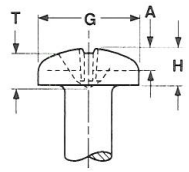
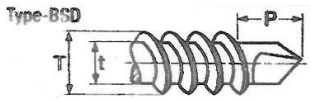
Peco Fasteners & Electrical Products

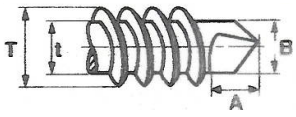
Atlanta, Georgia

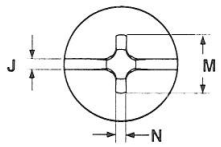
Phone 800-521-7326 Fax 770-745-1333

Pan Head Self Drill Point









Peco Catalog#	Screw Diameter		Theads Per Inch	T		t		P		Min Practical Nominal Screw Lengths - Formed Points				Min Torsional Strenth 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	-
See Section Two of Our Catalog	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
											8	2	0.035	0.100
											10	2	0.035	0.110
			Min	Max	Min	Max	Min	Max	Min	Max	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		G	N
						Head Diameter		Head Height		Slot Width		Slot Depth		Dimension of Recess			
														Diameter		Depth	Width
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
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	AISI 1016 - 1024 or equivalent Steel or Stainless Austenitic 18-8 or 410 Stainless Steel
Heat Treatment	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.
Core Hardness	Steel - Rockwell C32 - C40 Stainless Steel 410 - Rockwell C38 - C42 Stainless Steel 18-8 - Rockwell B90 - C25
Case Depth	No. 4 and No. 6 diameter .002 - .007 No. 8 - No. 12 .004 - .009 1/4" and larger .005 - .011

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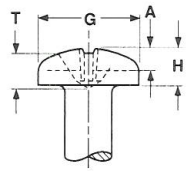

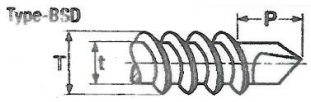

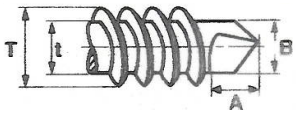

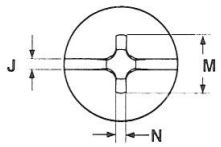

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1/4	.2500	142	3	.118	.144	.473	.492	.162	.175	.064	.075	.070	.087	.268	.281	.036	.161
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