



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 506405, TP® Lead Free Steel-Backed PTFE Lined Thrust Washers - INCH

Isostatic TP® 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 – 2.7 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

[+ more](#)



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

Description

Detailed Description

.75 IN I.D. x 1.25 IN O.D. x 0.061 IN Thickness, TP, Lead Free Steel Back, PTFE Lined Composite, Thrust Washer Bearing

Specifications

| | |
|--------------------------|-----------------------------|
| Catalog Number | W10TP |
| Interchange # | DP410 |
| Unit of Measure | Each |
| Material | Lead Free Steel-Backed PTFE |
| Material Standard | Lead Free Steel-Backed PTFE |

| | |
|------------------------|----------------|
| Avg Unit Weight | 0.0132 lb |
| UPC Code | 00846802079475 |

Dimensions

| | |
|---|----------|
| Nominal Inner Diameter | 3/4 in |
| Nominal Outer Diameter | 1 1/4 in |
| Nominal Thrust Washer Thickness | 1/16 in |
| Nominal Dowel Hole Diameter | 1/10 in |
| Nominal Dowel Hole Pitch Circle Diameter | 1 in |
| Nominal Housing Recess Depth | 1/16 in |

Tolerances

| | |
|---|------------|
| Inner Diameter Tolerance | +0.010 in |
| Outside Diameter Tolerance | -.010 in |
| Thrust Washer Thickness Tolerance | +0.0020 in |
| Dowel Hole Diameter Tolerance | +0.010 in |
| Dowel Hole Pitch Circle Diameter Tolerance | -.010 in |
| Housing Recess Depth Tolerance | +0.010 in |

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 |