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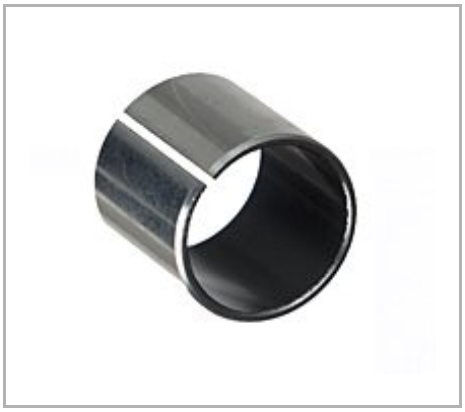
Item # 501137, TU® Steel-Backed PTFE Lined Sleeve Bearings - INCH

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	3 IN I.D. x 3.1875 IN O.D. x 3.0000 IN Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing

Specifications

Catalog Number	48TU48
Interchange #	48DU48
Unit of Measure	Each
Material	Steel-Backed PTFE Lined
Material Standard	Steel-Backed PTFE Lined

Avg Unit Weight	0.7379 lb
UPC Code	00846802054014

Dimensions

Nominal Inner Diameter	3 in
Nominal Outer Diameter	3 3/16 in
Nominal Length	3 in
Recommended Shaft Size	2.9982 to 3.0000 in
Recommended Housing Bore	3.1858 to 3.1872 in

Tolerances

Overall Length Tolerance	±.01 in

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