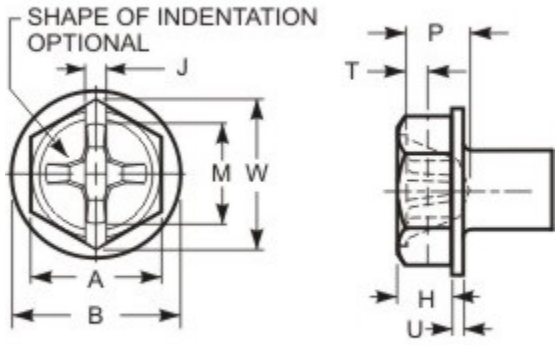
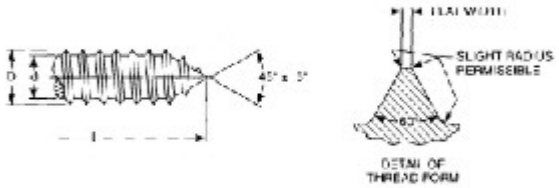
Indented Hex Washer Head - Type I (Phillips) - Combination Sltd - A, AB





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: 3/4	**Length Tolerance:** ± 0.03	
DIMENSIONAL DATA		
Type: Indented Hex Washer Head - Type I (Phillips) - Combination Sltd - 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:** 12º
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.