

GRADE MARK

| Threads per in.: 16 | Series Designation: UNC |
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| Major Diameter: 0.3737 - 0.3643 | Pitch and Functional Dia.: 0.3331 - 0.3287 |
| Standard: ASME B1.1 - 2003 (R2008) | Length: 1-1/4 |
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| Standard: IFI - 199 | Nominal Diameter: 0.375 |
| G - Width Across Corners: 0.650 - 0.620 | R - Fillet Radius: 0.030 - 0.010 |
| Point Type: Non-pointed | |
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| Standard: ASTM A307A-2014 | Typical Materials: low carbon steel, 1006 through 1022 |
| Tensile Load, Min. (lbf): 4,650 | Yield PSI, 2% Offset, Machined Specimen: 36,000 |
| Tensile Strength, Min. (psi): 60,000 | Calculated Shear Load-BODY (ref.)(lbf): 2,790 |
| Straightness Factor: N/A | Calculated Pretension ² (lbf): 2,093 |
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| K factor (ref. DIN 946): 0.22 | Standard: ASTM F1941/F1941M-2016, Fe/Zn 3AN |
| | Major Diameter: 0.3737 - 0.3643 Standard: ASME B1.1 - 2003 (R2008) Standard: IFI - 199 G - Width Across Corners: 0.650 - 0.620 Point Type: Non-pointed Standard: ASTM A307A-2014 Tensile Load, Min. (Ibf): 4,650 Tensile Strength, Min. (psi): 60,000 Straightness Factor: N/A |

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.



