

View Online at <https://aerobasegroup.com/nsn/5306-01-643-2339>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

1.036 inches

**Fastener Length:**

4.056 inches

**Head Style:**

Double hexagon extended washer

**Head Height:**

0.711 inches

**Width Between Flats:**

0.8125 inches

**Extended Washer Diameter:**

Between 1.220 inches and 1.230 inches

**Extended Washer Thickness:**

0.178 inches

**Hole Diameter:**

Between 0.05 inches and 0.06 inches

**Grip Diameter:**

Between 0.7480 inches and 0.7490 inches

**Thread Diameter:**

0.7500 inches

**Grip Length:**

Between 2.99 inches and 3.01 inches

**Hole Quantity:**

4

**Hole Type:**

Drilled

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

16

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

180000 pounds per square inch

**Hardness Rating:**

39.0 rockwell c and 43.0 rockwell c

**Hole Configuration Style:**

Hexagon flats

**Surface Finish:**

32.0 microinches bearing surface of head

**Product Name:**

Bolt, tension, steel, external wrenching, flanged, 12-point, 180 ksi ftu, 450 degree

**Special Features:**

tensile strength is 200, 000 psi

**Material:**

Steel comp 4140 or steel comp 4340 or steel comp 8740 or steel comp 6150

**Material Specification:**

Mil-s-582 (aisi 4140) government std/spec 1st material response or mil-s-5000(aisi 4340) government std/spec 2nd material response or mil-s-6049(aisi 8740) government std/spec 3rd material response or mil-s-8503(aisi 6150) government std/spec 4th material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416, type ii, class 2 national standard single treatment response

**Thread Series Designator:**

Unjf

**Specification Data:**

80205-nas-21250 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-5826 spec.