

View Online at <https://aerobasegroup.com/nsn/3020-01-298-2673>

Spline Quantity:

15 both ends

End Application:

F-15 a/c acft

Bore Style:

Involute spline both ends

Design Type:

Spur all gears

Spline Pitch Diameter:

0.4688 inches both ends

Construction:

Solid

Hardness Rating:

30.0 rockwell c and 35.0 rockwell c

Outside Diameter:

3.686 inches first gear

Nominallength:

0.850 inches

Hub Length:

0.230 inches between first and second gear

Bore Diameter:

0.405 inches both ends

Hub Style Designator:

Plain between first and second gear

Hub Diameter:

1.950 inches between first and second gear

Precision Classification:

Quality number 8 all gears

Special Features:

H1st gear data: no. Of teeth 72; face width 0.310; pitch dia. 3.6000; pressure angle 20.0000; 2nd gear data: no. Of teeth 32; face width 0.310; pitch dia. 2.2857; pressure angle 20.0000

Material:

Steel comp 4130 or steel comp 4140

Material Specification:

Astm-a322 assn standard 1st material response or astm-a331 assn standard 2nd material response

Surface Treatment:

Phosphate

Surface Treatment Specification:

Mil-std-171 military specification single treatment response

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A270a0

Mil-std (military Standard):

Mil-std-171 spec.