

View Online at <https://aerobasegroup.com/nsn/5305-00-820-7037>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

Between 0.655 inches and 0.822 inches

Fastener Length:

Between 1.765 inches and 1.812 inches

Head Style:

Flat countersunk

Head Diameter:

Between 1.007 inches and 1.014 inches

Shoulder Diameter:

0.514 inches first shoulder and 0.515 inches first shoulder

Shoulder Length:

0.780 inches first shoulder and 0.803 inches first shoulder

Internal Drive Style:

High-torque

Thread Diameter:

0.500 inches

Thready Qty Per Inch (tpi):

20

Min. Tensile Strength (psi):

160000 pounds per square inch

Hardness Rating:

36.0 rockwell c and 40.0 rockwell c

Countersink Angle:

100.0 degrees

Shoulder Shape:

Round first shoulder

Material:

Steel comp e4340 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4140

Material Specification:

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or mil-s-6098 military specification 3rd material response or mil-s-8503 military specification 4th material response or mil-s-5626 military specification 5th material response

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification all treatment responses

Thread Series Designator:

Unf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.