

View Online at <https://aerobasegroup.com/nsn/5306-01-616-3192>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.420 inches

Fastener Length:

0.815 inches

Head Style:

Double hexagon extended washer

Head Height:

Between 0.255 inches and 0.275 inches

Width Between Flats:

0.2500 inches

Extended Washer Diameter:

Between 0.340 inches and 0.350 inches

Extended Washer Thickness:

Between 0.045 inches and 0.065 inches

Grip Diameter:

Between 0.1885 inches and 0.1895 inches

End Application:

Mk 7 mod 1 ra

Thread Diameter:

0.1900 inches

Grip Length:

Between 0.365 inches and 0.385 inches

Features Provided:

Dry film lubricant

Thready Qty Per Inch (tpi):

32

Min. Tensile Strength (psi):

180000 pounds per square inch

Hardness Rating:

39.0 rockwell c and 43.0 rockwell c

Surface Finish:

32.0 microinches bearing surface of head

Product Name:

Bolt, machine

Special Features:

Item is altered from ms21250-03006 with dry film lubricant 5191127 applied to all surfaces except omit from threads; surface roughness is 32 microinches on shank and bearing surface of head, all other surfaces are 125 microinches

Material:

Steel comp 4140 or steel comp e4340 or steel comp 4340 or steel comp 8740 or steel comp 6150

Material Specification:

Ams6382 national std/spec 1st material response or ams-s-5000 or ams6484 national std/spec 2nd material response or ams6415 national std/spec 3rd material response or ams6322 or 6150 national std/spec 4th material response or ams6448 national std/spec 5th material response

Surface Treatment:

Cadmium

Surface Treatment Specification:

Qq-p-416, type ii, class 2 federal specification single treatment response

Thread Series Designator:

Unjf

Specification Data:

80205-nas-21250 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0