

View Online at <https://aerobasegroup.com/nsn/5310-00-877-5795>

**Thread Class:**

3b

**Thread Direction:**

Right-hand

**Locking Feature:**

Prevailing torque with nonmetallic insert

**Counterbore Diameter:**

0.511 inches nut and 0.551 inches nut

**Lubrication:**

Soluble lubricant

**Nut Style:**

Hexagon

**Nut Height:**

Between 0.575 inches and 0.610 inches

**End Application:**

W/s: support equipment, b-52 aircraft; support equipment, b-1 aircraft; elevators, aircraft; airborne mobile dir air spt ctl (2id), (02m jul83)(an/uyq-3a); shipboard material handling equipment (mhe); fire pumps; I.P. Compressors; close in weapon system (ciws-phalanx); aircraft (ac-130h, mc-130h, ec-130e, hc-130); hiab crane (heavy expanded mobility tactical trucks)

**Width Across Flats:**

Between 0.741 inches and 0.752 inches

**Temperature Rating:**

250.0 degrees fahrenheit

**Thread Series:**

Unf

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

20

**Thread Size:**

0.500 inches

**Countersink Angle:**

88.0 degrees nut

**Bearing Surface Type:**

Chamfered or washer faced

**Bearing Surface Finish:**

125.0 microinches

**Material:**

Steel comp 1006 nut or steel comp 1008 nut or steel comp 1009 nut or steel comp 1010 nut or steel comp 1015 nut or steel comp 1018 nut or steel comp 1035 nut or steel comp 11137 nut or steel comp 1213 nut or steel comp 12114 nut

**Surface Treatment:**

Cadmium nut and chromate nut

**Surface Treatment Specification:**

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

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

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