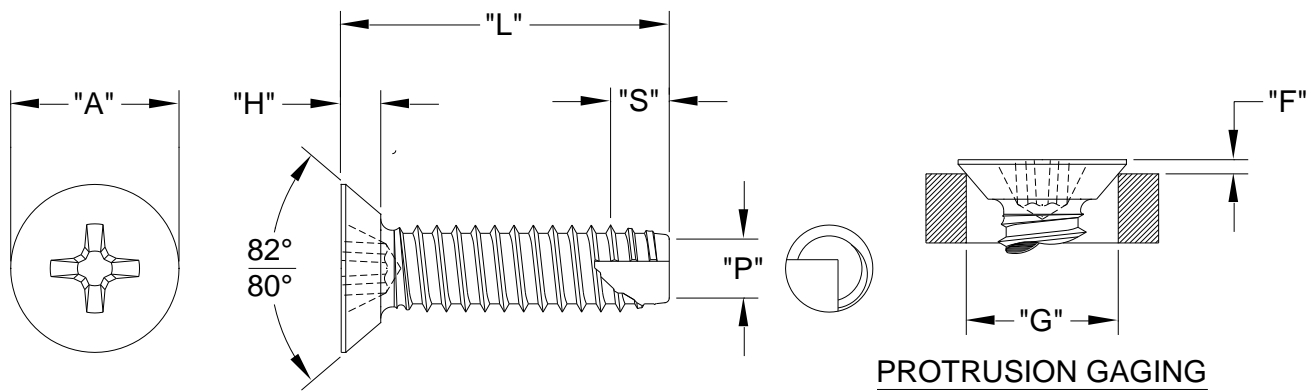


**TYPE 1 CROSS RECESS
82° U/C FLAT HEAD
TYPE "25" TCS**

XXXXPFU25Z
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	"D"		"d"		"p"	"s"		"A"		"H"		Driver Size	Recess Penetration Gaging Depth		"G"	"F"	
	Major Diameter	Minor Diameter	Minor Diameter	Point Diameter	Point Taper Length	Head Diameter	Head Height	Recess Penetration	Gaging Depth	Gaging Diameter	Protrusion Height						
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.			
#4-24	0.114	0.108	0.086	0.082	0.079	0.083	0.063	0.212	0.191	0.047	0.038	1	0.071	0.055	0.172	0.032	0.019
#6-20	0.139	0.132	0.104	0.099	0.095	0.100	0.075	0.262	0.238	0.059	0.048	2	0.067	0.044	0.220	0.036	0.021
#8-18	0.166	0.159	0.122	0.116	0.112	0.111	0.083	0.312	0.285	0.070	0.058	2	0.095	0.072	0.267	0.039	0.023
#10-16	0.189	0.182	0.141	0.135	0.130	0.125	0.094	0.362	0.333	0.081	0.068	2	0.110	0.087	0.313	0.042	0.025
#12-14	0.215	0.208	0.164	0.157	0.152	0.143	0.107	0.412	0.380	0.092	0.078	3	0.104	0.081	0.362	0.045	0.027
1/4-14	0.246	0.237	0.192	0.185	0.179	0.143	0.107	0.477	0.442	0.107	0.092	3	0.119	0.096	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 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, hard plastics, hard woods & aluminum extrusions