

View Online at <https://aerobasegroup.com/nsn/5306-01-618-6781>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.960 inches

**Fastener Length:**

Between 1.435 inches and 1.465 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.188 inches and 0.203 inches

**Width Between Flats:**

Between 0.554 inches and 0.564 inches

**Hole Diameter:**

Between 0.070 inches and 0.080 inches

**Grip Diameter:**

Between 0.3735 inches and 0.3745 inches

**End Application:**

Model code for the v-22 aircraft

**Thread Diameter:**

0.375 inches

**Grip Length:**

Between 0.365 inches and 0.385 inches

**Hole Quantity:**

3

**Hole Type:**

Drilled

**Features Provided:**

Dry film lubricant

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

24

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

260000 pounds per square inch

**Hole Configuration Style:**

Hexagon corners

**Chamfer Angle:**

Between 10.0 degrees and 20.0 degrees

**Product Name:**

Bolt, hex head, special thread lengths, cobalt-nickel alloy mp35n, 260 ksi ftu, (mast nut applications)

**Special Features:**

This bolt intended to be used for purpose of providing preload in conjunction with a mast nut in rotor systems should not be used in standard shear/tension applications; see drawing for thread and pitch details

**Material:**

Cobalt comp mp-35-n

**Material Specification:**

Ams5844 (uns r30035) assn standard single material response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0