

View Online at <https://aerobasegroup.com/nsn/5305-00-850-5301>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

Between 0.371 inches and 0.509 inches

Fastener Length:

Between 1.640 inches and 1.687 inches

Head Style:

Flat countersunk

Head Diameter:

Between 0.502 inches and 0.507 inches

Shoulder Diameter:

0.264 inches first shoulder and 0.265 inches first shoulder

Shoulder Length:

1.076 inches first shoulder and 1.098 inches first shoulder

Internal Drive Style:

High-torque

Thread Diameter:

0.250 inches

Thready Qty Per Inch (tpi):

28

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 4340 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4140 or steel comp 4037 or steel comp 4130

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

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

Thread Series Designator:

Unf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A003b0