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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.543 inches and 0.583 inches

**Fastener Length:**

Between 1.178 inches and 1.198 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.178 inches and 0.198 inches

**Width Between Flats:**

Between 0.735 inches and 0.755 inches

**First Diameter From Head:**

Between 0.6245 inches and 0.6249 inches

**Second Diameter From Head:**

Between 0.4495 inches and 0.4515 inches

**Third Diameter From Head:**

Between 0.6245 inches and 0.6249 inches

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

Between 0.333 inches and 0.353 inches

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

Between 0.479 inches and 0.489 inches

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

Between 0.615 inches and 0.635 inches

**Thread Diameter:**

0.500 inches

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

20

**Hardness Rating:**

40.0 rockwell c and 45.0 rockwell c

**Externally Relieved Body Diameter Quantity:**

3

**Material:**

Steel comp 4140 or steel comp 4340 or steel comp 8740 or steel comp e4340

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0