

View Online at <https://aerobasegroup.com/nsn/3020-00-943-5661>

**Body Style:**

Plain, with lightening holes

**End Application:**

1090-00-923-5971, armament subsystem, helicopter, 7.62 millimeter machine gun-2.75 inch rocket launcher

**Pitch Diameter:**

3.1500 inches

**Teeth Quantity:**

63

**Bore Style:**

Plain both ends

**Features Provided:**

Groove

**Hardness Rating:**

33.0 rockwell c and 38.0 rockwell c

**Outside Diameter:**

3.233 inches

**Pressure Angle:**

20.0000 degrees

**Face Width:**

2.600 inches

**Bore Diameter:**

1.813 inches both ends

**Special Features:**

Gear data: diametral pitch=20; tooth thk.=0.0725 in.; addendum=0.0417 in.; tooth form=ansi b6.7-67; meshes with 65c9752; form dia.=3.059 in.; root dia.=3.009 in.; pin dia.=0.0864 in.; measurement over pins=3.2552 in.; master gear code no. Per c11011100=20-60; center distance radius=1.5659 in.; max.Tooth to tooth error=0.0015 in.; totalcomposite tooth error=0.0030 in.; 7 holes equally spaced 0.285 in. Dia.; 1 hole 0.187 in. Dia.

**Material:**

Steel comp 4140 or steel comp 4340

**Material Specification:**

Astm a331, cold finished assn standard single material response

**Surface Treatment:**

Phosphate manganese or phosphate zinc

**Surface Treatment Specification:**

Mil-p-16232, class 1, type m orz military specification single treatment response

**Style Designator:**

Hubless

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A27300

**Mil-std (military Standard):**

Mil-p-16232 spec.