NSN 3020-01-238-8338

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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

Shalf Life.

Style Designator: Protruding hubs

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Init	<i>(</i>)+	Measure:

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Demilitarization:

No

Fiig:

A27300

Mil-std (military Standard):

Mil-s-5626 spec.