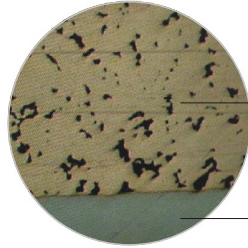


VSB80

无铅加石墨
钢+无铅铜合金粉
Steel lead-free bronze powder



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，轴承表面可以加工油穴、油槽，可以很好的存储油脂，有效降低磨损。而无铅又是满足欧盟指定标准，是汽车等领域首选！

Based on high quality low carbon steel, sintering lead-free bronze alloy on the surface. Oil pockets or groove could be processed in the lining in order to well reserve grease. Lead free meet the requirements of EU, it's the best choice of automotive filed.

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