80º/82º - Flat Head - Type III (square socket) - Wood Screw

THREAD DATA		
Size: #6	**Threads per in.:** 18	**Series Designation:** Single-Lead
Thread Class or Type: WSSL	**Major Diameter:** 0.142 - 0.131	**Minor Dia Max/Min.:** 0.091 Max.
Standard: ASME B18.6.1-2008		
DIMENSIONAL DATA		
Type: 80º/82º - Flat Head - Type III (square socket) - Wood Screw	**Standard:** ASME B18.6.1 - 2008	**Nominal Diameter:** 0.138
E - Body Diameter : 0.118 - 0.107	**A - Head Diameter:** 0.279 - 0.244	**H - Head Height:** 0.083 Ref.
Point Type: Gimlet (sharp)	**Driver Size:** 1S	**Penetration Depth:** 0.055 - 0.040
Wobble: 3º	**M – Ref. Recess Dim.:** 0.174	**L - Length:** 1-1/2
Length Tolerance: -0.05		
PHYSICAL REQUIREMENTS		
Nominal: 0.138	**Standard:** ASME B18.6.1, carbon steel	**Typical Materials:** carbon steel, 1010
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.

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