NSN 3020-00-679-8023

Helical Gear - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/3020-00-679-8023

Body Style:

Webbed, solid

Spline Quantity:

14 both ends

Pitch Diameter:

7.0073 inches

Teeth Quantity:

80

Bore Style:

Involute spline both ends

Spline Pitch Diameter:

1.4000 inches both ends

Hardness Rating:

58.0 rockwell c teeth and 62.0 rockwell c teeth

Outside Diameter:

7.145 inches

Nominallength:

4.031 inches

Teeth Type:

Single helix

Tooth Form:

Stub

Tooth Direction:

Right

Pressure Angle:

20.0000 degrees

Helix Angle:

17.9386 degrees

Distance Between Body Face And Protruding Hub End:

1.911 inches first end

Face Width:

1.125 inches

Bore Diameter:

1.305 inches both ends

Counterbore Depth:

1.119 inches first end

Counterbore Diameter:

1.620 inches first end

Hub Style Designator:

2 steps first end

End Length:

0.625 inches first end

NSN 3020-00-679-8023

Helical Gear - Page 2 of 2

End Diameter:

1.875 inches first end

First Step Length:

0.688 inches first end

First Step Diameter:

2.001 inches first end

Second Step Length:

0.599 inches first end

Second Step Diameter:

2.375 inches first end

Material:

Steel comp 8615

Material Specification:

66 federal standard single material response

Style Designator:

Protruding hubs

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A27300

