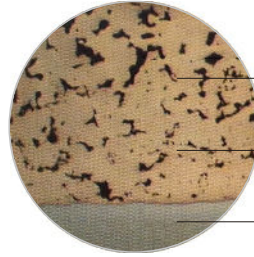
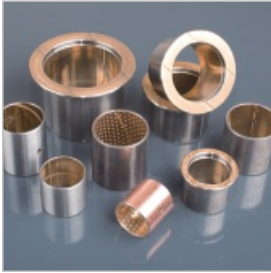


VSB 80

钢和无铅铜合金+ 固体润滑剂
Steel+ lead-free bronze+ solid Inbricant



固体润滑剂
Solid Lubricants

无铅铜合金烧结层
CuSn8Ni Lead Free Bronze Alloy

低碳钢
Low Carbon Steel

结构特性及用途 Structure Characteristics and Applications

以优质低碳钢为基础，表面烧结无铅铜合金材料和固体润滑剂的混合物，充分减小磨损因数，突破传统材料无法达到自我产生润滑源的生产工艺！相比普通双金属材料不但满足了无铅要求，而且具有更好的耐磨性，适合于边界润滑和流体润滑工况下的使用。

Based on high quality low carbon steel, sintering lead-free bronze alloy and solid lubricant on the surface, reduce the wear factor. The solid lubricant supplying the lubricant source when working. Compare with traditional bi-metal material, it not only meets the lead-free requirement, also can achieve excellent wear resistance, suitable for the condition of boundary lubrication and fluid lubrication.

物理机械性能 Physical and Mechanical Performance

性能指标 Performance Index		有关数据 Data	性能指标 Performance Index	有关数据 Data
最大承载压力P Max Load	静承载 Static	250 N/ mm ²	合金硬度 Alloy Hardness	HB 60~ 100
	动承载 Dynamic	140 N/ mm ²	使用温度 Temperature	-40℃~ 250℃
最大线速度V Linear Velocity		2.5 m/ s	摩擦系数 Friction Coefficient	0.05~ 0.12
最高PV值 Max PV value		2.8 N/ mm ² · m/ s	导热系数 Thermal Conductivity	60 W/ (m · k)
剪切强度 Shear Strength		170 N/ mm ²	热膨胀系数 Coef. of thermal expansion	14 · 10 ⁻⁶ k ⁻¹