

View Online at <https://aerobasegroup.com/nsn/5306-00-522-6511>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.642 inches and 0.712 inches

**Fastener Length:**

Between 2.815 inches and 2.845 inches

**Head Style:**

Hexagon

**Head Height:**

0.250 inches

**Width Between Flats:**

0.875 inches

**Shoulder Diameter:**

0.746 inches first shoulder and 0.748 inches first shoulder

**Shoulder Length:**

1.005 inches all shoulders and 1.015 inches all shoulders

**Thread Diameter:**

0.500 inches

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

20

**Shoulder Shape:**

Round first shoulder

**Special Features:**

Undercut at head 0.062 in long by 0.718 dia; undercut at first shoulder 0.093 in w by 0.015 deep; undercut at second shoulder 0.093 in by 0.437 dia; 0.060 in by 45 degrees chamfer at thread end

**Material:**

Steel comp 3135 or steel comp 8640 or steel comp 8740

**Material Specification:**

Qq-s-624 federal specification all material responses

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0