

View Online at <https://aerobasegroup.com/nsn/5306-00-042-9014>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.993 inches and 1.093 inches

**Fastener Length:**

Between 1.093 inches and 1.157 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.312 inches and 0.327 inches

**Width Between Flats:**

Between 0.736 inches and 0.750 inches

**Locking Feature:**

Distortions bearing surface of head

**Thread Diameter:**

0.500 inches

**Features Provided:**

Finished head

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

20

**Min. Tensile Strength (psi):**

95000 pounds per square inch

**Hardness Rating:**

96.0 rockwell b and 104.0 rockwell b

**Minimum Yield Strength:**

85000 pounds per square inch

**Material:**

Steel comp 1035

**Material Specification:**

Qq-s-634 federal specification single material response

**Surface Treatment:**

Cadmium or zinc

**Surface Treatment Specification:**

Qq-p-416, type 1, cl 3 federal specification 1st treatment response or qq-z-325, type 1, cl 3 federal specification 2nd treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0