NSN 1680-00-309-1503

Thread Class: 2b both ends

Thread Direction:

Flexible Shaft Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/1680-00-309-1503

Right-hand both ends
Spline Major Diameter:
0.299 inches second end
Overall Length:
52.255 inches
Spline Quantity:
12 both ends
Spline Minor Diameter:
0.229 inches both ends
Wrenching Facility Outside Diameter:
0.885 inches first end
Thread Depth:
0.375 inches first end
Tip Length:
0.570 inches first end
Pitch Diameter:
0.250 inches both ends
Core Material:
Steel
Screw Thread Series Designator:
Uns both ends
Core Diameter:
0.250 inches
Thread Location:
Internal both ends
End Type:
Round, internal splined both ends
Width Across Flats:
0.750 inches second end
End Connection Type:
Threaded internal both ends
Spline Pressure Angle In Deg:
20.0 first end
Spline Length:
0.315 inches first end
Spline Type:
Involute both ends
Setscrew:
Not included both ends

NSN 1680-00-309-1503Flexible Shaft Assembly - Page 2 of 2



Casing Material:
Steel
Wrenching Facility Type:
Knurled surface first end
Cross Section Size And Location:
0.470 inches diameter first end
Torsional Deflection Rating:
6 degrees ft-lb in.
Casing Length Between Ferrules:
50.130 inches
Casing Outside Diameter:
0.562 inches
Swivel End:
Not provided both ends
Enddiameter:
0.885 inches first end
Overall End Size:
Both ends: 0.875 in. W
Lubrication Fitting:
Not provided both ends
Corelength:
52.255 inches
Core Rotation Direction:
Clockwise or counterclockwise
Core Removability:
Nonremovable
Fsc Application Data:
Power unit actuator, acft
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
T246-e