

View Online at <https://aerobasegroup.com/nsn/5305-01-091-6906>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

Between 0.720 inches and 0.750 inches

Fastener Length:

Between 1.225 inches and 1.245 inches

Head Style:

Flat chamfer

Head Diameter:

Between 0.853 inches and 0.875 inches

Head Height:

Between 0.365 inches and 0.375 inches

Shoulder Diameter:

0.621 inches first shoulder and 0.623 inches first shoulder

Shoulder Length:

0.495 inches first shoulder and 0.505 inches first shoulder

Single Shear Strength:

84000 pounds per square inch

Internal Drive Style:

Hexagon

Thread Diameter:

0.500 inches

Width Across Flats:

0.312 inches

Thready Qty Per Inch (tpi):

13

Min. Tensile Strength (psi):

140000 pounds per square inch

Hardness Rating:

32.0 rockwell c and 43.0 rockwell c

Shoulder Shape:

Round first shoulder

Material:

Steel comp 4037 or steel comp 4137 or steel comp 8630 or steel comp 8740 or steel comp 4140

Material Specification:

66 federal standard all material responses

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

Qq-p-416 type 2 cl 3 federal specification single treatment response

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A003b0