

View Online at <https://aerobasegroup.com/nsn/3020-00-257-1505>

**Spline Major Diameter:**

0.875 inches

**Counterbore Diameter:**

0.937 inches

**Counterbore Depth:**

0.968 inches

**Outside Diameter:**

7.586 inches

**Overall Length:**

2.468 inches

**Spline Quantity:**

80

**Spline Minor Diameter:**

0.792 inches

**Pitch Diameter:**

7.175 inches

**Face Width:**

0.459 inches

**Design Form:**

Plain

**Bore Type:**

Involute spline

**Metallic Hardness Rating And Location:**

45.0 rockwell c body and 50.0 rockwell c body

**Spline Pressure Angle In Deg:**

30.0

**Spline Length:**

1.300 inches

**Counterbore Feature:**

Included

**Spline Pitch Diameter:**

0.833 inches

**Counterbore Location:**

Aa end

**Keying Facility:**

Not included

**Lightening Hole:**

Not included

**Protruding Hub Characteristic:**

Stepped

**Groove/step Location:**

Aa end

**Belt/chain/film Size For Which Designed:**

Roller chain

**Roller Chain Pitch Type For Which Designed:**

Single pitch

**Teeth Row Quantity:**

1

**Teeth Quantity Per Row:**

30

**Hardness Rating Test Method:**

Rockwell

**Teeth Hardness Rating:**

Between 200.0 brinell standard and 240.0 brinell standard

**Bore Bearing:**

Not included

**Hub External Keyway:**

Not included

**Tooth Pitch:**

0.750 inches

**Hub End Outside Diameter And Location:**

1.625 inches aa end and 1.625 inches bb end

**Distance From Outside Flange/rim To Hub End And Location:**

1.812 inches aa end and 0.094 inches bb end

**First Step Face Largest Diameter And Location:**

1.625 inches aa end

**First Step Length And Location:**

0.937 inches aa end

**Second Step Length And Location:**

0.875 inches aa end

**Hub End Outside Diameter And Location:**

1.500 inches aa end

**Distance From Outside Flange/rim To Hub End And Location:**

1.812 inches aa end

**Material:**

Steel, aisi 4140 or steel, qq-s-624, comp 4140, cond hr-canceled

**Material:**

Steel comp 4140 or steel, qq-s-624, comp 4140, cond hr-canceled

**Material Specification:**

Aisi 4140 assn standard 1st material response

**Style Designator:**

Plain

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

T353-c