

View Online at <https://aerobasegroup.com/nsn/3020-01-307-9070>

End Application:

F-15 acft

Bore Style:

W/counterbore second end

Design Type:

Spur all gears

Construction:

Solid

Hardness Rating:

30.0 rockwell c and 35.0 rockwell c

Outside Diameter:

4.182 inches first gear

Nominallength:

0.700 inches

Hub Length:

0.070 inches between first and second gear

Bore Diameter:

1.125 inches both ends

Counterbore Depth:

0.060 inches second end

Counterbore Diameter:

1.870 inches second end

Hub Style Designator:

1 step between first and second gear

Hub Diameter:

2.150 inches between first and second gear

Precision Classification:

Quality number 8 all gears

Special Features:

1st gear data: 40 teeth; diametral pitch 10; pitch dia. 4.0000; pressure angle 20.0000; 2nd gear data: 30 teeth; diametral pitch 12; pitch dia. 2.5000; pressure angle 20.0000; 6 lightening holes 0.750 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.