

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