NSN 5306-01-529-6245

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-01-529-6245

| Thread Class: |
|--|
| 3a |
| Thread Direction: |
| Right-hand |
| Thread Length: |
| 1.218 inches |
| Fastener Length: |
| 3.406 inches |
| Head Style: |
| Spline drive shear head |
| Head Height: |
| 0.539 inches |
| Grip Diameter: |
| Between 0.998 inches and 0.999 inches |
| Shank Unthreaded Hole Diameter: |
| 0.141 inches first hole and 0.151 inches first hole |
| Single Shear Strength: |
| 108000 pounds per square inch |
| Head Minor Diameter: |
| 1.438 inches |
| End Application: |
| C-17a aircraft |
| Thread Diameter: |
| 1.000 inches |
| Grip Length: |
| 2.188 inches |
| Thready Qty Per Inch (tpi): |
| 12 |
| Min. Tensile Strength (psi): |
| 180000 pounds per square inch |
| Distance From Head Largest Bearing Surface To Shank Hole Center: |
| 3.327 inches first hole |
| Product Name: |
| Bolt, shear-spline drive, 108 ksi ftu min, inco 718 |
| Material: |
| Nickel alloy 718 |
| Material Specification: |
| Ams5662 assn standard single material response |
| Surface Treatment: |
| Passivate |
| Sunface Treatment Considerations |

Surface Treatment Specification:

Qq-p-35 federal specification single treatment response

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| Thread Series Designator: |
|---------------------------|
| Unjf |
| Shelf Life: |
| N/a |
| Unit Of Measure: |
| |
| Demilitarization: |
| No |

Fiig: A003b0