

View Online at <https://aerobasegroup.com/nsn/3020-01-298-2673>

**Spline Quantity:**

15 both ends

**End Application:**

F-15 a/c acft

**Bore Style:**

Involute spline both ends

**Design Type:**

Spur all gears

**Spline Pitch Diameter:**

0.4688 inches both ends

**Construction:**

Solid

**Hardness Rating:**

30.0 rockwell c and 35.0 rockwell c

**Outside Diameter:**

3.686 inches first gear

**Nominallength:**

0.850 inches

**Hub Length:**

0.230 inches between first and second gear

**Bore Diameter:**

0.405 inches both ends

**Hub Style Designator:**

Plain between first and second gear

**Hub Diameter:**

1.950 inches between first and second gear

**Precision Classification:**

Quality number 8 all gears

**Special Features:**

H1st gear data: no. Of teeth 72; face width 0.310; pitch dia. 3.6000; pressure angle 20.0000; 2nd gear data: no. Of teeth 32; face width 0.310; pitch dia. 2.2857; pressure angle 20.0000

**Material:**

Steel comp 4130 or steel comp 4140

**Material Specification:**

Astm-a322 assn standard 1st material response or astm-a331 assn standard 2nd material response

**Surface Treatment:**

Phosphate

**Surface Treatment Specification:**

Mil-std-171 military specification single treatment response

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A270a0

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

Mil-std-171 spec.