

View Online at <https://aerobasegroup.com/nsn/5305-01-217-2185>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.710 inches and 0.760 inches

**Fastener Length:**

Between 1.220 inches and 1.250 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.927 inches and 1.019 inches

**Grip Diameter:**

Between 0.4985 inches and 0.4995 inches

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 0.490 inches and 0.510 inches

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

20

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Surface Finish:**

32.0 microinches threads

**Material:**

Steel comp e4340 or steel comp 8740

**Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or ams6322 assn standard 2nd material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, ty2, cl2 federal specification single treatment response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-5000 spec.