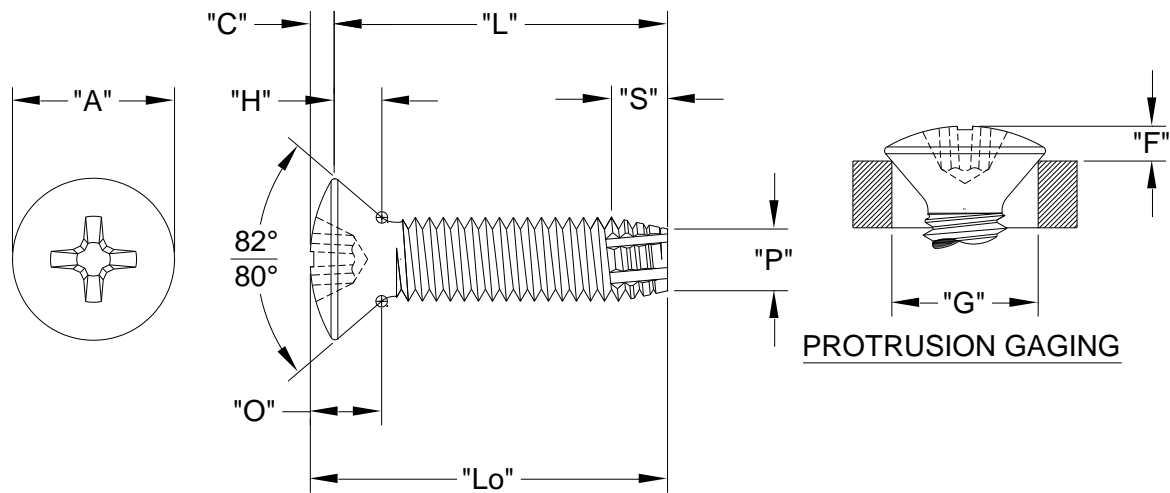


**TYPE 1 CROSS RECESS
82° OVAL HEAD
TYPE "F" TCS**

XXXXPOFZ
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

NOTE:
 Length Tolerance Is Applied To "Lo"
 "Lo" = "L" + "C"
 Whereas"
 "L" = Screw Length Ordered
 "C" = Crown Height



Nominal Screw Size	Basic Screw Size	"D"		"P"		"S"				Determinant For Point Taper Length	"A"		"O"		Driver Size	Recess Penetration Gaging Depth		"G"		"F"	
		Major Diameter		Point Diameter		Short Screws		Long Screws			Head Diameter		Total 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.	
#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	0.128	2	0.094	0.069	0.220	0.080	0.057		
#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	0.152	2	0.108	0.084	0.267	0.091	0.066		

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:
 More decorative finish than a Flat Head; Nests in countersunk applications; Good centering potential. Used in sheet metal $\geq 60\%$ of basic screw size; Painted extruded sheet metal; Paint clearing for tapped holes