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**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.170 inches and 0.200 inches

**Fastener Length:**

Between 1.150 inches and 1.160 inches

**Head Style:**

Double chamfer

**Head Diameter:**

Between 0.682 inches and 0.685 inches

**Head Height:**

Between 0.115 inches and 0.135 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole

**First Diameter From Head:**

Between 0.4785 inches and 0.4840 inches

**Second Diameter From Head:**

Between 0.4985 inches and 0.4990 inches

**Third Diameter From Head:**

Between 0.422 inches and 0.432 inches

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

Between 0.050 inches and 0.070 inches

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

Between 0.840 inches and 0.860 inches

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

Between 0.910 inches and 0.950 inches

**Internal Drive Style:**

Slot

**Thread Diameter:**

0.500 inches

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

20

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

1.027 inches first hole

**Externally Relieved Body Diameter Quantity:**

3

**Special Features:**

Lettered (s) on head

**Material:**

Steel comp 4130 or steel comp 8740

**Surface Treatment:**

Cadmium head

**Surface Treatment Specification:**

Qq-p-416, type 1, cl 3 federal specification single treatment response head

**Test Data Document:**

81349-mil-i-6868 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0