# NSN 5306-01-622-6709

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-01-622-6709

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.454 inches
Fastener Length:
Between 1.189 inches and 1.219 inches
Head Style:
Hexagon
Head Height:
Between 0.188 inches and 0.203 inches
Width Between Flats:
Between 0.554 inches and 0.564 inches
Hole Diameter:
Between 0.070 inches and 0.080 inches
Grip Diameter:
Between 0.3735 inches and 0.3745 inches
Shank Unthreaded Hole Diameter:
0.106 inches and 0.116 inches all holes
Thread Diameter:
0.3750 inches
Grip Length:
Between 0.740 inches and 0.760 inches
Hole Quantity:
3
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
24
Min. Tensile Strength (psi):
160000 pounds per square inch
Hole Configuration Style:
Hexagon flats
Distance From Head Largest Bearing Surface To Shank Hole Center:
1.021 inches all holes
Surface Finish:
32.0 microinches threads
Product Name:
Bolt, tension, hex head, close tolerance, alloy steel, short thread, reduced major dia., self-locking and nonlocking, 160 ksi ftu
Material:

Steel comp 4140 or steel comp 4340 or steel comp 8740

# NSN 5306-01-622-6709

Shear Bolt - Page 2 of 2



#### **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:** 

--

**Demilitarization:** 

No

Fiig:

A003b0