



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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 # 505002, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - INCH

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](#)



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Description

Detailed Description

.125 IN I.D. x .1875 IN O.D. x 0.1875 IN Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing

Specifications

Catalog Number	02TP03
Interchange #	02DP403
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0009 lb
UPC Code	00846802077044

Dimensions

Nominal Inner Diameter	1/8 in
Nominal Outer Diameter	3/16 in
Nominal Length	3/16 in
Recommended Shaft Size	.1236 to .1243 in
Recommended Housing Bore	.1873 to .1878 in

Tolerances

Overall Length Tolerance	±.01 in
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Performance Data

Load - P Max Value	36,250 lb/in ²
Speed - V Max Value	1,900 ft ² /min
Load at Speed - PV Max Value (P.S.I. / S.F.M.)	102,000