

View Online at <https://aerobasegroup.com/nsn/5306-01-007-8216>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.343 inches and 0.422 inches

**Fastener Length:**

Between 2.453 inches and 2.500 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.203 inches and 0.235 inches

**Width Between Flats:**

Between 0.615 inches and 0.627 inches

**Shoulder Diameter:**

0.4815 inches first shoulder and 0.4820 inches first shoulder

**Shoulder Length:**

1.984 inches first shoulder and 2.016 inches first shoulder

**Thread Diameter:**

0.438 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Special Features:**

Groove 0.094 in. Wide, 0.355 in. Diameter located between shoulder and threaded portion

**Material:**

Steel comp 4140 or steel comp e4340 or steel comp 6150 or steel comp 8735 or steel comp 8740

**Material Specification:**

Mil-s-5626 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-8503 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6049 military specification 5th material response

**Surface Treatment:**

Cadmium head

**Surface Treatment Specification:**

Qq-p-416, ty1 federal specification single treatment response threads

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

**Mil-std (military Standard):**

Mil-s-5626 spec.