

View Online at <https://aerobasegroup.com/nsn/5306-01-067-8508>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.840 inches

**Fastener Length:**

1.590 inches

**Head Style:**

Hexagon extended washer

**Head Height:**

0.460 inches

**Width Between Flats:**

Between 0.736 inches and 0.750 inches

**Extended Washer Diameter:**

Between 0.860 inches and 0.890 inches

**Extended Washer Thickness:**

0.080 inches

**Shoulder Diameter:**

0.531 inches first shoulder and 0.536 inches first shoulder

**Shoulder Length:**

0.750 inches first shoulder

**Thread Diameter:**

0.500 inches

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

20

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

150000 pounds per square inch

**Hardness Rating:**

33.0 rockwell c and 39.0 rockwell c

**Minimum Yield Strength:**

130000 pounds per square inch

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel

**Material Specification:**

Sae j429 gr 8 assn standard all material responses

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0