

View Online at <https://aerobasegroup.com/nsn/5306-01-102-2462>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.540 inches

**Fastener Length:**

4.750 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.480 inches and 0.520 inches

**Width Between Flats:**

Between 1.745 inches and 1.755 inches

**Shoulder Diameter:**

1.246 inches first shoulder and 1.248 inches first shoulder

**Shoulder Length:**

3.620 inches first shoulder and 3.630 inches first shoulder

**Thread Diameter:**

1.000 inches

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

12

**Hardness Rating:**

32.0 rockwell c and 36.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Special Features:**

Undercut head; one hole located on threaded end 0.136 in. 0.146 in. diameter; 0.290 in. 0.330 in. distance from threaded end

**Material:**

Steel

**Material Specification:**

Astm a322 assn standard single material response or astm a331 assn standard single material response or mil-s-46172 military specification single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416, type 2, class 2 federal specification 1st treatment response or qq-p-416, type 3, class 2 federal specification 2nd treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

**Mil-std (military Standard):**

Mil-s-46172 spec.