

View Online at <https://aerobasegroup.com/nsn/5305-00-058-4012>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.429 inches and 0.578 inches

**Fastener Length:**

Between 1.266 inches and 1.312 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.447 inches and 0.507 inches

**Internal Drive Style:**

Cross recess type 1

**End Application:**

W/s: aircraft, phantom f-4; joint stars target radar systems; helicopter, seahawk, h-60; aircraft, c-2a (reprocured); aircraft (ac-130h, mc-130h, ec-130e, hc-130); helicopter, uscg search and rescue, hh-60j; helicopter, search and rescue, hh-60h; missile, all-weather anti-ship, harpoon (agm-84); engine, aircraft f110-ge-400; helicopter, carrier based asw, sh-60f

**Thread Diameter:**

0.250 inches

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

28

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

125000 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 e4340 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4140 or steel comp 4037

**Screw Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or mil-s-6098 military specification 3rd material response or mil-s-8503 military specification 4th material response or mil-s-5626 military specification 5th material response or ams 6300 assn standard 6th material response

**Screw Surface Treatment:**

Cadmium and chromate

**Screw Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

**Fig:**

A500d0

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

Mil-s-5000 spec.