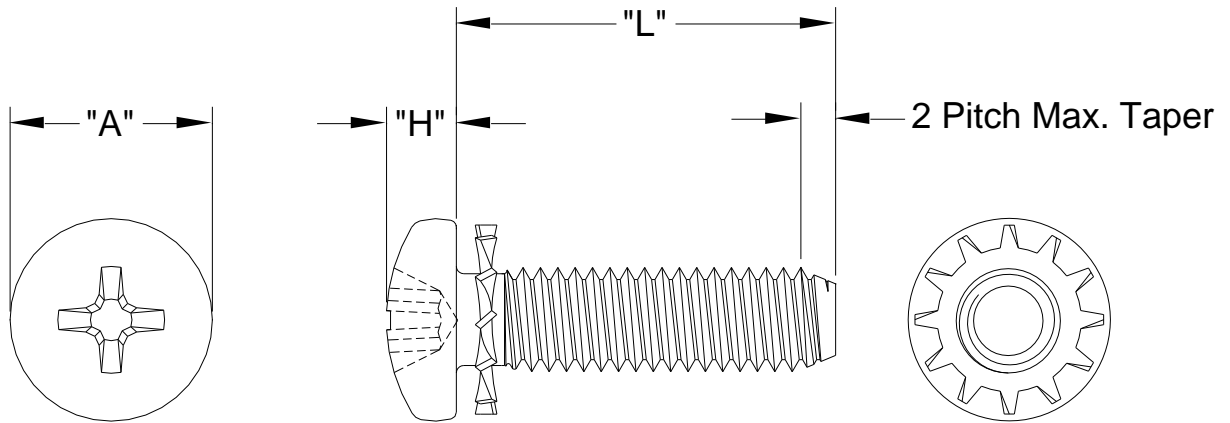


**TYPE 1 CROSS RECESS
PAN HEAD MACHINE SCREW
w/ EXTERNAL TOOTH
LOCKWASHER SEMS**

XXXXPPEZ
APRIL, 2014
REV 00
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Nominal Screw Size	#0 Thru #12	1/4 Thru 3/4
Nominal Screw Length	Tolerance On Length	
Up To & Including 1/2"	-0.02	-0.03
Over 1/2 To 1", Inclusive	-0.03	-0.03
Over 1" to 2", Inclusive	-0.06	-0.06
Over 2"	-0.09	-0.09



Nominal Screw Size	Basic Screw Size	Major Diameter		"A"		"H"		Driver Size	Recess Penetration Gaging Depth		Washer Diameter		Washer Thickness	
		Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.		
#2 - 56	0.086	0.0860	0.0813	0.167	0.155	0.062	0.053	1	0.052	0.034	0.180	0.170	0.016	0.010
#4 - 40	0.112	0.1120	0.1061	0.219	0.205	0.080	0.070	1	0.071	0.053	0.230	0.220	0.018	0.012
#6 - 32	0.138	0.1380	0.1312	0.270	0.256	0.097	0.087	2	0.080	0.055	0.285	0.270	0.022	0.016
#8 - 32	0.164	0.1640	0.1571	0.322	0.306	0.115	0.105	2	0.097	0.071	0.320	0.305	0.023	0.018
#10 - 24	0.190	0.1900	0.1818	0.373	0.357	0.133	0.122	2	0.113	0.089	0.381	0.365	0.024	0.018
#10 - 32		0.1900	0.1831											
#12 - 24	0.216	0.2160	0.2078	0.425	0.407	0.151	0.139	3	0.124	0.098	0.410	0.395	0.027	0.020
1/4 - 20	0.250	0.2500	0.2408	0.492	0.473	0.175	0.162	3	0.144	0.118	0.510	0.494	0.028	0.023

Standard: ASME B18.13
 Material: Screw: Carbon Steel, 60,000 psi Minimum Tensile Stress
 Washer: Rc40-50
 Finish: Commercial Zinc, Bake & ROHS Compliant Clear Chromate
 Per ASTM F1941 Code Fe/Zn 3A

Common Uses:
 Used in applications where loosening is a concern. These washers are designed to increase frictional resistance underneath the head & the mating surface. Used where marring of mating surfaces is not a concern.