

View Online at <https://aerobasegroup.com/nsn/5306-01-179-0902>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

1.000 inches

Fastener Length:

2.312 inches

Head Style:

Double hexagon

Head Height:

Between 0.378 inches and 0.398 inches

Width Between Flats:

Between 0.430 inches and 0.439 inches

Grip Diameter:

Between 0.343 inches and 0.353 inches

Thread Diameter:

0.375 inches

Grip Length:

1.313 inches

Thready Qty Per Inch (tpi):

24

Min. Tensile Strength (psi):

280000 pounds per square inch

Product Name:

Bolt, double hexagon, tension, 280, 000 psi tensile strength, 450 degrees f

Special Features:

Vacuum cadmium plated; heat treat 280, 000 psi ultimate tensile strength, rc52 for maraging, rc53 for aermet; magnetic particle inspect 100 percent per astm e 1444; undrilled head; head of bolt to be forged; thread shall be rolled after heat treatment; fatigue, tension-tension fatigue loads, high loads equals 11, 800 lbs, low load equals 1, 180 lbs; high fatigue strength based on 48percent of min. Tensile strength and 10 percent of high tensile strength

Material:

Steel comp 305

Material Specification:

Ams5514 assn standard single material response or ams6532 assn standard single material response

Surface Treatment:

Cadmium

Surface Treatment Specification:

Mil-c-6887, ty2, cl2 military specification single treatment response

Thread Series Designator:

Unf

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A003b0

Mil-std (military Standard):

Mil-c-6887 spec.