



FU

粉末冶金含油轴承 POWDER METALLURGY OIL-RETAINING BEARING

产品介绍

Product introduction

FU-1 铜基含油轴承，是以锡青铜粉末为原料，经过模具压制，在高温中烧结后整形而成。它的基体有细微、均布的孔隙，经润滑油真空浸渍后形成含油状态。该产品具有短期不加油润滑，使用成本低，内外径尺寸可变化等特点，适应于中速、低载荷的场所使用。产品已广泛应用于家用电机、电动工具、纺织机械、化工机械、汽车工业和办公设备等场合。

FU-1 its copper oil-retaining bearing, bronze powder in zion as raw material, through the mould pressing, sintering temperature after in plastic. It is fine, the matrix of the pore, oil vacuum macerate formed after oil. This product has the short-term oil lubrication, using low cost, can change od characteristics, such as low speed, suitable for use of load. The products have been widely applied in household motor, electric tools, textiles machinery, chemical machinery, automobile industry and office equipment etc.

技术参数 Technical Parameters

性能指标 Performance index		数据 Data
最大承载压力	The maximum load pressure	35 N/mm ²
最高温度	The highest temperature	- 80 ~ +160°C
最高滑动速度	Maximum sliding speed	2.5 m/s
合金材质	Alloy material	CuSn6-6-3
最高PV值	The highest PV value	2.45N/mm ² . m/s

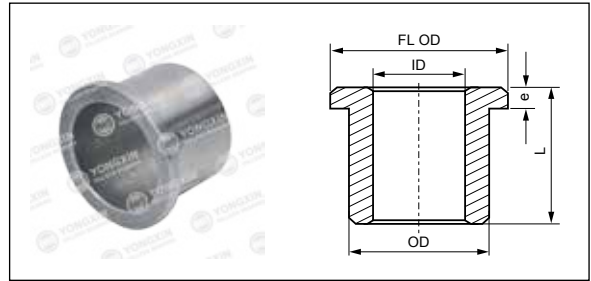
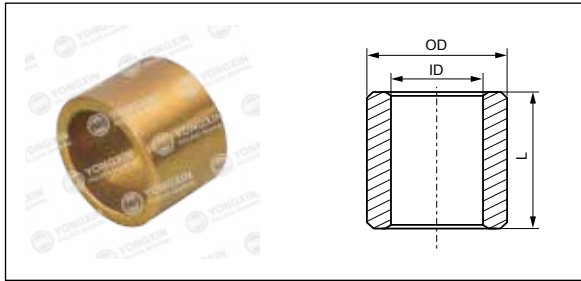
FU-2 铁基含油轴承具有生产效力高、加工工时少、花费成本低、耗损材料省等优点。用一般切削加工法制造零件时材料利用率为40-50%甚至更低，而粉末冶金法的材料利用率可达95%以上并且在许多情况下可用铁基粉末冶金轴套代替铜合金轴套，从而节省大量有色金属，而且生产的制品零件性能平稳、耐磨、精度要求高，与其它金属切削方法制造的零件具有明显的经济效益。

FU-2 iron-based oil bearing has several advantages, such as high production efficiency, less processing time, cost-efficient, and less wear and tear. With the general method of manufacturing machining parts, material utilization can be 40-50% or even lower, while the powder metallurgy method of material utilization uses up to 95% and in many cases can be used instead of iron-based powder metallurgy copper alloy sleeve bushings, thus saving a lot of non-ferrous metals, and the production of products, parts, steady performance, wear resistance, high precision, and other parts made of metal cutting method has obvious economic benefits.

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FU 粉末冶金含油轴承
FU Powder Metallurgy Oil-retaining Bearing



Part No.	ID	ID	OD	L
005	04*07*08	4	7	8
636	04*08*08	4	8	8
006	04*08*10	4	8	10
007	04*08*12	4	8	12
008	04*10*10	4	10	10
647	04*12*08	4	12	8
009	05*09*05	5	9	5
010	05*09*09	5	9	9
011	05*09*11	5	9	11
012	05*10*05	5	10	5
013	05*10*10	5	10	10
014	05*10*14	5	10	14
015	06*08*08	6	8	8
016	06*10*06	6	10	6
017	06*10*10	6	10	10
018	06*10*12	6	10	12
019	06*10*14	6	10	14
020	06*12*06	6	12	6
609	06*12*10	6	12	10
021	06*12*12	6	12	12
022	06*12*15	6	12	15
625	06*12*16	6	12	16
023	06*12*25	6	12	25
024	06*14*12	6	14	12
025	07*11*08	7	11	8
026	07*11*13	7	11	13
635	07*11*14	7	11	14
027	07*14*10	7	14	10
029	08*11*16	8	11	16
030	08*12*08	8	12	8
031	08*12*10	8	12	10
032	08*12*12	8	12	12

SIZE	ID	OD	FLOD	e	L
6*12*14*2*8	6	12	14	2	8
6*12*14*2*13	6	12	14	2	13
6*12*14*2*20	6	12	14	2	20
7*12*16*2.5*8	7	12	16	2.5	8
7*12*16*2.5*14	7	12	16	2.5	14
7*12*16*2.5*20	7	12	16	2.5	20
8*14*18*3*8	8	14	18	3	8
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8*14*18*3*20	8	14	18	3	20
10*14*18*2*10	10	14	18	2	10
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12*18*22*3*12	12	18	22	3	12
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14*20*25*3*14	14	20	25	3	14
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14*20*25*3*25	14	20	25	3	25
15*22*28*3*15	15	22	28	3	15
15*22*28*3*22	15	22	28	3	22
15*22*28*3*30	15	22	28	3	30
16*22*28*3.5*15	16	22	28	3.5	15
16*22*28*3.5*22	16	22	28	3.5	22
16*22*28*3.5*30	16	22	28	3.5	30
17*25*32*4*17	17	25	32	4	17
17*25*32*4*25	17	25	32	4	25