NSN 3020-00-517-2871

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-517-2871

Body Style:
Plain, solid
Attachment Method:
Mounting hole
Pitch Diameter:
3.3250 inches
Teeth Quantity:
96
Bore Style:
Plain counter bore, second end
Mounting Hole Type And Quantity:
6 plain axially through body, first end
Outside Diameter:
3.3870 inches
Teeth Type:
Single helix
Tooth Form:
Standard
Tooth Direction:
Right
Pressure Angle:
14.5000 degrees
Helix Angle:
23.5498 radians
Distance Between Body Face And Protruding Hub End:
0.437 inches first end
Face Width:
0.187 inches
Bore Diameter:
0.7180 inches counter bore, second end
Counterbore Depth:
0.0620 inches counter bore, second end
Counterbore Diameter:
2.9370 inches counter bore, second end
Hub Style Designator:
Plain second end
Hub Diameter:
3.125 inches second end
End Length:
0.0312 inches first end
End Diameter:

0.5940 inches first end

NSN 3020-00-517-2871 Helical Gear - Page 2 of 2



First Step Length:
0.4058 inches first end
First Step Diameter:
0.7499 inches first end
Mounting Hole Diameter:
0.1850 inches axially through body, first end
Bolt Hole Circle Diameter:
2.437 inches axially through body, first end
Material:
Steel comp 416
Material Specification:
66 federal standard single material response
Style Designator:
Protruding hubs
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A 27200