

View Online at <https://aerobasegroup.com/nsn/5306-01-616-5012>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.615 inches and 0.635 inches

**Fastener Length:**

Between 0.615 inches and 0.635 inches

**Head Style:**

Double hexagon w/hole

**Head Height:**

Between 0.320 inches and 0.340 inches

**Width Between Flats:**

0.3125 inches

**Extended Washer Diameter:**

Between 0.428 inches and 0.448 inches

**Extended Washer Thickness:**

Between 0.060 inches and 0.070 inches

**Hole Diameter:**

Between 0.060 inches and 0.080 inches

**End Application:**

Mk 7 mod 1 ra

**Thread Diameter:**

0.2500 inches

**Hole Quantity:**

4

**Hole Type:**

Drilled

**Features Provided:**

Dry film lubricant

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

28

**Hole Configuration Style:**

Double hexagon longitudinal hole

**Surface Finish:**

63.0 microinches bearing surface of head

**Product Name:**

Bolt, machine

**Special Features:**

Bolt is altered from ms9170-08 with solid film lubricant 5191127; lubricant applied to all surfaces except omit from threads

**Material:**

Steel comp 8740

**Material Specification:**

Ams6322 national std/spec single material response

**Surface Treatment:**

Oxide

**Surface Treatment Specification:**

Black oxide per ams2485 national std/spec single treatment response

**Thread Series Designator:**

Unf

**Specification Data:**

81343-sae as91701 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0