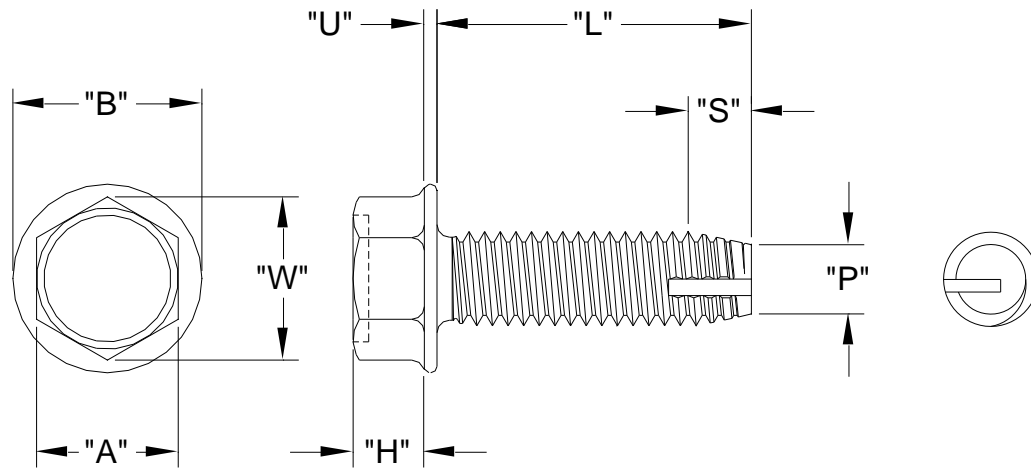


# UNSLOTTED INDENTED HEX WASHER HEAD TYPE "1" TCS

XXXXUHW1Z
APRIL, 2014
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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	Basic Screw Size	"D"		"P"		"S"				Determinent For Point Taper Length	"A"		"W"	"H"		"B"		"U"	
		Major Diameter		Point Diameter		Point Taper Length					Width Across Flats		Width Across Corners	Head Height		Washer Diameter		Washer Thickness	
		Max.	Min.	Max.	Min.	Short Screws		Long Screws			Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.
#8 - 32	0.164	0.1640	0.1571	0.132	0.122	0.109	0.078	0.141	0.109	1/4	0.250	0.244	0.272	0.110	0.096	0.348	0.322	0.031	0.019
#10 - 24	0.190	0.1900	0.1818	0.148	0.135	0.146	0.104	0.188	0.146	11/32	0.312	0.305	0.340	0.120	0.105	0.414	0.384	0.031	0.019
1/4 - 20	0.250	0.2500	0.2408	0.200	0.184	0.175	0.125	0.225	0.175	13/32	0.375	0.367	0.409	0.190	0.172	0.520	0.480	0.050	0.030
5/16 - 18	0.313	0.3125	0.3026	0.257	0.239	0.194	0.139	0.250	0.194	15/32	0.500	0.489	0.545	0.230	0.208	0.676	0.624	0.055	0.035

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:  
 Increased Bearing Surface w/o Adding A Washer.  
 Used in sheet metal  $\geq 60\%$  of screw dia.; Painted extruded  
 sheet metal; Paint clearing in tapped holes.