

公司简介

Brief Introduction

深圳市安泽精密轴承有限公司是一家私营高科技型企业，主要致力于研发及规模生产各种材料的特种轴承及结构件，是集研发、设计、制造、销售、服务于一体的并具有一定规模实力的特种轴承生产制造商，一流的生产设备和检测仪器及方法，完全能够满足各种类型，规格，精度等级及特殊使用要求轴承产品的加工。目前产品结构主要分为：陶瓷结构件、全陶瓷轴承、混合陶瓷球轴承、高性能塑料轴承、无磁性不锈钢轴承及其他各类特种非标准专用轴承。产品分别具有无油自润滑、耐腐蚀、抗生锈、抗酸碱盐及气体侵蚀、无磁电绝缘、抗高温低寒等一系列特性。广泛应用于半导体生产装配、石油、化工、电子、电镀设备、纺织、食品、医疗、航海、航空航天等领域。

公司拥有专业从事各类特种高性能轴承及模具开发的高级工程师，他们具有很高的研发能力，精湛的设计开发能力，拥有高超的制造技术及解决产品在教育方面的丰富经验。

Shenzhen Anze Bearing Co.,Ltd is a privated owned high technology company, which focuses on developing, researching and manufacturing diversified material of special bearings and structures. As a sizable and competitive special bearings manufactory, kova integrates research, design, manufacture, sale and service together. High class production equipments and test methods can meet wide range of requirement to produce all type, specification, precision level and special bearings. Anze s main products include ceramic structures, full ceramic bearings, hybrid construction ceramic ball bearings, high performance plastic bearings, nonmagnetic stainless steel bearings and other kinds of un-standard special bearings. High specialty likes self-lubrication, anti-corrosion, anti-rust, chemical resistance, cavitation resistance, nonmagnetic insulated, high/low temper resistance. Anze s products are widely used in assembling of semiconductor, petrol, chemical, electrical, food, medical, marine, aerial industries.

The company has professional senior engineers specifying in design of various toolings and special bearings with high performance, who have excellent R&D and design capability as well as abundant experience in manufacturing technology and application for production solutions

公差 /Tolerance

陶瓷轴承和不锈钢轴承公差

Tolerance of ceramic and stainless bearings

表1 公差内圈(适用陶瓷轴承和不锈钢轴承)  
Table 1. tolerance of inner ring(For ceramic and stainless bearings)

轴承公称内径d /mm		0级	6级	5级	4级	2级
		$\Delta_{dmp}$				
超过	到	下偏差	下偏差	下偏差	下偏差	下偏差
2. 5	10	-8	-7	-5	-4	-2. 5
10	18	-8	-7	-5	-4	-2. 5
18	30	-10	-8	-6	-5	-2. 5
30	50	-12	-10	-8	-6	-2. 5
50	80	-15	-12	-9	-7	-4
80	120	-20	-15	-10	-8	-5
120	150					-7
150	180					-7
120	180	-25	-18	-13	-10	

表2 公差外圈(适用陶瓷轴承和不锈钢轴承)  
Table 2. tolerance of outer ring(For ceramic and stainless bearings)

轴承公称外径d /mm		0级	6级	5级	4级	2级
		$\Delta_{dmp}$				
超过	到	下偏差	下偏差	下偏差	下偏差	下偏差
2. 5	6	-8	-7	-5	-4	-2. 5
6	18	-8	-7	-5	-4	-2. 5
18	30	-9	-8	-6	-5	-4
30	50	-11	-9	-7	-6	-4
50	80	-13	-11	-9	-7	-4
80	120	-15	-13	-10	-8	-5
120	150	-18	-15	-11	-9	-5
150	180	-25	-18	-13	-10	-7
180	250	-30	-20	-15	-11	-8-

因工程塑料尺寸稳定性及热膨胀大于陶瓷及金属材质, 故我工厂列出塑料轴承内外圈公差尺寸表3  
Because of the engineering plastics dimension stability and thermal expansion greater than ceramics and metal material quality ,so our company list the table3 of plastic bearing inside and outside pathway tolerance dimension .

表3 工程塑料轴承的内外径公差表

材料material	外径D (mm) Outside diameter	内径d (mm) Bore diameter	高度B (mm) Width
POM	0~-0. 1	+0. 1~0	0~-0. 12
HDPE	0~-0. 1	+0. 1~0	0~-0. 12
PE-UHMW	0~-0. 2	+0. 2~0	0~-0. 2
PP	0~-0. 1	+0. 1~0	0~-0. 12
PTFE	0~-0. 2	+0. 2~0	0~-0. 2
PPS	0~-0. 1	+0. 1~0	0~-0. 12
PEEK	0~-0. 05	+0. 05~0	0~-0. 12
PI	0~-0. 05	+0. 05~0	0~-0. 12