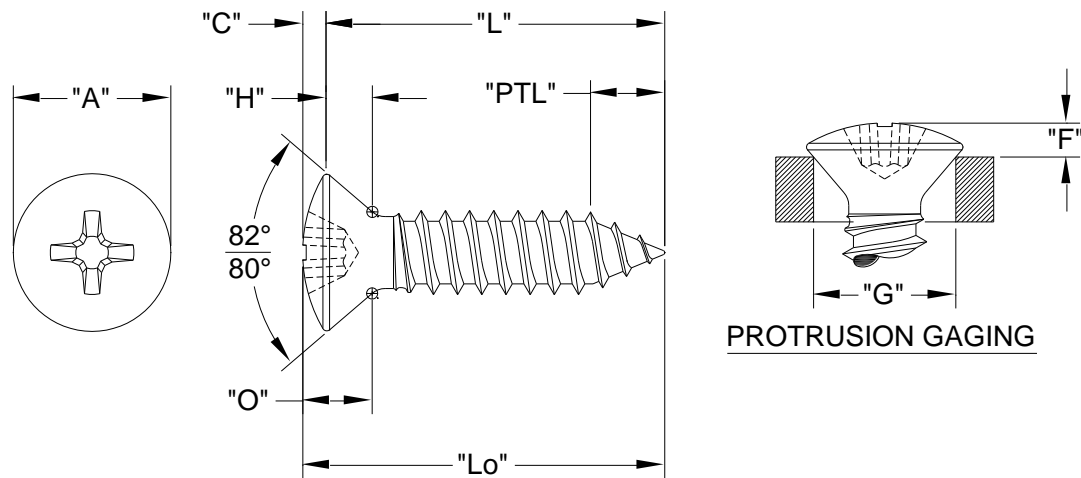


**TYPE 1 CROSS RECESS  
82° OVAL HEAD  
TYPE "A" S.M.S.**

XXXXPOAZ
APRIL, 2014
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PAGE 1 of 1

Nominal Screw Length	Tolerance On Screw Length
Up To & Including 1"	± .030
Over 1"	± .050

Tolerance On Length Is Applied To "Lo"  
"Lo" = Length Ordered "L" + Crown



Nominal Screw Size	"D"		"d"		"PTL"	"A"		"H"	"C"	"O"	Driver Size	Recess Penetration Gaging Depth		"G"	"F"	
	Major Diameter		Minor Diameter		Point Taper Length	Head Diameter		Side Height	Crown Hght.	Total Head Height		Gaging Depth		Gaging Diameter	Protrusion Height	
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Ref.	Ref.	Ref.		Max.	Min.		Max.	Min.
#4-24	0.114	0.110	0.083	0.078	0.156	0.212	0.191	0.067	0.037	0.104	1	0.087	0.070	0.172	0.069	0.048
#5-20	0.130	0.126	0.095	0.090	0.181	0.237	0.215	0.075	0.041	0.116	2	0.074	0.050	0.196	0.075	0.053
#6-18	0.141	0.136	0.102	0.096	0.196	0.262	0.238	0.083	0.045	0.128	2	0.094	0.069	0.220	0.080	0.057
#8-15	0.168	0.162	0.123	0.116	0.231	0.312	0.285	0.100	0.052	0.152	2	0.108	0.084	0.267	0.091	0.066
#10-12	0.194	0.188	0.133	0.126	0.266	0.362	0.333	0.116	0.060	0.176	2	0.126	0.102	0.313	0.102	0.075
#12-11	0.221	0.215	0.162	0.155	0.313	0.412	0.380	0.132	0.068	0.200	3	0.135	0.111	0.362	0.113	0.084
#14-10	0.254	0.248	0.185	0.178	0.354	0.462	0.427	0.148	0.076	0.224	3	0.156	0.131	0.410	0.125	0.093

Standard: ASME B18.6.3  
 Material: Carbon Steel,  
 Heat Treat: Case Hardened  
 Finish: Commercial Zinc, Bake & ROHS Compliant Clear Chromate  
 Per ASTM F1941 Code Fe/Zn 3A

Common Uses:  
 Used In Decorative Applications, Nests In Countersunk Holes; Used In Soft Plastics, Soft Woods, Thin Sheet Metal (<60% Of Major Dia.), Aluminum Extrusions