



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 701109, TU® Steel-Backed PTFE Lined Sleeve Bearings - METRIC

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

45 MM I.D. x 50 MM O.D. x 30 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M4530TU
Interchange #	4530DU MB4530DU PAP 4530 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
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Avg Unit Weight	0.1851 lb
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UPC Code	00846802068769
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Dimensions

Nominal Inner Diameter	45 mm
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Nominal Outer Diameter	50 mm
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Nominal Length	30 mm
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Recommended Shaft Size	44.950 to 44.975 mm
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Recommended Housing Bore	50.000 to 50.025 mm
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Tolerances

Overall Length Tolerance	±.25 mm
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Performance Data

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