

View Online at <https://aerobasegroup.com/nsn/5306-01-270-0938>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.441 inches and 0.501 inches

**Fastener Length:**

Between 2.988 inches and 3.018 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

**Grip Diameter:**

Between 0.4363 inches and 0.4370 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole and 0.116 inches first hole

**Thread Diameter:**

0.437 inches

**Grip Length:**

Between 2.115 inches and 2.135 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c fastener and 40.0 rockwell c fastener

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

2.446 inches first hole and 2.506 inches first hole

**Surface Finish:**

63.0 microinches bearing surface of head

**Special Features:**

Assembly area extended at threaded end; 0.402 in. Min and 0.412 in. Maximum length 0.369 in. Min and 0.372 in. Maximum dia; assembly contains retainer pawl, matt cres per ams 5643, rockwell hardness 35.0 min and 39.0 max; finish blast per bac 5951, passivate per qq-p-35, dry film lube per mil-l-8937; spring matt cres per ams 5673, rockwell hardness 48.0 min, finish passivate per qq-p-35; pin and plugs matt 303 cres per astm a582, finish passivate per qq-p-35

**Material:**

Steel comp e4340 fastener or steel comp 4140 fastener or steel comp 8740 fastener or steel comp 8735 fastener or steel comp 6150 fastener

**Surface Treatment:**

Cadmium fastener and chromate fastener

**Surface Treatment Specification:**

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

**Thread Series Designator:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0