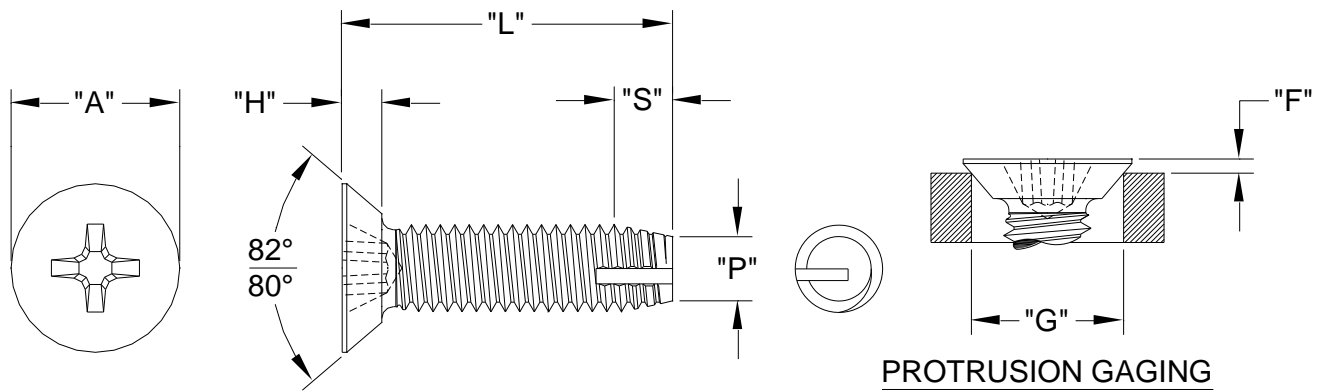


**TYPE 1 CROSS RECESS
82° U/C FLAT HEAD
TYPE "1" TCS**

XXXXPFU1Z
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"		"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	1	0.071	0.055	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	2	0.067	0.044	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	2	0.095	0.072	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	2	0.110	0.087	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 ≥60% Of Screw Size, Painted Extruded Sheet Metal; Paint Clearing For Tapped Holes