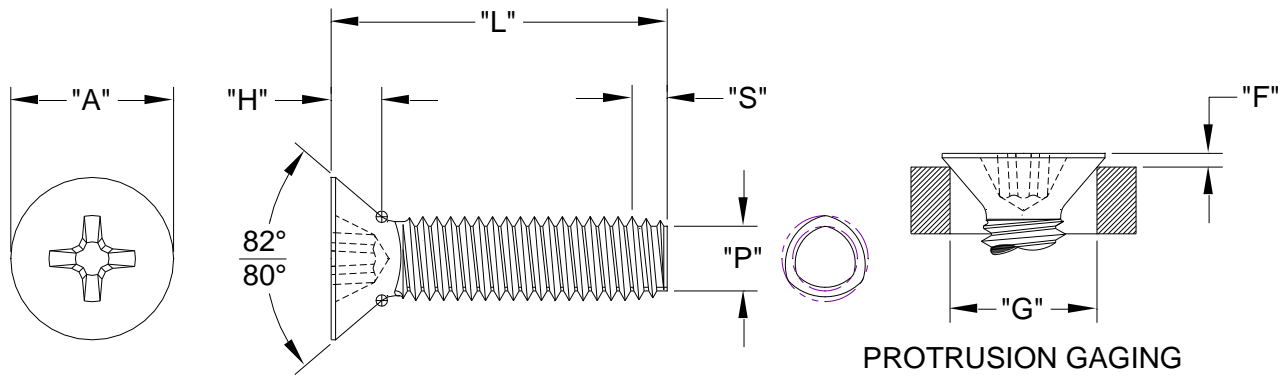


**TYPE 1 CROSS RECESS
82° FLAT HEAD
TRI-LOBE T.R.S.**

XXXXPFTZ
APRIL, 2014
REV 00
PAGE 1 of 1

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"		"Dp"		"S"		"A"		"H"	Driver Size	Recess Penetration Gaging Depth		"G"		"F"	
		Circumscribing Diameter		Major Diameter		Point Diameter		Point Taper Length		Head Diameter		Head Height		Max. Min.		Gaging Diameter		Protrusion Height	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Ref.		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	0.067	1	0.082	0.066	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	0.083	2	0.095	0.072	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	0.100	2	0.110	0.087	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	0.116	2	0.125	0.102	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	0.153	3	0.154	0.131	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 ; Used in sheet metal >60% of screw size, extruded sheet metal, zinc & aluminum die castings