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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.453 inches

**Fastener Length:**

1.641 inches

**Head Style:**

Dished hexagon

**Head Height:**

0.250 inches

**Width Between Flats:**

Between 0.741 inches and 0.752 inches

**Grip Diameter:**

Between 0.4985 inches and 0.4995 inches

**Thread Diameter:**

0.500 inches

**Grip Length:**

1.188 inches

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

20

**Min. Tensile Strength (psi):**

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**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 all treatment responses

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-5626 spec.