

View Online at <https://aerobasegroup.com/nsn/5306-01-512-1172>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.400 inches and 0.450 inches

**Fastener Length:**

Between 0.972 inches and 1.002 inches

**Head Style:**

Dished hexagon

**Head Height:**

Between 0.125 inches and 0.140 inches

**Width Between Flats:**

Between 0.429 inches and 0.439 inches

**Grip Diameter:**

Between 0.280 inches and 0.281 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole and 0.086 inches first hole

**End Application:**

C-130 acft

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 0.552 inches and 0.572 inches

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

28

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

1.222 inches first hole and 1.272 inches first hole

**Surface Finish:**

32.0 microinches threads

**Product Name:**

Bolt, shoulder

**Special Features:**

Name on document: bolt, hex head, close tolerance, alloy steel, long thread, nonlocking

**Material:**

Steel comp e4340 or steel comp 8740

**Material Specification:**

Mil-s-5000 military specification 1st material response and mil-s-6049 military specification 2nd material response or ams6322 assn standard 2nd material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2 cl federal specification single treatment response

**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-5000 spec.