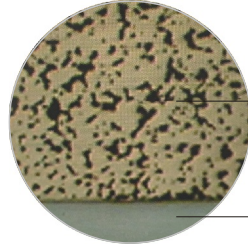


## VSB80

钢和铜铅合金粉  
Steel+lead bronze powder



铜铅合金烧结层  
CuSn10Pb 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，表面烧结铜合金材料，具有很高的承载性，适用于中载高速，以及有大冲击载荷的轴承，轴承表面可加工油穴或者油槽可很好的储油，有效降低磨损，广泛用于卡车底盘、农用机械、工程机械、建筑机械等领域。

Based on high quality low carbon steel, sintering bronze alloy on the surface, provide high specific load, especially fits for high speed and shock conditions. Oil pockets or groove could be processed in the lining in order to well reserve grease. Widely used in truck chassis, agricultural machinery, construction machinery etc.

## 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 <sup>2</sup>	合金硬度 Alloy Hardness	HB 60~100
	动承载 Dynamic	140 N/mm <sup>2</sup>	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 <sup>2</sup> · m/s	导热系数 Thermal Conductivity	60 W/ (m · k)
剪切强度 Shear Strength		170 N/mm <sup>2</sup>	热膨胀系数 Coef. of thermal expansion	14 · 10 <sup>-6</sup> k <sup>-1</sup>