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## Item # 702410, TU® Steel-Backed PTFE Lined Thrust Washers - METRIC

Isostatic TU® Thrust Washer 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

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

### Description

| | |
|---|---|
| **Detailed Description** | 28 MM I.D. x 48 MM O.D. x 1.5 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Thrust Washer Bearing, Metric |

### Specifications

| | |
|---|---|
| **Catalog Number** | WM25TU |
| **Interchange #** | PAW 28 P10<br>WC25DU |
| **Unit of Measure** | Each |
| **Material** | Steel-Backed PTFE Lined |
| **Material Standard** | Steel-Backed PTFE Lined |

| | |
|---|---|
| **Avg Unit Weight** | 0.028 lb |
| **UPC Code** | 00846802071493 |

## Dimensions

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|---|---|
| **Nominal Inner Diameter** | 28 mm |
| **Nominal Outer Diameter** | 48 mm |
| **Nominal Thrust Washer Thickness** | 1.5 mm |
| **Nominal Dowel Hole Diameter** | 4 mm |
| **Nominal Dowel Hole Pitch Circle Diameter** | 38 mm |
| **Nominal Housing Recess Depth** | 1.0 mm |

## Tolerances

| | |
|---|---|
| **Inner Diameter Tolerance** | +.25 mm |
| **Outside Diameter Tolerance** | -.25 mm |
| **Thrust Washer Thickness Tolerance** | +.05 mm |
| **Dowel Hole Diameter Tolerance** | +.25 mm |
| **Dowel Hole Pitch Circle Diameter Tolerance** | -.24 mm |
| **Housing Recess Depth 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 |