



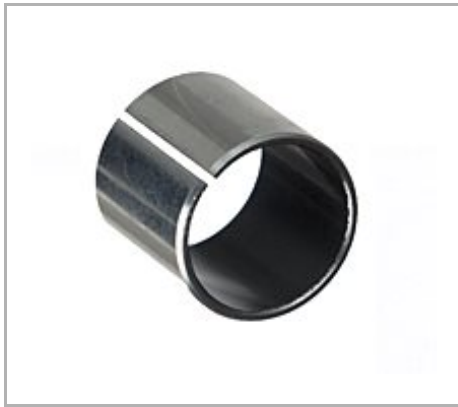
**ISOSTATIC**  
LEADERS IN BRONZE BEARINGS...and MORE

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## Item # 701152, 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



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### Description

#### Detailed Description

90 MM I.D. x 95 MM O.D. x 100 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing, Metric

### Specifications

<b>Catalog Number</b>	M90100TU
<b>Interchange #</b>	90100DU MB90100DU PAP 90100 P10
<b>Unit of Measure</b>	Each
<b>Material</b>	Steel-Backed PTFE Lined

<b>Material Standard</b>	Steel-Backed PTFE Lined
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<b>Avg Unit Weight</b>	1.2060 lb
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<b>UPC Code</b>	00846802069193
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#### Dimensions

<b>Nominal Inner Diameter</b>	90 mm
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<b>Nominal Outer Diameter</b>	95 mm
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<b>Nominal Length</b>	100 mm
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<b>Recommended Shaft Size</b>	89.946 to 90.000 mm
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<b>Recommended Housing Bore</b>	95.000 to 95.035 mm
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#### Tolerances

<b>Overall Length Tolerance</b>	±.25 mm
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#### Performance Data

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