92 (1.06)	<b>SE-501</b>
4.32 x 14.73 (0.17 x 0.58)	7.37 x 18.03 (0.29 x 0.71)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	<b>SE-752</b>
7.11 x 12.19 (0.28 x 0.48)	10.16 x 15.49 (0.40 x 0.61)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	<b>SE-751</b>
8.64 x 14.73 (0.34 x 0.58)	11.68 x 18.03 (0.46 x 0.71)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	<b>SE-753</b>
3.56 x 14.22 (0.14 x 0.56)	7.37 x 18.03 (0.29 x 0.71)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	<b>SE-1001</b>
9.40 x 16.76 (0.37 x 0.66)	13.21 x 20.57 (0.52 x 0.81)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	<b>SE-1002</b>
10.92 x 19.30 (0.43 x 0.76)	14.73 x 23.11 (0.58 x 0.91)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	<b>SE-1003</b>
12.45 x 21.84 (0.49 x 0.86)	16.26 x 25.65 (0.64 x 1.01)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	<b>SE-1004</b>
11.18 x 20.57 (0.44 x 0.81)	16.26 x 25.65 (0.64 x 1.01)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	<b>SE-1251</b>
12.70 x 23.11 (0.50 x 0.91)	17.78 x 28.19 (0.70 x 1.11)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	<b>SE-1253</b>
13.97 x 25.65 (0.55 x 1.01)	19.05 x 30.73 (0.75 x 1.21)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	<b>SE-1252</b>
13.97 x 25.65 (0.55 x 1.01)	19.05 x 30.73 (0.75 x 1.21)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	<b>SE-1504</b>
15.49 x 28.19 (0.61 x 1.11)	20.57 x 33.27 (0.81 x 1.31)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	<b>SE-1505</b>
16.76 x 30.73 (0.66 x 1.21)	21.84 x 35.81 (0.86 x 1.41)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	<b>SE-1506</b>
16.76 x 30.73 (0.66 x 1.21)	21.84 x 35.81 (0.86 x 1.41)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	<b>SE-2006</b>
18.54 x 33.27 (0.73 x 1.31)	23.62 x 38.35 (0.93 x 1.51)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	<b>SE-2007</b>
20.83 x 35.81 (0.82 x 1.41)	25.91 x 40.89 (1.02 x 1.61)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	<b>SE-2008</b>
21.84 x 38.35 (0.86 x 1.51)	26.92 x 43.43 (1.06 x 1.71)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	<b>SE-2009</b>
22.86 x 40.89 (0.90 x 1.61)	27.94 x 45.97 (1.10 x 1.81)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	<b>SE-20010</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

OZGEDNEY



# Non-Watertight Service Entrance Connectors

**NEC/CEC:**  
Listed for Ordinary Locations

## Applications

- To secure SE/SEU Flat Cable, Non-Metallic Sheathed Flat Cable and other oval (flat) non-metallic cables to boxes and enclosures.

## Features

- 2-screw double clamp - open throat type.
- Furnished with locknut.
- Male hub threads — NPS.

## Standard Materials

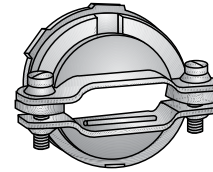
- Body - malleable iron
- Screws and locknut - steel

## Standard Finishes

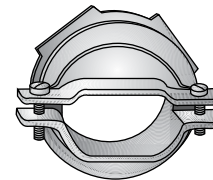
- Zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-23237
- CSA Standard C22.2 No. 18
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1

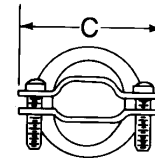
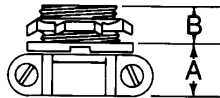


Type 806F — Type 908F



Type 909F

## Illustrated Dimensions



Trade Size (Inches)	SEU Cable Range (Braid Neoprene and PVC Jacketed)	Dimensions in Millimeters (Inches)			Clamp Opening Range			Catalog Number
		A	B	C	Min.	Max.	Width	
3/4	3#10 to 3#6	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	8.38 (0.33)	20.83 (0.82)	20.83 (0.82)	806F
1	3#10 to 3#2	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	7.62 (0.30)	26.92 (1.06)	26.92 (1.06)	906F
1-1/4	3#3 to 3#1/0	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	12.70 (0.50)	34.29 (1.35)	34.29 (1.35)	907F
1-1/2	3#1/0 to 3#3/0	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	14.99 (0.59)	28.19 (1.11)	39.62 (1.56)	908F
2	3#2/0 to 3#4/0	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	19.56 (0.77)	28.96 (1.14)	45.21 (1.78)	909F

# Non-Watertight Service Entrance Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- Type 806 and Type 906 Series - to secure Service Entrance Cable, Non-Metallic Sheathed Cable and Flexible Cords to boxes and enclosures.

## Features

- Available with insulated throats.
- Furnished with locknuts.
- Male hub threads — NPS.

## Standard Materials

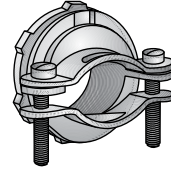
- Body - malleable iron
- Screws/locknut - steel

## Standard Finishes

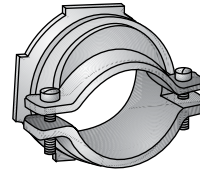
- Zinc electroplated

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-23237
- CSA Standard C22.2 No. 18
- Fed. Spec: W-F-406E
- NEMA: FB-1

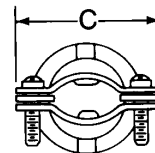
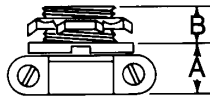


Type 806 — Type 908



Type 909

## Illustrated Dimensions



Trade Size (Inches)	Clamp Opening		Dimensions in Millimeters (Inches)				Catalog Number	Insulated Throat Catalog Number
	Min.	Max.	Width	A	B	C		
3/4	9.40 (0.37)	21.34 (0.84)	21.34 (0.84)	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	806	806T
1	10.67 (0.42)	26.67 (1.05)	26.67 (1.05)	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	906Z	906T
1-1/4	19.05 (0.75)	34.04 (1.34)	34.04 (1.34)	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	907	907T
1-1/2	23.11 (0.91)	36.83 (1.45)	39.37 (1.55)	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	908	908T
2	35.31 (1.39)	51.56 (2.03)	51.56 (2.03)	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	909	909T

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

EMERSON

# Service Entrance Cable Connectors <sup>①</sup>

**NEC:**  
Listed for Ordinary Locations

## Applications

- To secure service entrance cable and nonmetallic sheathed to boxes and enclosures.

## Features

- Furnished with locknut.
- Male hub threads — NPS.

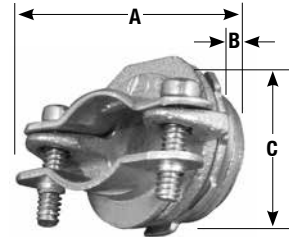
## Standard Material/Finish

- Malleable iron/zinc electroplated

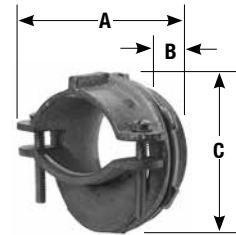
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## Illustrated Dimensions



15233



15237

Trade Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	15233
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	15234
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	15235
1-1/2	40.4 (1.59)	20.6 (0.81)	20.6 (0.81)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	15236
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	15237

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

# Service Entrance Cable Connectors <sup>①</sup>

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To secure nonmetallic sheathed and service entrance cable to boxes and enclosures.

## Features

- Furnished with locknut.
- Male hub threads — NPS.

## Standard Material

- Zinc diecast

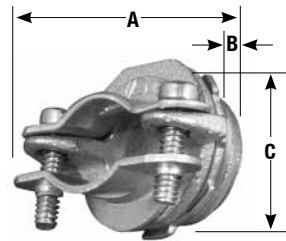
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233-DC

## Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	20.6 (0.81)	6.4 (0.25)	9.7 (0.38)	14.2 (0.56)	42.9 (1.69)	5.13 (11.30)	15233-DC
1	26.2 (1.03)	9.7 (0.38)	14.2 (0.56)	12.7 (0.50)	49.3 (1.94)	7.94 (17.50)	15234-DC
1-1/4	26.2 (1.03)	9.7 (0.38)	16.0 (0.63)	16.0 (0.63)	55.6 (2.19)	10.43 (23.00)	15235-DC

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

# Nonmetallic Sheathed and Service Entrance Cable Connectors

**NEC:**  
Listed for Ordinary Locations

**NEC/CEC:**  
Listed for Ordinary Locations

## Nonmetallic Sheathed Cable <sup>①</sup> Connector With Cam Lock

### Applications

- To ground and secure nonmetallic sheathed cable to boxes and enclosures.

### Features

- Positive-stop locking action.
- Used with 14-2, 12-2 and 10-2 (with or without ground).

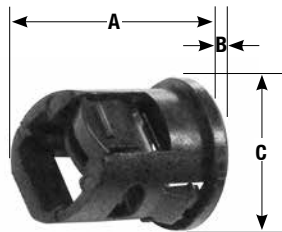
### Standard Material

- Thermoplastic

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- NEMA: FB-1

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	A	B	C		
1/2	27.7 (1.09)	3.3 (0.13)	25.4 (1.00)	0.59 (1.30)	A-1 <sup>②</sup>

## Nonmetallic Sheathed Cable and Service Entrance Cable <sup>①</sup> Connectors

### Applications

- To secure service entrance cable and nonmetallic sheathed to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

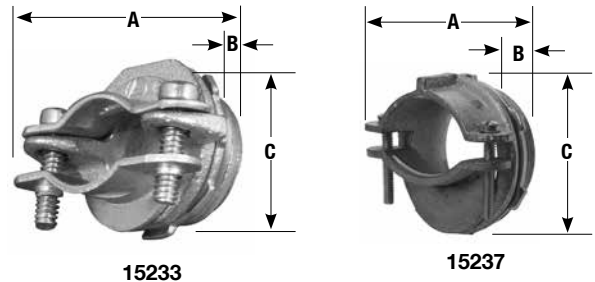
### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

### Illustrated Dimensions



Trade Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	15233
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	15234
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	15235
1-1/2	40.4 (1.59)	20.6 (0.81)	19.1 (0.75)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	15236
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	15237

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.  
<sup>②</sup> Not CSA certified.

# Nonmetallic Sheathed and Service Entrance Cable Connectors <sup>①</sup>

NEC/CEC:  
Listed for Ordinary Locations

## Applications

- To secure nonmetallic sheathed and service entrance cable to boxes and enclosures.

## Features

- Furnished with locknut.
- Male hub threads — NPS.

## Standard Material

- Zinc diecast

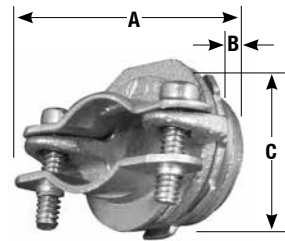
## NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233-DC

## Illustrated Dimensions



COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	20.6 (0.81)	6.4 (0.25)	9.7 (0.38)	14.2 (0.56)	42.9 (1.69)	5.13 (11.30)	15233-DC
1	26.2 (1.03)	9.7 (0.38)	14.2 (0.56)	12.7 (0.50)	49.3 (1.94)	7.94 (17.50)	15234-DC
1-1/4	26.2 (1.03)	9.7 (0.38)	16.0 (0.63)	16.0 (0.63)	55.6 (2.19)	10.43 (23.00)	15235-DC

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

# Round Service Entrance Straps and Nails

For Round SE and NM Cables

**CEC:**  
Listed for Ordinary Locations

**CEC:**  
Listed for Ordinary Locations

## Type 14-G

### Application

- To secure round SE and NM cable.

### Standard Materials

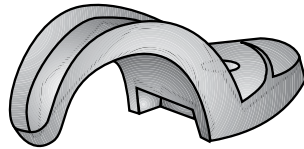
- Malleable iron

### Standard Finishes

- Mechanically galvanized

### CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: FF-S-760



Type 14-G

## Type 333G

### Application

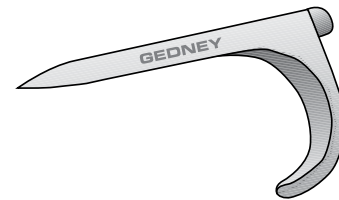
- To secure round SE and NM cable.

### Standard Materials

- Malleable iron

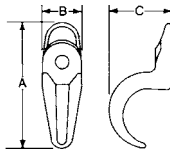
### Standard Finishes

- Mechanically galvanized



Type 333G

### Illustrated Dimensions



Conduit Size Inches	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	Bolt Dia.	
1/8	49.28 (1.94)	12.70 (0.50)	12.70 (0.50)	#10	14-18G
1/4	40.39 (1.59)	14.99 (0.59)	16.00 (0.63)	6.35 (0.25)	14-25G
3/8	44.45 (1.75)	16.00 (0.63)	19.05 (0.75)	6.35 (0.25)	14-38G

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Nail Length	Nominal Thickness	
1/2	55.63 (2.19)	4.83 (0.19)	333G
3/4	63.50 (2.50)	4.83 (0.19)	334G
1	73.15 (2.88)	4.83 (0.19)	335G

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

GEDNEY

# NEER™ Aluminum Service Entrance Pulling Ells

For Threaded Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## SLB: Pulling Ells

### Applications

- To provide access to the inside of a service raceway.
- For wire pulling where the raceway changes direction 90 degrees.
- Limited to No. 6 AWG maximum wire size. The maximum quantity of conductors is based on the maximum conductor fill for the trade size of the raceway (conduit).

### Features

- Cover and gasket included.
- Hub in back sits flat on wall.

### Standard Material/Finish

- Diecast aluminum/epoxy powder coat
- Gasket: fiber

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



SLB-50

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1/2	82.3 (3.24)	31.0 (1.22)	36.1 (1.42)	<b>SLB-50</b>
3/4	90.7 (3.57)	35.6 (1.40)	68.1 (2.68)	<b>SLB-75</b>
1	108.0 (4.25)	45.0 (1.77)	49.8 (1.96)	<b>SLB-100</b>
1-1/4	142.7 (5.62)	57.4 (2.26)	61.7 (2.43)	<b>SLB-125</b>
1-1/2	158.8 (6.25)	62.7 (2.47)	59.7 (2.35)	<b>SLB-150</b>
2	171.5 (6.75)	74.2 (2.92)	73.7 (2.90)	<b>SLB-200</b>

## SLB-XL: Extra Long Pulling Ells

### Applications

- To provide access to the inside of a service raceway.
- For wire pulling where the raceway changes direction 90 degrees.

### Features

- Cover and gasket included.

### Standard Material/Finish

- Diecast aluminum/epoxy powder coat
- Gasket: fiber

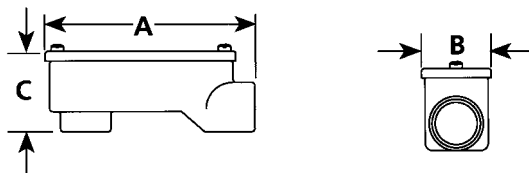
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



SLB-125-XL

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1-1/4	199.9 (7.87)	65.0 (2.56)	59.7 (2.35)	<b>SLB-125-XL</b>
2	260.4 (10.25)	81.8 (3.22)	84.3 (3.32)	<b>SLB-200-XL</b>



# NEER™ Aluminum Entrance Caps

**NEC:**  
Listed for Ordinary Locations

## Applications

- Clamp type aluminum entrance caps for threaded or unthreaded rigid conduit, IMC or EMT service masts.

## Standard Material

- ECO-100 thru ECO-101: zinc diecast
- ECO-102 thru ECO-109: aluminum/natural

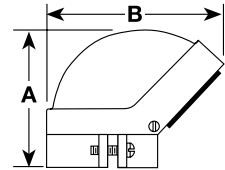
## NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



ECO -100

## Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Insulator Holes		Catalog Number
	A	B	No. Holes	Dia.	
1/2	68.6 (2.70)	82.6 (3.25)	4	19/64	ECO-100
3/4	71.1 (2.80)	92.5 (3.64)	2	3/8	ECO-101
			3	13/32	
1	86.4 (3.40)	105.4 (4.15)	2	7/16	ECO-102
			3	1/2	
1-1/4	84.3 (3.32)	117.1 (4.61)	2	27/64	ECO-103
			3	5/8	
1-1/2	120.7 (4.75)	147.1 (5.79)	2	19/32	ECO-104
			3	3/4	
2	146.1 (5.75)	175.3 (6.90)	2	3/4	ECO-105
			3	1	
2-1/2	177.8 (7.00)	266.7 (10.50)	1	7/8	ECO-106
			3	1-5/16	
3	215.9 (8.50)	298.5 (11.75)	4	1-1/8	ECO-107
			3	1-3/4	
3-1/2	215.9 (8.50)	311.2 (12.25)	4	1-1/8	ECO-108
			3	1-3/4	
4	222.3 (8.75)	317.5 (12.50)	4	1-1/8	ECO-109
			3	1-3/4	

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton® OZGEDNEY

# NEER™ Aluminum Entrance Caps

NEC:  
Listed for Ordinary Locations

## Applications

- Set screw type aluminum entrance caps for unthreaded rigid conduit or IMC service masts.

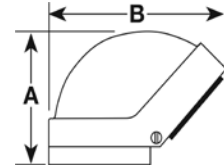
## Standard Material

- Aluminum/natural

## NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1

## Illustrated Dimensions



ECS-105

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Insulator Holes		Catalog Number
	A	B	No. Holes	Dia.	
2	139.7 (5.50)	177.8 (7.00)	2	3/4	ECS-105
			3	1	
			1	1-5/16	
2-1/2	184.2 (7.25)	260.4 (10.25)	3	7/8	ECS-106
			1	1	
			3	1-5/16	
3	222.3 (8.75)	273.1 (10.75)	4	1-1/8	ECS-107
			3	1-3/4	
3-1/2	235.0 (9.25)	342.9 (13.50)	4	1-1/8	ECS-108
			3	1-3/4	
4	235.0 (9.25)	342.9 (13.50)	4	1-1/8	ECS-109
			3	1-3/4	

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton OZGEDNEY

# NEER™ Service Entrance Caps and Straps

For SE/U Cable

NEC/CEC:  
Rated for Ordinary Locations

## 1050: Combination Slip Fitter

### Applications

- Weather resistant entrance cap for service drop conductors.

### Features

- Slip fit.
- Phenolic insulator with multiple holes.
- For use outdoors in wet locations.

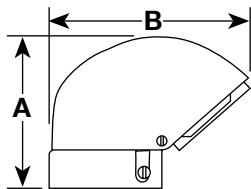
### Standard Material/Finish

- Aluminum/natural



1050

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
2 x 1-1/4	102.9 (4.05)	120.1 (4.73)	<b>1050</b>
2-1/2 x 1	131.6 (5.18)	165.1 (6.50)	<b>1053</b>

## 1702: One Hole Stamped Steel Straps

### Applications

- One hole strap for securing Type SE or Type USE cables.

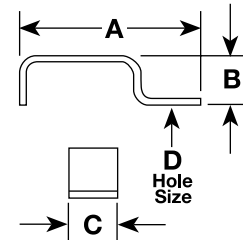
### Standard Material/Finish

- Steel/zinc plated



1702

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)				Catalog Number
	A	B	C	D	
2/3	49.5 (1.95)	17.0 (0.67)	19.1 (0.75)	6.4 (0.25)	<b>1702</b>
3/3	49.3 (1.94)	16.0 (0.63)	14.5 (0.57)	6.4 (0.25)	<b>1703</b>
6/4, 4/3	43.2 (1.70)	11.7 (0.46)	14.2 (0.56)	6.4 (0.25)	<b>1704</b>
1, 1/0 or 2/0	63.2 (2.49)	20.8 (0.82)	25.4 (1.00)	7.9 (0.31)	<b>1710</b>
3/0, 4/0	71.1 (2.80)	24.6 (0.97)	25.4 (1.00)	7.9 (0.31)	<b>1740</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton® OZGEDNEY

# NEER™ PVC Entrance Caps

Threaded for Rigid Conduit and IMC

NEC/CEC:  
Listed for Ordinary Locations

## PVC: Entrance Caps

### Applications

- Plastic entrance caps for rigid conduit, IMC, EMT or PVC conduit service mast.

### Features

- Cover releases with screwdriver twist, no screws to back out.
- U-slots eliminate two piece insulator.
- Complete with EMT adapter.

### Standard Material

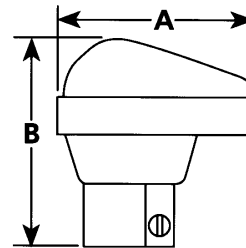
- PVC

### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



### Illustrated Dimensions



COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton OZGEDNEY

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	A	B	
1/2	73.7 (2.90)	66.8 (2.63)	PVC-100
3/4	80.5 (3.17)	80.0 (3.15)	PVC-101
1	85.1 (3.35)	79.0 (3.11)	PVC-102
1-1/4	99.1 (3.90)	94.0 (3.70)	PVC-103
1-1/2	96.5 (3.80)	95.8 (3.77)	PVC-104
2	158.8 (6.25)	165.1 (6.50)	PVC-105

# NEER™ Zinc Two Screw Connectors For Service Entrance Cable

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## C: For Oval Service Entrance Cables

### Applications

- To terminate oval Type SE or Type USE cable.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

### Standard Material/Finish

- Body: zinc diecast
- Clamp (C-750, C-1000): steel/zinc plated
- Clamp (C-1250, C-1500, C-2000): zinc diecast
- Screw: steel/zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

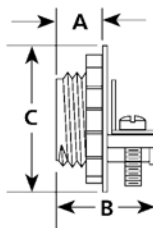


C-750 and C-1000



C-1250 thru C-2000

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			SE Range	Catalog Number
	A	B	C		
3/4	10.7 (0.42)	23.9 (0.94)	23.1 (0.91)	8-3, 6-3	<b>C-750</b>
1	13.0 (0.51)	28.2 (1.11)	30.5 (1.20)	6-3, 4-3	<b>C-1000</b>
1-1/4	15.2 (0.60)	33.3 (1.31)	47.5 (1.87)	3-3, 2-3	<b>C-1250</b>
1-1/2	15.0 (0.59)	33.8 (1.33)	51.1 (2.01)	3-2/0	<b>C-1500</b>
2	18.8 (0.74)	39.9 (1.57)	66.5 (2.62)	3-4/0	<b>C-2000</b>

① Not UL Listed or CSA Certified.

Note:

- C-750 and C-1000 also listed for use with nonmetallic sheathed cable.

## C-R: For Round Service Entrance Cables

### Applications

- To terminate round Type SE or Type USE cable.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

### Standard Material/Finish

- Body: zinc diecast
- Clamp: steel/zinc plated
- Screw: steel/zinc plated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

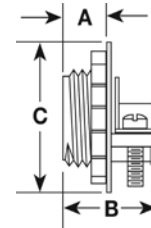


C-1001-R thru C-1501-R



C-2001-R

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			SER Range	Catalog Number
	A	B	C		
1	13.0 (0.51)	28.2 (1.11)	38.4 (1.51)	6-3, 4-3	<b>C-1001-R</b>
1-1/4	15.2 (0.60)	31.8 (1.25)	46.2 (1.82)	3-3, 2-3	<b>C-1251-R</b>
1-1/2	16.3 (0.64)	36.6 (1.44)	52.3 (2.06)	3-2/0, 3-3/0	<b>C-1501-R</b>
2	18.8 (0.74)	40.4 (1.59)	65.5 (2.58)	4-4/0	<b>C-2001-R</b> ①

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton® OZGEDNEY

# NEER™ Service Entrance Flashings

NEC/CEC:  
Rated for Ordinary Locations

## NC: No Caulk, Galvanized Steel

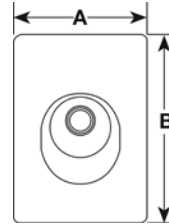
### Applications



- These are used to provide a watertight connection between the roof line and service masts or ventilation pipes.

### Standard Material

- NC and 1000: galvanized steel
- 1000-N: neoprene

### Illustrated Dimensions



	Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
		A	B	
<b>NC: No Caulk, Galvanized</b>				
	1-1/4 - 1-1/2	222.3 (8.75)	317.5 (12.50)	<b>NC-1069</b>
	2	225.6 (8.88)	317.5 (12.50)	<b>NC-1070</b>
	2-1/2 - 3-1/2	273.1 (10.75)	368.3 (14.50)	<b>NC-1071</b>
<b>1000: Galvanized with Collar</b>				
	2	273.1 (10.75)	368.3 (14.50)	<b>1070</b>
	2-1/2	273.1 (10.75)	368.3 (14.50)	<b>1071</b>
<b>1000-N: All-Neoprene</b>				
	1-1/4 - 1-1/2	228.6 (9.00)	285.8 (11.25)	<b>1069-N</b>
	2	228.6 (9.00)	292.1 (11.50)	<b>1070-N</b>
	2-1/2 - 3-1/2	228.6 (9.00)	292.1 (11.50)	<b>1071-N</b>
	3	254.0 (10.00)	342.9 (13.50)	<b>1072-N</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton OZGEDNEY

# NEER™ Service Entrance Wire Holders

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Rated for Ordinary Locations

## 1402: All Porcelain with Lag Screw

### Applications

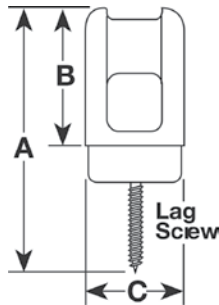
- To secure overhead service entrance drop to building exterior.
- For 600 volt services or less.

### Standard Material/Finish

- Porcelain
- Screw: steel/zinc plated



### Illustrated Dimensions



Lag Screw Length (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
2-1/4	136.1 (5.36)	78.0 (3.07)	47.0 (1.85)	<b>1402</b>

## 1401: Adjustable with Porcelain Insulator

### Applications

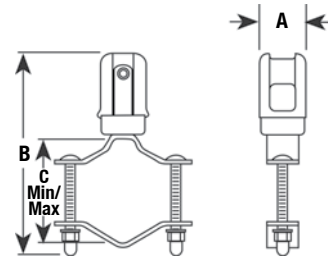
- Clamp-on adjustable wire holder for service entrance masts.
- May be used in other applications requiring insulator attachment to pipe.
- For 600 volt services or less.

### Standard Material/Finish

- Clamps: porcelain/steel
- Screw: steel/zinc plated



### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	A	B	C	
1-1/4 x 2-1/2	41.1 (1.62)	184.2 (7.25)	4.00/101.6 (1.75/44.5)	<b>1401</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Apleton® OZGEDNEY

# NEER™ Service Entrance Connectors

NEC/CEC:  
Listed for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## UF: For Underground Cable

### Applications

- Gland type connector for sealing and terminating. Type UF cable.

### Standard Material/Finish

- Steel/zinc plated
- Grommet: neoprene

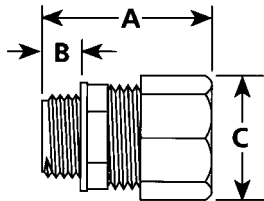
### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- NEMA: FB-1



UF

### Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Cable Range	Catalog Number
	A	B	C		
1/2	33.3 (1.31)	12.7 (0.50)	27.4 (1.08)	14-2 and 12-2 AWG	UF-50
3/4	38.4 (1.51)	13.2 (0.52)	33.8 (1.33)	14-3, 12-3, 10-3 and 8-2 AWG	UF-75

Ⓢ Not CSA certified

\* WC Note: Connector Selection: SE dimensions are based upon average dimensions given by various manufacturers of cable. Individual manufacturers vary. Actual dimensions must be checked and proper fittings selected based upon "grommet range minimum" column.

## WC: For Oval SE/U Cable

### Applications

- For terminating and sealing service entrance cable entering an enclosure or conduit hub.

### Standard Material/Finish

- Body: zinc diecast
- Compression washer: steel/zinc plated
- Grommet: neoprene

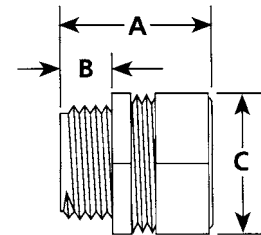
### NEC/CEC Certifications and Compliances

- WC-1004 thru WC-2004N, except WC-1501 and WC-2001  
UL Listed: E37336
- WC-1004 thru WC-2004N  
CSA Certified: LR14489



WC

### Illustrated Dimensions



Trade Size (Inches)	Grommet ① Minimum	Opening Maximum	Dimensions in Millimeters (Inches)			Catalog Number
			A	B	C	
1	0.50 (0.32)	0.80 (0.50)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	WC-1004
1	0.71 (0.40)	0.70 (0.44)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	WC-1006
1	0.81 (0.44)	0.63 (0.40)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	WC-1008
1-1/4	0.93 (0.51)	0.85 (0.57)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	WC-1252
1-1/4	0.87 (0.48)	0.85 (0.51)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	WC-1253
1-1/4	1.05 (0.57)	0.94 (0.66)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	WC-1252N
1-1/2	1.10 (0.65)	1.19 (0.70)	55.4 (2.18)	15.7 (0.62)	54.6 (2.15)	WC-1501
1-1/2	1.20 (0.70)	1.23 (0.74)	55.4 (2.18)	15.7 (0.62)	54.6 (2.15)	WC-1502
2	1.10 (0.65)	1.19 (0.70)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	WC-2001
2	1.20 (0.70)	1.23 (0.74)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	WC-2002
2	1.30 (0.75)	1.41 (0.83)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	WC-2003
2	1.43 (0.84)	1.53 (0.89)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	WC-2004
2	1.58 (0.94)	1.58 (1.00)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	WC-2004N

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton OZGEDNEY



# NEER™ Duct Sealing Compound

NEC:  
Listed for Ordinary Locations

## NEER™ Duct Sealing Compound

### Applications

- NEER™ sealer is used primarily by the building and specifically by the electrical trade to seal around junction boxes, flashings and service mast entries. It can be shaped by hand to any form and reused if necessary. NEER™ duct seal has countless other applications in the refrigeration, heating and cooling, plumbing and metal-fabrication fields. It is an excellent general purpose sealant around the home.

### Features

- FDA Approved as listed in CFR, Title 21 being composed of ingredients acceptable for packaging and transporting food.
- Chemically acceptable to the U.S.D.A. for use in meat and poultry processing areas under Federal Inspection.
- Dielectric strength: approximate 100 volts per mil (ASTM D149-64).
- Resistivity: 1.5.1 @ 100 °C (212 °F)/. 4.8 x 109 ohm-cm 1.5.2 after 96 hours @ 115 °C (239 °F). 4.8 x 1010 ohm-cm (ASME power test code of 1965, Section 40.5).
- NEER™ duct seal may be painted immediately after application and will not bleed through the dry paint film.
- Non-corrosive: will not corrode metal.
- Non-irritant: no irritation to eyes or skin as listed in CFR, Title 16, "Appraisal of the safety of chemicals in food, drugs and cosmetics."
- This sealer is a gray, permanently soft, non-toxic, non-volatile compound which will adhere to most clean, dry surfaces.



DC-10

### Physical and Chemical Characteristics

- Base: non-drying synthetic polymers and oils.
- No unpleasant odor.
- Temperature tolerance range: -34.4 °C (-30 °F) to +79.4 °C (+175 °F). Will not slump at +135 °C (+275 °F) for brief periods.
- Fillers: saturated mineral fillers and other inert ingredients.
- Cone penetration: (ASTM D217-52T) modified to total moving load of 300 gm., 5 sec. @ +25 °C (+77 °F); 100-115 mm/10.
- Non-volatile (solids): 100.
- Specified gravity: 1.65 to 1.7 (ASTM D71-72).
- Temperature usage range (recommended): -3.9 °C (+25 °F) to +48.9 °C (+120 °F).
- Shelf life: unlimited.

### NEC Certifications and Compliances

- UL Standard: 723
- UL Listed: R11682e

Size kg (lb)	Catalog Number
0.45 (1.00)	DC-10
2.27 (5.00)	DC-50

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Appleton® OZGEDNEY

# NEER™ Duct Sealing Compound

NEC:  
Listed for Ordinary Locations

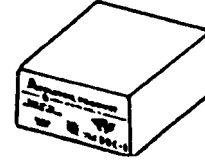
## Appleton™ Duct Sealing Compound

### Applications

- Appleton™ Duct sealing weatherproof compound is used to seal around junction boxes, flashings and service mast entries for enhanced protection.

### NEC Certifications and Compliances

- UL Standard: 723
- UL Listed: E10627, E-14814



DUC-1

COMMERCIAL AND INDUSTRIAL FITTINGS: SERVICE ENTRANCE FITTINGS

Size kg (lb)	Catalog Number
0.45 (1.00)	DUC-1
2.27 (5.00)	DUC-5



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