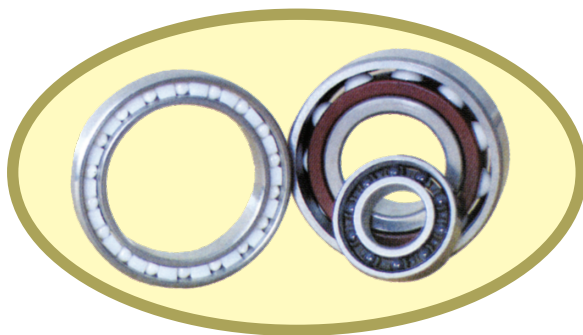


## 全陶瓷轴承系列产品

Full ceramic bearing range introduction

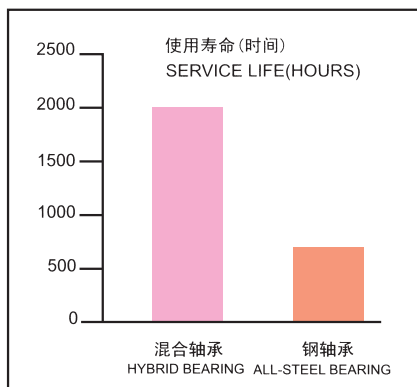
### 混合陶瓷球轴承 / Hybrid construction ceramic ball bearing

- ▶ 混合陶瓷球轴承，内外圈为金属材料，一般采用全铬钢(Gcr15)或不锈钢(AISI440C)，陶瓷球具有低密度、高硬度、低摩擦系数、耐磨、自润滑及刚性好等特点，特别适合做高速、高精度及长寿命混合陶瓷球轴承的滚动体。
- ▶ Hybrid construction ceramic ball bearing, inner ring and outer ring are made by metal, GCr15 or AISI440C makes inner ring and outer ring. Ceramic ball have the following performance as low density, high strength, low friction, wear resistance, self-lubrication and higher rigidity, it s the best choice for rollers of the hybrid construction ceramic which are used in high-speed, high-precision and long life applications.



### 混合陶瓷球轴承常用材料说明表 / Material hits the target in Hybrid construction ceramic bearing applying:

轴承零件 Parts	常用材料 Materials
内外圈 Rings	GCr15, SUS440C, SUS316, SUS304
球 Balls	ZrO <sub>2</sub> , Si <sub>3</sub> N <sub>4</sub> , Sic
保持架 Coge	PTFE, PEEK, PA66, SUS304, GCr15



混合陶瓷球轴承和钢轴承的使用寿命比较

