Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 706406, 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	20 MM I.D. x 36 MM O.D. x 1.5 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Thrust Washer Bearing, Metric

Specifications

Catalog Number	WM18TP
Interchange #	EGW18-E40 WC18DP4
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0163 lb
UPC Code	00846802081744

Dimensions

Nominal Inner Diameter	20 mm
Nominal Outer Diameter	36 mm
Nominal Thrust Washer Thickness	1.5 mm
Nominal Dowel Hole Diameter	3 mm
Nominal Dowel Hole Pitch Circle Diameter	28 mm
Nominal Housing Recess Depth	1.0 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