



嘉善华承无油轴承有限公司

**JIASHAN HUACHENG**  
**OILLESS BEARING**

为全球工业提供各种自润滑轴承解决方案

## Your Partner for Self-lubricating Bearing Application

嘉善华承无油轴承有限公司地处于长三角地区的嘉善县干窑镇，环境优美，交通便利。公司长期致力于无油自润滑轴承和实体浇铸铜套的开发与设计，目前公司主要产品有：SF无油润滑轴承、JF双金属轴承、FB青铜轴承、JDB镶嵌固体润滑轴承等16个系列产品，已在高温、高速等多种场合进行了使用。公司拥有一支高素质、强劲的技术队伍和齐全、精良的机械加工设备，配备有精密检验和试验设备，产品具有较强的市场竞争能力。配备有使产品质量得到有效保证各类加工和检测设备，同时提供了一流的售后服务，深受客户好评与信赖。

我们将本着“质量第一、诚信为本”的经营理念，在以后的发展历程中一如既往的为您提供优质的产品和完善的售后服务。

JIASHAN HUACHENG OILLESS BEARING CO., CTD. is located in Jiashan, Zhejiang Yangtze River Delta, which is of Beautiful environment, convenient transportation. We have been committed to design of oilless bushing and solid bronze production. At present our main products are related to 16 series, such as SF Boundary bushing, JF Bi-metal bushing, FB wrapped bronze bushing as well as JDB bronze bushing with graphite plugged-in, which are used in high-temperature and speed conditions. Our company is equipped with quality technicians' team, well-equipped production and inspection facilities. The products are of competitive pricing and high quality. We offer best service and being trustful supplier.

We promise to be in the "quality first, integrity-based" business philosophy, in the future course of development, as always, to provide you with quality products and perfect after-sales service.

## JF-800 双金属轴套

### JF-800 Bimetal Bushing

JF-800 双金属轴套，是以低碳钢板为基材材料，表面烧结了 CuPb10Sn10 或者 CuSn6Zn6Pb3 材料的钢铜合金产品。该产品是双合金轴套中承载能力最强的一种，重型车的平衡桥衬套，均使用该产品。它是一种用途很广的高载低速运动轴套。

JF-800 bimetal bushing is based on steel and sintered with CuPb10Sn10 or CuSn6Zn6Pb3 as a lining layer. The strongest type of bimetal bushings and widely applied in so many fields. This type has the best performance within the range of Cu-Pb alloy constructed bushing. Therefore it has a wide application and is mostly suitable for where is middle speed and high impact etc.



## JF-720 双金属轴套

### JF-720 Bimetal Bushing

JF720 双金属轴套，是以钢板为基体，表面烧结 CuPb24Sn4 材料的产品。该产品具有较好的疲劳强度和承载能力。适用于中速中载，有油润滑的场合表面镀软合金时，可用作高速内燃机轴套、连杆衬套，达到良好的耐磨、耐疲劳效果。

JF-720 is a bimetal bushing with steel as backing and sintered CuPb24Sn4 as lining layer. This type has fairly good performance in anti-fatigue and load capacity. It is suitable for middle speed and middle load. When over plated certain soft alloy, it can be applied in high-speed internal combustion engine and as connect rod.



## JF-700 双金属轴套

### JF-700 Bimetal Bushing

JF-700 双金属轴套，是以钢板为基体，表面烧结 CuPb30 材料的产品。该产品由于含铅量高，所以具有良好的抗咬轴性和异物埋没性。工作表面需镀软合金材料，可用作高速、中低载的内燃机主轴瓦、连杆衬套、摇臂衬套；油泵侧摩擦片。

JF-700 is a bimetal bushing with steel as backing and sintered CuPb30 as lining layer. It has good performance in anti-seizing, alien substance contamination. It is necessary to be overplated certain soft alloy and mostly applied in internal combustion engine under high speed and middle to low load, e.g. main bushing of inner-combustion engine and connect-rod bushing.



## JF-20 双金属轴套

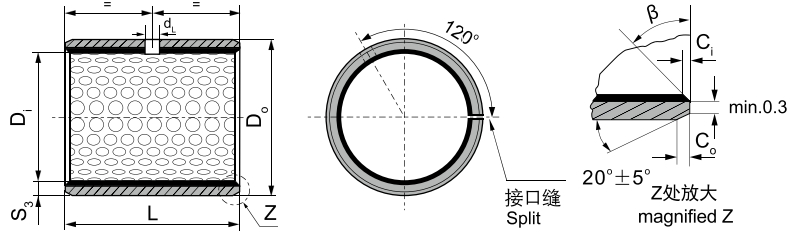
### JF-20 Bimetal Bushing

JF-20 高锡铝基轴套是以钢板为基体，表面辊压 AlSn20Cu 材料的产品。该产品具有中等疲劳强度和承载能力，良好抗腐蚀性能，较好的轴套滑动性能等特点，常用作中小功率的内燃机轴瓦、火车发动机轴瓦、空气压力机轴套、制冷机轴套，是取代巴氏合金的新颖产品。

JF-20 is a high tin and aluminum based bushing, which adopts steel as backing and is coated a lining of AlSn20Cu through rolling treatment. It is a fairly good fatigue resistance, load capacity and good anti-corrosion and also performs well in Bushing's sliding properties. It is widely applied under high speed and low load such as in internal combustion engine, air compressor and cooling machine.



## JF-800 双金属轴承规格及公差 JF-800 Bimetal Sleeve Bushing Specification & Tolerance



内外倒角 ID and OD chamfers

$S_3$	$C_o$	$C_i$	$\beta$	$S_3$	$C_o$	$C_i$	$\beta$
0.75	$0.5 \pm 0.3$	$0.25 \pm 0.2$	$35^\circ \pm 5^\circ$	2.00	$1.2 \pm 0.4$	$0.50 \pm 0.3$	$35^\circ \pm 5^\circ$
1.00	$0.6 \pm 0.3$	$0.30 \pm 0.2$	$35^\circ \pm 5^\circ$	2.50	$1.8 \pm 0.6$	$0.60 \pm 0.3$	$45^\circ \pm 5^\circ$
1.50	$0.7 \pm 0.3$	$0.50 \pm 0.3$	$35^\circ \pm 5^\circ$				

单位Unit: mm

内径 $D_i$ $\phi d$	外径 $D_o$ $\phi D$	轴径(h8) Shaft $D_s$	座孔(H7) Housing $D_H$	压装后 内孔公差 Arter fixed $D_{ia}$	配合间隙 Clearance $C_D$	壁厚 Wall thickness $S_3$	油孔 Oil hole $d_L$	长度 $L_{-0.40}^0$													
								15	20	25	30	40	50	60	80	90	100				
25	28	$25_{-0.033}$	$28^{+0.021}$	$+0.161$ $+0.020$	0.194 0.020	1.490 1.430	6	2515	2520	2525	2530										
26	30	$26_{-0.033}$	$30^{+0.021}$	$+0.181$ $+0.040$	0.214 0.040	1.980 1.920	●	2615	2620	2625	2630										
28	32	$28_{-0.033}$	$32^{+0.025}$	$+0.185$ $+0.040$	0.218 0.040	●	●	2815	2820	2825	2830	2840									
30	34	$30_{-0.033}$	$34^{+0.025}$	●	●	●	●	3015	3020	3025	3030	3040									
32	36	$32_{-0.039}$	$36^{+0.025}$	●	0.224 0.040	●	●	3215	3220	3225	3230	3240									
35	39	$35_{-0.039}$	$39^{+0.025}$	●	●	●	●		3520	3525	3530	3540	3550								
38	42	$38_{-0.039}$	$42^{+0.025}$	●	●	●	8		3820	3825	3830	3840	3850								
40	44	$40_{-0.039}$	$44^{+0.025}$	●	●	●	●		4020	4025	4030	4040	4050								
45	50	$45_{-0.039}$	$50^{+0.025}$	$+0.225$ $+0.080$	0.264 0.080	2.460 2.400	8			4525	4530	4540	4550								
50	55	$50_{-0.039}$	$55^{+0.030}$	$+0.230$ $+0.080$	0.269 0.080	●	●					5030	5040	5050	5060						
55	60	$55_{-0.046}$	$60^{+0.030}$	●	0.276 0.080	●	●					5530	5540	5550	5560						
60	65	$60_{-0.046}$	$65^{+0.030}$	●	●	●	●					6030	6040	6050	6060						
65	70	$65_{-0.046}$	$70^{+0.030}$	●	●	●	●					6530	6540	6550	6560						
70	75	$70_{-0.046}$	$75^{+0.030}$	●	●	●	●					7030	7040	7050	7060	7080					
75	80	$75_{-0.046}$	$80^{+0.030}$	●	●	●	9.5					7530	7540	7550	7560	7580					
80	85	$80_{-0.046}$	$85^{+0.035}$	$+0.235$ $+0.080$	0.281 0.080	●	●					8030	8040	8050	8060	8080	8090				
85	90	$85_{-0.054}$	$90^{+0.035}$	●	0.289 0.080	●	●					8530	8540	8550	8560	8580	8590	85100			
90	95	$90_{-0.054}$	$95^{+0.035}$	●	●	●	●					9040	9050	9060	9080	9090	90100				



物流、港口机械  
Logistics, port machinery

能源设施  
Energy facilities



工程机械  
Engineering machinery



冶金行业  
Metallurgical Industry



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