

View Online at <https://aerobasegroup.com/nsn/5306-01-616-9563>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.528 inches

**Fastener Length:**

Between 2.138 inches and 2.168 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

**End Application:**

Ng nav system

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.615 inches and 1.635 inches

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

20

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

160000 pounds per square inch

**Surface Finish:**

32.0 microinches threads

**Product Name:**

Bolt, tension, hex head, close tolerance, a286 cres, short thread, reduced major diameter, self-locking and nonlocking, 160 ksi ftu

**Special Features:**

Finish is identified with green dye or paint on thread end; coverage may include the chamfer plus one incomplete thread

**Material:**

Iron alloy 660

**Material Specification:**

Ams5731, 5732, 5737 or ams5853 national std/spec single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unjf

**Specification Data:**

80205-nas6303 through 6320 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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