

View Online at <https://aerobasegroup.com/nsn/3020-01-307-9071>

Spline Quantity:

23 both ends

End Application:

F-15 acft

Bore Style:

Involute spline both ends

Design Type:

Spur all gears

Spline Pitch Diameter:

0.7188 inches both ends

Construction:

Solid

Hardness Rating:

30.0 rockwell c and 35.0 rockwell c

Outside Diameter:

4.897 inches first gear

Nominallength:

0.950 inches

Hub Length:

0.190 inches between first and second gear

Bore Diameter:

0.622 inches both ends

Hub Style Designator:

Plain first end

Hub Diameter:

1.600 inches between first and second gear

Precision Classification:

Quality number 8 all gears

Special Features:

1st gear data: 40 teeth; pressure angle 20.0000; pitch dia. 4.6875; diametral pitch 8.5333; 2nd gear data: 20 teeth; pressure angle 20.0000; pitch dia. 2.0000; diametral pitch 10; involute spline data: pressure angle 30.0000; pitch 32/64; 6 lightening holes 1.000 dia.

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.