

View Online at <https://aerobasegroup.com/nsn/5310-00-245-3504>

**Thread Class:**

3b

**Thread Direction:**

Right-hand

**Locking Feature:**

Prevailing torque with nonmetallic insert

**Nut Style:**

Hexagon

**Nut Height:**

Between 0.575 inches and 0.610 inches

**End Application:**

Conderoga class cg (47), ssbn mk-118 fire control sys, aircraft, orion p-3, communications systems, an/wrr-7, sturgeon class ssn (637), submarine vertical launch system (vls), elevators, cargo/weapons, losangeles class ssn (688), engine, aircraft f-117, pw-100 (c-17a), virginia class cgn (41).

**Width Across Flats:**

Between 0.741 inches and 0.755 inches

**Tempurature Rating:**

250.0 degrees fahrenheit

**Thread Series:**

Unc

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

13

**Thread Size:**

0.500 inches

**Countersink Angle:**

88.0 degrees nut

**Bearing Surface Type:**

Chamfered

**Bearing Surface Finish:**

125.0 microinches

**Material:**

Plastic polyhexamethylene amide locking insert

**Material Specification:**

Astm d4066, comp a, type 1 assn standard single material response locking insert

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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