

View Online at <https://aerobasegroup.com/nsn/5306-01-622-9217>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.528 inches

**Fastener Length:**

Between 1.201 inches and 1.231 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 0.4990 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 0.678 inches and 0.698 inches

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

20

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

160000 pounds per square inch

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

1.018 inches all holes

**Surface Finish:**

32.0 microinches threads

**Product Name:**

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

**Material:**

Iron alloy 660

**Material Specification:**

Ams5731 national std/spec single material response or ams5732 national std/spec single material response or ams5737 national std/spec single material response or ams5853 national std/spec single material response

**Surface Treatment:**

Passivate

**Surface Treatment Specification:**

Ams2700, method i, type 2 or 8, class 1 national std/spec 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:**

A003b0