

TYPES YAV BOX AND YAV

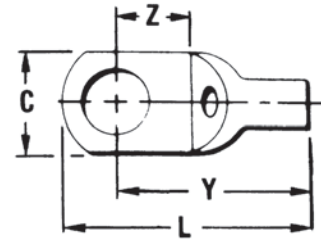
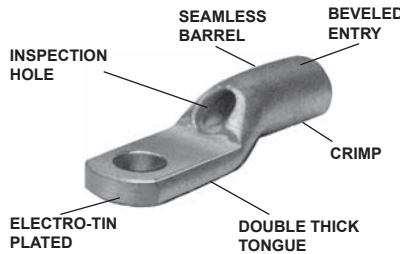
HYLUG™

Seamless Uninsulated Compression Heavy Duty Ring Tongue Terminal

HYLUG™ type YAV is a seamless, heavy duty uninsulated compression ring tongue terminal manufactured from pure electrolytic copper tubing and is for use on copper commercial (code) cable, type AN aircraft cable and extra flexible conductors. Because of its seamless design, the YAV HYLUG™ also accommodates solid conductors.

The seamless tubing produces a double thick tongue and a strong connector for demanding applications that require high reliability. Applications include industrials, hospitals, electric utilities, aircraft, shipboard and marine, computers, steel mills, mining equipment and other equipment that is subject to vibration or requiring dependable electrical performance.

The YAV HYLUG™ terminals meet the requirements of SAE-AS7928.



Features & Benefits

- Manufactured from seamless pure electrolytic copper tubing
- Provides maximum conductivity, low resistance and excellent ductility for crimping
- Seamless tubular crimp barrel design
- No seams to split resulting in a very high quality electrical connection, also can be used on solid conductor
- Double thick tongue
- Provides a very strong terminal tongue
- Produced from tubular copper
- Extra copper material assures the compression connector will operate cooler than the conductors it connects
- Internally bevelled barrel
- Provides easy cable entry, especially for flexible conductors

- Inspection hole
- Provides easy visual check for proper conductor insertion
- Electro-tin plated
- Provides long lasting durable corrosion resistance
- Nickel plating available, add "NK" suffix
- Nickel plated HYLUG™ provide high temperature applications up to 650° F continuous service and 750° F intermittent service



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length				
			C	L Max.	Y Max.	Z Min.							
YAV18-T4BOX	22-18 Str. and Sol.	3,4	0.19	0.59	0.54	0.16	YAV18T4	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, MRE1022B	9/32"				
YAV18-L33BOX		4-6	0.25	0.63	0.55	0.18	YAV18L33						
YAV18-T5BOX		6-8	0.31	0.76	0.61	0.24	YAV18T5						
YAV18-T1BOX							YAV18T1						
YAV18BOX		8-10	0.29	0.70	0.59	0.18	YAV18						
YAV14-L33BOX	20-14 Str.	4-6					0.25	0.67	0.59	0.18	YAV14L33	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, MRE1022B	9/32"
YAV14-T5BOX		6-8					0.31	0.79	0.64	0.24	YAV14T5		
YAV14-T1BOX		20-12 Sol.	8-10	0.29	0.70	0.59	0.18	YAV14L36					
YAV14-L36BOX	1/4		0.40	0.99	0.75	0.32	YAV14						
YAV14-T2BOX							YAV14T2						
YAV14-T3BOX	5/16	0.44	0.93	0.78	0.67	0.24	YAV14T3	Y10D, Y8MRB-1, M8ND w/N14HT	9/32"				
YAV12-G2BOX ■	† 14-12 Str.	8-10					0.30			0.78	0.67	0.24	YAV12G2
YAV12-G3BOX ■		1/4	0.34	1.00	0.76	0.33	0.33	YAV12G3	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, N10HT, N10HT-24, MRE1022B	7/16"			
YAV10-T7BOX	14 Str. 12-10	4-6	0.28	0.86	0.71	0.23	YAV10T7*						
YAV10-T11BOX		6-8	0.38				0.79	0.26			YAV10T11		
YAV10-L36BOX		8-10	0.29				0.86	0.71			0.23	YAV10L36	
YAV10BOX	0.36			0.97	0.79	0.25						YAV10*	
YAV10-T3BOX	Str. and Sol.	1/4	0.45	1.13	0.87	0.31	YAV10T3						
YAV10-T2BOX		5/16	0.53				1.20	0.88			0.36	YAV10T2*	
YAV10-T4BOX		3/8										YAV10T4*	
YAV9C-L36BOX		8-10										0.31	0.94
YAV9C-T9BOX	1/4	0.44	1.15	0.95	0.31	YAV9CT9							
YAV9C-T4BOX	5/16	0.52	1.23	1.02	0.36	YAV9CT4							

■ Use #14 groove

† UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB-1 tools only.

* Class 1 & 2 connectors

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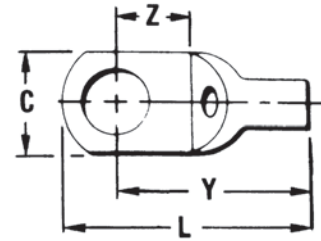
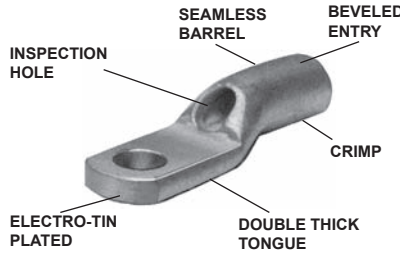
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YAV14-T5BOX		6-8	0.29	0.70	0.59	0.18	YAV14T5							
YAV14-T1BOX		8-10					0.31	0.79	0.64	0.24	YAV14T1			
YAV14-L36BOX	20-12 Sol.		1/4	0.40	0.99	0.75	0.32	YAV14L36	Y10D, Y8MRB-1, M8ND w/N14HT	9/32"				
YAV14BOX		8-10						0.29			0.79	0.64	0.24	YAV14
YAV14-T2BOX		5/16						0.44			0.99	0.75	0.32	YAV14T2
YAV14-T3BOX	† 14-12 Str.	8-10	0.30	0.78	0.67	0.24	YAV14T3	Y10D, Y8MRB-1, M8ND w/N14HT	9/32"					
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YAV10-L36BOX							0.36			0.97	0.79	0.25	YAV10L36	
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YAV10-T3BOX							0.31			1.13	0.87	0.31	YAV10T3	
YAV10-T2BOX							0.53			1.20	0.88	0.36	YAV10T2*	
YAV10-T4BOX							3/8			1.20	0.88	0.36	YAV10T4*	
YAV9C-L36BOX		10-9 Str.	8-10	0.31	0.94	0.83	0.15			YAV9CL36	Ratchet: MR8-9Q, Y8MRB-1	7/16"		
YAV9C-T9BOX			1/4	0.44	1.15	0.95	0.31			YAV9CT9				
YAV9C-T4BOX	5/16		0.52	1.23	1.02	0.36	YAV9CT4							

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