



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 505003, 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 0.1563 IN Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing

Specifications

| | |
|--------------------------|-----------------------------|
| Catalog Number | 025TP025 |
| Interchange # | 025DP4025 |
| 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 | 00846802077051 |

Dimensions

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

Tolerances

| | |
|---------------------------------|---------|
| Overall Length Tolerance | ±.01 in |
|---------------------------------|---------|

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 |