NSN 3020-00-245-8317

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-245-8317

Body Style:
Webbed, with lightening holes
Attachment Method:
Mounting hole
Pitch Diameter:
16.4000 inches
Teeth Quantity:
82
Bore Style:
W/ keyway both ends
Mounting Hole Thread Series Designator:
Unc transversely through hub, first end
Mounting Hole Thready Qty Per Inch (tpi):
13 transversely through hub, first end
Hardness Rating:
92.0 rockwell b
Mounting Hole Thread Size:
0.500 inches transversely through hub, first end
Mounting Hole Type And Quantity:
1 threaded transversely through hub, first end
Outside Diameter:
16.6830 inches
Teeth Type:
Single helix
Tooth Form:
Standard
Tooth Direction:
Right
Pressure Angle:
20.0000 degrees
Helix Angle:
14.9167 degrees
Distance Between Body Face And Recessed Hub End:
0.257 inches both ends
Face Width:
3.000 inches
Bore Diameter:
3.000 inches both ends
Keyway Width:
0.749 inches both ends

1.7135 inches both ends

Distance From Bore Center To Keyway Bottom:

NSN 3020-00-245-8317 Helical Gear - Page 2 of 2



Hub Style Designator:
Plain second end
Hub Diameter:
4.500 inches second end
First Groove Width:
0.125 inches first end
First Groove Diameter:
4.250 inches first end
Distance From End To First Groove:
0.375 inches first end
Special Features:
Bore chamfered both ends 1/16 in. By 45 deg
Material:
Steel
Material Specification:
Mil-s-890, alloy no. 3 military specification single material response
Style Designator:
Recessed hubs
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Demilitarization: No
No
No Fiig: