

View Online at <https://aerobasegroup.com/nsn/5306-01-622-5591>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.528 inches

Fastener Length:

Between 0.888 inches and 0.918 inches

Head Style:

Hexagon

Head Height:

Between 0.250 inches and 0.265 inches

Width Between Flats:

Between 0.741 inches and 0.752 inches

Grip Diameter:

Between 0.4985 inches and 0.4995 inches

Shank Unthreaded Hole Diameter:

0.106 inches and 0.116 inches all holes

Thread Diameter:

0.500 inches

Grip Length:

Between 0.365 inches and 0.385 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

160000 pounds per square inch

Distance From Head Largest Bearing Surface To Shank Hole Center:

0.705 inches all holes

Surface Finish:

32.0 microinches threads

Product Name:

Bolt, tension, hex head, close tolerance, alloy steel, short thread, reduced major thread dia., self-locking and nonlocking, 160 ksi ftu

Material:

Steel comp 4140 or steel comp 4340 or steel comp 8740

Material Specification:

Ams6349 or 6382 national std/spec 1st material response or ams6415 or 6484 national std/spec 2nd material response or ams6322 national std/spec 3rd material response

Surface Treatment:

Cadmium

Surface Treatment Specification:

Qq-p-416, type ii, class 2; embrittlement requirement per nas4002 federal specification single treatment response

Thread Series Designator:

Unjf

Specification Data:

80205-nas6203 through 6220 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0