NSN 5306-00-180-2705

Machine Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-00-180-2705

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.469 inches
Fastener Length:
2.281 inches
Head Style:
Hexagon
Head Height:
Between 0.140 inches and 0.172 inches
Width Between Flats:
Between 0.428 inches and 0.440 inches
Hole Diameter:
0.046 inches
Shank Unthreaded Hole Diameter:
0.076 inches first hole
Thread Diameter:
0.250 inches
Grip Length:
1.812 inches
Hole Quantity:
1
Hole Type:
Drilled
Features Provided:
Finished head
Thready Qty Per Inch (tpi):
28
Min. Tensile Strength (psi):
125000 pounds per square inch
Hardness Rating:
26.0 rockwell c and 32.0 rockwell c
Hole Configuration Style:
Hexagon flats
Distance From Head Largest Bearing Surface To Shank Hole Center:
2.124 inches first hole
Material:
Steel comp 4037 or steel comp 4130 or steel comp 8630 or steel comp 8735 or steel comp 8740 or steel comp 4140
Material Specification:

Mil-b-6812 military specification all material responses

NSN 5306-00-180-2705

Machine Bolt - Page 2 of 2

Mil-std (military Standard):

Mil-b-6812 spec.



Surface Treatment:
Cadmium and chromate
Surface Treatment Specification:
Qq-p-416 type 2 cl 3 federal specification all treatment responses
Thread Series Designator:
Unf
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A003b0