



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 506407, 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

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Description

Detailed Description

.875 IN I.D. x 1.5 IN O.D. x 0.061 IN Thickness, TP, Lead Free Steel Back, PTFE Lined Composite, Thrust Washer Bearing

Specifications

Catalog Number	W12TP
Interchange #	DP412
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0187 lb
UPC Code	00846802079499

Dimensions

Nominal Inner Diameter	7/8 in
Nominal Outer Diameter	1 1/2 in
Nominal Thrust Washer Thickness	1/16 in
Nominal Dowel Hole Diameter	1/8 in
Nominal Dowel Hole Pitch Circle Diameter	1 1/5 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