

POWDERED METAL BRONZE (SAE841)

TYPICAL USES

Manufactured through powdered metallurgy, this process gives the bearings tiny pores formed throughout the structure of the bearing. These interconnected pores serve as a reservoir for lubricant providing a passage for flow to the bearing surface. This flow of oil to the surface of the bearing is the result of a slight increase of surface temperature when the bearing/shaft are in motion. When the rotation of the bearing and shaft commences the oil is absorbed back into the pores.

Applications include agriculture equipment, business machines, automotive, conveyors, cranes, appliances, machine tools, packaging machinery, and many more. Additional capabilities include secondary operations such as grooving, milling, and broaching.



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