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Item # 706414, TP® Lead Free Steel-Backed PTFE Lined Thrust Washers - METRIC

Isostatic TP® Thrust Washer Bearings

- Standard stock products
- Self-lubricating dry sliding bearing
- A steel-backed composite material comprised of:
  - Low carbon steel backing for extremely high load capacity - .50 – 2.7 mm thick
  - Sintered bronze offers optimal heat dispersion – .20 - .35 mm thickness and
  - PTFE – lead free sliding surface creates a low friction coefficient and allows for a wide temperature range – thickness .2 mm
- Can be used where many liquid lubricants fail; also performs well

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

Description

Detailed Description	48 MM I.D. x 74 MM O.D. x 2.0 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Thrust Washer Bearing, Metric

Specifications

Catalog Number	WM45TP
Interchange #	WC45DP4
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0796 lb
UPC Code	00846802081829

Dimensions

Nominal Inner Diameter	48 mm
Nominal Outer Diameter	74 mm
Nominal Thrust Washer Thickness	2 mm
Nominal Dowel Hole Diameter	4 mm
Nominal Dowel Hole Pitch Circle Diameter	61 mm
Nominal Housing Recess Depth	1.5 mm

Tolerances

Inner Diameter Tolerance	+.25 mm
Outside Diameter Tolerance	-.25 mm
Thrust Washer Thickness Tolerance	+.05 mm
Dowel Hole Diameter Tolerance	+.25 mm
Dowel Hole Pitch Circle Diameter Tolerance	-.24 mm
Housing Recess Depth Tolerance	+.25 mm

Performance Data

Load - P Max Value	36,250 lb/in²
Speed - V Max Value	1,900 ft²/min
Load at Speed - PV Max Value (P.S.I. / S.F.M.)	102,000