NSN 3020-01-239-4227

View Online at https://aerobasegroup.com/nsn/3020-01-239-4227

Attachment Method:

Mounting hole

Bore Style:

Plain both ends

Design Type:

Spur all gears

Construction:

Solid

Outside Diameter:

3.169 inches second gear

Nominallength:

0.750 inches

Bore Diameter:

1.3115 inches second end

Special Features:

3 holes 0.169 in. Dia.; 1 hole 0.410 in. Dia.; heat treat to rc31-36 per mil-h-687 (140-160 ksi tensile strength); gear no. 1 data: tooth form=fulldepth, no. Of teeth=21, diametral pitch=1.2, pitch dia.=1.7500, pressure angle=20 deg., addendum=0.0833, root dia.=1.542, max. Tooth thk.=0.1289, pin dia.=0.1440, testing pressure(oz)=29-35, center distance radius=0.8739, max. Tooth-tooth composite error=0.00146, max. Total composite error=0.00351, no. Of teeth mating gear=70; gear no. 2 data: tooth form=full depth, no. Of teeth=21, diametralpitch=7.257, pitch dia.=2.8937, pressureangle=20 deg., addendum=0.1378, root dia.=2.549, max. Tooth thk.=0.2145, pin dia.=0.24686, testing pressure(oz) =33-39, max. Tooth-tooth composite error=0.00170, max. Total composite error=0.00569, no. Of teeth mating gear=28, center distance=3.3759

Material:

Steel comp 4140

Material Specification:

Mil-s-5626 military specification single material response

Surface Treatment:

Oxide

Surface Treatment Specification:

Mil-c-13924, class 1 military specification single treatment response

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A270a0

Mil-std (military Standard):

Mil-s-5626 spec.