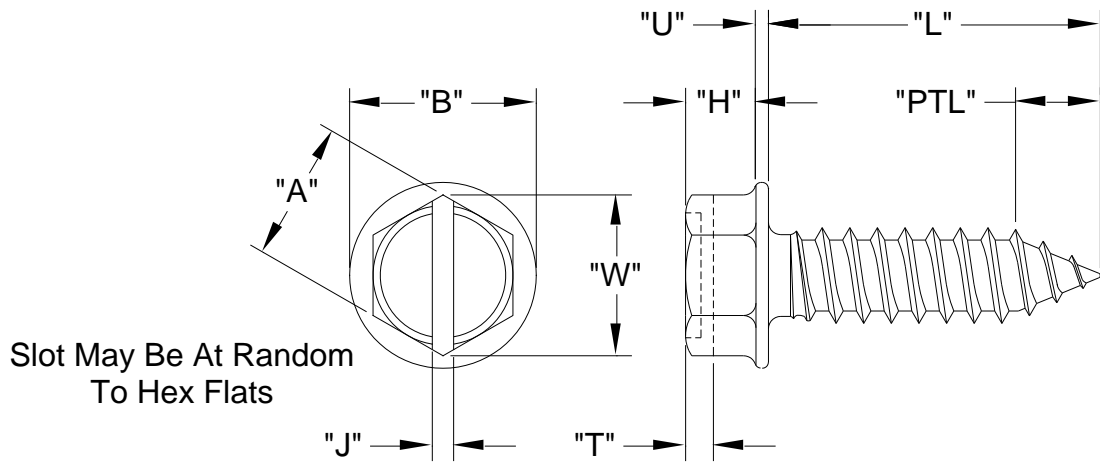


SLOTTED INDENTED HEX WASHER HEAD TYPE "A" SMS

XXXXSHWAZ
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"		"J"		"T"	
	Major Diameter		Minor Diameter		Point Taper Length	Width Across Flats		Width Across Corners	Head Height		Washer Diameter		Washer Thickness		Slot Width		Slot Depth	
	Max.	Min.	Max.	Min.	Ref.	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
#6-18	0.141	0.136	0.102	0.096	0.196	0.250	0.244	0.272	0.093	0.080	0.328	0.302	0.025	0.015	0.048	0.039	0.053	0.033
#7-16	0.158	0.152	0.114	0.108	0.219	0.250	0.244	0.272	0.093	0.080	0.328	0.302	0.029	0.017	0.048	0.039	0.053	0.033
#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	0.054	0.045	0.074	0.052
#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	0.060	0.050	0.080	0.057
#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	0.067	0.056	0.103	0.077
#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	0.075	0.064	0.111	0.083
#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	0.084	0.072	0.134	0.100

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.
 Excellent For Softer Materials To Reduce Embedment;
 Used In Soft Plastics, Soft Woods, Thin Sheet
 Metal(<60% Of Major Dia.), Aluminum Extrusions