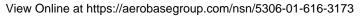
## NSN 5306-01-616-3173

Shear Bolt - Page 1 of 2



**Thread Class:** 3a **Thread Direction: Right-hand Thread Length:** 0.625 inches **Fastener Length:** 0.895 inches **Head Style:** Double hexagon extended washer **Head Height:** Between 0.378 inches and 0.398 inches Width Between Flats: 0.4375 inches **Extended Washer Diameter:** Between 0.639 inches and 0.649 inches **Extended Washer Thickness:** Between 0.081 inches and 0.101 inches **Grip Diameter:** Between 0.3735 inches and 0.3745 inches **End Application:** Mk 7 mod 1 ra **Thread Diameter:** 0.3750 inches Grip Length: Between 0.240 inches and 0.260 inches **Features Provided:** Dry film lubricant Thready Qty Per Inch (tpi): 24 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 ms21250-06004 with dry film lubricant 5191127 applied to all surfaces except omit from threads; surface roughness is 32 microinches on bearing surface of head and shank, all other surfaces are 125 microinches Material:

AeroBase Group

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

## NSN 5306-01-616-3173

Shear Bolt - Page 2 of 2



## 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