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Shear Bolt - Page 1 of 2



AeroBase Group

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.454 inches

Fastener Length:

Between 2.301 inches and 2.331 inches

Head Style:

Dished hexagon

Head Height:

Between 0.188 inches and 0.203 inches

Width Between Flats:

Between 0.554 inches and 0.564 inches

Grip Diameter:

Between 0.3735 inches and 0.3745 inches

Shank Unthreaded Hole Diameter:

0.106 inches first hole and 0.116 inches first hole

Thread Diameter:

0.375 inches

Grip Length:

Between 2.052 inches and 2.072 inches

Thready Qty Per Inch (tpi):

24

Min. Tensile Strength (psi):

160000 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:

2.123 inches first hole and 2.143 inches first hole

Material:

Steel comp e4340 or steel comp 8740

Material Specification:

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or ams6322 assn standard

2nd material response

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

Qq-p-416, ty2 cl2 federal specification single treatment response

Thread Series Designator:

Unjf

Specification Data:

80205-nas6206 professional/industrial association standard

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Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.

