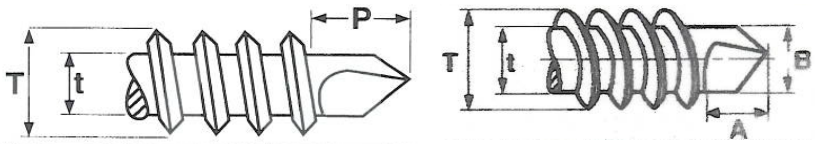
Atlanta, Georgia
Phone 800-521-7326 Fax 770-745-1333

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

Diagram 1 **Diagram 2**



Drill Point Specification (Diagram 1)

Peco Catalog#	Screw Diameter		Theads Per Inch	T		t		P						Min Torsional Strenth 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.	
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" and 3/8" diameter are #3 Point (Diagram 2)										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

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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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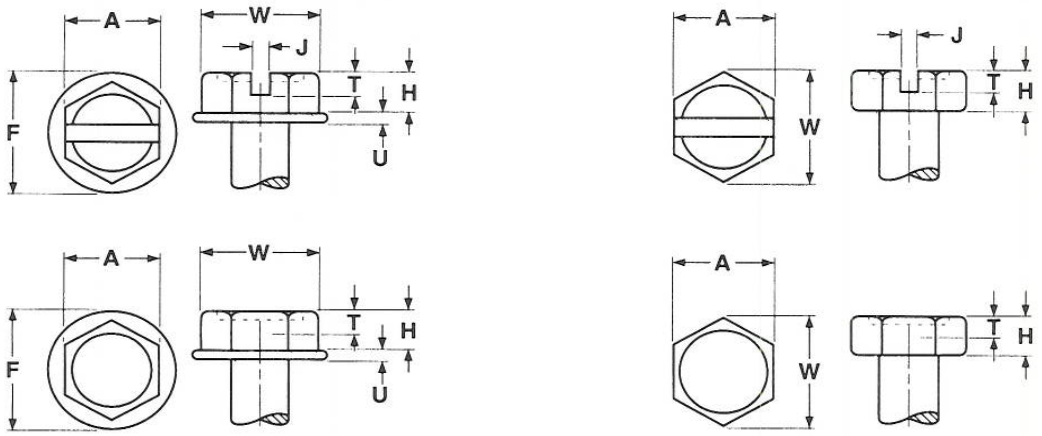

Head Dimensions and Specifications

Screw Diameter		Minimum Torsional Strength. Lb. Steel Screws Only	Hex Chuck Size	A		W	H		F		U		J		T	
				Width Across Flats		Width Across Corners	Head Height		Diameter of Washer		Thickness of Washer		Width of Slot		Depth of Slot	
				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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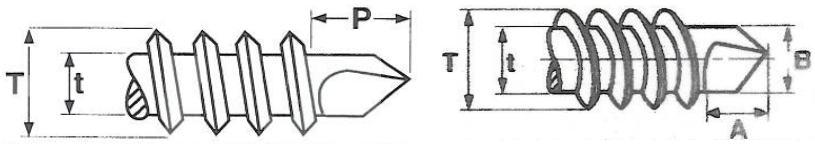

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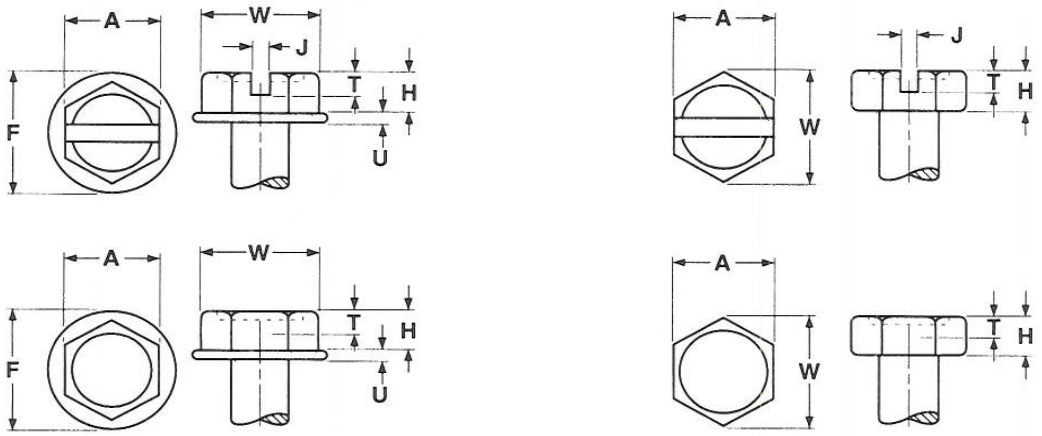

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