

View Online at <https://aerobasegroup.com/nsn/5306-01-238-4497>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.878 inches

**Fastener Length:**

Between 2.863 inches and 2.893 inches

**Head Style:**

Dished hexagon

**Head Height:**

Between 0.219 inches and 0.234 inches

**Width Between Flats:**

Between 0.679 inches and 0.690 inches

**Locking Feature:**

Retainer threads

**Grip Diameter:**

Between 0.4363 inches and 0.4370 inches

**Thread Diameter:**

0.437 inches

**Grip Length:**

Between 1.990 inches and 2.010 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

48.0 rockwell c spring 35.0 rockwell c stand-off and 39.0 rockwell c stand-off

**Special Features:**

All other components passivated per qq-p-35; pins and plug cres 303 cond a or b per astm a581; point diameter 0.369-0.372, 0.402-0.412 lg

**Material:**

Steel comp 631 spring steel comp 630 stand-off steel comp e4340 fastener or steel comp 4140 fastener or steel comp 8740 fastener or steel comp 8735 fastener or steel comp 6150 fastener

**Material Specification:**

Ams 5673 assn standard single material response springams 5643 assn standard single material response stand-off mil-s-5000 military specification 1st material response fastener or mil-s-5626 military specification 2nd material response fastener or mil-s-6049 military specification 3rd material response fastener or mil-s-6098 military specification 4th material response fastener or mil-s-8503 military specification 5th material response fastener

**Surface Treatment:**

Passivate spring passivate stand-off cadmium fastener and chromate fastener

**Surface Treatment Specification:**

Qq-p-35 federal specification single treatment response spring qq-p-35 federal specification single treatment response stand-off qq-p-416 type 2 cl 3 federal specification single treatment response fastener

**Thread Series Designator:**

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5000 spec.