

View Online at <https://aerobasegroup.com/nsn/5306-01-642-7983>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

0.813 inches

Fastener Length:

Between 2.3605 inches and 2.3905 inches

Head Style:

Double hexagon extended washer

Head Height:

Between 0.420 inches and 0.440 inches

Width Between Flats:

Between 0.637 inches and 0.651 inches

Extended Washer Diameter:

Between 0.818 inches and 0.828 inches

Extended Washer Thickness:

Between 0.113 inches and 0.133 inches

Grip Diameter:

Between 0.4981 inches and 0.4995 inches

Single Shear Strength:

125000 pounds per square inch

Thread Diameter:

0.500 inches

Grip Length:

Between 1.5525 inches and 1.5725 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

220000 pounds per square inch

Surface Finish:

32.0 microinches threads

Product Name:

Bolt, 12 point head, 220 ksi min tensile, 125 ksi min shear, nickel alloy 71 (and oversize)

Special Features:

Fatigue low load is 1960 and fatigue high load is 19600; service temperature is 350 degrees f; head to be marked with part number configuration iaw bacb30us standard

Color:

Black threads

Material:

Nickel alloy 718

Material Specification:

Ams5662 or 5962 national standard single material response

Surface Treatment:

Aluminum

Surface Treatment Specification:

Aluminum pigmented coating iaw bms10-85, type i mfr ref single treatment response

Thread Series Designator:

Unjf

Specification Data:

81205-bacb30us manufacturers standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A003b0