

View Online at <https://aerobasegroup.com/nsn/5305-01-383-1625>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.420 inches

Fastener Length:

Between 2.083 inches and 2.103 inches

Head Style:

Crowned hexagon

Head Height:

Between 0.251 inches and 0.266 inches

Width Between Flats:

Between 0.741 inches and 0.752 inches

Locking Feature:

Detent ball grip

Grip Diameter:

Between 0.4986 inches and 0.4991 inches

Shank Unthreaded Hole Diameter:

0.106 inches first hole and 0.116 inches first hole

Internal Drive Style:

Slot

Thread Diameter:

0.500 inches

Grip Length:

Between 1.438 inches and 1.454 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

62500 pounds per square inch

Hardness Rating:

50.0 rockwell c locking feature and 62.0 rockwell c locking feature

Criticality Code Justification:

Feat

Distance From Head Largest Bearing Surface To Shank Hole Center:

1.951 inches first hole and 1.971 inches first hole

Surface Finish:

32.0 microinches grip

Special Features:

Safety critical item. 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 631 spring or steel comp 302 spring

Material Specification:

Qq-s-763 federal specification all material responses locking feature

Surface Treatment:

Passivate

Surface Treatment Specification:

Qq-p-35 federal specification single treatment response

Thread Series Designator:

Unjf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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