



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 # 301036, Oilube® Powdered Metal Bronze SAE841 Sleeve Bearings / Bushings - INCH

Isostatic Oilube® Bearings / Bushings

- Standard stock products
- SAE 841-copper (87-90%), tin (8-9), carbon, other elements
- Powdered metal bronze providing interconnected reservoirs for oil
- Vacuum impregnated with SAE 30 oil during the manufacturing process (approx. 19% by vol.)
- Self-lubricating – when in motion oil rises to the surface for lubrication and restores itself when at rest
- Ideal for heavy loads at moderate speeds or light loads at high speeds – max Pv 50,000, P-Load 2,000, V-SFM-1,200
-

[+ more](#)



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

Description

Detailed Description

.252 IN I.D. X .502 IN O.D. X 1/2 IN Length, SAE 841 Powdered Metal Bronze, Sleeve Bearing

Specifications

Catalog Number	B-48-4
Interchange #	B48-4
Unit of Measure	Each
Material	Powdered Metal / Oil Impregnated Bronze
Material Standard	SAE 841

Avg Unit Weight	0.0175 lb
------------------------	-----------

UPC Code	00846802037505
-----------------	----------------

Dimensions

Nominal Inner Diameter	1/4 in
-------------------------------	--------

Nominal Outer Diameter	1/2 in
-------------------------------	--------

Nominal Length	1/2 in
-----------------------	--------

Tolerances

Inner Diameter Tolerance	+ .000 - .001 in
---------------------------------	------------------

Outside Diameter Tolerance	+ .000 - .001 in
-----------------------------------	------------------

Overall Length Tolerance	± .005 in
---------------------------------	-----------

Performance Data

Load - P Max Value	2,000 lb/in ²
---------------------------	--------------------------

Speed - V Max Value	1,200 ft ² /min
----------------------------	----------------------------

Load at Speed - PV Max Value (P.S.I. / S.F.M.)	50,000
---	--------