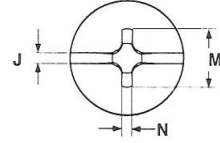
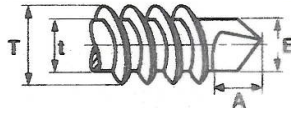
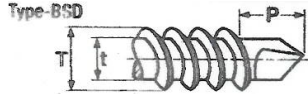
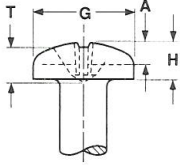




Atlanta, Georgia  
 Phone 800-521-7326 Fax 770-745-1333

Pan Head Self Drill Point



See Section Two of Our Catalog

Peco Catalog#

Screw Diameter	Theads Per Inch	T		t		P		Min Practical Nominal Screw Lengths - Formed Points				Min Torsional Strength Lb./In. Steel Screws Only	
		Major Diameter		Minor Diameter		Protrusion Allowance							
		Min	Max	Min	Max	#2 Point	#3 Point	90° Head #2 Pt.	CSK Head #3 Pt.	90° Head #2 Pt.	CSK Head #3 Pt.		
4	0.1120	24	.110	.114	.082	.086	.163	n/a	5/16	3/8	n/a	n/a	14
6	0.1380	20	.135	.139	.099	.104	.190	.220	5/16	3/8	3/8	7/16	24
7	0.1510	19	.146	.153	.109	.113	.137	.157	5/16	3/8	3/8	7/16	-
8	0.1640	18	.161	.166	.116	.122	.211	.251	3/8	7/16	4/16	1/2	42
10	0.1900	16	.183	.189	.135	.141	.235	.300	7/16	1/2	1/2	9/16	61
12	0.2160	14	.209	.215	.157	.164	.283	.353	1/2	5/8	1/2	5/8	92
1/4	.2500	14	.240	.246	.185	.192	.318	.393	1/2	5/8	1/2	5/8	150

5/16" and 3/8" diameter are #3 Point										Self-Drilling Screw Selection Chart*				
Screw Diameter	Theads Per Inch	T		t		A		B		Screw Size	Point #	Panel Thickness, In. Min-Max		
		Major Diameter		Minor Diameter		Drill Point Length		Penetrating Gauging Depth						
		Min	Max	Min	Max	Min	Max	Min	Max					
5/16	.3125	12	0.307	0.315	0.263	0.272	0.361	0.421	0.265	0.270	12	3	0.110	0.175
3/8	.3750	12	0.370	0.380	0.298	0.308	0.314	0.354	0.330	0.338	1/4	3	0.110	0.220

\*This is strictly a guide, no warranty is implied or applicable.

Screw Diameter	Minimum Torsional Strength, Lb. Steel Screws Only	Phillips Bit Size	Recess Penetration Gaging Depth		G		H		J		A		M			G	N
					Head Diameter		Head Height		Slot Width		Slot Depth		Dimension of Recess				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
4	0.1120	13	1	.053	.071	.205	.219	.070	.080	.031	.039	.030	.040	.109	.122	.019	.078
5	0.1250	18	2	n/a	n/a	.231	.245	.079	.089	.035	.043	.034	.045	.145	.158	.028	.083
6	0.1380	24	2	.055	.080	.256	.270	.087	.097	.039	.048	.037	.050	.153	.166	.028	.091
7	0.1510	30	2	.064	.089	.281	.296	.096	.106	.039	.048	.041	.054	.163	.176	.029	.100
8	0.1640	39	2	.071	.097	.306	.322	.105	.115	.045	.054	.045	.058	.169	.182	.030	.108
10	0.1900	48	2	.089	.113	.357	.373	.122	.133	.050	.060	.053	.068	.186	.199	.031	.124
12	0.2160	83	3	.098	.124	.407	.425	.139	.151	.056	.067	.061	.077	.246	.259	.034	.141
14	0.2420	125	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1/4	.2500	142	3	.118	.144	.473	.492	.162	.175	.064	.075	.070	.087	.268	.281	.036	.161
5/16	.3125	290	4	n/a	n/a	.594	.615	.203	.218	.072	.084	.085	.106	.337	.350	.059	.193
3/8	.3750	590	4	n/a	n/a	.716	.740	.244	.261	.081	.094	.100	.124	.376	.389	.065	.233

Material  
 Heat Treatment  
 Core Hardness  
 Case Depth

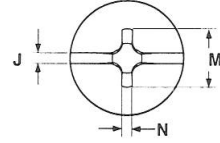
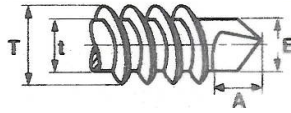
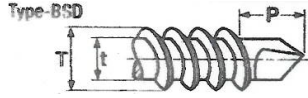
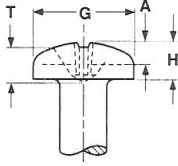
AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 or 410 Stainless Steel
Steel - Quenched in liquid and tempered by reheating to 625°F minimum. Stainless Steel 410 tempered by heating to 1800°F-1900°F Held for min of 30 minutes. Reheated to 500°F-600°F for 60 minutes. Then air cooled.
Steel - Rockwell C32 - C40 Stainless Steel 410 - Rockwell C38 - C42 Stainless Steel 18-8 - Rockwell B90 - C25
No. 4 and No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.



Atlanta, Georgia  
 Phone 800-521-7326 Fax 770-745-1333

Pan Head Self Drill Point



See Section Two of Our Catalog

Peco Catalog#

Screw Diameter	Theads Per Inch	T		t		P		Min Practical Nominal Screw Lengths - Formed Points				Min Torsional Strength Lb./In. Steel Screws Only	
		Major Diameter		Minor Diameter		Protrusion Allowance							
		Min	Max	Min	Max	#2 Point	#3 Point	90° Head #2 Pt.	CSK Head #3 Pt.	90° Head #2 Pt.	CSK Head #3 Pt.		
4	0.1120	24	.110	.114	.082	.086	.163	n/a	5/16	3/8	n/a	n/a	14
6	0.1380	20	.135	.139	.099	.104	.190	.220	5/16	3/8	3/8	7/16	24
7	0.1510	19	.146	.153	.109	.113	.137	.157	5/16	3/8	3/8	7/16	-
8	0.1640	18	.161	.166	.116	.122	.211	.251	3/8	7/16	4/16	1/2	42
10	0.1900	16	.183	.189	.135	.141	.235	.300	7/16	1/2	1/2	9/16	61
12	0.2160	14	.209	.215	.157	.164	.283	.353	1/2	5/8	1/2	5/8	92
1/4	.2500	14	.240	.246	.185	.192	.318	.393	1/2	5/8	1/2	5/8	150

5/16" and 3/8" diameter are #3 Point										Self-Drilling Screw Selection Chart*				
Screw Diameter	Theads Per Inch	T		t		A		B		Screw Size	Point #	Panel Thickness, In. Min-Max		
		Major Diameter		Minor Diameter		Drill Point Length		Penetrating Gauging Depth						
		Min	Max	Min	Max	Min	Max	Min	Max					
5/16	.3125	12	0.307	0.315	0.263	0.272	0.361	0.421	0.265	0.270	12	3	0.110	0.175
3/8	.3750	12	0.370	0.380	0.298	0.308	0.314	0.354	0.330	0.338	1/4	3	0.110	0.220

\*This is strictly a guide, no warranty is implied or applicable.

Screw Diameter	Minimum Torsional Strength, Lb. Steel Screws Only	Phillips Bit Size	Recess Penetration Gaging Depth		G		H		J		A		M			G	N
					Head Diameter		Head Height		Slot Width		Slot Depth		Dimension of Recess		Depth	Width	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			Min
4	0.1120	13	1	.053	.071	.205	.219	.070	.080	.031	.039	.030	.040	.109	.122	.019	.078
5	0.1250	18	2	n/a	n/a	.231	.245	.079	.089	.035	.043	.034	.045	.145	.158	.028	.083
6	0.1380	24	2	.055	.080	.256	.270	.087	.097	.039	.048	.037	.050	.153	.166	.028	.091
7	0.1510	30	2	.064	.089	.281	.296	.096	.106	.039	.048	.041	.054	.163	.176	.029	.100
8	0.1640	39	2	.071	.097	.306	.322	.105	.115	.045	.054	.045	.058	.169	.182	.030	.108
10	0.1900	48	2	.089	.113	.357	.373	.122	.133	.050	.060	.053	.068	.186	.199	.031	.124
12	0.2160	83	3	.098	.124	.407	.425	.139	.151	.056	.067	.061	.077	.246	.259	.034	.141
14	0.2420	125	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1/4	.2500	142	3	.118	.144	.473	.492	.162	.175	.064	.075	.070	.087	.268	.281	.036	.161
5/16	.3125	290	4	n/a	n/a	.594	.615	.203	.218	.072	.084	.085	.106	.337	.350	.059	.193
3/8	.3750	590	4	n/a	n/a	.716	.740	.244	.261	.081	.094	.100	.124	.376	.389	.065	.233

Material  
 Heat Treatment  
 Core Hardness  
 Case Depth

AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 or 410 Stainless Steel
Steel - Quenched in liquid and tempered by reheating to 625°F minimum. Stainless Steel 410 tempered by heating to 1800°F-1900°F Held for min of 30 minutes. Reheated to 500°F-600°F for 60 minutes. Then air cooled.
Steel - Rockwell C32 - C40 Stainless Steel 410 - Rockwell C38 - C42 Stainless Steel 18-8 - Rockwell B90 - C25
No. 4 and No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.