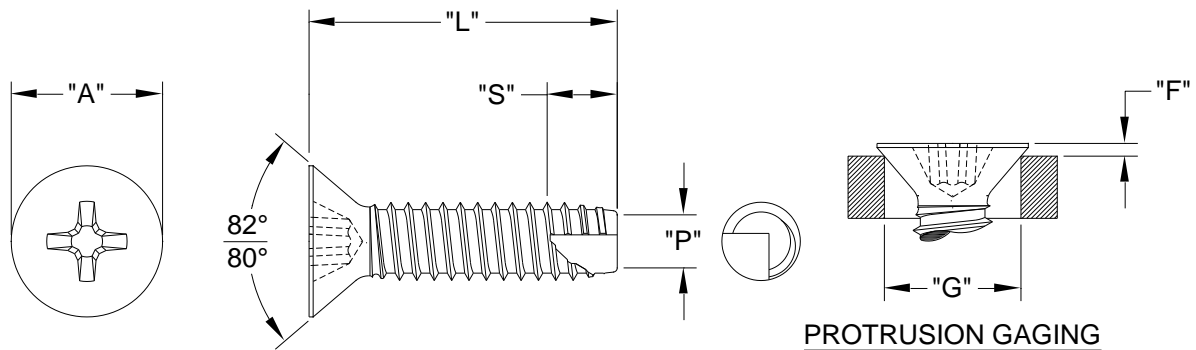


**TYPE 1 CROSS RECESS  
82° FLAT HEAD  
TYPE "25" TCS**

XXXXPF25Z
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"		Driver Size	Recess Penetration Gaging Depth		"G" Gaging Diameter	"F" Protrusion Height	
	Major Diameter		Minor Diameter		Point Diameter	Point Taper Length		Head Diameter			Max.	Min.		Max.	Min.
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Max.	Min.						
#4-24	0.114	0.108	0.086	0.082	0.079	0.083	0.063	0.212	0.191	1	0.082	0.066	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	2	0.095	0.072	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	2	0.110	0.087	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	2	0.125	0.102	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	3	0.139	0.116	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	3	0.154	0.131	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 in applications where protrusion of the head above the mating surface is unacceptable. Used in painted sheet metal ≤60% of screw dia.; Hard plastics, hard woods & aluminum extrusions.