

View Online at <https://aerobasegroup.com/nsn/5306-01-383-6031>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.902 inches

Fastener Length:

1.277 inches

Head Style:

Dished hexagon

Head Height:

0.312 inches

Width Between Flats:

Between 0.928 inches and 0.940 inches

Locking Feature:

Patch threads or pellet threads or strip threads

Grip Diameter:

Between 0.623 inches and 0.624 inches

Thread Diameter:

0.625 inches

Grip Length:

Between 0.365 inches and 0.385 inches

Thread Qty Per Inch (tpi):

18

Min. Tensile Strength (psi):

160000 pounds per square inch

Hardness Rating:

36.0 rockwell c and 40.0 rockwell c

Criticality Code Justification:

Thsd

Surface Finish:

63.0 microinches grip

Special Features:

Thread is safety critical per mil-s-8879 under application category safety critical except major diameter to be 0.001 in below min shank dia.

Apply one coat of mil-p-23377, type 1, cl 1 or 3 and two top coats of mil-c-46168, color code 33538 per fed-std-595 to top of head

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:

Cadmium and chromate

Surface Treatment Specification:

Qq-p-416 type 2 cl 2 federal specification all treatment responses

Thread Series Designator:

Unjf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.