

View Online at <https://aerobasegroup.com/nsn/5305-01-614-8507>

Thread Class:

2a

Thread Direction:

Right-hand

Thread Length:

Between 0.490 inches and 0.590 inches

Fastener Length:

Between 1.090 inches and 1.110 inches

Head Style:

Hexagon

Bottom Countersink Diameter:

Between 0.050 inches and 0.060 inches

Handle Length:

Between 0.470 inches and 0.490 inches

Handle Diameter:

Between 0.548 inches and 0.550 inches

Head Height:

Between 0.320 inches and 0.330 inches

Width Between Flats:

Between 0.740 inches and 0.750 inches

Shoulder Diameter:

0.548 inches and 0.550 inches all shoulders

Shoulder Length:

0.490 inches and 0.590 inches all shoulders

End Application:

Howitzer, light towed, 105mm, m119a1

Width Across Flats:

Between 0.180 inches and 0.181 inches

Thready Qty Per Inch (tpi):

13

Min. Tensile Strength (psi):

125 pounds per square inch

Hardness Rating:

36.0 rockwell c

Minimum Yield Strength:

109 pounds per square inch

External Thread Tolerance Class:

2a

Shoulder Shape:

Round all shoulders

Product Name:

Bolt, shoulder

Special Features:

Drive hole is head 0.180-0.181 min-max diameter inch

Material:

Steel

Material Specification:

Astm a354, grade bc assn standard single material response or astm a322 assn standard single material response or astm a108 assn standard single material response

Surface Treatment:

Paint

Surface Treatment Specification:

Mil-std-171 military standard single treatment response

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-std-171 spec.