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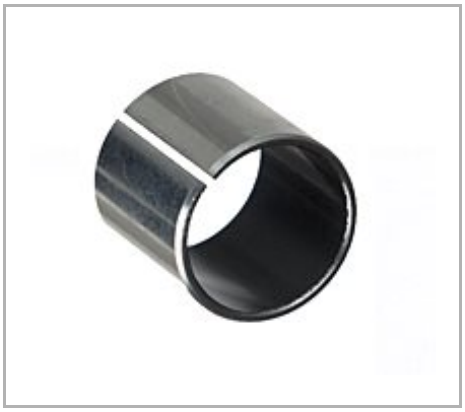
Item # 501146, TU® Steel-Backed PTFE Lined Sleeve Bearings - INCH

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	3.25 IN I.D. x 3.4375 IN O.D. x 2.5000 IN Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing

Specifications

Catalog Number	52TU40
Interchange #	52DU40
Unit of Measure	Each
Material	Steel-Backed PTFE Lined
Material Standard	Steel-Backed PTFE Lined

Avg Unit Weight	0.6592 lb
UPC Code	00846802054106

Dimensions

Nominal Inner Diameter	3 1/4 in
Nominal Outer Diameter	3 7/16 in
Nominal Length	2 1/2 in
Recommended Shaft Size	3.2480 to 3.2500 in
Recommended Housing Bore	3.4358 to 3.4372 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