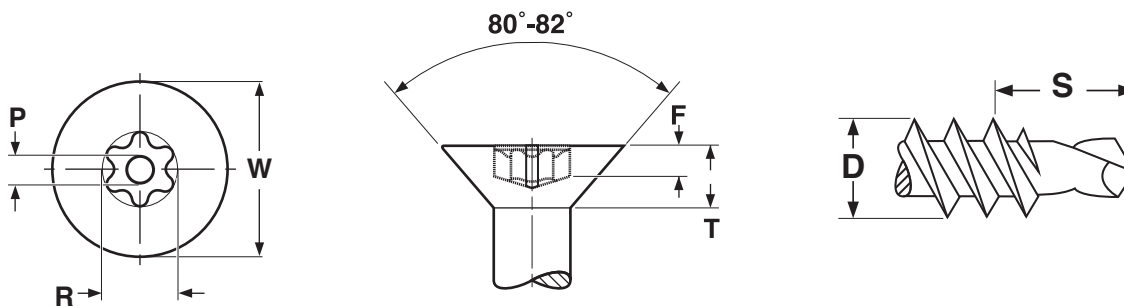


SELF- TAPPING SCREWS

SECURITY SELF-DRILLING

Flat Head
Pin-In Six Lobe Recess

SIX-LOBE PIN-IN FLAT HEAD SELF-DRILLING SECURITY SCREWS

Nominal Size & Threads per Inch	W		T	R	P	F	D		S	Point Style	Driver Size
	Head Dimensions			Recess Dimensions			Major Thread Diameter		Point Length		
	Head Diameter		Head Height	Recess Width	Pin Diameter	Gauge Penetration					
	Max	Min	Ref	Ref	Ref	Min	Max	Min	Ref		
8-18	.312	.285	.100	.132	.040	.040	.166	.161	.211	#2	T15
10-16	.362	.333	.116	.155	.055	.050	.189	.183	.235	#2	T20
12-14	.412	.380	.132	.178	.070	.055	.215	.209	.353	#3	T25
1/4-14	.492	.473	.170	.221	.070	.080	.246	.240	.393	#3	T30
10-24	.362	.333	.116	.155	.055	.050	.1900	.1818	.193	#2	T20
Tolerance on Length	Up to 3/4" length, incl.					1" to 1.5", incl.			Over 1.5"		
	+0, -.03					+0, -.05			+0, -.06		

Description	A screw with a countersunk head, spaced thread and a self-drilling point The six-lobed recess has a cylindrical pin attached to the center of the base of the recess that extends to the top profile of the head	
Applications/ Advantages	The 18-8 stainless drill screw offers superior corrosion resistance while the 410 stainless screw will drill through harder material than the 18-8. The hardness of the material to be drilled should be a minimum of 10-20 Rockwell hardness points less than the screw's hardness. Minimum torques are the same for stainless and steel self-drill screws. Drill time is 2.5 seconds for a 1mm thick plate. The pin-in recess provides a deterrent against loosening the screw, since a standard six-lobe screwdriver cannot engage with the recess. A specially designed driver--not commonly available in the retail market--is required to install or loosen the screw.	
Material	18-8 Stainless, passivated	410 Hardened Stainless