

View Online at <https://aerobasegroup.com/nsn/5310-00-159-9565>

**Thread Class:**

3b

**Thread Direction:**

Right-hand

**Locking Feature:**

Prevailing torque all metal design

**Washer Outside Diameter:**

1.000 inches

**Counterbore Diameter:**

0.630 inches nut and 0.640 inches nut

**Lubrication:**

Soluble lubricant

**Overall Height:**

Between 0.510 inches and 0.530 inches

**Nut Style:**

Flat with turned up edge

**Nut Counterbore Depth:**

0.082 inches nut and 0.097 inches nut

**Width Across Flats:**

Between 0.616 inches and 0.627 inches

**Thread Series:**

Unjf

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

20

**Hardness Rating:**

Between 36.0 rockwell c and 40.0 rockwell c

**Thread Size:**

0.500 inches

**Material:**

Steel comp e4340 nut or steel comp 4340 nut or steel comp 8740 nut

**Material Specification:**

Mil-s-5000 military specification 1st material response nut or mil-s-5000 military specification 2nd material response nut or mil-s-6049 military specification 3rd material response nut

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

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

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A021a0

**Mil-std (military Standard):**

Mil-s-5000 spec.