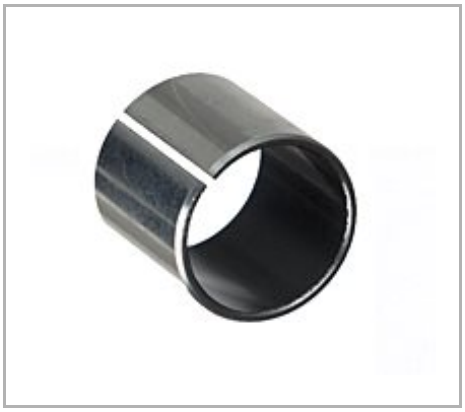
Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 705112, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - METRIC

Isostatic TP® Sleeve 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 with

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

Description

Detailed Description	45 MM I.D. x 50 MM O.D. x 50 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M4550TP
Interchange #	4550DP4 EGB4550-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.3090 lb
UPC Code	00846802080556

Dimensions

Nominal Inner Diameter	45 mm
Nominal Outer Diameter	50 mm
Nominal Length	50 mm
Recommended Shaft Size	44.950 to 44.975 mm
Recommended Housing Bore	50.000 to 50.025 mm

Tolerances

Overall Length 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