

View Online at <https://aerobasegroup.com/nsn/3040-00-385-7808>

**End Similarity:**

Not identical

**Thread Length:**

0.948 inches second end, fourth portion

**Spline Major Diameter:**

1.117 inches second end, third portion

**Overall Length:**

8.875 inches

**Keyway Width:**

0.188 inches first end, third portion

**Spline Minor Diameter:**

1.022 inches second end, third portion

**Screw Thread Series Designator:**

Uns first end, third portion

**Shaft Thread Direction:**

Right-hand second end, fourth portion

**Teeth Hardness Rating:**

Between 35.0 rockwell c and 38.0 rockwell c

**Worm Thread Quantity:**

1

**Worm Thread Lead:**

0.625 inches

**Worm Thread Direction:**

Left-hand

**Worm Pressure Angle In Deg:**

14.500

**Worm Helix Angle:**

4 degrees 33 min.

**Worm Outside Diameter:**

2.8975 inches

**Worm Pitch Diameter:**

2.500 inches

**Shaft Hardness Rating:**

Between 35.0 rockwell c and 38.0 rockwell c

**Worm Thread Section Length:**

3.188 inches

**Worm Body Length:**

3.563 inches

**Worm Body Tapered Bearing Surface End:**

Not provided

**Shaft Location:**

Both ends of worm

**Straight Unthreaded Length:**

0.719 inches second end, first portion

**Straight Unthreaded Section Diameter:**

1.1814 inches second end, second portion

**Unthreaded Section Keyway Width:**

0.1880 inches first end, second portion

**Unthreaded Section Keyway Depth:**

0.094 inches first end, second portion

**Straight Spline Length:**

1.245 inches second end, third portion

**Threaded Section Pin Hole Diameter:**

0.140 inches second end, fourth portion

**Straight Spline Quantity:**

10 either end

**Special Features:**

No. 63 finish on od of second step, on both ends, on spline and worm teeth surfaces

**Material:**

Steel

**Material:**

Steel

**Surface Treatment:**

Phosphate

**Surface Treatment:**

Phosphate

**Fsc Application Data:**

Launcher, 762-mm rocket, truck mounted, xm289

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T246-c