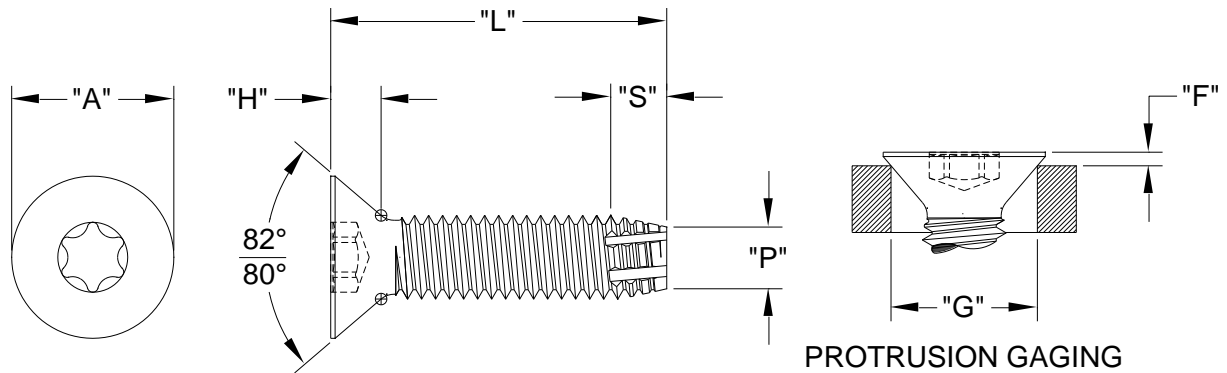


**6-LOBE (TYPE VI)
82° FLAT HEAD
TYPE "F" TCS**

XXXXZFFZ
APRIL, 2014
REV 00
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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"		Driver Size	Recess Penetration Gaging Depth		"G"		"F"	
		Major Diameter		Point Diameter		Point Taper Length					Head Diameter			Gaging Diameter		Protrusion Height			
		Max.	Min.	Max.	Min.	Short Screws		Long Screws			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	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	T10	0.045	0.035	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	T15	0.051	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	T20	0.065	0.050	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									
#12 - 24	0.216	0.2160	0.2078	0.174	0.161	0.146	0.104	0.188	0.146	7/16	0.412	0.380	T25	0.070	0.055	0.362	0.045	0.027	
1/4 - 20	0.250	0.2500	0.2408	0.200	0.184	0.175	0.125	0.225	0.175	17/32	0.477	0.442	T27	0.090	0.075	0.424	0.050	0.029	

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 in applications where protrusion of the head above the mating surface is unacceptable. Used in sheet metal $\geq 60\%$ of screw dia.; Painted extruded sheet metal; Paint clearing for tapped holes.