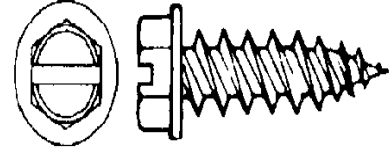


HEX WASHER HEAD SLOTTED SELF-PIERCING SCREWS



Size	A		W	H		F		U		J		T		D		d	
	Width Across Flats		Width Across Corner	Head Height		Washer Diameter		Washer Thickness		Slot Width		Slot Depth		Major Diameter		Minor Diameter	
	Max	Min	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
6-18	.250	.244	.272	.093	.080	.328	.302	.025	.015	.048	.039	.053	.033	.141	.136	.102	.096
7-16	.250	.244	.272	.093	.080	.328	.302	.029	.017	.048	.039	.062	.040	.158	.152	.114	.108
8-15	.250	.244	.272	.110	.096	.348	.322	.031	.019	.054	.045	.074	.052	.168	.162	.123	.116
10-12	.250	.244	.272	.110	.096	.414	.384	.031	.019	.054	.045	.074	.052	.194	.188	.133	.126
14-10	.375	.366	.408	.190	.171	.520	.479	.050	.029	.075	.064	.111	.082	.254	.247	.200	.178
Tolerance on Length									±0.05								

Description	A slotted hex washer head thread forming tapping screw with a single lead thread rolled to the tip of an extra sharp point, and a second thread spaced 180° apart.
Applications/ Advantages	May be used in thin metal (less than .050 thick). Eliminates need for pre-drilled or pre-punched holes. Undercut area beneath the head allows greater length of thread engagement. Twin lead threads help to reduce driving torque.
Material	AISI 1018 - 1022 or equivalent steel
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum.
Surface Hardness	Rockwell C45 minimum
Case Depth	No. 6 diameter: .002 - .007 No. 7 thru 10 diameter: .004 - .009 1/4" diameter: .005 - .011
Core Hardness (after tempering)	- Rockwell C28 38
Plating	See Appendix-A for plating information.