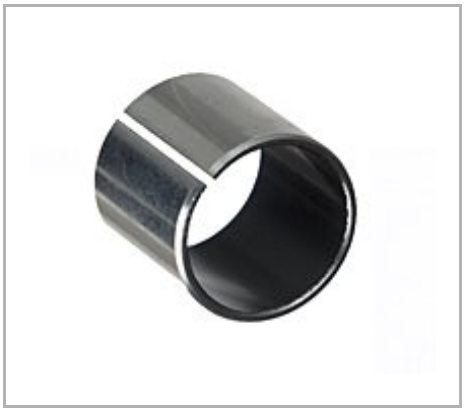
Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 501237, 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	5 IN I.D. x 5.1875 IN O.D. x 3.0000 IN Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing

Specifications

Catalog Number	80TU48
Interchange #	80DU48
Unit of Measure	Each
Material	Steel-Backed PTFE Lined
Material Standard	Steel-Backed PTFE Lined

Avg Unit Weight	1.2048 lb
UPC Code	00846802055011

Dimensions

Nominal Inner Diameter	5 in
Nominal Outer Diameter	5 3/16 in
Nominal Length	3 in
Recommended Shaft Size	4.9961 to 4.9986 in
Recommended Housing Bore	5.1844 to 5.1860 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