## NSN 3020-00-270-3450

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-270-3450

Body Style:
Plain, solid
Attachment Method:
Mounting hole
Pitch Diameter:
Between 3.5750 inches and 3.5760 inches
Teeth Quantity:
30
Bore Style:
W/ keyway both ends
Mounting Hole Thread Series Designator:
Unc axially through body, first end
Mounting Hole Thready Qty Per Inch (tpi):
18 axially through body, first end
Hardness Rating:
26.0 rockwell c
Mounting Hole Thread Size:
0.312 inches axially through body, first end
Mounting Hole Type And Quantity:
2 threaded axially through body, first end
Outside Diameter:
3.7788 inches
Teeth Type:
Single helix
Tooth Form:
Standard
Tooth Direction:
Left
Pressure Angle:
14.5000 degrees
Helix Angle:
33.1172 degrees
Face Width:
1.248 inches
Bore Diameter:
2.248 inches both ends
Keyway Width:
0.251 inches both ends
Distance From Bore Center To Keyway Bottom:
0.251 inches both ends
Rolt Hole Circle Diameter:

Bolt Hole Circle Diameter:

2.813 inches axially through body, first end

## NSN 3020-00-270-3450

Helical Gear - Page 2 of 2

**Fiig:** A27300



Special Features:
Timing mark punched on center line of tooth and keyway
Material:
Steel comp 3140 or steel comp 4140
Style Designator:
Hubless
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No