

View Online at <https://aerobasegroup.com/nsn/5310-00-001-1847>

**Thread Class:**

3b

**Thread Direction:**

Right-hand

**Nut Style:**

Slotted, hexagon

**Nut Height:**

0.562 inches

**Width Across Flats:**

Between 0.738 inches and 0.752 inches

**Thread Series:**

Unf

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

20

**Thread Size:**

0.500 inches

**Criticality Code Justification:**

Spcl

**Bearing Surface Type:**

Washer faced

**Special Features:**

Material per mil-s-5000 or mil-s-6049; nut has rockwell hardness of c34-c39 in accordance with mil-h-6875 class a; 100% magnetic particle inspection per mil-i-6868 performed by both cir. And long. Method, the wet or dry process with either fluor. Or non-fluor. Shall be used, no cracks allowed; nuts finished per qq-p-416 type ii cl 3; baked at 375 degrees f for 23 hours after plating; embrittlement test per qq-p-416 does not apply; surface finished shall be 125 unless otherwise specified

**Material:**

Steel

**Surface Treatment:**

Cadmium

**Special Test Features:**

Items are being coded as critical to insure source inspection will be performed at the point of manufacture, prior to material receipt by the us navy or other dod components. These items are piece parts or end items in support of vital military hardware necessary to sustain the successful mission of the ships, submarines, and shore stations of the us navy. Critical features including, but not limited to, dimensions, tolerances/clearances, electronic characteristics, and metallurgical properties will bespecified for government q ar (quality assurance representatives) to insure the highest possible degree of quality and reliability of these parts being delivered under navicp contracts

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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