

View Online at <https://aerobasegroup.com/nsn/5306-01-612-0688>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.638 inches

**Fastener Length:**

2.730 inches

**Head Style:**

Dished 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 first hole

**End Application:**

Navair requirements

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.859 inches and 1.875 inches

**Features Provided:**

Sealing ring

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

20

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

25100 pounds per square inch

**Product Name:**

Bolt, self retaining, impedance type, nickel alloy 718

**Special Features:**

Shank double shear strength at 51800 lbs min; nickel alloy matl rated at 220 ksi

**Material:**

Stainless steel locking feature

**Material Specification:**

Ams5678 assn standard single material response locking feature

**Surface Treatment:**

Passivate

**Surface Treatment Specification:**

Ams-qq-p-35 or ams2700, method 1, cl 4 assn standard single treatment response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0