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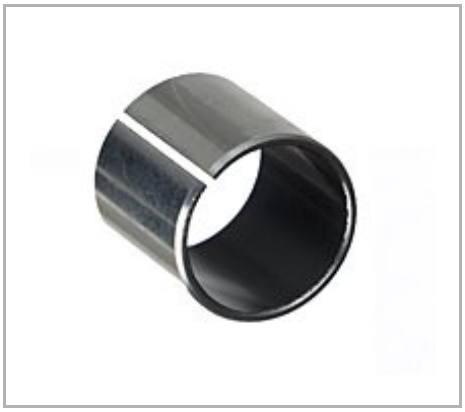
Item # 705184, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - METRIC

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	145 MM I.D. x 150 MM O.D. x 100 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M145100TP
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE
Avg Unit Weight	1.9120 lb

UPC Code	00846802081157

Dimensions

Nominal Inner Diameter	145 mm
Nominal Outer Diameter	150 mm
Nominal Length	100 mm
Recommended Shaft Size	144.937 to 145.000 mm
Recommended Housing Bore	150.000 to 150.040 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