

View Online at <https://aerobasegroup.com/nsn/3040-00-585-4012>

**End Similarity:**

Not identical

**Thread Length:**

0.938 inches second end, third portion

**Overall Length:**

12.375 inches

**Keyway Width:**

0.1875 inches second end, third portion

**Shaft Thread Size:**

1-11/64 in.-18

**Screw Thread Series Designator:**

Special second end, third portion

**Shaft Thread Direction:**

Right-hand second end, third portion

**Teeth Hardness Rating:**

Between 55.3 rockwell c and 61.8 rockwell c

**Worm Thread Quantity:**

2

**Worm Thread Lead:**

0.586 inches

**Worm Thread Direction:**

Right-hand

**Worm Pressure Angle In Deg:**

20.000

**Worm Helix Angle:**

6 degrees 30 min

**Worm Outside Diameter:**

1.805 inches

**Worm Pitch Diameter:**

1.624 inches

**Shaft Hardness Rating:**

C scale 24

**Worm Thread Section Length:**

3.000 inches

**Worm Body Length:**

3.000 inches

**Worm Body Tapered Bearing Surface End:**

Not provided

**Shaft Location:**

Both ends of worm

**Straight Unthreaded Length:**

1.625 inches second end, fifth portion

**Straight Unthreaded Section Diameter:**

1.1815 inches first end, second portion

**Unthreaded Section Keyway Width:**

0.1840 inches second end, fifth portion

**Unthreaded Section Keyway Depth:**

0.108 inches second end, fifth portion

**Material:**

Steel, mil-s-16974, grade 8620

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**Fsc Application Data:**

Steam turbine

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

T246-c