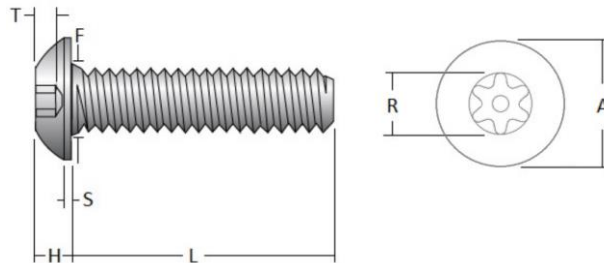


# Metallics

An **AMERICAN** Source For Premier  
and Innovative Fasteners and Anchors

## BUTTON HEAD STAR PIN TAMPER-RESIST MACHINE 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 **TP1 and TP2** series.



Size	A		H		S	F		L	T
	Head Diameter		Head Height			Fillet Transition Diameter			
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Nom.	Min.
4	.213	.201	.059	.051	.015	.132	.122	.50	.030
6	.262	.250	.073	.063	.015	.158	.148	.63	.035
8	.312	.298	.087	.077	.015	.194	.184	.75	.040
10	.361	.347	.101	.091	.020	.220	.210	1.00	.050
1/4	.437	.419	.132	.122	.031	.290	.280	1.00	.060
3/8	.656	.636	.199	.185	.031	.415	.405	1.25	.110

Size	R		Driver Size	Pin Diameter
	Recess Diameter	(Fallaway) Penetration		
	Ref.	Max.		Ref.
4	.094	.019	T8	.023
6	.111	.020	T10	.028
8	.132	.020	T15	.038
10	.178	.025	T25	.068
1/4	.200	.030	T27	.078
3/8	.266	.055	T45	.092

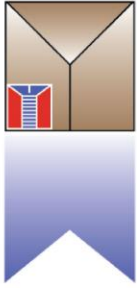
### Metallics

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## THREAD DIMENSIONS

<b>EXTERNAL THREADS</b>								<b>ASME B1.1</b>
<b>Nominal Size</b>	<b>Series Designation</b>	<b>Allowance</b>	<b>Major Diameter</b>		<b>Pitch Diameter</b>			
			<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Tolerance</b>	
4-40	UNC	0.0008	0.1112	0.1061	0.0950	0.0925	0.0025	
6-32	UNC	0.0008	0.1372	0.1312	0.1169	0.1141	0.0028	
8-32	UNC	0.0009	0.1631	0.1571	0.1428	0.1399	0.0029	
10-24	UNC	0.0010	0.1890	0.1818	0.1619	0.1586	0.0033	
10-32	UNF	0.0009	0.1891	0.1831	0.1688	0.1658	0.0030	
1/4-20	UNC	0.0011	0.2489	0.2408	0.2164	0.2127	0.0037	
1/4-28	UNF	0.0010	0.2490	0.2425	0.2258	0.2225	0.0033	
5/16-18	UNC	0.0012	0.3113	0.3026	0.2752	0.2712	0.0040	
5/16-24	UNF	0.0011	0.3114	0.3042	0.2843	0.2806	0.0037	
3/8-16	UNC	0.0013	0.3737	0.3643	0.3331	0.3287	0.0044	
3/8-24	UNF	0.0011	0.3739	0.3667	0.3468	0.3430	0.0038	
1/2-13	UNC	0.0015	0.4985	0.4876	0.4485	0.4435	0.0050	

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