

View Online at <https://aerobasegroup.com/nsn/5305-01-099-8974>

Thread Class:

3a

Thread Direction:

Right-hand

Thread Length:

1.250 inches

Fastener Length:

2.250 inches

Head Style:

Hexagon

Head Height:

Between 0.302 inches and 0.323 inches

Width Between Flats:

Between 0.736 inches and 0.750 inches

Thread Diameter:

0.500 inches

Thready Qty Per Inch (tpi):

13

Min. Tensile Strength (psi):

120000 pounds per square inch

Hardness Rating:

23.0 rockwell c and 34.0 rockwell c

Minimum Yield Strength:

90000 pounds per square inch

Material:

Steel comp 1013 or steel comp 1015 or steel comp 1016 or steel comp 1017 or steel comp 1018 or steel comp 1019 or steel comp 1020 or steel comp 1021 or steel comp 1022 or steel comp 1023 or steel comp 1524 or steel comp 1025 or steel comp 1026 or steel comp 1527 or steel comp 1029 or steel comp 1030 or steel comp 1033 or steel comp 1034 or steel comp 1035 or steel comp 1536 or steel comp 1037 or steel comp 1038 or steel comp 1039 or steel comp 1040 or steel comp 1541

Material Specification:

66 federal standard all material responses

Surface Treatment:

Zinc and chromate

Surface Treatment Specification:

Astm b633 type 2 cl fe/zn 13 assn standard single treatment response

Thread Series Designator:

Unc

Specification Or Standard:

1 type and 5 grade

Departure From Cited Document:

As modified by surface treatment

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A003b0

Mil-std (military Standard):

Mil-dtl-1222j spec.