

## Atlanta, Georgia

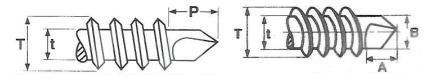
Phone 800-521-7326

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## Hex Washer Head Self Drill Point Screw Zinc Plated & Stainless Steel

Diagram 1

Diagram 2



### **Drill Point Specification (Diagram 1)**

								mic spec		(Diagram ±)				
	Screw Diameter			T Major Diameter		t Minor Diameter		P Protrusion Allowance						
Peco			Theads Per Inch							Min Prac	Min Torsional Strenth Lb./In. Steel			
Catalog#				Min	Max	Min	Max	#2 Point	#3 Point	90° Head #2 Pt.	CSK Head #3 Pt.	90° Head #2 Pt.	CSK Head #3 Pt.	
See Section One of Our Catalog	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	Self-Drilling Screw Selection Chart*											
Screw Diameter			т		t		А			В	Screw Size	Point #	Panel Thickness, II Min-Max	
			Major Diameter		Minor Diameter		Drill Piont Length		Penetrating Gauging Depth		4	2	0.035	0.060
		Theads Per Inch									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

<sup>\*</sup>This is strictly a guide, no warranty is implied or applicable.

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 .002007 No. 8 - No. 12 .004009 1/4" and larger .005011

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.

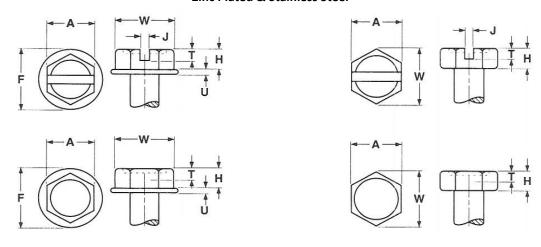


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#### **Head Dimensions and Specifications**

						110	au Dii	ile il sions	and Spe	ecincations						
Screw Diameter		Minimum		A Width Across Flats		w	H Head Height		F Diameter of Washer		U Thickness of Washer		J Width of Slot		T Depth of Slot	
		Torsional Strength. Lb. Steel Screws	Hex Chuck Size			Width Across Corners										
		Only		Min	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6	0.1380	24	1/4	.244	.250	.272	.080	.093	.302	.328	.015	.025	.039	.048	.033	.046
7	0.1510	30	1/4	.244	.250	.272	.080	.093	.302	.328	.017	.029	.039	.048	.040	.054
8	0.1640	39	1/4	.244	.250	.272	.096	.110	.322	.348	.019	.031	.045	.054	.052	.066
10	0.1900	48	5/16	.305	.312	.340	.105	.120	.384	.414	.019	.031	.050	.060	.057	.072
12	0.2160	83	5/16	.305	.312	.340	.139	.155	.398	.432	.022	.039	.056	.067	.077	.093
14	0.2420	125	3/8	.367	.375	.409	.172	.190	.480	.520	.030	.050	.064	.075	.083	.101
1/4	.2500	142	3/8	.367	.375	.409	.172	.190	.480	.520	.030	.050	.064	.075	.083	.101

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