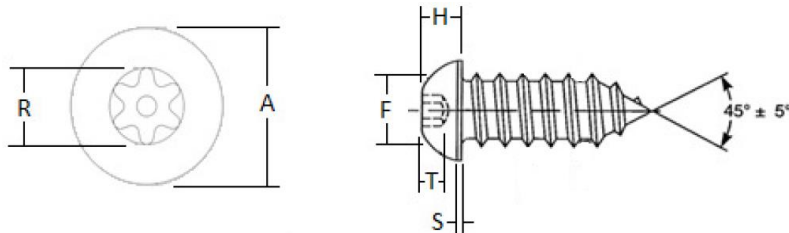


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BUTTON HEAD STAR PIN TAMPER-RESIST SHEET METAL SCREW – 18-8 STAINLESS STEEL

The following Specification Sheet applies to all **Button Head Star Pin Tamper-Resist Machine Screw – 18-8 Stainless Steel** in our **TP6** series.



Size	A		H		S	F		R	(Fallaway) Penetration	Key Engagement	Pin Diameter	Driver Size
	Head Diameter		Head Height		Head Side Height	Fillet Transition Diameter		Ref.				
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.		Max.	Ref.	Ref.	
#6	.262	.250	.073	.063	.015	.158	.148	.111	.020	.040	.028	T10
#8	.312	.298	.087	.077	.015	.194	.184	.132	.020	.050	.038	T15
#10	.361	.347	.101	.091	.020	.220	.210	.178	.025	.060	.068	T25
#12	.412	.397	.114	.104	.025	.256	.246	.178	.025	.065	.068	T25
#14	.437	.419	.132	.122	.031	.290	.280	.200	.030	.070	.078	T27

*The maximum post height must be flush with the top of the head. The minimum post height must be controlled so the top of the post will not be below flush surface of the head by more than the fall away gage penetration.

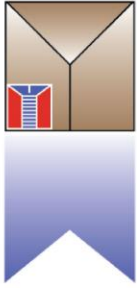
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229 Cross Street
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Phone: 860 589-4186 Toll Free: 800 243-8272

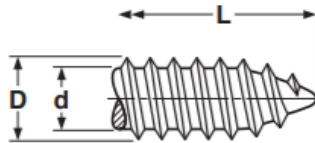
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THREAD DIMENSIONS



THREADS FOR SELF-TAPPING SCREWS TYPE AB							ASME B18.6.3-2013		
Nominal Size or Basic Screw Diameter		Threads Per Inch	D		d		L		Minimum Torsional Strength, lb.- in. (STEEL SCREWS ONLY)
			Major Diameter		Minor Diameter		Minimum Practical Screw Length		
			Max	Min	Max	Min	90° Heads	Csk Heads	
6	.1380	20	.139	.132	.104	.099	9/32	11/32	24
7	.1510	19	.154	.147	.115	.109	5/16	3/8	30
8	.1640	18	.166	.159	.122	.116	5/16	3/8	39
10	.1900	16	.189	.182	.141	.135	3/8	7/16	56
12	.2160	14	.215	.208	.164	.157	7/16	21/32	88
1/4	.2500	14	.246	.237	.192	.185	1/2	19/32	142
Tolerance on Length				Up to 1" Incl.: ±0.03			Over 1": ±0.05		

Description	A thread forming tapping screw with spaced threads and a gimlet point.
Applications/ Advantages	For self starting in thin stainless sheet when corrosion resistance is required.
Material	18-8 Stainless: Austenitic 18-8 stainless steel
Hardness	18-8 Stainless: Rockwell B90 - C20 (approx.)
Plating	See Appendix-A for plating information.

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