



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 103105, Oilube® Powdered Metal Bronze SAE841 Cored Circular Discs - INCH

Isostatic Oilube® Cored Circular Discs

- 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 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

2-1/4 IN I.D. x 4-1/2 IN O.D. x 1/4 IN Thick, SAE 841 Powdered Metal Bronze, Cored Disc

Specifications

Catalog Number	CD-4502
Interchange #	CD4502
Unit of Measure	Each
Material	Powdered Metal / Oil Impregnated Bronze
Material Standard	SAE 841

Avg Unit Weight	0.7455 lb
UPC Code	00846802012526

Dimensions

Nominal Inner Diameter	2 1/4 in
Nominal Outer Diameter	4 1/2 in
Nominal Disc Thickness	1/4 in

Tolerances

Inner Diameter Tolerance	Undersized - to finish to
Outside Diameter Tolerance	Oversized - to finish to
Thickness Tolerance	±.0035 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