

View Online at <https://aerobasegroup.com/nsn/5305-01-386-5277>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.605 inches

**Fastener Length:**

2.485 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.853 inches and 0.875 inches

**Head Height:**

Between 0.365 inches and 0.375 inches

**Shoulder Diameter:**

0.621 inches first shoulder and 0.623 inches first shoulder

**Shoulder Length:**

1.652 inches first shoulder

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.500 inches

**Width Across Flats:**

0.312 inches

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

13

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

140000 pounds per square inch

**Criticality Code Justification:**

Feat

**Shoulder Shape:**

Round first shoulder

**Special Features:**

This item is flight safety critical. Thread is safety critical per mil-s-7742 under application category safety critical. Apply one coat of mil-p-23377, type 1, cl 1 or 3 and two top coats of mil-c-46168, color code 33538 per fed-std-595 to top of head. Threads and shoulder are undercut for relief.

**Material:**

Steel uns k03104

**Material Specification:**

Astm a574 assn standard single material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416 type 2 cl 3 federal specification all treatment responses

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0