NSN 5306-00-224-0069

Threads Per Inch:

Internally Relieved Body Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-00-224-0069

32 counterbore
Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.470 inches
Fastener Length:
1.500 inches
Head Style:
Hexagon
Head Height:
0.200 inches
Width Between Flats:
Between 0.619 inches and 0.625 inches
Shoulder Diameter:
Between 0.4371 inches and 0.4373 inches
Shoulder Length:
1.030 inches
Shank Unthreaded Hole Diameter:
0.096 inches first hole
Concentric Hole Depth:
Between 0.460 inches and 0.520 inches
Concentric Hole Diameter:
Between 0.1300 inches and 0.1389 inches
Internal Thread Length:
0.260 inches counterbore
Thread Diameter:
0.375 inches
Thread Series:
Unc counterbore
Internal Thread Direction:
Right-hand counterbore
Thready Qty Per Inch (tpi):
24
Min. Tensile Strength (psi):
180000 pounds per square inch
Hardness Rating:
39.0 rockwell c and 43.0 rockwell c
Thread Size:
0.164 inches counterbore

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Criticality Code Justification:
Aavh
Distance From Head Largest Bearing Surface To Shank Hole Center:
1.320 inches first hole
nternal Thread Class:
3b counterbore
Material:
Steel comp 4130
Material Specification:
Mil-s-6758 military specification single material response
Surface Treatment:
Cadmium head
Surface Treatment Specification:
Cva5-5, type 11b fscm 80378 mfr ref single treatment response grip
Style Designator:
Counterbore threaded
Test Data Document:
31349-mil-i-6868 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.).
Thread Series Designator:
Jnf
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No
Filg:
A003b0
Mil-std (military Standard):
Mil-s-6758 spec.