

# 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: 0°	U - Washer Thickness: 0.047 ref.	L - Length: 1-1/2
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: 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

<sup>1</sup> 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.<sup>2</sup> Calculated Pretension is equal to 75% of the bolt's yield strength achieved when using the indicated Tightening Torque.

