NSN 3020-00-853-4758

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-853-4758

Body Style:
Webbed, offset, with lightening holes
Pitch Diameter:
6.6251 inches
Teeth Quantity:
50
Bore Style:
10a w/ keyway both ends
Hardness Rating:
22.8 rockwell c and 29.8 rockwell c
Outside Diameter:
6.873 inches
Teeth Type:
Single helix
Tooth Form:
Standard
Tooth Direction:
Right
Pressure Angle:
20.0000 degrees
Helix Angle:
19.3718 degrees
Distance Between Body Face And Protruding Hub End:
0.063 inches first end
Face Width:
1.125 inches
Bore Diameter:
1.313 inches both ends
Keyway Width:
0.252 inches both ends
Distance From Bore Center To Keyway Bottom:
0.829 inches both ends
Hub Style Designator:
Plain second end
Hub Diameter:
2.125 inches second end
End Length:
0.250 inches first end
End Diameter:
1.813 inches first end
First Step Length:
0.813 inches first end

NSN 3020-00-853-4758

Helical Gear - Page 2 of 2

Fiig: A27300



First Step Diameter:
2.125 inches first end
Special Features:
Letter f stamped on center on tooth face side 75 degrees 27 sec cw from center line of keyway
Material:
Steel comp 1035
Material Specification:
66 federal standard single material response and aisi/sae 1035 assn standard single material response
Style Designator:
Cone shape body, protruding hubs
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No