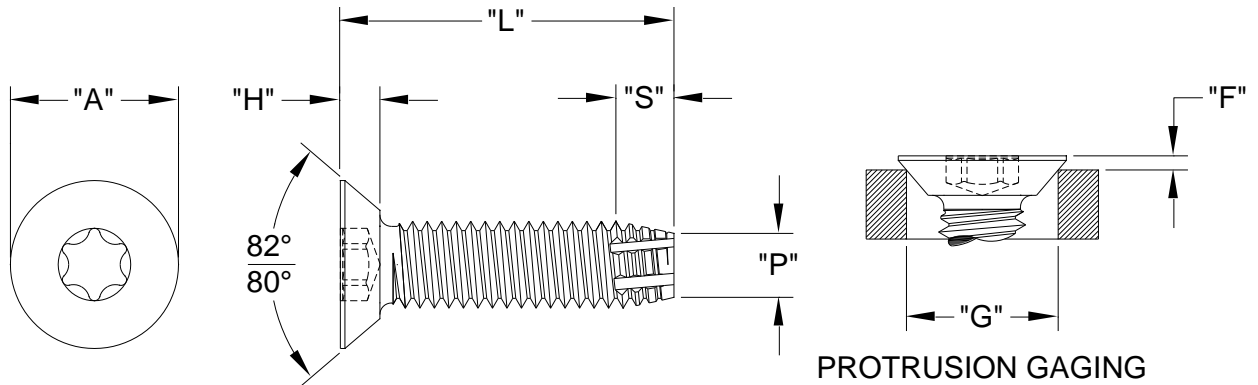


**6-LOBE (TYPE VI)  
82° U/C FLAT HEAD  
TYPE "F" TCS**

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APRIL, 2014
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Nominal Screw Length	Tolerance On Screw Length
Up To & Including 3/4"	-0.03
Over 3/4" to 1-1/2" Inclusive	-0.05
Over 1-1/2"	-0.06



Nominal Screw Size	Basic Screw Size	"D"		"p"		"S"				Determinant For Point Taper Length	"A"		"H"		Driver Size	Recess Penetration Gaging Depth		"G"		"F"	
		Major Diameter		Point Diameter		Point Taper Length					Head Diameter		Head Height			Gaging Diameter		Protrusion Height			
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.
#4 - 40	0.112	0.1120	0.1061	0.087	0.078	0.088	0.062	0.112	0.088	1/4	0.212	0.191	0.047	0.038	T8	0.033	0.028	0.172	0.032	0.019	
#6 - 32	0.138	0.1380	0.1312	0.107	0.096	0.109	0.078	0.141	0.109	5/16	0.262	0.238	0.059	0.048	T10	0.038	0.033	0.220	0.036	0.021	
#8 - 32	0.164	0.1640	0.1571	0.132	0.122	0.109	0.078	0.141	0.109	11/32	0.312	0.285	0.070	0.058	T15	0.050	0.040	0.267	0.039	0.023	
#10 - 24	0.190	0.1900	0.1818	0.148	0.135	0.146	0.104	0.188	0.146	7/16	0.362	0.333	0.081	0.068	T20	0.057	0.047	0.313	0.042	0.025	
#10 - 32		0.1900	0.1831	0.158	0.148	0.109	0.078	0.141	0.109	11/32											

Standard: ASME B18.6.3  
 Material: Carbon Steel,  
 Heat Treat: Case Hardened Rc45 Min.  
 Finish: Commercial Zinc, Bake & ROHS Compliant Clear Chromate  
 Per ASTM F1941 Code Fe/Zn 3A

Common Uses:  
 Use Where Protrusion Of The Head Above The Mating Surface Is Unacceptable In Thinner Materials To Avoid Assembly Issues; Used In Sheet Metal  $\geq 60\%$  Of Screw Size, Painted Extruded Sheet Metal; Paint Clearing For Tapped Holes