

View Online at <https://aerobasegroup.com/nsn/5306-00-416-9110>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.560 inches and 0.580 inches

**Fastener Length:**

Between 1.640 inches and 1.650 inches

**Head Style:**

Round w/wrench flats chamfered

**Head Diameter:**

0.880 inches

**Head Height:**

Between 0.450 inches and 0.460 inches

**Width Between Flats:**

0.530 inches

**First Diameter From Head:**

Between 0.5045 inches and 0.5050 inches

**Second Diameter From Head:**

0.360 inches

**Distance From Largest Bearing Surface Of Head To End Of First Diameter:**

Between 0.730 inches and 0.740 inches

**Distance From Largest Bearing Surface Of Head To End Of Second Diameter:**

Between 1.100 inches and 1.110 inches

**Thread Diameter:**

0.438 inches

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

20

**Hardness Rating:**

32.0 rockwell c and 36.0 rockwell c

**Criticality Code Justification:**

Aawc

**Externally Relieved Body Diameter Quantity:**

2

**Special Features:**

Outer edge of one wrench flat chamfered 45 degrees to a depth of 0.280 in. Min, 0.300 in. Max

**Material:**

Steel comp 8740

**Material Specification:**

Ams 6322 assn standard single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Ams 2400 assn standard single treatment response

**Test Data Document:**

81343-ams 2640 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0