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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.650 inches

**Fastener Length:**

1.170 inches

**Head Style:**

Hexagon

**Head Height:**

0.260 inches

**Width Between Flats:**

0.750 inches

**First Diameter From Head:**

Between 0.494 inches and 0.500 inches

**Second Diameter From Head:**

Between 0.434 inches and 0.438 inches

**Distance From Largest Bearing Surface Of Head To End Of First Diameter:**

Between 0.120 inches and 0.180 inches

**Distance From Largest Bearing Surface Of Head To End Of Second Diameter:**

0.410 inches

**Thread Diameter:**

0.500 inches

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

20

**Hardness Rating:**

32.0 rockwell c and 36.0 rockwell c

**Externally Relieved Body Diameter Quantity:**

2

**Material:**

Steel comp 8735 or steel comp 4140

**Surface Treatment:**

Cadmium

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0