

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:

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Demilitarization:

Fig:

A500d0

Mil-std (military Standard):

Mil-s-5000 spec.