



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

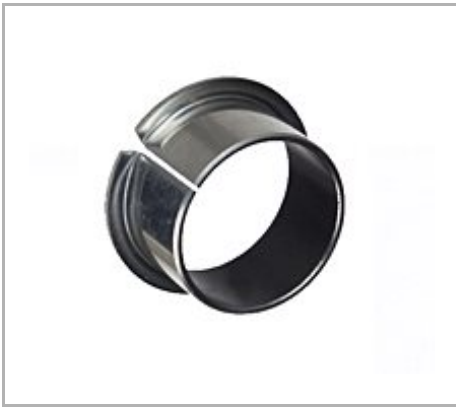
Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 702006, TU® Steel-Backed PTFE Lined Flange Bearings - METRIC

Isostatic TU® Flange 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

8 MM I.D. x 10 MM O.D. x 9.5 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM0809.5TU
Interchange #	BB0810DU FMB0809.5DU PAF 08095 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
--------------------------	-------------------------

Avg Unit Weight	0.0053 lb
------------------------	-----------

UPC Code	00846802071059
-----------------	----------------

Dimensions

Nominal Inner Diameter	8 mm
-------------------------------	------

Nominal Outer Diameter	10 mm
-------------------------------	-------

Nominal Length	10 mm
-----------------------	-------

Flange Nominal Outer Diameter	15 mm
--------------------------------------	-------

Flange Nominal Thickness	1 mm
---------------------------------	------

Recommended Housing Bore	10.000 to 10.015 mm
---------------------------------	---------------------

Recommended Shaft Size	7.972 to 7.987 mm
-------------------------------	-------------------

Tolerances

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

Flange Diameter Tolerance	±.50 mm
----------------------------------	---------

Flange Thickness Tolerance	.80 to 1.00 mm
-----------------------------------	----------------

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
---	---------