

View Online at <https://aerobasegroup.com/nsn/5306-01-359-2294>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.316 inches

Fastener Length:

Between 2.051 inches and 2.081 inches

Head Style:

Dished hexagon

Head Height:

Between 0.125 inches and 0.140 inches

Width Between Flats:

Between 0.430 inches and 0.439 inches

Grip Diameter:

Between 0.2483 inches and 0.2492 inches

Shank Unthreaded Hole Diameter:

0.076 inches first hole and 0.086 inches first hole

Thread Diameter:

0.250 inches

Grip Length:

Between 1.740 inches and 1.760 inches

Thready Qty Per Inch (tpi):

28

Min. Tensile Strength (psi):

95000 pounds per square inch

Hardness Rating:

36.0 rockwell c and 40.0 rockwell c

Distance From Head Largest Bearing Surface To Shank Hole Center:

1.939 inches first hole and 1.959 inches first hole

Surface Finish:

32.0 microinches first shoulder 63.0 microinches bearing surface of head 63.0 microinches grip 32.0 microinches threads

Material:

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 6150

Material Specification:

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

Surface Treatment:

Chromium bearing surface of head cadmium sides of head chromium grip cadmium top of head cadmium threads

Surface Treatment Specification:

Dps.9.84, type 1, cage 88277 mfr ref single treatment response bearing surface of head dps.9.74, type 1, cage 88277 mfr ref single treatment response sides of head dps.9.84, type 1, cage 88277 mfr ref single treatment response grip dps.9.74, type 1, cage 88277 mfr ref single treatment response top of head dps.9.74, type 1, cage 88277 mfr ref single treatment response threads

Thread Series Designator:

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.