Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-00-702-2513

Thread Class:

3a

**Thread Direction:** 

**Right-hand** 

## Thread Length:

0.375 inches

#### Fastener Length:

0.813 inches

#### Head Style:

Dished hexagon

**Head Height:** 

0.156 inches

Width Between Flats:

Between 0.492 inches and 0.502 inches

#### Grip Diameter:

Between 0.3110 inches and 0.3120 inches

Shank Unthreaded Hole Diameter:

0.076 inches first hole

#### Thread Diameter:

0.312 inches

## Grip Length:

0.438 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:

0.694 inches first hole

#### Material:

Steel comp 4140 or steel comp e4340 or steel comp 6150 or steel comp 8735 or steel comp 8740 or steel comp 4037

#### **Material Specification:**

Mil-s-5626 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-8503 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6049 military specification 5th material response or mil-s-8695 military specification 6th material response

## Surface Treatment:

Cadmium and chromate

## Surface Treatment Specification:

Qq-p-416, type 2 cl 3 federal specification single treatment response

## **Thread Series Designator:**

Unf

#### Shelf Life:

N/a

# NSN 5306-00-702-2513

Shear Bolt - Page 2 of 2

Unit Of Measure:

---

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5626 spec.

