



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 # 701119, 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

55 MM I.D. x 60 MM O.D. x 20 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M5520TU
Interchange #	5520DU MB5520DU PAP 5520 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

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

Avg Unit Weight	0.1532 lb
-----------------	-----------

UPC Code	00846802068868
----------	----------------

Dimensions

Nominal Inner Diameter	55 mm
------------------------	-------

Nominal Outer Diameter	60 mm
------------------------	-------

Nominal Length	20 mm
----------------	-------

Recommended Shaft Size	54.940 to 54.970 mm
------------------------	---------------------

Recommended Housing Bore	60.000 to 60.030 mm
--------------------------	---------------------

Tolerances

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