

View Online at <https://aerobasegroup.com/nsn/5310-01-309-7069>

Thread Class:

3b

Thread Direction:

Right-hand

Locking Feature:

Prevailing torque all metal design

Counterbore Diameter:

0.168 inches base

Lubrication:

Soluble lubricant

Mounting Hole Diameter:

Between 0.098 inches and 0.103 inches

Nut Style:

Plate

Nut Length:

0.948 inches

Nut Height:

0.250 inches

Plate Thickness:

0.047 inches

Plate Width:

0.297 inches

Nut Counterbore Depth:

0.062 inches base

Nut Mounting Provision:

Straight holes

Mounting Hole Arrangement Style:

2 holes

Distance From Aperture Center To Mounting Hole Center:

Between 0.339 inches and 0.349 inches

Center To Center Distance Between Mounting Holes Along Length:

Between 0.686 inches and 0.690 inches

Temperature Rating:

450.0 degrees fahrenheit

Thread Series:

Unjc

Features Provided:

Floating nut

Thready Qty Per Inch (tpi):

32

Hardness Rating:

49.0 rockwell c

Thread Size:

0.164 inches

Special Features:

Similar to ms21047-08, with base curved 1.500 in. Radius concave to nut side; nut tensile strength 125, 000 psi; lg dim. Meas before forming curve in base; base flat lg does not exceed nut od

Material:

Steel

Material Specification:

Mil-n-25027 military specification single material response

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

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

Supplementary Features:

Enditem c-5b acft

Test Data Document:

81349-mil-n-25027 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A021a0

Mil-std (military Standard):

Mil-n-25027 spec.