

View Online at <https://aerobasegroup.com/nsn/5306-01-500-4533>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

0.500 inches

**Fastener Length:**

3.125 inches

**Head Style:**

Hexagon

**Head Height:**

0.250 inches

**Width Between Flats:**

0.625 inches

**Shoulder Diameter:**

0.279 inches first shoulder and 0.280 inches first shoulder

**Shoulder Length:**

2.625 inches first shoulder

**End Application:**

W/s; ssn 688 class submarine

**Thread Diameter:**

0.250 inches

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

20

**Shoulder Shape:**

Round first shoulder

**Special Features:**

Fastener is undercut 0.062 inches to root diameter of thread between shoulder end and thread beginning

**Material:**

Nickel alloy 502

**Material Specification:**

Qq-n-286, cl a federal specification single material response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0