

View Online at <https://aerobasegroup.com/nsn/5305-00-051-6112>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.720 inches and 0.795 inches

**Fastener Length:**

Between 1.485 inches and 1.530 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.932 inches and 1.022 inches

**Internal Drive Style:**

Cross recess type ii

**Thread Diameter:**

0.500 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

Between 26.0 rockwell c and 32.0 rockwell c

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Screw Material:**

Steel comp 8740 or steel comp 8630 or steel comp 8735 or steel comp 4130 or steel comp 4037

**Screw Material Specification:**

Mil-s-6049 military specification 1st material response or mil-s-6050 military specification 2nd material response or mil-s-6098 military specification 3rd material response or mil-s-6758 military specification 4th material response or ams 6300 assn standard 5th material response

**Screw Surface Treatment:**

Cadmium and chromate

**Screw Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Specification Data:**

80205-nas517 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A500d0

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

Mil-s-6049 spec.