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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.688 inches

**Fastener Length:**

2.940 inches

**Shank Unthreaded Hole Diameter:**

0.141 inches first hole

**First Diameter From Head:**

Between 0.525 inches and 0.526 inches

**Second Diameter From Head:**

Between 0.425 inches and 0.530 inches

**Third Diameter From Head:**

Between 0.510 inches and 0.511 inches

**Fourth Diameter From Head:**

Between 0.425 inches and 0.430 inches

**Fifth Diameter From Head:**

0.500 inches

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

0.240 inches

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

0.980 inches

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

1.680 inches

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

2.200 inches

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

Between 2.240 inches and 2.280 inches

**Thread Diameter:**

0.500 inches

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

20

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

2.770 inches first hole and 2.780 inches first hole

**Special Features:**

3rd shoulder has 1 degrees 22 min taper 0.200 in. Lg toward thd end, 45 degrees chamfe 0.060 in. Lg on thd end

**Material:**

Steel comp 8640

**Material Specification:**

Qq-s-624 federal specification single material response

**Surface Treatment:**

Phosphate

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0