

View Online at <https://aerobasegroup.com/nsn/5305-01-280-6687>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

0.130 inches

**Fastener Length:**

Between 0.688 inches and 0.692 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.218 inches and 0.226 inches

**Head Height:**

Between 0.134 inches and 0.138 inches

**First Diameter From Head:**

Between 0.125 inches and 0.130 inches

**Second Diameter From Head:**

Between 0.095 inches and 0.097 inches

**Third Diameter From Head:**

Between 0.125 inches and 0.130 inches

**Fourth Diameter From Head:**

Between 0.095 inches and 0.100 inches

**Fifth Diameter From Head:**

Between 0.158 inches and 0.164 inches

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

Between 0.243 inches and 0.252 inches

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

Between 0.261 inches and 0.272 inches

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

Between 0.293 inches and 0.302 inches

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

Between 0.458 inches and 0.462 inches

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

Between 0.518 inches and 0.522 inches

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.112 inches

**Width Across Flats:**

Between 0.141 inches and 0.143 inches

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

40

**Min. Tensile Strength (psi):**

160000 pounds per square inch

**Externally Relieved Body Diameter Quantity:**

5

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

Between 0.558 inches and 0.562 inches

**Sixth Diameter From Head:**

Between 0.070 inches and 0.075 inches

**Product Name:**

Navy special project

**Material:**

Iron alloy 660

**Material Specification:**

Ams 5731 assn standard single material response or ams 5737 assn standard single material response

**Surface Treatment:**

Passivate

**Surface Treatment Specification:**

Qq-p-35 federal specification single treatment response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0