# NSN 5306-01-210-4965

Shear Bolt - Page 1 of 2

View Online at https://aerobasegroup.com/nsn/5306-01-210-4965



**Thread Class:** 

3a

**Thread Direction:** 

**Right-hand** 

## Thread Length:

Between 0.429 inches and 0.479 inches

## Fastener Length:

Between 2.627 inches and 2.657 inches

#### **Head Style:**

Dished hexagon

## **Head Height:**

Between 0.188 inches and 0.203 inches

## Width Between Flats:

Between 0.554 inches and 0.564 inches

## Grip Diameter:

Between 0.3735 inches and 0.3745 inches

## Shank Unthreaded Hole Diameter:

0.106 inches and 0.116 inches first hole

## Thread Diameter:

0.375 inches

## Grip Length:

Between 2.178 inches and 2.198 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:

2.434 inches and 2.484 inches first hole

#### Surface Finish:

32.0 microinches threads

#### Material:

Steel comp e4340 or steel comp 8740

## **Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or ams6322 assn standard

2nd material response

#### Surface Treatment:

Cadmium and chromate

#### Surface Treatment Specification:

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

## Thread Series Designator:

# NSN 5306-01-210-4965

Shear Bolt - Page 2 of 2



**Specification Data:** 

80205-nas6206 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

---

Demilitarization:

No

Fiig:

A003b0

# Mil-std (military Standard):

Mil-s-5000 spec.