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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.500 inches

**Fastener Length:**

2.250 inches

**Head Style:**

Hexagon

**Head Height:**

0.312 inches

**Width Between Flats:**

0.938 inches

**Grip Diameter:**

0.6240 inches

**Shank Unthreaded Hole Diameter:**

0.141 inches first hole

**Single Shear Strength:**

29150 pounds per square inch

**Thread Diameter:**

0.625 inches

**Grip Length:**

1.750 inches

**Thready Qty Per Inch (tpi):**

18

**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:**

2.062 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 head

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

**Mil-std (military Standard):**

Mil-s-5626 spec.