

View Online at <https://aerobasegroup.com/nsn/5306-00-873-7844>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

Between 0.571 inches and 0.641 inches

Fastener Length:

Between 3.476 inches and 3.506 inches

Head Style:

Double hexagon extended washer

Head Height:

Between 0.494 inches and 0.514 inches

Width Between Flats:

Between 0.556 inches and 0.565 inches

Extended Washer Diameter:

Between 0.818 inches and 0.828 inches

Extended Washer Thickness:

Between 0.113 inches and 0.133 inches

First Diameter From Head:

Between 0.4985 inches and 0.4995 inches

Second Diameter From Head:

Between 0.420 inches and 0.430 inches

Distance From Largest Bearing Surface Of Head To End Of First Diameter:

Between 2.590 inches and 2.610 inches

Distance From Largest Bearing Surface Of Head To End Of Second Diameter:

Between 2.865 inches and 2.905 inches

Thread Diameter:

0.500 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

180000 pounds per square inch

Hardness Rating:

39.0 rockwell c and 43.0 rockwell c

Externally Relieved Body Diameter Quantity:

2

Special Features:

Cadmium plate 0.0002 in. Min, 0.0004 in. Maximum thk

Material:

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4340

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:

Cadmium

Test Data Document:

81349-mil-i-6868 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

Unf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.