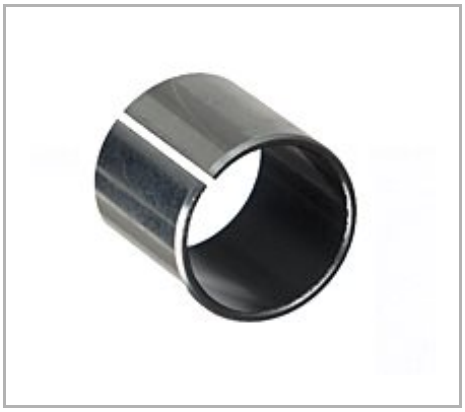
Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 701150, TU® Steel-Backed PTFE Lined Sleeve Bearings - METRIC

Isostatic TU® 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 – 2.7mm thick
  - Sintered bronze offers optimal heat dispersion –.20 - .35 mm thickness and
  - PTFE – lead 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 lubrication

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

Description

Detailed Description	85 MM I.D. x 90 MM O.D. x 100 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M85100TU
Interchange #	85100DU MB85100DU PAP 85100 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
Avg Unit Weight	1.1345 lb
UPC Code	00846802069179

Dimensions

Nominal Inner Diameter	85 mm
Nominal Outer Diameter	90 mm
Nominal Length	100 mm
Recommended Shaft Size	84.946 to 85.000 mm
Recommended Housing Bore	90.000 to 90.035 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