

View Online at <https://aerobasegroup.com/nsn/5306-01-517-0615>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.425 inches

**Fastener Length:**

0.862 inches

**Head Style:**

Fillister countersunk

**Head Diameter:**

Between 0.497 inches and 0.506 inches

**Head Height:**

0.110 inches

**Grip Diameter:**

0.249 inches

**End Application:**

Fighter aircraft-first (f18 e/f)

**Thread Diameter:**

0.250 inches

**Grip Length:**

0.437 inches

**Thread Qty Per Inch (tpi):**

28

**Min. Tensile Strength (psi):**

160 pounds per square inch

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Criticality Code Justification:**

Agav

**Product Name:**

Inavy): bolt, machine; also know as bolt, 100 degrees tension head, gear drive recess-titanium (95 ksi shear) special thread length

**Special Features:**

Next higher assembly's are nsn 1560-01-529-5523 (structural, vertical) & nsn 1560-01-505-2077 (fitting, structural component, aircraft)

**Material:**

Titanium alloy

**Material Specification:**

6al-4v titanium alloy per nas4004 assn standard single material response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0