

View Online at <https://aerobasegroup.com/nsn/3020-01-238-8338>

Body Style:

Plain, solid

Spline Quantity:

14 both ends

Pitch Diameter:

3.6000 inches

Teeth Quantity:

36

Bore Style:

Involute spline both ends

Spline Pitch Diameter:

0.5833 inches both ends

Outside Diameter:

3.800 inches

Tooth Form:

Standard

Pressure Angle:

20.0000 degrees

Distance Between Body Face And Protruding Hub End:

0.187 inches both ends

Face Width:

0.250 inches

Bore Diameter:

0.644 inches both ends

Hub Style Designator:

Plain both ends

Hub Diameter:

0.3125 inches both ends

Special Features:

Heat treat to rc31-36 per mil-h-6875, 140-160 ksi tensile strength; spline data: class of fit=5, spline pitch=24/48, pin dia.=0.072, dia. Between pins=0.4826, form dia.=0.629, tooth form=flatroot side fit involute per ansi b92.1-1970; 5 equally spaced lightening holes 0.750 in. Dia.; spur gear data: diametral pitch=10, addendum=0.1000, root dia.=3.350, max. Tooth thk.=0.15508, meas.Over pins=3.8369, pin dia.=0.1728, testing pressur (oz.)=29-35, center distanceradius=1.7988, max. Tooth-tooth composite error=0.0015, max. Total composite error=0.0041, no. Of teeth(mating gear) =45, nom. Center distance=4.050

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, black military specification single treatment response

Style Designator:

Protruding hubs

Shelf Life:

Unit Of Measure:

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Demilitarization:

No

Fiig:

A27300

Mil-std (military Standard):

Mil-s-5626 spec.