



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 505047, 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](#)



[Description](#) | [Specifications](#) | [Dimensions](#) | [Tolerances](#) | [Performance Data](#)

Description

Detailed Description

.875 IN I.D. x 1 IN O.D. x 0.7500 IN Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing

Specifications

Catalog Number	14TP12
Interchange #	14DP412 EGBZ1412-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0377 lb
UPC Code	00846802077495

Dimensions

Nominal Inner Diameter	7/8 in
Nominal Outer Diameter	1 in
Nominal Length	3/4 in
Recommended Shaft Size	.8729 to .8741 in
Recommended Housing Bore	.9997 to 1.0005 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