

View Online at <https://aerobasegroup.com/nsn/5305-01-059-0221>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.490 inches and 0.542 inches

**Fastener Length:**

Between 2.187 inches and 2.219 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.929 inches and 1.024 inches

**Grip Diameter:**

Between 0.4982 inches and 0.4991 inches

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.678 inches and 1.698 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Countersink Angle:**

100.0 degrees

**Surface Finish:**

63.0 microinches grip

**Material:**

Steel comp 4140 or steel comp e4340 or steel comp 6150 or steel comp 8735 or steel comp 8740

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, class 3 federal specification single treatment response

**Thread Series Designator:**

Unf

**Specification Data:**

81205-bacb30ab manufacturers standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0