

View Online at <https://aerobasegroup.com/nsn/5305-01-383-1625>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.420 inches

**Fastener Length:**

Between 2.083 inches and 2.103 inches

**Head Style:**

Crowned hexagon

**Head Height:**

Between 0.251 inches and 0.266 inches

**Width Between Flats:**

Between 0.741 inches and 0.752 inches

**Locking Feature:**

Detent ball grip

**Grip Diameter:**

Between 0.4986 inches and 0.4991 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole and 0.116 inches first hole

**Internal Drive Style:**

Slot

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.438 inches and 1.454 inches

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

20

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

62500 pounds per square inch

**Hardness Rating:**

50.0 rockwell c locking feature and 62.0 rockwell c locking feature

**Criticality Code Justification:**

Feat

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

1.951 inches first hole and 1.971 inches first hole

**Surface Finish:**

32.0 microinches grip

**Special Features:**

Safety critical item. Apply one coat of mil-p-23377, type 1, cl 1 or 3 and two top coats of mil-c-46168, color code 33538 per fed-std-595 to top of head

**Material:**

Steel comp 631 spring or steel comp 302 spring

**Material Specification:**

Qq-s-763 federal specification all material responses locking feature

**Surface Treatment:**

Passivate

**Surface Treatment Specification:**

Qq-p-35 federal specification single treatment response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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