NSN 3020-00-517-2912

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-517-2912

Body Style:
Plain, solid
Pitch Diameter:
2.7220 inches
Teeth Quantity:
27
Bore Style:
Tapered w/keyway both ends
Features Provided:
Tapered keyway
Hardness Rating:
335.0 brinell standard and 375.0 brinell standard
Outside Diameter:
2.8940 inches
Teeth Type:
Single helix
Tooth Form:
Standard
Tooth Direction:
Right
Pressure Angle:
14.5000 degrees
Helix Angle:
30.0483 degrees
Distance Between Body Face And Protruding Hub End:
0.281 inches first end
Face Width:
1.250 inches
Keyway Width:
0.3130 inches both ends
Distance From Bore Center To Keyway Bottom:
0.8732 inches first end
Taper Major Diameter:
1.3700 inches first end
Counterbore Diameter:
2.1880 inches second end
Hub Style Designator:
Plain first end
Hub Diameter:
2.250 inches first end
Special Features:
Second end countebored: 2 1880 in Dia: 0 3750 in Dn

NSN 3020-00-517-2912

Helical Gear - Page 2 of 2

Material:

Mil-s-890 spec.



Steel
Material Specification:
Mil-s-890, alloy no. 1 military specification single material response
Style Designator:
Protruding hub
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A27300
Mil-std (military Standard):