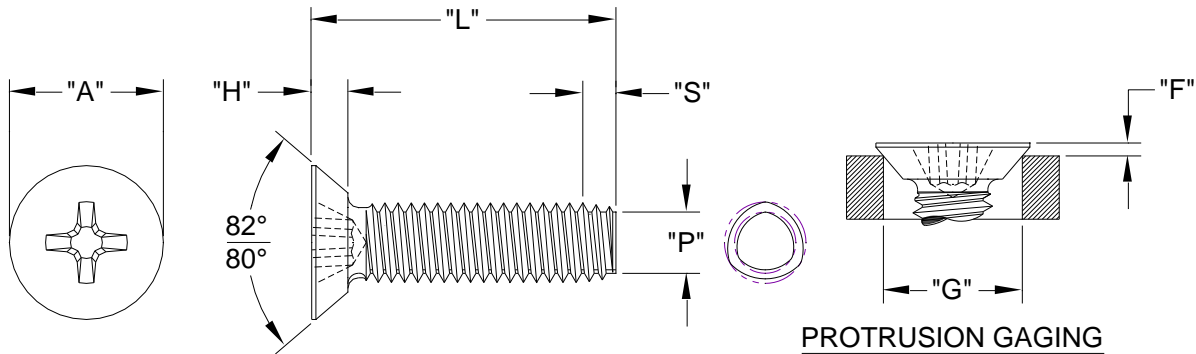


**TYPE 1 CROSS RECESS
82° U/C FLAT HEAD
TRI-LOBE T.R.S.**

XXXXPFUTZ
APRIL, 2014
REV 00
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Nominal Screw Length	Tolerance On Screw Length
Up To & Including 3/4"	+0 / -0.03
Over 3/4" to 1-1/2" Inclusive	+0 / -0.05
Over 1-1/2"	+0 / -0.06



Nominal Screw Size	Basic Screw Size	"Cd"		"Dd"		"p" Point Diameter	"s"		"A"		"H"		Driver Size	Recess Penetration Gaging Depth		"G"			"F"		
		Circumscribing Diameter		Major Diameter			Max.	Point Taper Length		Head Diameter		Head Height		Max.	Min.	Gaging Diameter	Protrusion Height				
		Max.	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.	Min.					Max.	Min.	Max.	Min.	
#4 - 40	0.112	0.1145	0.1105	0.1095	0.1055	0.090	0.088	0.050	0.212	0.191	0.047	0.038	1	0.071	0.055	0.172	0.032	0.019			
#6 - 32	0.138	0.1410	0.1350	0.1350	0.1290	0.111	0.109	0.062	0.262	0.238	0.059	0.048	2	0.067	0.044	0.220	0.036	0.021			
#8 - 32	0.164	0.1670	0.1610	0.1610	0.1550	0.137	0.109	0.062	0.312	0.285	0.070	0.058	2	0.095	0.072	0.267	0.039	0.023			
#10 - 24	0.190	0.1940	0.1880	0.1860	0.1800	0.153	0.146	0.083	0.362	0.333	0.081	0.068	2	0.110	0.087	0.313	0.042	0.025			
#10 - 32		0.1930	0.1870	0.1870	0.1810	0.163	0.109	0.062													
1/4 - 20	0.250	0.2550	0.2490	0.2450	0.2390	0.206	0.175	0.100	0.477	0.442	0.107	0.092	3	0.119	0.096	0.424	0.050	0.029			

Head Standard: ASME B18.6.3
 Performance Standard: SAE J-81
 Material: Carbon Steel,
 Heat Treat: Case Hardened Rc45 Min.
 Finish: Commercial Zinc, Bake & ROHS Compliant Clear Chromate
 Per ASTM F1941 Code Fe/Zn 3A Plus Wax

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 >60% of screw size, extruded sheet metal zinc and aluminum die casting.