View Online at https://aerobasegroup.com/nsn/5306-01-520-4138

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.629 inches

**Fastener Length:**

Between 1.317 inches and 1.357 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.265 inches and 0.297 inches

**Width Between Flats:**

Between 0.740 inches and 0.752 inches

**Shoulder Diameter:**

0.495 inches  first shoulder and 0.499 inches  first shoulder

**Shoulder Length:**

0.635 inches  first shoulder and 0.655 inches  first shoulder

**Thread Diameter:**

0.438 inches

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

20

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

125000 pounds per square inch

**Hardness Rating:**

26.0 rockwell c  and 32.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Product Name:**

Bolt,  shoulder-hexagon head

**Material:**

Steel comp 8740  or steel comp 4140  or steel comp 8630  or steel comp 8735  or steel comp 4130  or steel comp 4037

**Surface Treatment:**

Cadmium  and chromate

**Surface Treatment Specification:**

Qq-p-416 ty2 cl 2 federal specification single treatment response

**Thread Series Designator:**

Unjf

**Specification Data:**

80205-nas1297 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0