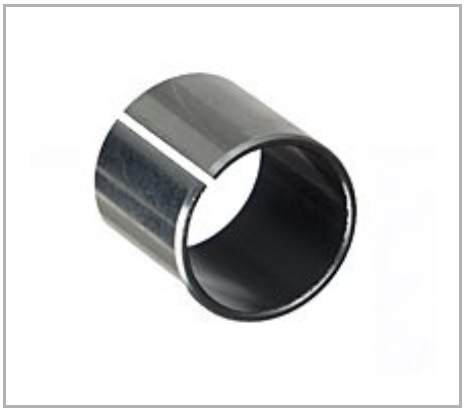
**Isostatic Industries, Inc.**
4153 North Kostner Avenue
Chicago, IL 60641
**Toll Free:** 800.621.5500
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## Item # 701090, TU® Steel-Backed PTFE Lined Sleeve Bearings - METRIC

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** | 30 MM I.D. x 34 MM O.D. x 20 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing, Metric |

### Specifications

| | |
|---|---|
| **Catalog Number** | M3020TU |
| **Interchange #** | 3020DU<br>MB3020DU<br>PAP 3020 P10 |
| **Unit of Measure** | Each |
| **Material** | Steel-Backed PTFE Lined |

| | |
|---|---|
| **Material Standard** | Steel-Backed PTFE Lined |
| **Avg Unit Weight** | 0.0649 lb |
| **UPC Code** | 00846802068578 |

## Dimensions

| | |
|---|---|
| **Nominal Inner Diameter** | 30 mm |
| **Nominal Outer Diameter** | 34 mm |
| **Nominal Length** | 20 mm |
| **Recommended Shaft Size** | 29.959 to 29.980 mm |
| **Recommended Housing Bore** | 34.000 to 34.025 mm |

## Tolerances

| | |
|---|---|
| **Overall Length Tolerance** | ±.25 mm |

## Performance Data

| | |
|---|---|
| **Load - P Max Value** | 36,250 lb/in² |
| **Speed - V Max Value** | 1,900 ft²/min |
| **Load at Speed - PV Max Value (P.S.I. / S.F.M.)** | 102,000 |