

View Online at <https://aerobasegroup.com/nsn/5305-01-455-1406>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.768 inches

**Fastener Length:**

Between 2.753 inches and 2.783 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.951 inches and 1.014 inches

**Grip Diameter:**

Between 0.4990 inches and 0.4995 inches

**Internal Drive Style:**

Offset cruciform (torque set)

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.990 inches and 2.010 inches

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

20

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

160000 pounds per square inch

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Surface Finish:**

32.0 microinches grip

**Product Name:**

Navy special project

**Material:**

Steel comp 4340 or steel comp 4140 or steel comp 8740

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Specification Data:**

80205-nas1580 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0