NSN 3020-00-038-1080

Spur Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-038-1080

Body Style:
Webbed, solid
Attachment Method:
Mounting hole
Pitch Diameter:
Between 3.0270 inches and 3.0370 inches
Teeth Quantity:
43
Bore Style:
W/counterbore counter bore, second end
Backlash Designation:
Grade a
Hardness Rating:
81.0 rockwell c and 85.0 rockwell c teeth
Mounting Hole Type And Quantity:
2 plain transversely through hub, first end
Outside Diameter:
3.359 inches
Tooth Form:
Standard
Pressure Angle:
22.5000 degrees
Distance Between Body Face And Protruding Hub End:
1.480 inches first end
Body Recess Depth:
0.200 inches second end
Face Width:
0.320 inches
Bore Diameter:
0.310 inches counter bore, second end
Counterbore Depth:
1.185 inches counter bore, second end
Counterbore Diameter:
0.500 inches counter bore, second end
Hub Style Designator:
2 steps first end
End Length:
0.130 inches first end
Precision Classification:
Quality number 8
End Diameter:
0.500 inches first end

NSN 3020-00-038-1080 Spur Gear - Page 2 of 2



First Step Length:
1.000 inches first end
First Step Diameter:
0.669 inches first end
Second Step Length:
0.490 inches first end
Second Step Diameter:
0.810 inches first end
Mounting Hole Diameter:
0.096 inches transversely through hub, first end
Material:
Steel comp e9310
Material Specification:
Ams6260 assn standard single material response
Style Designator:
Protruding hub, recessed body
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A27300