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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.678 inches and 0.698 inches

**Fastener Length:**

Between 6.271 inches and 6.291 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

0.885 inches

**Head Height:**

0.416 inches

**First Diameter From Head:**

Between 0.390 inches and 0.394 inches

**Second Diameter From Head:**

Between 0.488 inches and 0.495 inches

**Third Diameter From Head:**

Between 0.390 inches and 0.394 inches

**Fourth Diameter From Head:**

Between 0.499 inches and 0.500 inches

**Fifth Diameter From Head:**

Between 0.390 inches and 0.394 inches

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

Between 0.115 inches and 0.135 inches

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

Between 0.365 inches and 0.385 inches

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

Between 2.365 inches and 2.385 inches

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

Between 3.115 inches and 3.135 inches

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

Between 5.146 inches and 5.166 inches

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.500 inches

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

20

**Hardness Rating:**

28.0 rockwell c and 32.0 rockwell c

**Externally Relieved Body Diameter Quantity:**

5

**Special Features:**

Sixth diameter from head 0.488 to 0.495, seventh diameter from head 0.415 to 0.425, 5.458 to 5.478 lg from bearing surface of head to end of sixth dia, 5.583 to 5.603 lg from bearing surface of head to end of seventh dia

**Material:**

Steel

**Material Specification:**

Sae 8640 assn standard single material response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0