

View Online at <https://aerobasegroup.com/nsn/3020-00-475-1638>

Body Style:

Plain, solid

Pitch Diameter:

1.4000 inches

Teeth Quantity:

14

Bore Style:

Plain both ends

Backlash Designation:

Grade b

Hardness Rating:

55.0 rockwell c teeth and 60.0 rockwell c teeth

Outside Diameter:

1.607 inches

Nominallength:

0.783 inches

Teeth Type:

Straight

Pressure Angle:

20.0000 degrees

Pitch Angle:

33.6831 degrees

Distance Between Body Face And Protruding Hub End:

0.273 inches second end

Face Width:

0.370 inches

Bore Diameter:

0.501 inches both ends

Hub Style Designator:

1 step second end

End Length:

0.063 inches second end

End Diameter:

0.688 inches second end

First Step Length:

0.212 inches second end

First Step Diameter:

0.875 inches second end

Special Features:

63 microinch aa finish on hub end, bore, gear body first end and tooth surfaces, bore 1st end countersunk to 0.0312 in. By 45 deg, hub first step chamfered to 0.0312 by 45 deg

Material:

Steel

Material Specification:

Mil-s-13048, c1015 through c1025 military specification single material response

Surface Treatment:

Phosphate

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.