

View Online at <https://aerobasegroup.com/nsn/3020-00-563-0382>

**Body Style:**

Plain, solid

**Spline Quantity:**

35 both ends

**Attachment Method:**

Mounting hole

**Pitch Diameter:**

4.0000 inches

**Teeth Quantity:**

16

**Bore Style:**

Involute spline both ends

**Spline Pitch Diameter:**

0.7290 inches both ends

**Backlash Designation:**

Grade a

**Hardness Rating:**

45.0 rockwell c and 50.0 rockwell c teeth

**Mounting Hole Type And Quantity:**

2 plain axially through body, second end

**Outside Diameter:**

4.400 inches

**Nominallength:**

1.687 inches

**Tooth Form:**

Stub

**Pressure Angle:**

25.0000 degrees

**Distance Between Body Face And Protruding Hub End:**

1.312 inches first end

**Face Width:**

0.375 inches

**Bore Diameter:**

0.758 inches both ends

**Counterbore Depth:**

0.937 inches first end

**Counterbore Diameter:**

0.875 inches first end

**Hub Style Designator:**

Plain first end

**Hub Diameter:**

1.249 inches first end

**Mounting Hole Diameter:**

0.380 inches axially through body, second end

**Bolt Hole Circle Diameter:**

2.750 inches axially through body, first end

**Special Features:**

L63 microinch aa finish on od surface of hub, hub end chamfered to 0.0312 in. By 45 deg, splined bore countersunk to 0.0312 by 30 degrees on first end, 1 splined tooth omitted in line w/0.307 in. Hole and spur gear tooth

**Material:**

Steel

**Material Specification:**

Mil-s-13048 military specification single material response and qq-s-681 cl 105-85 federal specification single material response

**Surface Treatment:**

Phosphate manganese

**Surface Treatment Specification:**

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

**Style Designator:**

Protruding hub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A27300

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

Mil-s-13048 spec.