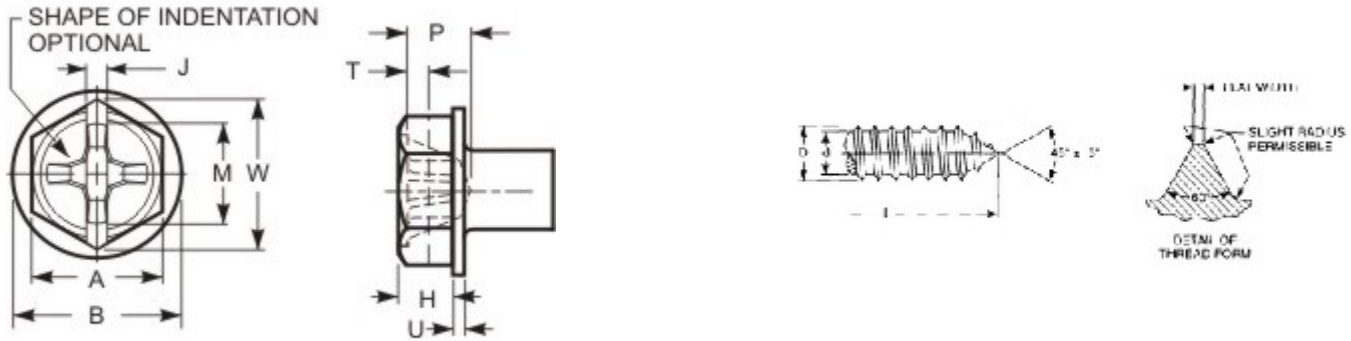


Indented Hex Washer Head - Type I (Phillips) - Combination Sstd - A, AB



THREAD DATA		
Size: #6	Threads per in.: 20	Thread Class or Type: AB
Major Diameter: 0.1390 - 0.1320	Minor Dia Max/Min.: 0.104 - 0.099	Standard: ASME B18.6.3-2013
Length: 1/2	Length Tolerance: ± 0.03	
DIMENSIONAL DATA		
Type: Indented Hex Washer Head - Type I (Phillips) - Combination Sstd - A, AB	Standard: ASME B18.6.3 - 2013	Nominal Diameter: 0.138
H - Head Height: 0.093 - 0.080	J - Slot Width: 0.048 - 0.039	T - Slot Depth: 0.053 - 0.030
Driver Size: 2	Penetration Depth: 0.089 - 0.064	Wobble: 12°
F - Protrusion Height: 0.048 Min	G - Gage Diameter: 0.272	A - Hex AF: 0.250 - 0.244
W - Hex AC: 0.272 Min	B - Washer Diameter: 0.328 - 0.302	U - Washer Thickness: 0.025 - 0.015
M - Ref. Recess Dim.: 0.148		
PHYSICAL REQUIREMENTS		
Nominal: 0.138	Standard: ASME B18.6.3-2013, Type AB (carbon steel)	Typical Materials: carbon steel: 1018-1022
Test Plate Thickness in.: 0.0770 - 0.0730	Test Plate Hole Size in.: 0.1160	Torsional Strength, Min. (in.lbf): 24
Core Hardness: HRC 28 - 38	Case Hardness: HRC 45 Min.	Case Depth (in.): .007-.002
Ductility Test Angle: 10°	Straightness Factor: N/A	
FINISH DATA		
Finish: Zinc & Clear, non-hexavalent/Cr(VI) free - .0001"/ 3µm	K factor (ref. DIN 946): 0.22	Standard: ASTM F1941/F1941M-2016, Fe/Zn 3AN

¹ These torque values are based on K factors determined using DIN 946, tightening tension of 75% of the yield strength, and the calculation formula $T=KDP$. These values are advisory only. The torque for assembling critical joints should be determined and/or verified through actual experimentation by the user. The IFI is not responsible for any losses or claims resulting from the use of these values.² Calculated Pretension is equal to 75% of the bolt's yield strength achieved when using the indicated Tightening Torque.