

View Online at <https://aerobasegroup.com/nsn/3020-01-247-0563>

Spline Quantity:

10 both ends

Bore Style:

Involute spline both ends

Design Type:

Spur all gears

Spline Pitch Diameter:

0.5000 inches both ends

Construction:

Assembled

Hardness Rating:

36.0 rockwell c or 40.0 rockwell c

Outside Diameter:

4.252 inches second gear

Precision Classification:

Quality number 6 all gears

Special Features:

Spline data: base dia.=0.54127; class of fit=5; major dia.=0.713; minordia.=0.570; pin dia.=0.108; form dia.=0.692; gear a data: agma quality no.=8; teeth no.=40; diametral pitch=10.160; pressure angle=20 deg.; tooth form=involute; pitch dia.=3.937; root dia.=3696; gear b data: agma quality no.=8; teeth no.=25; diametral pitch=6.350; pressure angle=20 deg.; tooth form=involute; pitch dia.=3.937; root dia.

Material:

Aluminum alloy

Surface Treatment:

Anodize

Surface Treatment Specification:

Mil-a-8625, type iii military specification single treatment response

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A270a0

Mil-std (military Standard):

Mil-a-8625 spec.