Truss Head - Type III (Square Socket) - Lath Screw - Sharp Point

THREAD DATA		
Size: #10	**Threads per in.:** 13	**Series Designation:** Double-Lead
Thread Class or Type: WSDL	**Major Diameter:** 0.194 - 0.183	**Minor Dia Max/Min.:** 0.123 Max.
Standard: ASME B18.6.1-2008		
DIMENSIONAL DATA		
Type: Truss Head - Type III (Square Socket) - Lath Screw - Sharp Point	**Standard:** ASTM C1002	**Nominal Diameter:** 0.19
A - Head Diameter: 0.315 ref.	**R - Fillet Radius:** 0.06 min.	**H - Head Height:** 0.472 - 0.452
Point Type: Sharp 20°- 30°	**Driver Size:** 2	**Penetration Depth:** 0.060 - 0.075
Wobble: 0º	**U - Washer Thickness:** 0.047 ref.	**L - Length:** 2
Length Tolerance: -0.05		
PHYSICAL REQUIREMENTS		
Nominal: 0.19	**Standard:** ASTM C1002	**Typical Materials:** carbon steel: 1018-1022
Torsional Strength, Min. (in.lbf): 56	**Case Hardness:** HRC 45 min.	**Case Depth (in.):** 0.002 min.
Straightness Factor: 0.012		
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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