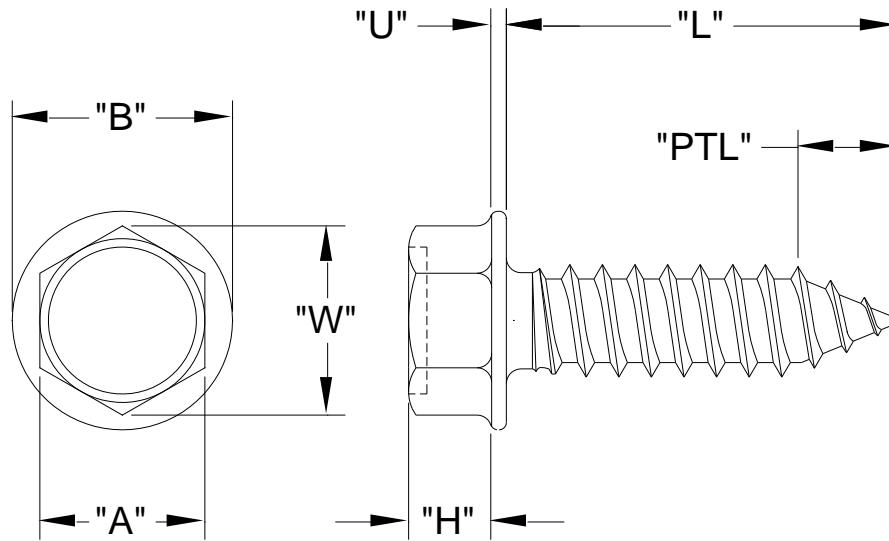


# UNSLOTTED INDENTED HEX WASHER HEAD TYPE "A" S.M.S.

XXXXUHWAZ
APRIL, 2014
REV 00
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Nominal Screw Length	Tolerance On Screw Length
Up To & Including 1"	± .030
Over 1"	± .050



Nominal Screw Size	"D"		"d"		"PTL"	"A"		"W"	"H"		"B"		"U"	
	Major Diameter		Minor Diameter		Point Taper Length	Width Across Flats		Width Across Corners	Head Height		Washer Diameter		Washer Thickness	
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
#8-15	0.168	0.162	0.123	0.116	0.231	0.250	0.244	0.272	0.110	0.096	0.348	0.322	0.031	0.019
#10-12	0.194	0.188	0.133	0.126	0.266	0.312	0.305	0.340	0.120	0.105	0.414	0.384	0.031	0.019
#12-11	0.221	0.215	0.162	0.155	0.313	0.312	0.305	0.340	0.155	0.139	0.432	0.398	0.039	0.022
#14-10	0.254	0.248	0.185	0.178	0.354	0.375	0.367	0.409	0.190	0.172	0.520	0.480	0.050	0.030
#20-9	0.333	0.327	0.234	0.226	0.433	0.500	0.489	0.545	0.230	0.208	0.676	0.624	0.055	0.035
#24-9	0.390	0.383	0.291	0.282	0.511	0.562	0.551	0.614	0.295	0.270	0.780	0.720	0.063	0.037

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:  
 Increased Bearing Surface w/o Adding A Washer.  
 Excellent For Softer Materials To Reduce Embedment;  
 Used In Soft Plastics, Soft Woods, Thin Sheet  
 Metal(<60% Of Major Dia.), Aluminum Extrusions