

View Online at <https://aerobasegroup.com/nsn/5306-01-616-3160>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.492 inches

Fastener Length:

1.137 inches

Head Style:

Double hexagon w/hole

Head Height:

Between 0.290 inches and 0.310 inches

Width Between Flats:

0.3125 inches

Extended Washer Diameter:

Between 0.428 inches and 0.438 inches

Extended Washer Thickness:

Between 0.059 inches and 0.079 inches

Hole Diameter:

Between 0.032 inches and 0.042 inches

Grip Diameter:

Between 0.2485 inches and 0.2495 inches

End Application:

Mk 7 mod 1 ra

Thread Diameter:

0.2500 inches

Grip Length:

Between 0.615 inches and 0.635 inches

Hole Quantity:

4

Hole Type:

Drilled

Features Provided:

Dry film lubricant

Thready Qty Per Inch (tpi):

28

Min. Tensile Strength (psi):

180000 pounds per square inch

Hardness Rating:

39.0 rockwell c and 43.0 rockwell c

Hole Configuration Style:

Round longitudinal hole

Surface Finish:

32.0 microinches bearing surface of head

Product Name:

Bolt, machine

Special Features:

Item is altered from ms21250h04010 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

Fig:

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