



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 505004, 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

.1563 IN I.D. x .2188 IN O.D. x 0.2500 IN Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing

Specifications

Catalog Number	025TP04
Interchange #	025DP404
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0010 lb
UPC Code	00846802077068

Dimensions

Nominal Inner Diameter	5/32 in
Nominal Outer Diameter	7/32 in
Nominal Length	1/4 in
Recommended Shaft Size	.1547 to .1554 in
Recommended Housing Bore	.2186 to .2191 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