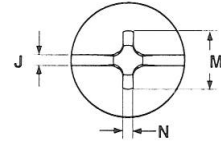
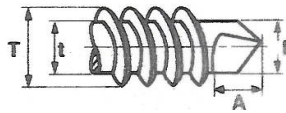
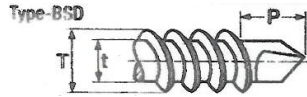
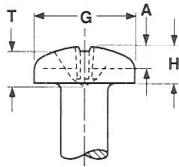




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Pan Head Self Drill Point



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Screw Diameter		Theads Per Inch	T		t		P						Min Torsional Streth Lb./In. Steel Screws Only
			Major Diameter		Minor Diameter		Protrusion Allowance		Min Practical Nominal Screw Lengths - Formed Points				
			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 Piont Length		Penetrating Gauging Depth				4	2	0.035	0.060		
											6	2					0.035	0.090
													10	2	0.035	0.110		
										10	3	0.110					0.175	
5/16	.3125	12	0.307	0.315	0.263	0.272	0.361	0.421	0.265	0.270	12	3	0.110	0.210				
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			
					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
4	0.1120	13	.053	.071	.205	.219	.070	.080	.031	.039	.030	.040	.109	.122	.019	.078
5	0.1250	18	n/a	n/a	.231	.245	.079	.089	.035	.043	.034	.045	.145	.158	.028	.083
6	0.1380	24	.055	.080	.256	.270	.087	.097	.039	.048	.037	.050	.153	.166	.028	.091
7	0.1510	30	.064	.089	.281	.296	.096	.106	.039	.048	.041	.054	.163	.176	.029	.100
8	0.1640	39	.071	.097	.306	.322	.105	.115	.045	.054	.045	.058	.169	.182	.030	.108
10	0.1900	48	.089	.113	.357	.373	.122	.133	.050	.060	.053	.068	.186	.199	.031	.124
12	0.2160	83	.098	.124	.407	.425	.139	.151	.056	.067	.061	.077	.246	.259	.034	.141
14	0.2420	125	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	.118	.144	.473	.492	.162	.175	.064	.075	.070	.087	.268	.281	.036	.161
5/16	.3125	290	n/a	n/a	.594	.615	.203	.218	.072	.084	.085	.106	.337	.350	.059	.193
3/8	.3750	590	n/a	n/a	.716	.740	.244	.261	.081	.094	.100	.124	.376	.389	.065	.233

Material
Heat Treatment
Core Hardness
Case Depth

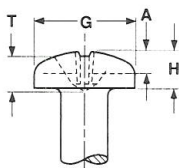
AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 or 410 Stainless Steel	
Steel - Quenched in liquid and tempered by reheating to 625°F minimum. Stainless Steel 410 tempered by heating to 1800°F-1900°F Held for min of 30 minutes. Reheated to 500°F-600°F for 60 minutes. Then air cooled.	
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	

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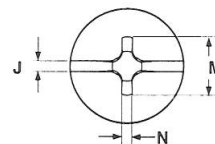
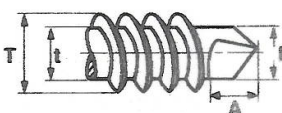


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Pan Head Self Drill Point



Type-BSD



Peco
Catalog#

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Screw Diameter		Theads Per Inch	T		t		P						Min Torsional Streth Lb./In. Steel Screws Only
			Major Diameter		Minor Diameter		Protusion Allowance		Min Practical Nominal Screw Lengths - Formed Points				
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Min	Max	Min	Max	Min	Max	Min	Max	10	3	0.110	0.175					
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Heat Treatment
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