

View Online at <https://aerobasegroup.com/nsn/5306-01-622-5591>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.528 inches

**Fastener Length:**

Between 0.888 inches and 0.918 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.250 inches and 0.265 inches

**Width Between Flats:**

Between 0.741 inches and 0.752 inches

**Grip Diameter:**

Between 0.4985 inches and 0.4995 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches and 0.116 inches all holes

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 0.365 inches and 0.385 inches

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

20

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

160000 pounds per square inch

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

0.705 inches all holes

**Surface Finish:**

32.0 microinches threads

**Product Name:**

Bolt, tension, hex head, close tolerance, alloy steel, short thread, reduced major thread dia., self-locking and nonlocking, 160 ksi ftu

**Material:**

Steel comp 4140 or steel comp 4340 or steel comp 8740

**Material Specification:**

Ams6349 or 6382 national std/spec 1st material response or ams6415 or 6484 national std/spec 2nd material response or ams6322 national std/spec 3rd material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416, type ii, class 2; embrittlement requirement per nas4002 federal specification single treatment response

**Thread Series Designator:**

Unjf

**Specification Data:**

80205-nas6203 through 6220 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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