

View Online at <https://aerobasegroup.com/nsn/3020-00-565-7325>

Body Style:

Plain, solid

Pitch Diameter:

1.6000 inches

Teeth Quantity:

16

Bore Style:

Plain both ends

Backlash Designation:

Grade b

Hardness Rating:

55.0 rockwell c teeth and 60.0 rockwell c teeth

Outside Diameter:

1.738 inches

Nominallength:

1.856 inches

Teeth Type:

Straight

Pressure Angle:

20.0000 degrees and 45.0000 degrees

Distance Between Body Face And Protruding Hub End:

1.507 inches second end

Body Recess Depth:

0.0961 inches first end

Face Width:

0.370 inches

Bore Diameter:

0.625 inches both ends

Bore Depth:

1.750 inches both ends

Counterbore Depth:

0.001 inches first end

Counterbore Diameter:

0.817 inches first end

Hub Style Designator:

1 step second end

End Length:

1.312 inches second end

End Diameter:

0.998 inches second end

First Step Length:

0.194 inches second end

First Step Diameter:

1.250 inches second end

Special Features:

32 microinch aa finish on gear teeth surfaces, external involute spline on hub first step second end, 23 teeth, 0.9970 in. Min. To 1.0000 in. Max. Major dia, 0.8954 in. Min to 0.9043 in. Max minor dia, 0.9583 in. Pitch dia, 30.0 degrees pressure angle, 1.1250 in. Lg full spline, 0.9583 in. Pitch dia, 30.0deg pressure angle, 1.1250 in. Lg full spline, spline relieved to 0.7500 in. Dia. By 0.1250 in. W, gear teeth first end chamfered to 0.1414 in. By 45 deg

Material:

Steel

Material Specification:

Mil-s-13048, comp 1015, 1016, 1017, 1018, 1020, 1025 military specification single material response

Surface Treatment:

Phosphate manganese

Surface Treatment Specification:

Mil-p-16232, type m class 2 military specification single treatment response

Style Designator:

Peripheral face, back hub protruding

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A27300

Mil-std (military Standard):

Mil-s-13048 spec.