

View Online at <https://aerobasegroup.com/nsn/5305-01-057-0333>

Thread Class:

2a

Thread Direction:

Right-hand

Thread Length:

Between 0.742 inches and 1.000 inches

Fastener Length:

Between 0.969 inches and 1.000 inches

Head Style:

Hexagon

Head Height:

Between 0.378 inches and 0.403 inches

Width Between Flats:

Between 0.922 inches and 0.938 inches

Thread Diameter:

0.625 inches

Thready Qty Per Inch (tpi):

11

Min. Tensile Strength (psi):

120000 pounds per square inch

Hardness Rating:

25.0 rockwell c and 34.0 rockwell c

Criticality Code Justification:

Zzzx

Surface Finish:

63.0 microinches threads

Special Features:

Material grade 8 has a rockwell hardness c32 to c38 and a 150000 min. Tensile strength

Material:

Steel

Material Specification:

Sae, gr 5 or 8 assn standard single material response

Surface Treatment:

Phosphate manganese

Special Test Features:

Special quality control testing

Surface Treatment Specification:

Mil-p-16232, ty m, cl 2 military specification single treatment response

Test Data Document:

81349-mil-p-23199 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:

Unc

Specification Or Standard:

2 type and 10p style and 5 grade or 8 grade

Departure From Cited Document:

As modified by surface finish

Departure From Cited Designator:

As differentiated by material which must conform to ships parts control center special quality control provisions

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-p-16232 spec.