

View Online at <https://aerobasegroup.com/nsn/3020-00-303-5226>

**Body Style:**

Err-090

**Attachment Method:**

Mounting hole

**Pitch Diameter:**

0.5833 inches

**Teeth Quantity:**

28

**Bore Style:**

Plain first end

**Mounting Hole Thread Series Designator:**

Unc axially through hub, first end

**Mounting Hole Thready Qty Per Inch (tpi):**

32 axially through hub, first end

**Hardness Rating:**

25.0 rockwell c

**Mounting Hole Thread Size:**

0.138 inches axially through hub, first end

**Mounting Hole Type And Quantity:**

1 threaded axially through hub, first end

**Tooth Form:**

Standard

**Pressure Angle:**

14.5000 degrees

**Face Width:**

0.094 inches

**Hub Style Designator:**

1 step first end

**End Length:**

0.208 inches first end

**End Diameter:**

0.250 inches first end

**First Step Length:**

0.010 inches first end

**First Step Diameter:**

0.4375 inches first end

**Special Features:**

Zone 0.035 in. Diameter hole through gear concentric w/ centerline of teeth 0.179 in from centerline of bore; bore provision included; bore diameter 0.1719min 0.1722max in.; bore length 0.281min 0.282max in.; length 0.312min 0.313max in.; outside diameter 0.6271min 0.6301max in.; distance from first end hub end to face of gear 0.218min 0.219 maximum in.; depth from second end face of teeth to face of bore 0.03min 0.032max in.; web location on gear teeth centerline; circular pitch 0.06545 in.

**Material:**

Steel

**Material Specification:**

Qq-s-763 class 416 federal specification single material response

**Surface Treatment:**

Passivate

**Style Designator:**

One protruding hub, one recessed hub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A27300