



**ISOSTATIC**  
LEADERS IN BRONZE BEARINGS...and MORE

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## Item # 401109, 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
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#### Description

##### Detailed Description

.44 IN I.D. X .565 IN O.D. X 1 IN Length, SAE 841 Powdered Metal Bronze, Sleeve Bearing

#### Specifications

|                          |                                         |
|--------------------------|-----------------------------------------|
| <b>Catalog Number</b>    | SS-1418-16                              |
| <b>Interchange #</b>     | SS1418-16                               |
| <b>Unit of Measure</b>   | Each                                    |
| <b>Material</b>          | Powdered Metal / Oil Impregnated Bronze |
| <b>Material Standard</b> | SAE 841                                 |

|                        |                |
|------------------------|----------------|
| <b>Avg Unit Weight</b> | 0.0236 lb      |
| <b>UPC Code</b>        | 00846802044046 |

## Dimensions

|                               |         |
|-------------------------------|---------|
| <b>Nominal Inner Diameter</b> | 7/16 in |
| <b>Nominal Outer Diameter</b> | 9/16 in |
| <b>Nominal Length</b>         | 1 in    |

## Tolerances

|                                   |                  |
|-----------------------------------|------------------|
| <b>Inner Diameter Tolerance</b>   | + .000 - .001 in |
| <b>Outside Diameter Tolerance</b> | + .000 - .001 in |
| <b>Overall Length Tolerance</b>   | ± .005 in        |

## Performance Data

|                                                       |                            |
|-------------------------------------------------------|----------------------------|
| <b>Load - P Max Value</b>                             | 2,000 lb/in <sup>2</sup>   |
| <b>Speed - V Max Value</b>                            | 1,200 ft <sup>2</sup> /min |
| <b>Load at Speed - PV Max Value (P.S.I. / S.F.M.)</b> | 50,000                     |