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CFB01系列 (自润滑轴承) SELF-LUBRICATING BEARING



CFB01系列 自润滑轴承 SELF-LUBRICATING BEARING

CFB010(SF-1) 碳钢基自润滑轴承 STEEL BACKING SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	250N/mm ² 140N/mm ²
最大线速度V Max line speed V	干摩擦Dry friction 油润滑Oil lubrication	2m/s >2m/s
最高PV值 Maximum PV value	干摩擦Dry friction 油润滑Oil lubrication	3.8N/mm ² .m/s 50N/mm ² .m/s
摩擦系数μ Friction coefficient μ	干摩擦Dry friction 油润滑Oil lubrication	0.08~0.20 0.02~0.07
工作温度Working temperature		-200°C~+280°C
导热系数Thermal conductivity		42W/(M·K)
线膨胀系数Coefficient of linear expansion		11×10 ⁻⁶ /K

该产品以优质低碳钢板为基体，中间烧结多孔青铜层，表面轧制聚四氟乙烯 (PTFE) 和铅 (Pb) 的混合物。它能提供较好的自润滑、耐磨损、低摩擦等性能，充分发挥了金属和多元素聚合物的优点。产品应用于印刷机械、纺织机械、烟草机械、健身器等。

The product is high quality low-carbon steel substrate, sintered porous bronze middle layer, the surface rolling polytetrafluoroethylene (PTFE) and lead (Pb) of the mixture. It provides a good self-lubricating, wear resistance, low friction properties, give full play to the metal and the advantages of multi-element polymer. Products used in printing machinery, textile machinery, tobacco machinery, fitness, etc.

CFB011(SF-1B) 铜基自润滑轴承 BRONZE BACKING SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	250N/mm ² 140N/mm ²
最大线速度V Max line speed V	干摩擦Dry friction 油润滑Oil lubrication	2m/s >2m/s
最高PV值 Maximum PV value	干摩擦Dry friction 油润滑Oil lubrication	3.6N/mm ² .m/s 50N/mm ² .m/s
摩擦系数μ Friction coefficient μ	干摩擦Dry friction 油润滑Oil lubrication	0.08~0.20 0.02~0.07
工作温度Working temperature		-200°C~+280°C
导热系数Thermal conductivity		70W/(M·K)
线膨胀系数Coefficient of linear expansion		17×10 ⁻⁶ /K

该产品是以特殊配方的高密度青铜合金为基体，中间烧结多孔青铜层，表面轧制PTFE 和Pb的混合物。它能提供较好的自润滑、耐磨损、低摩擦等性能，充分发挥了金属和多元素聚合物的优点。产品应用于冶金行业，连铸轧机，水泥机械和螺旋式输送机等。

The product is specially formulated high-density copper alloy substrate, sintered porous bronze middle layer, the surface rolling PTFE and Pb mixture. It provides a good self-lubricating, wear resistance, low friction properties, give full play to the metal and the advantages of multi-element polymer. Products used in metallurgical industry, continuous casting mill, cement machinery and screw conveyors, etc.

CFB01系列 (自润滑轴承) SELF-LUBRICATING BEARING

CFB012(SF-S)不锈钢基自润滑轴承

STAINLESS STEEL BACKING SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P	静载Static load	250N/mm ²
Max load capacity P	动载Dynamic load	140N/mm ²
最大线速度V	干摩擦Dry friction	2m/s
Max line speed V	油润滑Oil lubrication	>2m/s
最高PV值	干摩擦Dry friction	3.6N/mm ² .m/s
Maximum PV value	油润滑Oil lubrication	50N/mm ² .m/s
摩擦系数μ	干摩擦Dry friction	0.08~0.20
Friction coefficient μ	油润滑Oil lubrication	0.02~0.07
工作温度Working temperature		-200°C~+280°C
导热系数Thermal conductivity		42W/(M·K)
线膨胀系数Coefficient of linear expansion		15×10 ⁻⁶ /K

该产品是以不锈钢为基体，中间烧结多孔青铜层，在表面轧制以PTFE和铅的混合物，可在中酸、强碱中使用。产品适用于印染机械、海洋工业耐腐蚀部位等。

The product is a stainless steel substrate, sintered porous bronze middle layer, rolled on the surface with PTFE and Pb mixture, in the acid and alkali used. Product is suitable for printing and dyeing machinery, corrosion-resistant parts and other marine industry.

CFB013(SF-T)液压油泵自润滑轴承

HYDRAULIC PRESSURE PUMP SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P	静载Static load	250N/mm ²
Max load capacity P	动载Dynamic load	140N/mm ²
最大线速度V	干摩擦Dry friction	2m/s
Max line speed V	油润滑Oil lubrication	>5m/s
最高PV值	干摩擦Dry friction	3.8N/mm ² .m/s
Maximum PV value	油润滑Oil lubrication	60N/mm ² .m/s
摩擦系数μ	干摩擦Dry friction	0.08~0.20
Friction coefficient μ	油润滑Oil lubrication	0.02~0.06
工作温度Working temperature		-200°C~+280°C
导热系数Thermal conductivity		40W/(M·K)
线膨胀系数Coefficient of linear expansion		11×10 ⁻⁶ /K

该材料是根据液压油泵的高PV值特定工艺条件而开发的材料。它有较低的摩擦系数及优异的耐磨损性，能在半干燥条件下使用。产品主要用于中、高压齿轮油泵、柱塞泵、叶片泵等。

This material is based on the high PV value of hydraulic pump specific process conditions and the development of materials. It has a low coefficient of friction and excellent wear resistance, can be used in semi-arid conditions. Products are mainly used in high-pressure gear pumps, piston pumps, vane pumps.

CFB018液压油泵无铅自润滑轴承

LEAD-FREE HYDRAULIC PRESSURE PUMP SELF-LUBRICATING BEARING

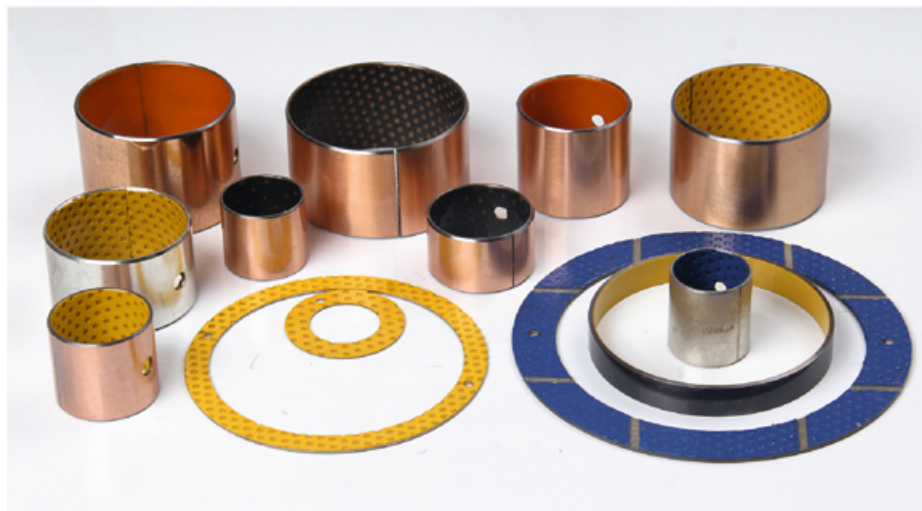


性能指标Performance index		有关数据Data
最大承载压力P	静载Static load	250N/mm ²
Max load capacity P	动载Dynamic load	140N/mm ²
最大线速度V	干摩擦Dry friction	2m/s
Max line speed V	油润滑Oil lubrication	>5m/s
最高PV值	干摩擦Dry friction	3.8N/mm ² .m/s
Maximum PV value	油润滑Oil lubrication	60N/mm ² .m/s
摩擦系数μ	干摩擦Dry friction	0.08~0.20
Friction coefficient μ	油润滑Oil lubrication	0.02~0.06
工作温度Working temperature		-200°C~+280°C
导热系数Thermal conductivity		40W/(M·K)
线膨胀系数Coefficient of linear expansion		11×10 ⁻⁶ /K

该产品是以不锈钢为基体，表面喷特殊配方的润滑材料，可在中酸、强碱中使用。产品主要应用于中、高压齿轮油泵、柱塞泵、叶片泵等。由于不含铅，使润滑条件更为干净，符合环保要求。

The product is a stainless steel substrate, the surface of a specially formulated spray lubricant material in the acid and alkali used. Products are mainly used in high-pressure gear pumps, piston pumps, vane pumps. Because they do not lead, so that lubrication conditions become more clean and environmentally friendly.

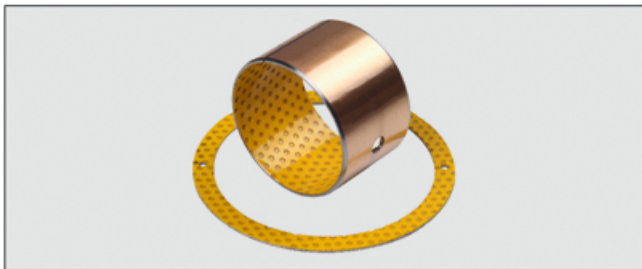
CFB02系列 (边界润滑轴承) MARGINAL BEARING

CFB02系列
边界润滑轴承
MARGINAL
BEARINGCFB020 (SF-2) 边界润滑轴承
MARGINAL BEARING

性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	250N/mm ² 140N/mm ²
最大线速度V Max line speed V	脂润滑 Grease lubrication	2.5m/s
最高PV值 Maximum PV value	脂润滑 Grease lubrication	3N/mm ² .m/s
摩擦系数μ Friction coefficient μ	脂润滑 Grease lubrication	0.05~0.25
工作温度Working temperature		-40°C~+130°C
导热系数Thermal conductivity		4W/(M·K)
线膨胀系数Coefficient of linear expansion		11x10 ⁻⁶ /K

该产品是以优质低碳钢板为基体，中间烧结一层多孔青铜层，表面轧制一层改性的聚甲醛。产品应用于汽车底盘、锻压机床、冶金机械、矿山机械、水利行业、轧钢行业等。

The product is high-quality low-carbon steel substrate, sintered porous bronze middle layer, the surface layer of modified POM rolling. Products used in auto chassis, forging machine, metallurgical machinery, mining machinery, hydraulic industry, steel rolling industries.

CFB021(SF-2H) 无铅边界润滑轴承
LEAD FREE MARGINAL BEARING

性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	250N/mm ² 140N/mm ²
最大线速度V Max line speed V	脂润滑 Grease lubrication	2.5m/s
最高PV值 Maximum PV value	脂润滑 Grease lubrication	3N/mm ² .m/s
摩擦系数μ Friction coefficient μ	脂润滑 Grease lubrication	0.05~0.25
工作温度Working temperature		-40°C~+110°C
导热系数Thermal conductivity		4W/(M·K)
线膨胀系数Coefficient of linear expansion		11x10 ⁻⁶ /K

该产品是以优质低碳钢为基体，中间烧结一层多孔青铜层，表面轧制一层改性的聚甲醛。该材料不含铅，符合环保要求。产品应用于汽车底盘、锻压机床、冶金机械、矿山机械、水利行业、轧钢行业等。

The product is high quality low carbon steel substrate, sintered porous bronze middle layer, the surface layer of modified POM rolling. The material does not lead, in line with environmental requirements. Products used in auto chassis, forging machine, metallurgical machinery, mining machinery, hydraulic industry, steel rolling industries.

CFB02系列 (边界润滑轴承) MARGINAL BEARING

CFB022(SF-2S)无铅边界润滑轴承

LEAD FREE MARGINAL BEARING



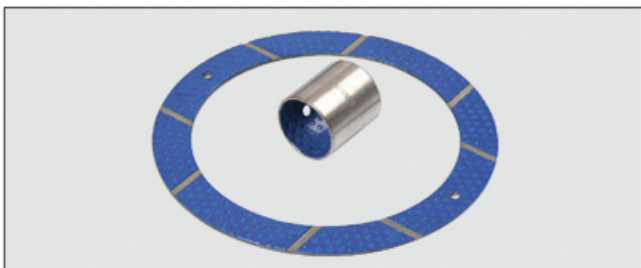
性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load	250N/mm ²
	动载Dynamic load	140N/mm ²
最大线速度V Max line speed V	脂润滑 Grease lubrication	2.5m/s
最高PV值 Maximum PV value	脂润滑 Grease lubrication	3N/mm ² .m/s
摩擦系数 μ Friction coefficient μ	脂润滑 Grease lubrication	0.05~0.25
工作温度Working temperature		-40°C~+110°C
导热系数Thermal conductivity		4W/(M·K)
线膨胀系数Coefficient of linear expansion		11x10 ⁻⁶ /K

该产品是以优质低碳钢为基体，中间烧结一层多孔青铜层，表面轧制一层改性的聚甲醛。该材料不含铅，符合环保要求。产品应用于汽车底盘、锻压机床、冶金机械、矿山机械、水利行业、轧钢行业等。

The product is high quality low carbon steel substrate, sintered porous bronze middle layer, the surface layer of modified POM rolling. The material does not lead, in line with environmental requirements. Products used in auto chassis, forging machine, metallurgical machinery, mining machinery, hydraulic industry, steel rolling industries.

CFB023(SF-2L)无铅边界润滑轴承

LEAD FREE MARGINAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load	250N/mm ²
	动载Dynamic load	140N/mm ²
最大线速度V Max line speed V	脂润滑 Grease lubrication	2.5m/s
最高PV值 Maximum PV value	脂润滑 Grease lubrication	3N/mm ² .m/s
摩擦系数 μ Friction coefficient μ	脂润滑 Grease lubrication	0.05~0.25
工作温度Working temperature		-40°C~+110°C
导热系数Thermal conductivity		4W/(M·K)
线膨胀系数Coefficient of linear expansion		11x10 ⁻⁶ /K

该产品是以优质低碳钢为基体，中间烧结一层多孔青铜层，表面轧制一层改性的聚甲醛。该材料不含铅，符合环保要求。产品应用于汽车底盘、锻压机床、冶金机械、矿山机械、水利行业、轧钢行业等。

The product is high quality low carbon steel substrate, sintered porous bronze middle layer, the surface layer of modified POM rolling. The material does not lead, in line with environmental requirements. Products used in auto chassis, forging machine, metallurgical machinery, mining machinery, hydraulic industry, steel rolling industries.

CFB03系列 (双金属轴承) BI-METAL BEARING



CFB03系列

双金属轴承

BI-METAL BUSHING

CFB030 (SJ-1G) 双金属轴承

BI-METAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	90N/mm ²
最大线速度V	Max line speed V	干摩擦Dry friction 0.4m/s 脂润滑Grease lubrication 2m/s
摩擦系数μ	Friction coef μ	干摩擦Dry friction <0.22 脂润滑Grease lubrication <0.08
最高PV值	Maximum PV value	干摩擦Dry friction 1.8N/mm ² .m/s
合金硬度 Alloy hardness		60~90HB

该产品以优质低碳钢板为基体，表面烧结Cu Pb10 Sn10锡青铜合金，合金表面轧制菱形油久，油久内埋入特殊的固体润滑剂，它有良好的润滑性和抗磨损性，能在无油或少油条件下工作，特别适用于高温、水溶液浸润或其他无油加油或加油困难场合。

The product is high quality low-carbon steel substrate, the surface of sintered Cu Pb10 Sn10 tin-bronze alloy, alloy diamond surface rolling oil for a long time, a special oil for a long time buried within the solid lubricant, it has good lubricity and anti-wear, can In the absence of oil or less oil under the conditions of work, especially for high-temperature, solution infiltration or other fuel or fuel oil difficult situations.

CFB032 (SJ-2) 双金属轴承

BI-METAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	130N/mm ²
最大线速度V	Max line speed V	油润滑Oil lubrication 10m/s
最高PV值	Maximum PV value	脂润滑Grease lubrication 2.8N/mm ² .m/s 油润滑Oil lubrication 10N/mm ² .m/s
合金硬度 Alloy hardness		45~70HB
合金材料 Alloy material		CuPb24Sn4

该产品以优质低碳钢板为基体，表面烧结铅锡青铜合金，经多次烧结轧制而成。它有很高的疲劳强度、承载能力、抗冲击能力、耐腐蚀、有较好的轴水表面性能，产品适用于高速、重载的内燃机主轴和连杆轴承。

The product is high quality low-carbon steel substrate, the surface of sintered tin bronze alloy, formed by repeated rolling sintering. It has a high fatigue strength, load capacity, impact resistance, corrosion resistance, better surface properties of the water axis, products for high-speed, heavy internal combustion engine shaft and connecting rod bearings.

CFB03系列 (双金属轴承) BI-METAL BEARING

CFB033 (SJ-3) 双金属轴承

BI-METAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	130N/mm ²
最大线速度V	Max line speed V	油润滑Oil lubrication 10m/s
最高PV值	Maximum PV value	脂润滑Grease lubrication 2.8N/mm ² .m/s
	油润滑Oil lubrication	10N/mm ² .m/s
合金硬度 Alloy hardness		40~60HB
合金材料 Alloy material		CuPb24Sn

该产品以优质低碳钢板为基体，表面烧结铅锡青铜合金，经多次烧结轧制而成。它有较强的疲劳强度和承载能力，较好的轴承表面性能，产品适用于内燃机主轴和连杆轴承。

The product is high quality low-carbon steel substrate, the surface of sintered tin bronze alloy, formed by repeated rolling sintering. It has high fatigue strength and load carrying capacity, better performance of the bearing surface, the product suitable for internal combustion engine shaft and connecting rod bearings.

CFB034 (SJ-4) 双金属轴承

BI-METAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	100N/mm ²
最大线速度V	Max line speed V	油润滑Oil lubrication 25m/s
最高PV值	Maximum PV value	油润滑Oil lubrication 6N/mm ² .m/s
合金硬度 Alloy hardness		30~40HB
合金材料 Alloy material		AlSn20Cu

该产品以优质低碳钢板为基体，表面采用特殊工艺轧制铝锡合金。它有中等疲劳强度和承载能力，良好的耐腐蚀性，较好的轴承表面性能，产品适用于内燃机主轴和连杆轴承、压气机、制冷机用轴承。

The product is high quality low-carbon steel substrate, using a special process the surface of rolled aluminum-tin alloy. It has medium fatigue strength and load capacity, good corrosion resistance, good bearing surface properties of the product for internal combustion engine shaft and connecting rod bearings, compressor, refrigerator with bearings.

CFB035 (SJ-5) 双金属轴承

BI-METAL BEARING



性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	120N/mm ²
最大线速度V	Max line speed V	油润滑Oil lubrication 15m/s
最高PV值	Maximum PV value	脂润滑Grease lubrication 2.5N/mm ² .m/s
	油润滑Oil lubrication	8N/mm ² .m/s
合金硬度 Alloy hardness		30~45HB
合金材料 Alloy material		CuPb30

该产品以优质低碳钢板为基体，表面烧结铅青铜合金，经多次烧结轧制而成。它有中等疲劳强度和承载能力，较好的轴承表面性能，产品主要适用于内燃机主轴承连杆轴承。

The product is high quality low-carbon steel substrate, the surface of sintered lead bronze alloy, formed by repeated rolling sintering. It has medium fatigue strength and load capacity, better performance of the bearing surface, the product is mainly applied to the internal combustion engine main bearing connecting rod bearings.

CFB05系列 (固体润滑轴承) SOLID LUBRICATING BEARING



CFB05系列

CFB08系列

固体润滑轴承

SOLID LUBRICATING
BEARINGCFB 050 固体润滑轴承
SOLID LUBRICATING BEARING

该产品以特殊配方的高力黄铜为基体，表面按一定的角度和密度镶嵌特殊配方的固体润滑剂，经精密加工而成。产品广泛应用于连铸轧机、矿山机械、船舶、气轮机等。

The product is a special formulation of high-strength copper-based body surface at a certain angle and density of embedded solid lubricant specially formulated by precision machining. Products are widely used in continuous casting mill, mining machinery, ships, gas turbines and so on.

性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	100N/mm ²
适用最高温度	Applied MAX temperature	300°C
最高滑动速度	Maximum sliding speed	0.5m/s
硬 度	Hardness	>210HB
摩擦系数 μ	Friction coefficient μ	<0.16
允许最高PV值	Maximum PV value	1.65N/mm ² .m/s

CFB 054 钢铜浇铸轴承
STEEL BRONZE CASTING OILLESS BEARING

该产品是以钢套为基体，表面烧铸高力黄铜，嵌入固体润滑剂，除具有CFB050的功能外，还能节省成本，提高抗压强度。它的端面可以与基体焊接安装使用，因此适用于建筑机械、冶金机械、输送机械中的不加油润滑部位。

The product is a set of steel substrate, the surface of burning high-strength cast brass, embedded solid lubricant, in addition to the functions with CFB050, but also save costs and increase the compressive strength. It ends with the base of welding installation, so for construction machinery, metallurgical machinery, transport machinery is not lubricated parts.

性能指标Performance index		有关数据Data
最大承载压力P	Max load capacity P	100N/mm ²
适用最高温度	Applied MAX temperature	300°C
最高滑动速度	Maximum sliding speed	0.5m/s
硬 度	Hardness	>210HB
摩擦系数 μ	Friction coefficient μ	<0.16
允许最高PV值	Maximum PV value	1.65N/mm ² .m/s

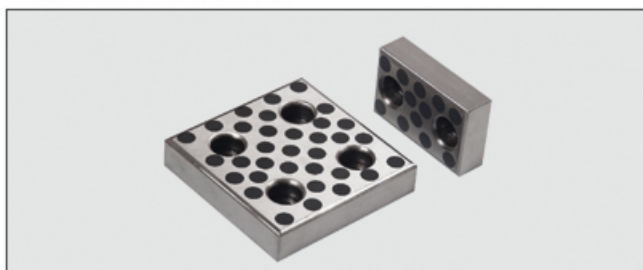
CFB05系列 (固体润滑轴承) SOLID LUBRICATING BEARING

CFB 055 固体润滑轴承
SOLID LUBRICATING BEARING

性能指标Performance index	有关数据Data
最大承载压力P Max load capacity P	40N/mm ²
适用最高温度 Applied MAX temperature	250°C
最高滑动速度 Maximum sliding speed	0.4m/s
硬 度 Hardness	>90HB
摩擦系数 μ Friction coefficient μ	<0.15
允许最高PV值 Maximum PV value	0.8N/mm ² .m/s

该产品以锡青铜为基体，表面按一定的角度和密度镶嵌特殊配方的固体润滑剂，经精密加工而成。产品主要应用于低载、高温、中速场合，如建筑机械、冶金机械、输送机械中的不加油润滑部位。

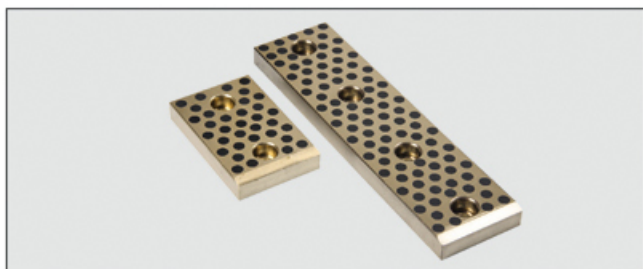
The product of tin bronze matrix, the surface density at a certain angle and specially formulated solid lubricants inlaid, made by precision machining. Products are mainly used in low load, high temperature, medium-speed applications, such as construction machinery, metallurgical machinery, transport machinery is not lubricated parts.

CFB 056 铁滑块
STEEL SLIDING BLOCK

性能指标Performance index	有关数据Data
最大承载压力P Max load capacity P	100N/mm ²
适用最高温度 Applied MAX temperature	400°C
最高滑动速度 Maximum sliding speed	0.5m/s
硬 度 Hardness	7HRC45
摩擦系数 μ Friction coefficient μ	0.08~0.20
允许最高PV值 Maximum PV value	0.8N/mm ² .m/s

该产品以铸铁为基体，表面按一定角度和密度镶嵌特殊配方的固体润滑剂，经精密加工而成，可应用于模具导柱，注塑机模架等领域。

The products of cast iron as substrate, the surface density at a certain angle and specially formulated solid lubricants inlaid, made by precision machining, guide post can be applied to the mold, injection molding machine mold and other fields.

CFB 057 铜滑块
COPPER SLIDING BLOCK

性能指标Performance index	有关数据Data
最大承载压力P Max load capacity P	100N/mm ²
适用最高温度 Applied MAX temperature	300°C
最高滑动速度 Maximum sliding speed	0.5m/s
硬 度 Hardness	>210HB
摩擦系数 μ Friction coefficient μ	<0.16
允许最高PV值 Maximum PV value	1.65N/mm ² .m/s

该产品是以特殊配方的高力黄铜、高强度铜合金、铝合金、锡青铜为基体，表面按一定角度和密度镶嵌特殊配方的固体润滑剂，经精密加工而成，应用领域广泛，性能指标参照CFB05系列技术参数。

The product is specially formulated high-strength brass, high-strength copper alloy, aluminum, tin bronze matrix, surface mounted at a certain angle and density of the solid lubricant specially formulated by precision machining has widespread applications, the situation series of technical indicators can refer to CFB05 parameters.

CFB08系列 (固体润滑轴承) SOLID LUBRICATING BEARING

CFB 080 青铜铸造轴承

CASTING BRONZE BUSHING



性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>230N/mm ²
屈服强度	Yield strength	>130N/mm ²
延伸率	Elongation	>9%
硬 度	Hardness	60~80HB
材 质	Material	SEA660

该产品以铜合金为基体，产品广泛应用于机器工具、农业机械、起重机、电动摩托、弹簧栓轴套、转向轴轴套和传动装置等。

The product of copper alloy substrate, products widely used in machine tools, agricultural machinery, cranes, electric motor, spring bolt bushings, steering shaft sleeve and the gear and so on.

CFB 081(美标95400) 铜合金铸造轴承

CASTING BRONZE BUSHING



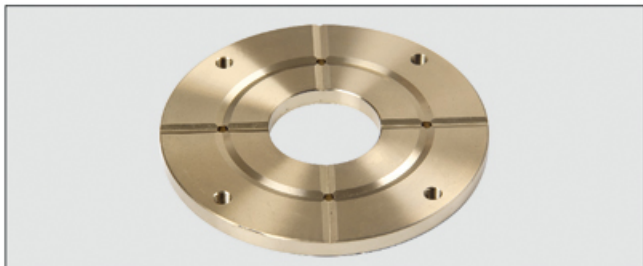
性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>518N/mm ²
屈服强度	Yield strength	>205N/mm ²
延伸率	Elongation	>12%
硬 度	Hardness	>170HB
材 质	Material	C95400

该产品以铜合金为基体，产品广泛应用于冶金机械、矿山机械、注塑机、船舶工业、航天航海、水轮机、气轮机、灌装设备、仪器仪表、纺织机械、模具行业等。

The product of copper alloy substrate, products widely used in metallurgical machinery, mining machinery, injection molding machines, shipbuilding, aerospace, marine, turbine, gas turbine, filling equipment, instruments, textile machinery, tooling industries.

CFB 081(美标95400) 青铜铸造止推垫圈

CASTING BRONZE BUSHING



性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>518N/mm ²
屈服强度	Yield strength	>205N/mm ²
延伸率	Elongation	>12%
硬 度	Hardness	>170HB
材 质	Material	C95400

该产品以铜合金为基体，产品广泛应用于冶金机械、矿山机械、注塑机、船舶工业、航天航海、水轮机、气轮机、灌装设备、仪器仪表、纺织机械、模具行业等。

The product of copper alloy substrate, products widely used in metallurgical machinery, mining machinery, injection molding machines, shipbuilding, aerospace, marine, turbine, gas turbine, filling equipment, instruments, textile machinery, tooling industries.

CFB08系列 (固体润滑轴承) SOLID LUBRICATING BEARING

CFB 081(美标95400) 铜合金铸造轴瓦

CASTING BRONZE BUSHING



性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>758N/mm ²
屈服强度	Yield strength	>425N/mm ²
延伸率	Elongation	>12%
硬度	Hardness	>210HB
材质	Material	C95400

该产品以铜合金为基体，产品广泛应用于冶金机械、矿山机械、注塑机、船舶工业、航天航海、水轮机、气轮机、灌装设备、仪器仪表、纺织机械、模具行业等。

The product of copper alloy substrate, products widely used in metallurgical machinery, mining machinery, injection molding machines, shipbuilding, aerospace, marine, turbine, gas turbine, filling equipment, instruments, textile machinery, tooling industries.

CFB 082(美标95500) 铜合金铸造轴承

CASTING BRONZE BUSHING



性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>758N/mm ²
屈服强度	Yield strength	>414N/mm ²
延伸率	Elongation	>12%
硬度	Hardness	200HB
材质	Material	C95500

该产品以铜合金为基体，产品广泛应用于冶金机械、矿山机械、注塑机、船舶工业、航天航海、水轮机、气轮机、灌装设备、仪器仪表、纺织机械、模具行业等。

The product of copper alloy substrate, products widely used in metallurgical machinery, mining machinery, injection molding machines, shipbuilding, aerospace, marine, turbine, gas turbine, filling equipment, instruments, textile machinery, tooling industries.

CFB 083(美标86300) 铜合金铸造轴承

CASTING BRONZE BUSHING



性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>758N/mm ²
屈服强度	Yield strength	>425N/mm ²
延伸率	Elongation	>12%
硬度	Hardness	>210HB
材质	Material	C86300

该产品以铜合金为基体，产品广泛应用于冶金机械、矿山机械、注塑机、船舶工业、航天航海、水轮机、气轮机、灌装设备、仪器仪表、纺织机械、模具行业等。

The product of copper alloy substrate, products widely used in metallurgical machinery, mining machinery, injection molding machines, shipbuilding, aerospace, marine, turbine, gas turbine, filling equipment, instruments, textile machinery, tooling industries.

CFB06系列 (ST系列与新产品) ST SERIES AND NEW PRODUCTS



CFB06系列

ST系列与新产品

ST SERIES AND NEW PRODUCTS

CFB060 弹簧钢套

SPRINGSTEEL BUSHING



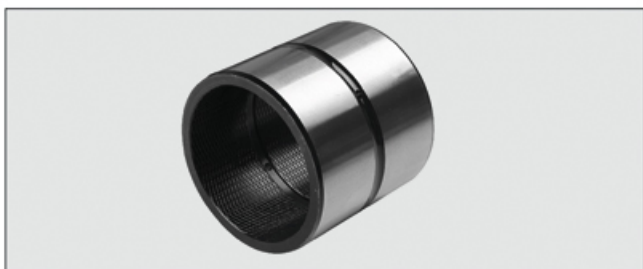
性能指标Performance index		有关数据Data
拉伸强度	Tensile strength	>230N/mm ²
屈服强度	Yield strength	>130N/mm ²
延伸率	Elongation	>9%
材 质	Material	SAE660(65Mn)
表面硬度	Hardness	≥700HV
弹性系数	Coefficient of elasticity	93KN/mm ²

弹簧钢套，又称张力轴套，它是一种用50CrV4或65Mn作为材质，经过特殊工艺处理，采用锯齿状接缝，具有高强度、高承载力、高抗冲击力的卷制轴套。产品广泛应用于起重机、吊装机、抓斗机等低速重载设备的关节部位。

Spring steel sleeve, also known as tension sleeve, it is a material with 50CrV4 or 65Mn as through special treatment, the use of jagged seams with high strength, high capacity, high-impact pressure roll sleeve. Products are widely used crane, lifting machine, grab machines and other heavy equipment low joints.

CFB061(ST) 网纹钢套

MESH SCREWED STEEL BUSHING



性能指标Performance index		有关数据Data
材 质	Material	45、40Cr,ect.
硬 度	Hardness	40~46HRC
热处理方式	Heat treatment	整体淬火、内表面可作磷化处理 Overall quenched, inner surface can be phosphatized.
摩擦系数	Friction coefficient	<0.17
最高使用温度	Max temperature	350℃
极限动载荷	Max load capacity	250KN/mm ²

新一代工程机械轴套产品。能很好地避免轴套内表面的润滑盲区，由于油线密布，储油丰富，可有效延长加油间隔时间，具有较高的抗压、耐磨性能和优异的润滑性能，适用于挖掘机、装载机、抓斗机等工程机械的重要关节部位。

A new generation of engineering machinery sleeve products. Can well avoid the sleeve inner surface of the blind spot of lubrication, the oil line clouds, oil-rich, which can effectively extend the refueling interval, with high compressive strength, abrasion resistance and excellent lubricity for excavators, loaders and other construction machinery important joints.

CFB06系列 (ST系列与新产品) ST SERIES AND NEW PRODUCTS

CFB062 无缝钢套
SEAMLESS STEEL BUSHING

性能指标Performance index	有关数据Data
材 质 Material	45、40Cr、20、20Cr等低碳、中碳钢及低碳、中碳合金钢
硬 度 Hardness	>130N/mm ²
热处理方式 Heat treatment	淬火、渗碳淬火、内孔高频淬火，内表面可作磷化处理
摩擦系数 Friction coefficient	<0.17
最高使用温度 Max temperature	350°C
极限动载荷 Max load capacity	250KN/mm ²

该产品具有很高的抗压、耐磨性能，适用于挖掘机、起重机等工程机械的重载关节部位等。

The product has a high compressive strength, wear resistance, suitable for excavators, cranes and other heavy construction machinery and other joints.

CFB063 不锈钢关节球轴承
STAINLESS STEEL BALL JOINTS BEARING

性能指标Performance index	有关数据Data
材 质 Material	45、40Cr
硬 度 Hardness	>130N/mm ²
热处理方式 Heat treatment	淬火、渗碳淬火、内孔高频淬火，内表面可作磷化处理
摩擦系数 Friction coefficient	干摩擦 0.1~0.25 油润滑 0.05~0.08
最高使用温度 Max temperature	800°C
极限动载荷 Max load capacity	250KN/mm ²

该产品具有很高的抗压、耐磨性能，适用于船舶工业、水轮机、气轮机、水利工程等耐腐蚀部位。

The product has a high compressive strength, wear resistance, suitable for the shipbuilding industry, turbine, gas turbine, water conservancy and other corrosion-resistant parts.

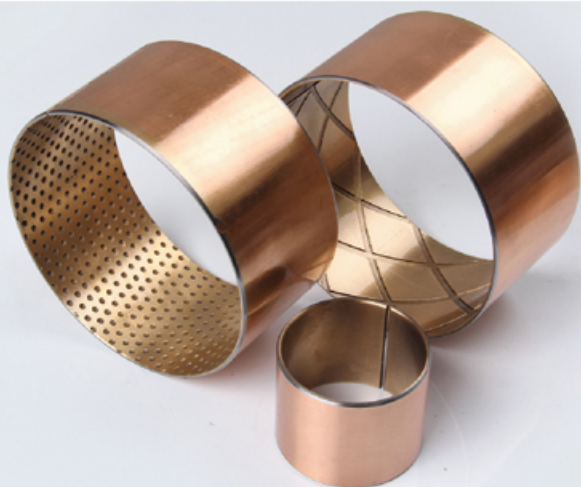
CFB064 纤维缠绕轴承
FILAMENT WOUND BEARING

性能指标Performance index	有关数据Data
最大抗压强度 Maximum compressive strength	379N/mm ²
最大静载荷 Maximum static load	138N/mm ²
最大动载荷 Maximum dynamic load	138N/mm ²
最大滑动速度 Maximum sliding speed	2.50 m/s
最大PV系数 Maximum PV factor	1.23N/mm ² .m/s
最高温度 Maximum temperature	204°C
最低温度 Minimum temperature	-196°C

该材料是由聚四氟乙烯PTFE和高强度玻璃纤维缠绕而成的材料，它可广泛应用于要求干摩擦的或带润滑的轴承。主要用于越野车、农用车、或汽车设备、建筑设备、高空起重机、风车、原料处理装置、阀、纺织设备、机械和液压机、水循环装置、水处理装置、包装机等。

The material is made from PTFE and PTFE wound from high-strength glass fiber material, it can be widely used in requirements or with dry friction bearing lubrication. Mainly used for off-road vehicles, agricultural vehicles, or automotive equipment, construction equipment, aerial crane, windmill, material handling equipment, valves, textile equipment, mechanical and hydraulic machines, water circulation equipment, water treatment equipment, packaging machines.

CFB07系列 (自润滑双金属轴承) BI-METAL SELF-LUBRICATING BEARING



CFB07系列

自润滑双金属轴承

BI-METAL SELF-LUBRICATING BEARING

CFB071 自润滑双金属轴承

BI-METAL SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	200N/mm ² 80N/mm ²
最大线速度V Max line speed V		0.25m/s
最高PV值 Maximum PV value		0.8N/mm ² ·m/s
摩擦系数μ Friction coef μ	干摩擦Dry friction 油润滑Oil lubricator	0.13~0.18 0.11~0.16
工作温度 Working temperature		-150°C~+280°C
线膨胀系数 Coefficient of linear expansion		13.5x10 ⁻⁶ /K
抗压强度 Compressive strength		300N/mm ²
硬度 Hardness		>40HB
成份 Ingredients		CuSn 10Pb10

该产品以优质低碳钢为基体，表面烧结青铜合金，合金层内均匀地分布固体润滑剂，合金层表面可根据实际需要，可覆盖一层固体润滑膜，产品具有较低的摩擦系数，较好地自润滑、耐磨损、抗咬合等性能，应用于高负载场合。

The product is high quality low carbon steel substrate, sintered bronze alloy, alloy layer evenly distributed solid lubricant, the surface alloy layer may be based on actual needs, can be covered with a layer of solid lubricant film, the product has a low coefficient of friction than well to self-lubricating, wear-resistant, anti-seize properties, used in high load situations.

CFB072 自润滑双金属轴承

BI-METAL SELF-LUBRICATING BEARING



性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	200N/mm ² 80N/mm ²
最大线速度V Max line speed V		0.25m/s
最高PV值 Maximum PV value		0.8N/mm ² ·m/s
摩擦系数μ Friction coef μ	干摩擦Dry friction 油润滑Oil lubricator	0.13~0.18 0.11~0.16
工作温度 Working temperature		-150°C~+280°C
线膨胀系数 Coefficient of linear expansion		17.5x10 ⁻⁶ /K
抗压强度 Compressive strength		320N/mm ²
硬度 Hardness		>40HB
成份 Ingredients		CuSn 10Pb10

产品以优质不锈钢为基体，表面烧结铅青铜合金，合金层内均匀地分布固体润滑剂，合金层表面可根据实际需要，可覆盖一层固体润滑膜，产品具有较低的摩擦系数，较好的自润滑、耐磨损和抗咬合等性能，应用于高负载、污染环境及水或其它液体中。

Products to high-quality stainless steel substrate, the surface of sintered lead bronze alloy, alloy layer evenly distributed solid lubricant, the surface alloy layer may be based on actual needs, can be covered with a layer of solid lubricant film, the product has a low friction coefficient, the better self-lubricating, wear-resistant and anti-seize properties, for high load, pollution of the environment and water or other liquids.

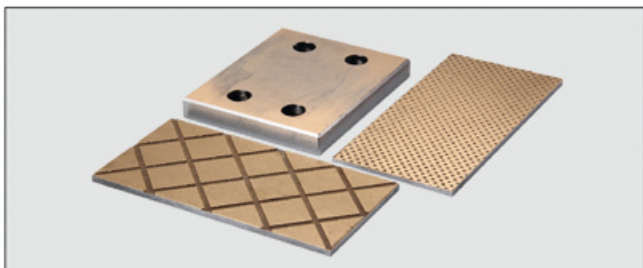
CFB07系列 (自润滑双金属轴承) BI-METAL SELF-LUBRICATING BEARING

CFB073 自润滑双金属轴承
BI-METAL SELF-LUBRICATING BEARING

性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	200N/mm ² 80N/mm ²
最大线速度V Max line speed V		0.25m/s
最高PV值 Maximum PV value		0.8N/mm ² .m/s
摩擦系数 μ Friction coef μ	干摩擦Dry friction 油润滑Oil lubricator	0.13~0.18 0.11~0.16
工作温度 Working temperature		-150°C~+280°C
线膨胀系数 Coefficient of linear expansion		17.5x10 ⁻⁶ /K
抗压强度 Compressive strength		320N/mm ²
硬度 Hardness		>40HB
成份 Ingredients		CuSn 10Pb10

该产品以高密度铜合金为基体，表面烧结青铜合金，合金层内均匀地分布固体润滑剂，合金层表面可根据实际需要，可覆盖一层固体润滑膜，产品具有较低的摩擦系数，较好地自润滑、耐磨损、抗咬合等性能，应用于高负载场合。

The product is high quality low carbon steel substrate, sintered bronze alloy, alloy layer evenly distributed solid lubricant, the surface alloy layer may be based on actual needs, can be covered with a layer of solid lubricant film, the product has a low coefficient of friction than well to self-lubricating, wear-resistant, anti-seize properties, used in high load situations.

CFB074 自润滑双金属滑板
BI-METAL SELF-LUBRICATING BEARING

性能指标Performance index		有关数据Data
最大承载压力P Max load capacity P	静载Static load 动载Dynamic load	200N/mm ² 80N/mm ²
最大线速度V Max line speed V		0.25m/s
最高PV值 Maximum PV value		0.8N/mm ² .m/s
摩擦系数 μ Friction coef μ	干摩擦Dry friction 油润滑Oil lubricator	0.13~0.18 0.11~0.16
工作温度 Working temperature		-150°C~+280°C
线膨胀系数 Coefficient of linear expansion		17.5x10 ⁻⁶ /K
抗压强度 Compressive strength		320N/mm ²
硬度 Hardness		>40HB
成份 Ingredients		CuSn 10Pb10

产品以优质低碳钢为基体，表面烧结铅青铜合金，合金层内均匀地分布固体润滑剂，合金层表面可根据实际需要，可覆盖一层固体润滑膜，产品具有较低的摩擦系数，较好的自润滑、耐磨损和抗咬合等性能，应用于高负载、污染环境及水或其它液体中。

Products to high-quality stainless steel substrate, the surface of sintered lead bronze alloy, alloy layer evenly distributed solid lubricant, the surface alloy layer may be based on actual needs, can be covered with a layer of solid lubricant film, the product has a low friction coefficient, the better self-lubricating, wear-resistant and anti-seize properties, for high load, pollution of the environment and water or other liquids.

技术参数 Specifications		CFB071	CFB072	CFB073
金属基体 Metal matrix		钢基	不锈钢	铜基
耐磨层最大承载 Wear-resistant layer of maximum load	成份 Ingredients	CuSn 10Pb10	CuSn 10Pb10	CuSn 10Pb10
	固体润滑剂 Solid lubricant	8~10%	8~10%	8~10%
	硬度 Hardness	>40HB	>40HB	>40HB
	抗压强度 Compressive strength	300N/mm ²	300N/mm ²	300N/mm ²
	静承载 Static	50N/mm ²	50N/mm ²	50N/mm ²
	动承载 Dynamic load	30N/mm ²	30N/mm ²	30N/mm ²
最快速度 Fastest		0.5m/s	0.5m/s	0.5m/s
最大(PV) Maximum(PV)		1.5N/mm ² .m/s	1.5N/mm ² .m/s	1.5N/mm ² .m/s
摩擦系数 Friction coefficient		0.08~0.22 μ	0.08~0.22 μ	0.08~0.22 μ
使用温度 Temperature		-150°C~+280°C	-150°C~+280°C	-150°C~+280°C

CFB09系列 (青铜卷制轴承) WRAPPED BRONZE BEARING



CFB09系列

青铜卷制轴承

WRAPPED BRONZE BEARING

CFB 090(FB090) 青铜卷制轴承
WRAPPED BRONZE BEARING

该产品以特殊配方的高密度铜合金为基体，表面轧制菱形或球形油穴，它有高密度，良好承载压力及很好的耐磨性。产品适用于起重机械、建筑机械、采矿机械等。

The product is a special formulation of high-density copper alloy substrate, diamond-shaped or spherical surface rolling oil hole, it has a high density, good load pressure and good wear resistance. Product is suitable for lifting machinery, construction machinery, mining machinery.

性能指标Performance index		有关数据Data
密度	Density	8.8 g/cm ³
抗压强度	Pressure resistance strength	470N/mm ²
导热系数	Coefficient of heat conduction	58W/(M·K)
线膨胀系数	Linear expansion coefficient	18.5x10 ⁻⁶ /K
硬度	Hardness	90~120HB
延伸率	Elongation	40%
材料名称	Alloy material	CuSn8P

CFB 091 (FB091) 黄铜卷制轴承
WRAPPED BRONZE BEARING

该产品以特殊配方的高密度合金为基体，表面可根据客户要求轧制油穴或油槽等。它有较强的承载压力，很好的耐磨性，产品适用于建筑机械、机床工业等。

The product is a special formulation of high-density alloy substrate surface according to customer requirements such as rolling oil hole or tank. It has high bearing pressure, good abrasion resistance, is suitable for construction machinery, machine tools industry.

性能指标Performance index		有关数据Data
密度	Density	8.4 g/cm ³
抗压强度	Pressure resistance strength	440N/mm ²
导热系数	Coefficient of heat conduction	71W/(M·K)
线膨胀系数	Linear expansion coefficient	19.2x10 ⁻⁶ /K
硬度	Hardness	80~110HB
延伸率	Elongation	30%
材料名称	Alloy material	CuZn31Si

CFB09系列 (青铜卷制轴承) WRAPPED BRONZE BEARING

CFB 092 (FB092) 青铜卷制轴承
WRAPPED BRONZE BEARING

该产品是在COB090材料的基础上改进而成。表面按一定的角度和密度有序地排列润滑通孔。它具有延长使用期及润滑间隔频率，减少磨损等优点。

The product is in COB090 improved on the basis of materials, the surface density at a certain angle and orderly arrangement of lubrication hole. It has to extend the lifetime and frequency of lubrication intervals and reduce the wear and tear and so on.

性能指标Performance index		有关数据Data
密度	Density	8.8 g/cm ³
抗压强度	Pressure resistance strength	470N/mm ²
导热系数	Coefficient of heat conduction	58W/(M·K)
线膨胀系数	Linear expansion coefficient	18.5x10 ⁻⁶ /K
硬度	Hardness	90~120HB
延伸率	Elongation	40%
材料名称	Alloy material	CuSn8P

CFB 095 (FB090G) 青铜卷制轴承
WRAPPED BRONZE BEARING

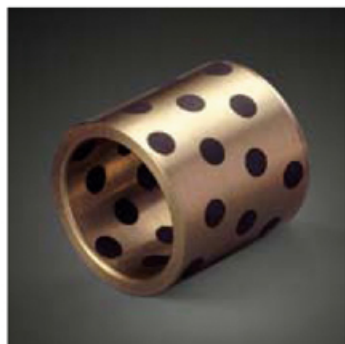
该产品是在COB090为基础，在表面菱形油穴内埋入特殊的固体润滑剂。它具有很低的摩擦系数，较好的耐磨性等优点，能在无油或少油的条件下工作。

The product is based on COB090, embedded in the surface of the diamond oil Cave special solid lubricant. It has a very low coefficient of friction, good wear resistance, etc., no oil or less oil in the conditions.

性能指标Performance index		有关数据Data
密度	Density	8.3 g/cm ³
抗压强度	Pressure resistance strength	470N/mm ²
导热系数	Coefficient of heat conduction	58W/(M·K)
线膨胀系数	Linear expansion coefficient	18.5x10 ⁻⁶ /K
硬度	Hardness	90~120HB
延伸率	Elongation	40%
材料名称	Alloy material	CuSn8P

CFB050 轴套

Cylindrical bushes (内径I.D $\varnothing 6 \sim \varnothing 200$)



请从适用的内径、外径、长度中选择零件号

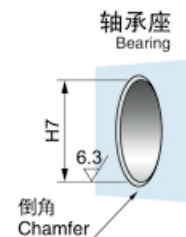
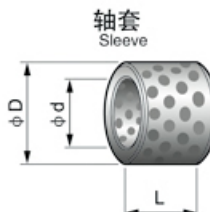
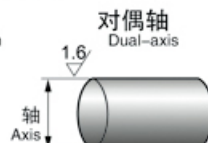
(例)内径25mm、外径33mm、长度20mm的情况下

From the appropriate diameter, diameter, length, select the Part Number

(Cases) diameter 25mm, outer diameter 33mm, length 20mm case

CFB - 253320

请指定上述零件号
Please specify the part number



轴 Axis

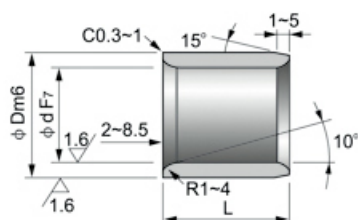
d8:一般用(高负荷) General use (high load)

e7:一般用(低负荷) General use (low load)

f7:高精度用 Precision with

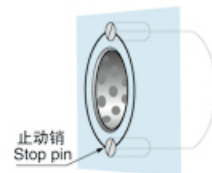
内径		外径		长度 L ^{-0.1} _{-0.3}							
∅ d		∅ D		8	10	12	15	16	19	20	25
6	+0.022 +0.010	10	+0.015 +0.006	061008	061010	061012					
8	+0.028 +0.013	12	+0.018 +0.007	081208	081210	081212	081215				
10	"	14	"	101408	101410	101412	101415			101420	
12	+0.034 +0.016	18	"	121808	121810	121812	121815	121816	121819	121820	121825
13	"	19	+0.021 +0.008		131910	131912	131915			131920	131925
14	"	20	"		142010	142012	142015			142020	142025
15	"	21	"		152110	152112	152115	152116		152120	152125
16	"	22	"		162210	162212	162215	162216	162219	162220	162225
17	"	23	"				172315				
18	"	24	"		182410	182412	182415	182416		182420	182425
19	+0.041 +0.020	26	"				192615			192620	
20	"	28	"		202810	202812	202815	202816	202819	202820	202825
"	"	30	"		203010	203012	203015	203016		203020	203025
22	"	32	+0.025 +0.009			223212	223215			223220	223225
25	"	33	"			253312	253315	253316		253320	253325
"	"	35	"			253512	253515	253516		253520	253525
28	"	38	"							283820	283825
30	"	"	"			303812	303815			303820	303825
"	"	40	"			304012	304015			304020	304025
31.5	+0.050 +0.025	"	"								
32	"	42	"							324220	
35	"	44	"							354420	354425
"	"	45	"							354520	354525
38	"	48	"								
40	"	50	"				405015			405020	405025
"	"	55	+0.030 +0.011				405515				
45	"	"	"								
"	"	56	"								
"	"	60	"								

※压入后内径公差为参考值。



- 能在旋转、摇动以及往复运动中使用。
- 不能在海水中使用。
- 内径31.5mm · 63mm的轴套能适用于油压气缸中间轴套颈套上。
- In rotation, shaking, and the use of reciprocating motion.
- Can not be used in seawater.
- The diameter of 31.5mm · 63mm hydraulic cylinder sleeve can be applied to the intermediate sleeve put on the neck.

为了防止脱落。推荐使用止动销
In order to prevent loss. Recommended retaining pin



内径		外径		长度 L $\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$							
ϕd		ϕD		20	30	35	40	50	60	70	80
50	$\begin{smallmatrix} +0.050 \\ +0.025 \end{smallmatrix}$	60	$\begin{smallmatrix} +0.030 \\ +0.011 \end{smallmatrix}$	506020	506030	506035	506040	506050	506060	506070	506080
"	"	62	"		506230	506235	506240	506250	506260	506270	506280
"	"	65	"		506530		506540	506550	506560	506570	506580
55	$\begin{smallmatrix} +0.060 \\ +0.030 \end{smallmatrix}$	70	"		557030	557035	557040	557050	557060	557070	
60	"	74	"		607430	607435	607440	607450	607460	607470	607480
"	"	75	"		607530	607535	607540	607550	607560	607570	607580
63	"	"	"						637560	637570	637580
65	"	80	"				658040	658050	658060	658070	658080
70	"	85	$\begin{smallmatrix} +0.035 \\ +0.013 \end{smallmatrix}$		708530	708535	708540	708550	708560	708570	708580
"	"	90	"					709050	709060	709070	709080
75	"	"	"					759050	759060	759070	759080
"	"	95	"						759560	759570	759580
80	"	96	"				809640	809650	809660	809670	809680
"	"	100	"				8010040	8010050	8010060	8010070	8010080
85	$\begin{smallmatrix} +0.071 \\ +0.036 \end{smallmatrix}$	"	"						8510060		8510080
90	"	110	"					9011050	9011060		9011080
100	"	120	"					10012050	10012060	10012070	10012080
110	"	130	$\begin{smallmatrix} +0.040 \\ +0.015 \end{smallmatrix}$					11013050		11013070	11013080
120	"	140	"							12014070	12014080
125	$\begin{smallmatrix} +0.083 \\ +0.043 \end{smallmatrix}$	145	"								
130	"	150	"								13015080
140	"	160	"								
150	"	170	"								15017080
160	"	180	"								16018080
170	"	190	$\begin{smallmatrix} +0.046 \\ +0.017 \end{smallmatrix}$								
180	"	200	"								
190	$\begin{smallmatrix} +0.096 \\ +0.050 \end{smallmatrix}$	210	"								
200	"	230	"								

CFBF**050法兰轴套**
Flanged bushes

请从适用的内径、外径、长度中选择零件号
(例)内径50mm、长度30mm的情况下

From the appropriate diameter, diameter, length, select the Part Number
(Cases) diameter50mm, length 30mm case

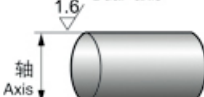
CFBF - 5030

请指定上述零件号
Please specify the part number

运动方向
Direction of motion



对偶轴
Dual-axis



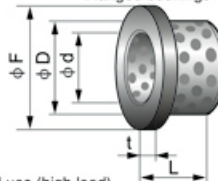
轴 Axis

d8:一般用(高负荷) General use (high load)

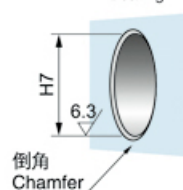
e7:一般用(低负荷) General use (low load)

f7:高精度用 Precision with

法兰轴套
Flanged bushings



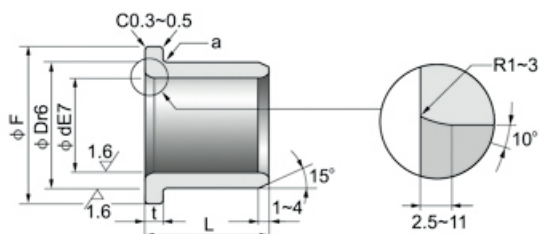
轴承座
Bearing



倒角
Chamfer

内径	外径	法兰	长度 L ^{-0.1} / _{-0.3}									
∅d	∅D	∅F	t	10	12	15	17	18	20	23	25	
6 ^{+0.032} / _{+0.020}	10 ^{+0.028} / _{+0.019}	16	2 ⁰ / _{-0.1}	0610	0612							
8 ^{+0.040} / _{+0.025}	12 ^{+0.034} / _{+0.023}	20	"	0810	0812	0815						
10	14	22	"	1010	1012	1015	1017		1020			
12 ^{+0.050} / _{+0.032}	18	25	3	1210	1212	1215			1220		1225	
13	19 ^{+0.041} / _{+0.028}	26	"	1310	1312	1315			1320		1325	
14	20	27	"			1415			1420		1425	
15	21	28	"	1510	1512	1515			1520		1525	
16	22	29	"		1612	1615		1618	1620	1623	1625	
18	24	32	"			1815			1820		1825	
20 ^{+0.061} / _{+0.040}	30	40	5			2015			2020		2025	
25	35 ^{+0.050} / _{+0.034}	45	"			2515			2520		2525	
30	40	50	"						3020		3025	
31.5 ^{+0.075} / _{+0.050}	"	"	"						3120			
35	45	60	"						3520		3525	
40	50	65	"						4020		4025	
45	55 ^{+0.060} / _{+0.041}	70	"									
50	60	75	"									
55 ^{+0.090} / _{+0.060}	65	80	"									
60	75 ^{+0.062} / _{+0.043}	90	7.5									
63	"	85	"									
65	80	95	"									
70	85 ^{+0.073} / _{+0.051}	105	"									
75	90	110	"									
80	100	120	10									
90 ^{+0.107} / _{+0.072}	110 ^{+0.076} / _{+0.054}	130	"									
100	120	150	"									
120	140 ^{+0.088} / _{+0.063}	170	"									
130 ^{+0.125} / _{+0.085}	150 ^{+0.090} / _{+0.065}	180	"									
140	160	190	"									
150	170 ^{+0.093} / _{+0.068}	200	"									
160	180	210	"									

※压入后内径公差为参考值。Pressed into the bore tolerance after the reference value.



a:凸缘下端倒角(mm)
Chamfered at the lower end

Ød	~ 1.6	~ 55	~ 160
a	R0.3	R0.5	R1

- 能使用与旋转，摇动运动以及往复运动。
 - 在法兰部分由于没有镶嵌润滑剂，不能承受轴向负重。
 - 请避免在海水中使用。
 - 内径31.5mm・63mm是油压气缸中间轴劲套上使用的产品。
-
- Can be used with rotary, reciprocating shaking motion and movement.
 - Embedded in the flange part because there is no lubricant, not axial load.
 - Avoid use in seawater.
 - Diameter 31.5mm・63mm hydraulic cylinder is put on the intermediate shaft using fresh products.

长度 L ^{+0.1} _{-0.3}									压入后 内径公差	内径
30	35	40	50	60	67.5	80	100	120		∅d
									+0.016 +0.004	6
									+0.021 +0.006	8
									"	10
1230									+0.031 +0.013	12
1330									+0.026 +0.008	13
									"	14
1530									"	15
1630	1635	1640							"	16
1830	1835	1840							"	18
2030	2035	2040							+0.037 +0.016	20
2530	2535	2540	2550						+0.032 +0.011	25
3030	3035	3040	3050						"	30
3130	3135	3140							+0.046 +0.021	31.5
3530	3535	3540	3550						"	35
4030	4035	4040	4050						"	40
4530	4535	4540	4550	4560					+0.040 +0.015	45
5030	5035	5040	5050	5060					"	50
		5540		5560					+0.055 +0.025	55
		6040	6050	6060		6080			+0.053 +0.023	60
					6367				"	63
				6560					"	65
			7050			7080			+0.046 +0.016	70
				7560					"	75
				8060		8080	80100		"	80
				9060		9080			+0.060 +0.025	90
						10080	100100		"	100
						12080	120100		+0.052 +0.017	120
						13080	130100		+0.068 +0.028	130
						14080	140100		"	140
							150100	150120	+0.065 +0.025	150
							160100	160120	"	160

CFBW

止推垫圈

Thrust washers



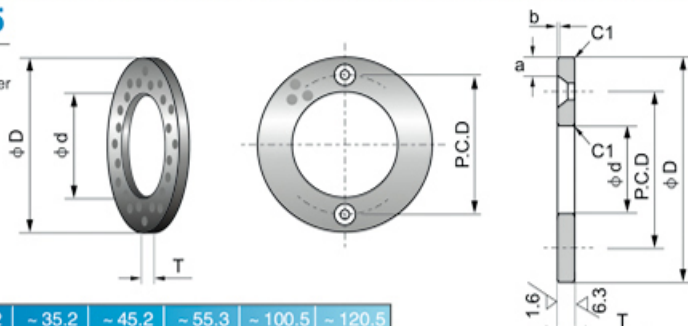
●能与CFB050组合使用。
Used in combination with CFB050.

请从适用的内径、外径、长度中选择零件号
(例)内径30.2mm、厚度5mm的情况下

From the appropriate diameter, diameter, length, select the Part Number
(Cases) diameter 30.2mm, case thickness of 5mm

CFBW - 3005

请指定上述零件号
Please specify the part number



a b : 端面倒角 (mm)

a b : End chamfer (mm)

ϕd	~ 10.2	~ 18.2	~ 35.2	~ 45.2	~ 55.3	~ 100.5	~ 120.5
a	1.5	2	2.5	3	4	5	4
b	0.3	0.4	0.4	0.5	0.6	0.8	0.8

Parts No.	内径		外径	厚度		定位孔		
	ϕd		ϕD	T		P.C.D	个数	定位螺栓
CFBW-0603	6.2	$+0.2$ $+0.1$	25	3	0 -0.1	15	2	M3
CFBW-0803	8.2	"	28	"	"	18	"	"
CFBW-1003	10.2	"	30	"	"	20	"	"
CFBW-1203	12.2	"	40	"	"	28	"	"
CFBW-1203N	"	"	"	"	"	无定位孔		
CFBW-1303	13.2	"	"	"	"	28	2	M3
CFBW-1403	14.2	"	"	"	"	"	"	"
CFBW-1503	15.2	"	50	"	"	35	"	"
CFBW-1603	16.2	"	"	"	"	"	"	"
CFBW-1603N	"	"	"	"	"	无定位孔		
CFBW-1803	18.2	"	"	"	"	35	2	M3
CFBW-2005	20.2	"	"	5	"	"	"	M5
CFBW-2505	25.2	"	55	"	"	40	"	"
CFBW-2505N	"	"	"	"	"	无定位孔		
CFBW-3005	30.2	"	60	"	"	45	2	M5
CFBW-3005N	"	"	"	"	"	无定位孔		
CFBW-3505	35.2	"	70	"	"	50	2	M5
CFBW-4007	40.2	$+0.2$ $+0.1$	80	7	0 -0.1	60	2	M6
CFBW-4507	45.2	"	90	"	"	70	"	"
CFBW-5008	50.3	$+0.3$ $+0.1$	100	8	"	75	4	"
CFBW-5508	55.3	"	110	"	"	85	"	"
CFBW-6008	60.3	"	120	"	"	90	"	M8
CFBW-6508	65.3	"	125	"	"	95	"	"
CFBW-7010	70.3	"	130	10	"	100	"	"
CFBW-7510	75.3	"	140	"	"	110	"	"
CFBW-8010	80.3	"	150	"	"	120	"	"
CFBW-9010	90.5	"	170	"	"	140	"	M10
CFBW-10010	100.5	"	190	"	"	160	"	"
CFBW-12010	120.5	"	200	"	"	175	"	"

CFBP

滑块

Wear plate-20mm thick



- 运动方向为纵横两方向
Both vertical and horizontal direction
of motion direction

请从适用的长度、宽度、厚度中选择零件号

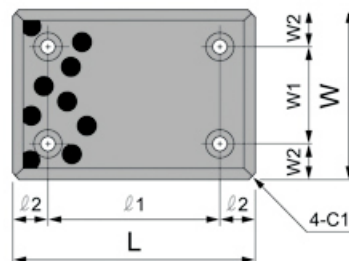
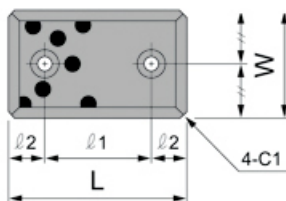
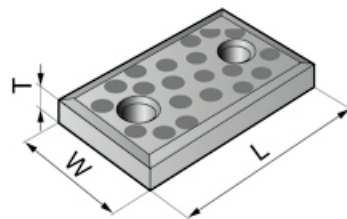
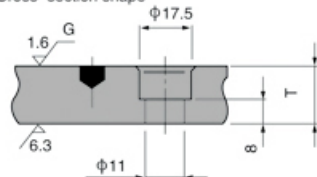
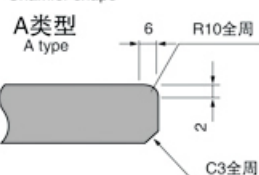
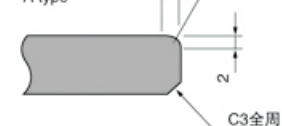
(例)内径25mm、外径33mm、长度20mm的情况下

From the appropriate diameter, diameter, length, select the Part Number

(Cases) diameter 25mm, outer diameter 33mm, length 20mm case

CFBP - 75200

请指定上述零件号
Please specify the part number

运动方向
Direction of motion断面形状
Cross-section shape倒角形状
Chamfer shapeB类型
A type

Parts No.	宽		长度		厚度		定位孔间隙						定位孔 个数	倒角 形状
	W		L		T		W ₁		W ₂	ℓ ₁		ℓ ₂		
CFBP-4875	48	$\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$	75	$\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$	20	± 0.025	—	± 0.2	—	45	± 0.2	15	2	B
CFBP-48100	"	"	100	"	"	"	"	"	"	50	"	25	"	"
CFBP-48125	"	"	125	"	"	"	"	"	"	75	"	"	"	"
CFBP-48150	"	"	150	"	"	"	"	"	"	100	"	"	"	"
CFBP-7575B	75	"	75	"	"	"	"	"	"	25	"	"	"	A
CFBP-75100B	"	"	100	"	"	"	"	"	"	50	"	"	"	"
CFBP-75125	"	"	125	"	"	"	"	"	"	75	"	"	"	"
CFBP-75150	"	"	150	"	"	"	"	"	"	100	"	"	"	"
CFBP-75200	"	"	200	"	"	"	"	"	"	150	"	"	"	"
CFBP-100100	100	"	100	"	"	"	50	"	25	50	"	"	4	"
CFBP-100125	"	"	125	"	"	"	"	"	"	75	"	"	"	"
CFBP-100150	"	"	150	"	"	"	"	"	"	100	"	"	"	"
CFBP-100200	"	"	200	"	"	"	"	"	"	150	"	"	"	"
CFBP-100250	"	"	250	"	"	"	"	"	"	200	"	"	"	"
CFBP-125150	125	"	150	"	"	"	"	"	37.5	100	"	"	"	"
CFBP-125200	"	"	200	"	"	"	"	"	"	150	"	"	"	"
CFBP-125250	"	"	250	"	"	"	"	"	"	200	"	"	"	"
CFBP-150150	150	"	150	"	"	"	100	"	25	100	"	"	"	"
CFBP-150200	"	"	200	"	"	"	"	"	"	150	"	"	"	"
CFBP-150250	"	"	250	"	"	"	"	"	"	200	"	"	"	"

CFBP

滑块

Wear plate-10mm thick

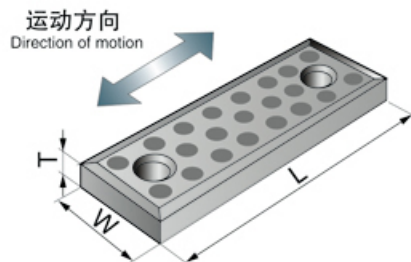


●运动方向为长度方向
Movement direction of the length

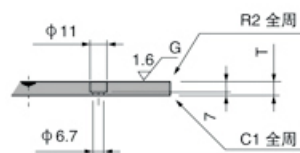
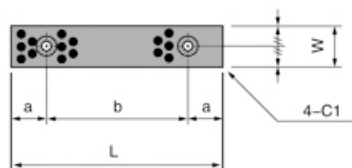
请从适用的长度、宽度、厚度中选择零件号 From the appropriate length, width, thickness, select the Part Number
(例)宽28mm、长度150mm的情况下 (Cases) Width 28mm, length 150mm in the case

CFBP - 28150

请指定上述零件号
Please specify the part number



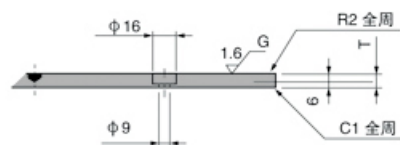
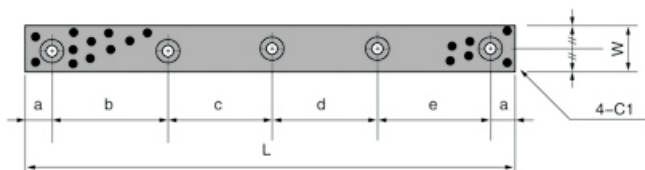
W=18、28、38、48



断面形状
Cross-section shape

Parts No.	宽	长度	厚度		定位孔间隙		定位螺栓	
	W	L	T		a	b	种类	个数
CFBP-1875	18	75	10	+0.04 +0.01	15	45	M6 内六角螺栓	2
CFBP-18100	"	100	"	"	25	50	"	"
CFBP-18125	"	125	"	"	"	75	"	"
CFBP-18150	"	150	"	"	"	100	"	"
CFBP-2875	28	75	"	"	15	45	"	"
CFBP-28100	"	100	"	"	25	50	"	"
CFBP-28125	"	125	"	"	"	75	"	"
CFBP-28150	"	150	"	"	"	100	"	"
CFBP-3875	38	75	"	"	15	45	"	"
CFBP-38100	"	100	"	"	25	50	"	"
CFBP-38125	"	125	"	"	"	75	"	"
CFBP-38150	"	150	"	"	"	100	"	"
CFBP-4875	48	75	"	"	15	45	"	"
CFBP-48100	"	100	"	"	25	50	"	"
CFBP-48125	"	125	"	"	"	75	"	"
CFBP-48150	"	150	"	"	"	100	"	"

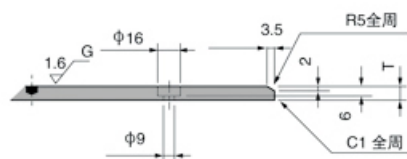
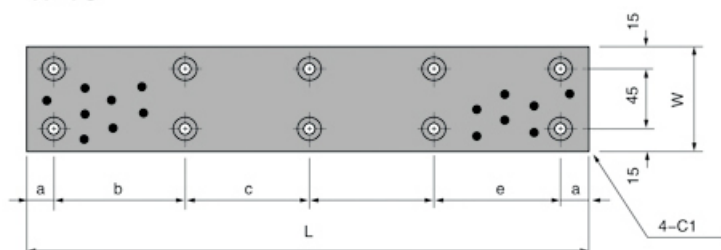
W=35、50



断面形状
Cross-section shape

Parts No.	宽	长度	厚度		定位孔间隙					定位螺栓	
	W	L	T		a	b	c	d	e	种类	个数
CFBP-35100	35	100	10	± 0.025	20	60	—	—	—	M8 平头小螺栓	2
CFBP-35150	"	150	"	"	"	55	55	"	"	"	3
CFBP-35200	"	200	"	"	"	"	50	55	"	"	4
CFBP-35250	"	250	"	"	"	70	70	70	"	"	"
CFBP-35300	"	300	"	"	"	65	65	65	65	"	5
CFBP-35350	"	350	"	"	"	80	75	75	80	"	"
CFBP-50100	50	100	"	"	"	60	—	—	—	"	2
CFBP-50150	"	150	"	"	"	55	55	"	"	"	3
CFBP-50200	"	200	"	"	"	"	50	55	"	"	4
CFBP-50250	"	250	"	"	"	70	70	70	"	"	"
CFBP-50300	"	300	"	"	"	65	65	65	65	"	5
CFBP-50400	"	400	"	"	"	90	90	90	90	"	"

W=75



断面形状
Cross-section shape

Parts No.	宽	长度	厚度		定位孔间隙					定位螺栓	
	W	L	T		a	b	c	d	e	种类	个数
CFBP-75150	75	150	10	± 0.025	20	110	—	—	—	M8 平头小螺栓	4
CFBP-75200	"	200	"	"	"	80	80	"	"	"	6
CFBP-75250	"	250	"	"	"	105	105	"	"	"	"
CFBP-75300	"	300	"	"	"	85	90	85	"	"	8
CFBP-75400	"	400	"	"	"	120	120	120	"	"	"
CFBP-75500	"	500	"	"	"	115	115	115	115	"	10



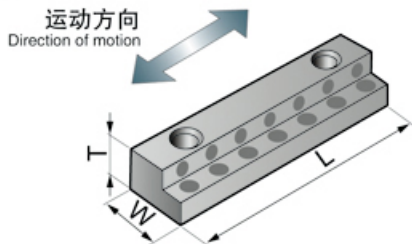
●运动方向为长度方向
Movement direction of the length

请从适用的长度、宽度、厚度中选择零件号
(例)宽50mm、长度300mm的情况下

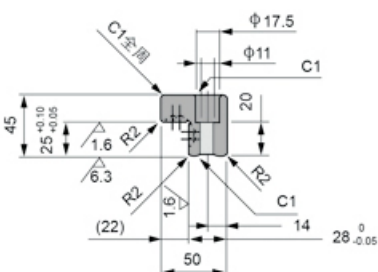
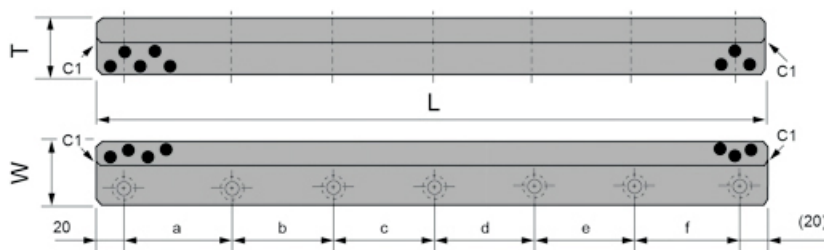
From the appropriate length, width, thickness, select the Part Number
(Cases) Width 50mm, length 300mm in the case

CFBL - 50300A

请指定上述零件号
Please specify the part number

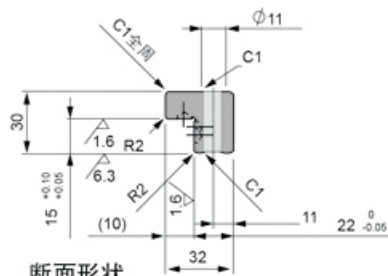
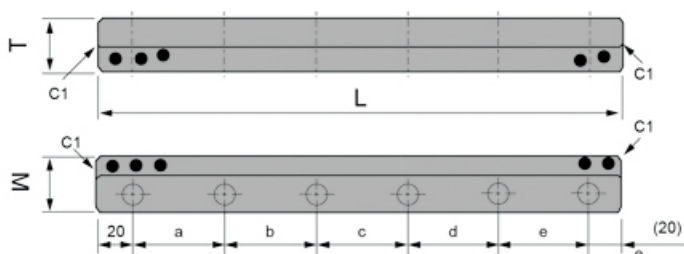


●适用于内六角螺栓 Apply to hex bolt



断面形状
Cross-section shape

Parts No.	宽	长度	厚度	定位孔间隙						定位螺栓	
	W	L	T	a	b	c	d	e	f	种类	个数
CFBL-50200A	50	200	45	55	50	55	-	-	-	M10	4
CFBL-50250A	"	250	"	70	70	70	"	"	"	"	"
CFBL-50300A	"	300	"	65	65	65	65	"	"	"	5
CFBL-50350A	"	350	"	80	75	75	80	"	"	"	"
CFBL-50500A	"	500	"	"	"	"	75	75	80	"	7



断面形状
Cross-section shape

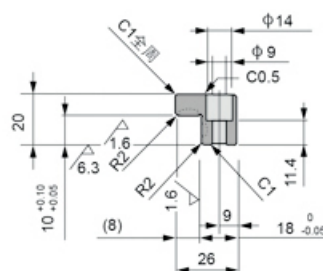
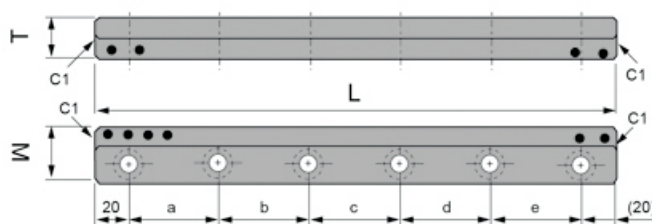
Parts No.	宽	长度	厚度	定位孔间隙					定位螺栓	
	W	L	T	a	b	c	d	e	种类	个数
CFBL-32100B	32	100	30	60	—	—	—	—	M10	2
CFBL-32150B	"	150	"	55	55	"	"	"	"	3
CFBL-32200B	"	200	"	"	50	55	"	"	"	4
CFBL-32250B	"	250	"	70	70	50	"	"	"	"
CFBL-32400B	"	400	"	75	"	"	70	75	"	6

CFBL

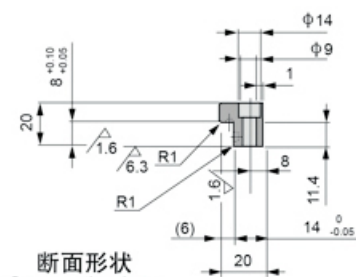
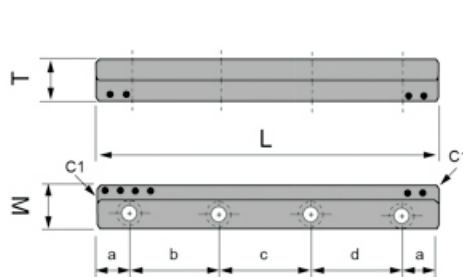
滑块

Wear plate-10mm thick

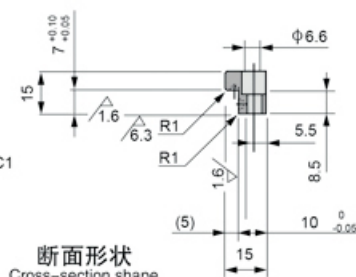
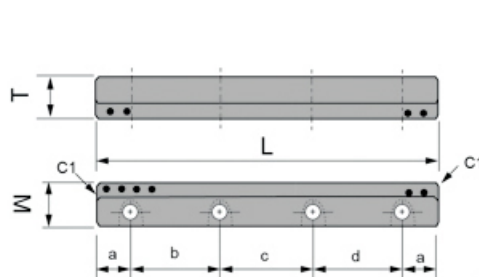
●适用于内六角螺栓 Apply to hex bolt

断面形状
Cross-section shape

Parts No.	宽	长度	厚度	定位孔间隙					定位螺栓	
	W	L	T	a	b	c	d	e	种类	个数
CFBL-26100C	26	100	20	60	—	—	—	—	M8	2
CFBL-26150C	"	150	"	55	55	"	"	"	"	3
CFBL-26200C	"	200	"	"	50	55	"	"	"	4
CFBL-26400C	"	400	"	75	70	70	70	75	"	6

断面形状
Cross-section shape

Parts No.	宽	长度	厚度	定位孔间隙				定位螺栓	
	W	L	T	a	b	c	d	种类	个数
CFBL-2050	20	50	20	10	30	—	—	M8	2
CFBL-20100	"	100	"	20	60	"	"	"	"
CFBL-20150	"	150	"	"	55	55	"	"	3
CFBL-20200	"	200	"	"	"	50	55	"	4

断面形状
Cross-section shape

Parts No.	宽	长度	厚度	定位孔间隙				定位螺栓	
	W	L	T	a	b	c	d	种类	个数
CFBL-1500	15	50	15	10	30	—	—	M6	2
CFBL-15100	"	100	"	20	60	"	"	"	"
CFBL-15150	"	150	"	"	55	55	"	"	3
CFBL-15200	"	200	"	"	"	50	55	"	4

CFB01系列 轴套

Cylindrical bushes (内径I.D \varnothing 5 ~ \varnothing 260)



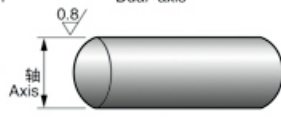
请从适用的内径、外径、长度中选择零件号 From the appropriate diameter, diameter, length, select the Part Number
(例)内径15mm、长度10mm的情况下 (Cases) Diameter 15mm, length 10mm case

CFB010 - 1510

请指定上述零件号
Please specify the part number

运动方向
Direction of motion

对偶轴
Dual-axis

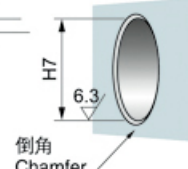
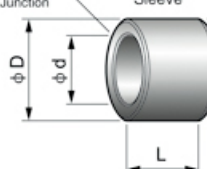


结合部
Junction

轴套
Sleeve

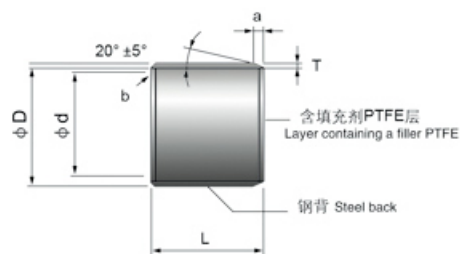
壁厚T

轴承座
Bearing



※结合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。
With the Ministry for the axis is not affected, but try to avoid large parts installed in the load at the push.

轴 shaft	座孔housing		内径	外径		壁厚		长度 L ⁰ _{-0.40}					
	H7		∅d	∅D		T		4	5	6	8	10	
5	^{-0.010} _{-0.022}	7	^{+0.015} ₀	5	7	^{+0.055} _{+0.025}	1.0	^{+0.005} _{-0.020}		0505			
6	"	8	"	6	8	"	"	"	0604		0606	0608	0610
7	^{-0.013} _{-0.028}	9	"	7	9	"	"	"					
8	"	10	"	8	10	"	"	"			0806	0808	0810
10	"	12	^{+0.018} ₀	10	12	^{+0.065} _{+0.030}	"	"				1008	1010
12	^{-0.016} _{-0.034}	14	"	12	14	"	"	"				1208	1210
13	"	15	"	13	15	"	"	"					1310
14	"	16	"	14	16	^{+0.065} _{+0.035}	"	"		1405			1410
15	"	17	"	15	17	"	"	"					1510
16	"	18	"	16	18	"	"	"					1610
17	"	19	^{+0.021} ₀	17	19	^{+0.075} _{+0.035}	"	"					1710
18	"	20	"	18	20	"	"	"					1810
20	^{-0.020} _{-0.041}	23	"	20	23	"	1.5	^{+0.005} _{-0.025}					2010
22	"	25	"	22	25	"	"	"					2210
24	"	27	"	24	27	"	"	"					
25	"	28	"	25	28	"	"	"					2510
28	"	32	^{+0.025} ₀	28	32	^{+0.085} _{+0.045}	2.0	^{+0.005} _{-0.030}					
30	"	34	"	30	34	"	"	"					
32	^{-0.025} _{-0.050}	36	"	32	36	"	"	"					
35	"	39	"	35	39	"	"	"					
37	"	41	"	37	41	"	"	"					
38	"	42	"	38	42	"	"	"					
40	"	44	"	40	44	"	"	"					



a: 外径倒角 内径 $\phi 10$ 以上(mm)

a: Inner diameter of $\phi 10$ or more chamfer diameter (mm)

T	1.0	1.5	2.0
a	0.5	0.8	1.0

b: 内径倒角 内径 $\phi 10$ 以上(mm)

a: Inner diameter chamfer $\phi 10$ or more (mm)

T	1.0	1.5	2.0
b	C0.5	C0.8	C1.0

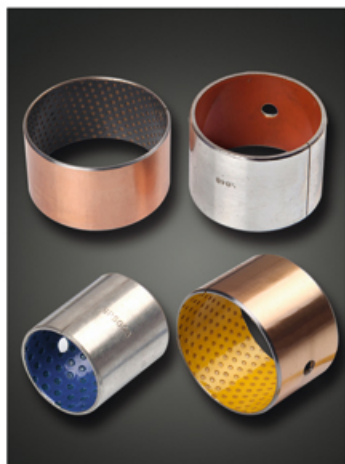
※ 内径 $\phi 10$ 不到的内外径倒角去除毛刺程度即可

Diameter of the inner diameter chamfer $\phi 10$ less than the degree to remove the burr

轴 shaft		座孔housing		内径	外径		壁厚		长度 L ⁰ _{-0.40}					
		H7		∅d	∅D		T		20	25	30	40	50	60
45	^{-0.025} _{-0.050}	50	^{+0.025} ₀	45	50	^{+0.085} _{+0.045}	2.5	^{+0.005} _{-0.040}	4520	4525	4530	4540	4550	
50	"	55	^{+0.030} ₀	50	55	^{+0.100} _{+0.055}	"	"	5020		5030	5040	5050	5060
55	^{-0.030} _{-0.060}	60	"	55	60	"	"	"			5530	5540	5550	5560
60	"	65	"	60	65	"	"	"			6030	6040	6050	6060
65	"	70	"	65	70	"	"	"			6530	6540	6550	6560
70	"	75	"	70	75	"	"	"				7040	7050	7060
75	"	80	"	75	80	"	"	"			7530	7540	7550	7560
80	⁰ _{-0.030}	85	^{+0.035} ₀	80	85	^{+0.120} _{+0.070}	"	^{-0.010} _{-0.060}				8040	8050	8060
85	⁰ _{-0.035}	90	"	85	90	"	"	"				8540		8560
90	"	95	"	90	95	"	"	"				9040	9050	9060
95	"	100	"	95	100	"	"	"					9550	9560
100	"	105	"	100	105	"	"	"					10050	10060
105	"	110	"	105	110	^{+0.170} _{+0.100}	"	"						10560
110	"	115	"	110	115	"	"	"						11060
115	"	120	"	115	120	"	"	"						11560
120	"	125	^{+0.040} ₀	120	125	"	"	^{-0.035} _{-0.085}						12060
125	⁰ _{-0.040}	130	"	125	130	"	"	"						
130	"	135	"	130	135	"	"	"						13060
135	"	140	"	135	140	"	"	"						
140	"	145	"	140	145	"	"	"						14060
150	"	155	"	150	155	"	"	"						15060
160	"	165	"	160	165	"	"	"						16060
180	"	185	^{+0.046} ₀	180	185	^{+0.210} _{+0.130}	"	"						
190	⁰ _{-0.046}	195	"	190	195	"	"	"						
200	"	205	"	200	205	"	"	"						20060
220	"	225	"	220	225	"	"	"						
250	"	255	^{+0.052} ₀	250	255	^{+0.260} _{+0.170}	"	"						
260	"	265	"	260	265	"	"	"						

CFB02系列 轴套

Cylindrical bushes (内径I.D $\varnothing 10 \sim \varnothing 300$)



请从适用的内径、外径、长度中选择零件号 From the appropriate diameter, diameter, length, select the Part Number
(例)内径15mm、长度10mm的情况下 (Cases) Diameter 15mm, length 10mm case

CFB020 - 1510

请指定上述零件号
Please specify the part number

运动方向
Direction of motion

对偶轴
Dual-axis

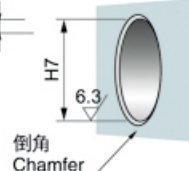
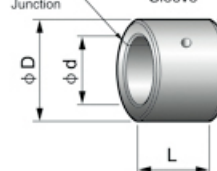


结合部
Junction

轴套
Sleeve

壁厚T

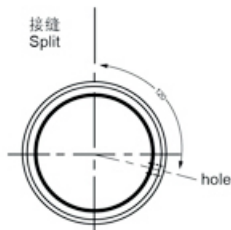
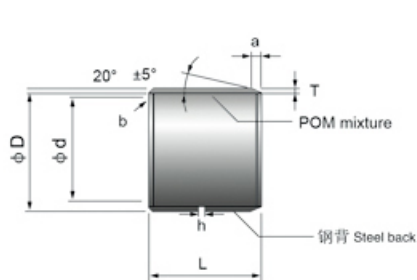
轴承座
Bearing



※结合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。

With the Ministry for the axis is not affected, but try to avoid large parts installed in the load at the push.

轴 shaft		座孔 housing		内径	外径	壁厚	油孔	长度 L $\begin{smallmatrix} 0 \\ -0.40 \end{smallmatrix}$					
h8		H7		$\varnothing d$	$\varnothing D$	T	h-e	10	12	15	20	25	30
10	$\begin{smallmatrix} 0 \\ -0.022 \end{smallmatrix}$	12	$\begin{smallmatrix} +0.018 \\ 0 \end{smallmatrix}$	10	12	$\begin{smallmatrix} 0.980 \\ 0.955 \end{smallmatrix}$	4	1010	1012	1015	1020		
12	$\begin{smallmatrix} 0 \\ -0.027 \end{smallmatrix}$	14	"	12	14	"	"	1210	1212	1215	1220	1225	
14	"	16	"	14	16	"	"			1415	1420	1425	
15	"	17	"	15	17	"	"	1510	1512	1515		1525	
16	"	18	"	16	18	"	"			1615	1620	1625	
18	"	20	$\begin{smallmatrix} +0.021 \\ 0 \end{smallmatrix}$	18	20	"	"			1815	1820	1825	
20	$\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$	23	"	20	23	$\begin{smallmatrix} 1.475 \\ 1.445 \end{smallmatrix}$	"			2015	2020	2025	2030
22	"	25	"	22	25	"	"			2215	2220	2225	2230
24	"	27	"	24	27	"	"			2415	2420	2425	2430
25	"	28	"	25	28	"	6			2515	2520	2525	2530
28	"	32	$\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	28	32	$\begin{smallmatrix} 1.970 \\ 1.935 \end{smallmatrix}$	"				2820	2825	2830
30	"	34	"	30	34	"	"				3020		3030
32	$\begin{smallmatrix} 0 \\ -0.039 \end{smallmatrix}$	36	"	32	36	"	"				3220		3230
35	"	39	"	35	39	"	"				3520		3530
36	"	40	"	36	40	"	"						
37	"	41	"	37	41	"	"				3720		
40	"	44	"	40	44	"	8				4020		4030
45	"	50	"	45	50	$\begin{smallmatrix} 2.460 \\ 2.415 \end{smallmatrix}$	"				4520		4530
50	"	55	$\begin{smallmatrix} +0.030 \\ 0 \end{smallmatrix}$	50	55	"	"						
55	$\begin{smallmatrix} 0 \\ -0.046 \end{smallmatrix}$	60	"	55	60	"	"				5520		
60	"	65	"	60	65	"	"						



a: 外径倒角 内径 $\phi 10$ 以上(mm)
a: Inner diameter of $\phi 10$ or more chamfer diameter (mm)

T	1.0	1.5	2.0
a	0.5	0.8	1.0

b: 内径倒角 内径 $\phi 10$ 以上(mm)
a: Inner diameter chamfer $\phi 10$ or more (mm)

T	1.0	1.5	2.0
b	C0.3	C0.5	C0.5

※ 内径 $\phi 10$ 不到的内外径倒角去除毛刺程度即可。
Diameter of the inner diameter chamfer $\phi 10$ less than the degree to remove the burr

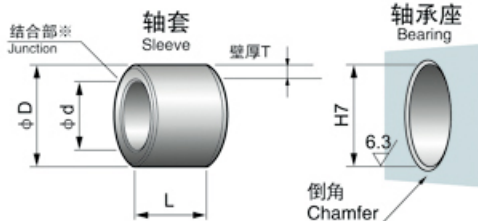
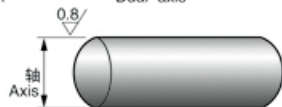
轴 shaft		座孔 housing		内径	外径	壁厚	油孔	长度 L $\begin{smallmatrix} 0 \\ -0.40 \end{smallmatrix}$					
h8		H7		ϕd	ϕD	T	h- ϕ	30	40	50	60	65	70
65	$\begin{smallmatrix} 0 \\ -0.046 \end{smallmatrix}$	70	$\begin{smallmatrix} +0.030 \\ 0 \end{smallmatrix}$	65	70	$\begin{smallmatrix} 2.460 \\ 2.415 \end{smallmatrix}$	8	6530	6540	6550	6060		6570
70	"	75	"	70	75	"	"		7040	7050		7065	7070
75	"	80	"	75	80	"	"		7540		7560		
80	"	85	$\begin{smallmatrix} +0.035 \\ 0 \end{smallmatrix}$	80	85	$\begin{smallmatrix} 2.450 \\ 2.385 \end{smallmatrix}$	9.5				8060		
85	$\begin{smallmatrix} 0 \\ -0.054 \end{smallmatrix}$	90	"	85	90	"	"	8530	8540		8560		
90	"	95	"	90	95	"	"		9040		9060		
95	"	100	"	95	100	"	"				9560		
100	"	105	"	100	105	"	"			10050	10060		
105	"	110	"	105	110	"	"				10560		
110	"	115	"	110	115	"	"				11060		
115	"	120	"	115	120	"	"						11570
120	"	125	$\begin{smallmatrix} +0.040 \\ 0 \end{smallmatrix}$	120	125	"	"				12060		
125	$\begin{smallmatrix} 0 \\ -0.063 \end{smallmatrix}$	130	"	125	130	"	"				12560		
130	"	135	"	130	135	"	"			13050	13060		
135	"	140	"	135	140	"	"			13550	13560		
140	"	145	"	140	145	"	"				14060		
150	"	155	"	150	155	"	"			15050	15060		
160	"	165	"	160	165	"	"			16050	16060		
170	"	175	"	170	175	"	"			17050	17060		
180	"	185	$\begin{smallmatrix} +0.046 \\ 0 \end{smallmatrix}$	180	185	"	"			18050	18060		
190	$\begin{smallmatrix} 0 \\ -0.072 \end{smallmatrix}$	195	"	190	195	"	"			19050	19060		
200	"	205	"	200	205	"	"			20050	20060		
220	"	225	"	220	225	"	"			22050	22060		
240	"	245	"	240	245	"	"			24050	24060		
250	"	255	$\begin{smallmatrix} +0.052 \\ 0 \end{smallmatrix}$	250	255	"	"			25050	25060		
260	$\begin{smallmatrix} 0 \\ -0.081 \end{smallmatrix}$	265	"	260	265	"	"			26050	26060		
280	"	285	"	280	285	"	"			28050	28060		
300	"	305	"	300	305	"	"			30050	30060		



CFB090 - 1510

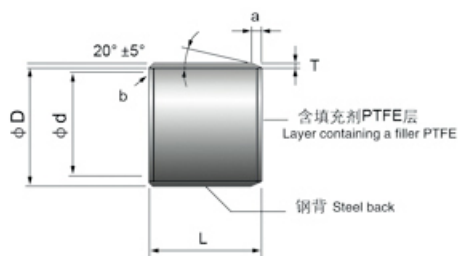
运动方向
Direction of motion

对偶轴
Dual-axis



※ 結合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。
With the Ministry for the axis is not affected, but try to avoid large parts installed in the load at the push.

轴 shaft	座孔housing			内径	外径		壁厚		长度 L ⁰ _{-0.40}				
	H7		∅d		∅D		T		4	5	6	8	10
5	^{-0.010} _{-0.022}	7	^{+0.015} ₀	5	7	^{+0.055} _{+0.025}	1.0	⁰ _{-0.030}		0505			
6	"	8	"	6	8	"	"	"	0604		0606	0608	0610
7	^{-0.013} _{-0.028}	9	"	7	9	"	"	"					
8	"	10	"	8	10	"	"	"			0806	0808	0810
10	"	12	^{+0.018} ₀	10	12	^{+0.065} _{+0.030}	"	"				1008	1010
12	^{-0.016} _{-0.034}	14	"	12	14	"	"	"				1208	1210
13	"	15	"	13	15	"	"	"					1310
14	"	16	"	14	16	"	"	"		1405			1410
15	"	17	"	15	17	"	"	"					1510
16	"	18	"	16	18	"	"	"					1610
17	"	19	^{+0.021} ₀	17	19	^{+0.075} _{+0.035}	"	"					1710
18	"	20	"	18	20	"	"	"					1810
20	^{-0.020} _{-0.041}	23	"	20	23	"	1.5	⁰ _{-0.035}					2010
22	"	25	"	22	25	"	"	"					2210
24	"	27	"	24	27	"	"	"					
25	"	28	"	25	28	"	"	"					2510
28	"	32	^{+0.025} ₀	28	32	^{+0.085} _{+0.045}	2.0	⁰ _{-0.040}					
30	"	34	"	30	34	"	"	"					
32	^{-0.025} _{-0.050}	36	"	32	36	"	"	"					
35	"	39	"	35	39	"	"	"					
37	"	41	"	37	41	"	"	"					
38	"	42	"	38	42	"	"	"					
40	"	44	"	40	44	"	"	"					



a: 外径倒角 内径 $\phi 10$ 以上(mm)

a: Inner diameter of $\phi 10$ or more chamfer diameter (mm)

T	1.0	1.5	2.0
a	0.5	0.8	1.0

b: 内径倒角 内径 $\phi 10$ 以上(mm)

a: Inner diameter chamfer $\phi 10$ or more (mm)

T	1.0	1.5	2.0
b	C0.5	C0.8	C1.0

※ 内径 $\phi 10$ 不到的内外径倒角去除毛刺程度即可

Diameter of the inner diameter chamfer $\phi 10$ less than the degree to remove the burr

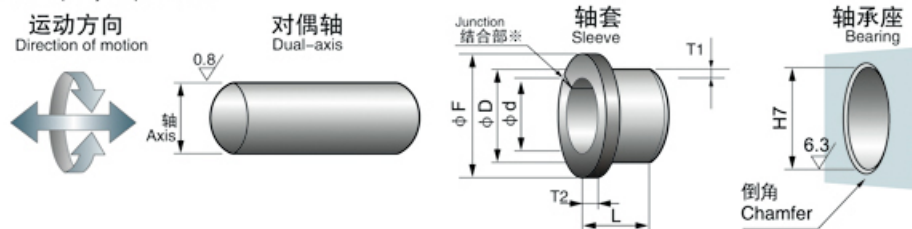
轴 shaft		座孔housing		内径		外径		壁厚		长度 L ⁰ _{-0.40}					
		H7		∅d		∅D		T		20	25	30	40	50	60
45	^{-0.025} _{-0.050}	50	^{+0.025} ₀	45	50	^{+0.085} _{+0.045}	2.5	⁰ _{-0.05}	4520	4525	4530	4540	4550		
50	"	55	^{+0.030} ₀	50	55	^{+0.100} _{+0.055}	"	"	5020		5030	5040	5050	5060	
55	^{-0.030} _{-0.060}	60	"	55	60	"	"	"			5530	5540	5550	5560	
60	"	65	"	60	65	"	"	"			6030	6040	6050	6060	
65	"	70	"	65	70	"	"	"			6530	6540	6550	6560	
70	"	75	"	70	75	"	"	"				7040	7050	7060	
75	"	80	"	75	80	"	"	"			7530	7540	7550	7560	
80	⁰ _{-0.046}	85	^{+0.035} ₀	80	85	^{+0.120} _{+0.070}	"	"				8040	8050	8060	
85	⁰ _{-0.054}	90	"	85	90	"	"	"				8540		8560	
90	"	95	"	90	95	"	"	"				9040	9050	9060	
95	"	100	"	95	100	"	"	"					9550	9560	
100	"	105	"	100	105	"	"	"					10050	10060	
105	"	110	"	105	110	"	"	"						10560	
110	"	115	"	110	115	"	"	"						11060	
115	"	120	"	115	120	"	"	"						11560	
120	"	125	"	120	125	^{+0.170} _{+0.100}	"	"						12060	
125	⁰ _{-0.063}	130	^{+0.040} ₀	125	130	"	"	"							
130	"	135	"	130	135	"	"	"						13060	
135	"	140	"	135	140	"	"	"							
140	"	145	"	140	145	"	"	"						14060	
150	"	155	"	150	155	"	"	"						15060	
160	"	165	"	160	165	"	"	"						16060	
180	"	185	^{+0.046} ₀	180	185	^{+0.210} _{+0.130}	"	^{+0.010} _{+0.060}							
190	⁰ _{-0.072}	195	"	190	195	"	"	"							
200	"	205	"	200	205	"	"	"						20060	
220	"	225	"	220	225	"	"	"							
250	"	255	^{+0.052} ₀	250	255	^{+0.260} _{+0.170}	"	"							
260	"	265	"	260	265	"	"	"							

CFBF**010 法兰轴套
Flanged bushes**

请从适用的内径、外径、长度中选择零件号 From the appropriate diameter, diameter, length, select the Part Number
(例)内径20mm、长度10mm的情况下 (Cases) Diameter 20mm, length 10mm case

CFBF - 2010

请指定上述零件号
Please specify the part number



※ 结合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。
With the Ministry for the axis is not affected, but try to avoid large parts installed in the load at the push.

轴 shaft		座孔housing		内径	外径	法兰		壁厚		长度 L ± 0.25			
		H7		∅d	∅D	∅F _{±0.5}	T _{2-0.2} ⁰	T1	3	4	5	6	
5	^{-0.010} _{-0.022}	7	^{+0.015} ₀	5	7	10	1.0	1.0	^{+0.005} _{-0.020}			0505	0506
6	^{-0.013} _{-0.028}	8	"	6	8	12	"	"	"			0605	0606
7	"	9	"	7	9	13	"	"	"			0705	
8	"	10	"	8	10	15	"	"	"				0806
9	"	11	^{+0.018} ₀	9	11	17	"	"	"				
10	"	12	"	10	12	18	"	"	"				1006
12	^{-0.016} _{-0.034}	14	"	12	14	20	"	"	"				1206
13	"	15	"	13	15	21	"	"	"				
14	"	16	"	14	16	22	"	"	"				
15	"	17	"	15	17	23	"	"	"				
16	"	18	"	16	18	24	"	"	"				
18	"	20	^{+0.021} ₀	18	20	26	"	"	"				
20	^{-0.020} _{-0.041}	23	"	20	23	30	1.5	1.5	^{+0.005} _{-0.025}				
22	"	25	"	22	25	33	"	"	"				
24	"	27	"	24	27	35	"	"	"				
25	"	28	"	25	28	35	"	"	"				
26	"	30	"	26	30	38	2.0	2.0	^{+0.005} _{-0.030}				
28	"	32	^{+0.025} ₀	28	32	40	"	"	"				
30	"	34	"	30	34	42	"	"	"				
31	^{-0.025} _{-0.050}	35	"	31	35	43	"	"	"				
32	"	36	"	32	36	44	"	"	"				
35	"	39	"	35	39	47	"	"	"				
38	"	42	"	38	42	52	"	"	"				
40	"	44	"	40	44	53	"	"	"				
45	"	50	"	45	50	60	2.5	2.5	^{+0.005} _{-0.040}				
50	"	55	^{+0.030} ₀	50	55	65	"	"	"				
55	^{-0.030} _{-0.060}	60	"	55	60	70	"	"	"				
60	"	65	"	60	65	75	"	"	"				



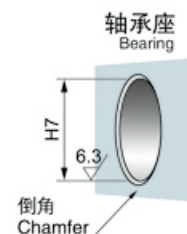
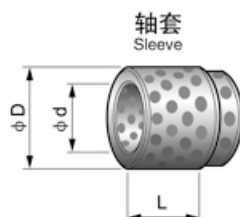
请从适用的内径、外径、长度中选择零件号

From the appropriate diameter, diameter, length, select the Part Number

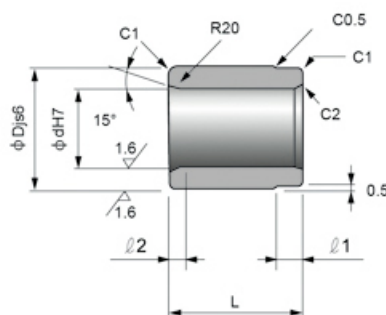
(例)内径60mm、外径80mm、长度90mm的情况下 (Cases) Diameter 60mm, outside diameter 80mm, length 90mm case

CFB - 608090

请指定上述零件号
Please specify the part number



- 往复运动中可使用。
- 在使用中推荐使用内六角螺栓防止滑脱。
- Reciprocating motion can be used.
- Recommended in the use of Allen bolts to prevent slippage.



Parts No.	内径		外径		长度		ℓ_1	ℓ_2
	$\varnothing d$		$\varnothing D$		L			
CFB055-254040	25	$+0.020$ 0	40	± 0.0080	40	0 -0.2	10	5
CFB055-305050	30	"	50	"	50	"	"	"
CFB055-356055	35	$+0.025$ 0	60	± 0.0095	55	"	15	"
CFB055-406055	40	"	"	"	"	"	"	"
CFB055-406060	"	"	"	"	60	"	10	"
CFB055-507075	50	"	70	"	75	"	15	10
CFB055-608090	60	$+0.030$ 0	80	"	90	"	20	"
CFB055-80100120	80	"	100	± 0.0110	120	"	25	"
CFB055-100120150	100	$+0.035$ 0	120	"	150	"	"	"
CFB055-120140180	120	"	140	± 0.0125	180	"	"	"

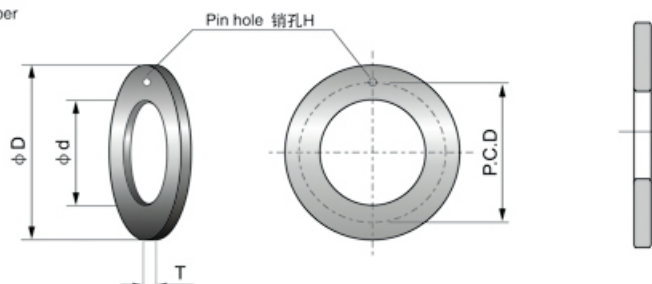
CFBW**010 止推垫圈**
Thrust washers

●摩擦面为树脂层。
Friction surface of the resin layer

请从适用的内径、外径、厚度中选择零件号 From the appropriate diameter, outside diameter, thickness, select the Part Number
(例)内径20mm、厚度1.5mm的情况下 (Cases) Diameter 20mm, thickness 1.5mm in the case

CFBW - 2015

请指定上述零件号
Please specify the part number

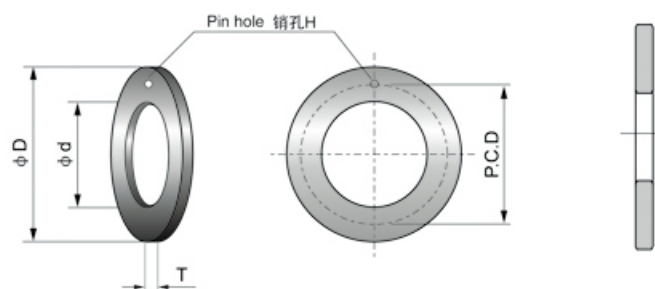


Parts No.	内径		外径		厚度		销孔	柱销位置	
	ϕd		ϕD		T		H	P.C.D	
CFBW-1015	10	$^{+0.25}_0$	20	$^{0}_{-0.25}$	1.5	$^{0}_{-0.05}$	1.6 ~ 1.9	15	± 0.12
CFBW-1215	12	"	24	"	"	"	"	18	"
CFBW-1415	14	"	26	"	"	"	2.1 ~ 2.4	20	"
CFBW-1615	16	"	30	"	"	"	"	22	"
CFBW-1815	18	"	32	"	"	"	"	25	"
CFBW-2015	20	"	36	"	"	"	3.1 ~ 3.4	28	"
CFBW-2215	22	"	38	"	"	"	"	30	"
CFBW-2415	24	"	42	"	"	"	"	33	"
CFBW-2615	26	"	44	"	"	"	"	35	"
CFBW-2815	28	"	48	"	"	"	4.1 ~ 4.4	38	"
CFBW-3215	32	"	54	"	"	"	"	43	"
CFBW-3815	38	"	62	"	"	"	"	50	"
CFBW-4215	42	"	66	"	"	"	"	54	"
CFBW-4820	48	"	74	"	2.0	"	"	61	"
CFBW-5220	52	"	78	"	"	"	"	65	"
CFBW-6220	62	"	90	"	"	"	"	76	"

CFBW**020 止推垫圈**
Thrust washers

●摩擦面为树脂层。
Friction surface of the resin layer

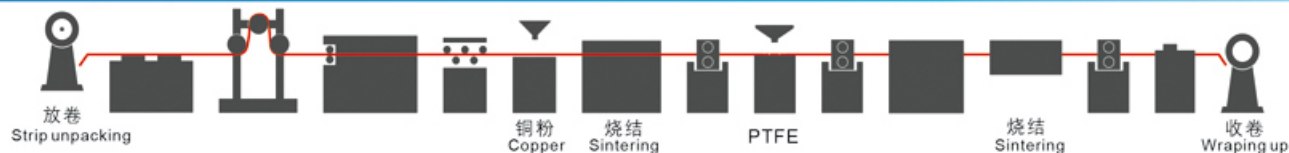
请从适用的内径、外径、厚度中选择零件号 From the appropriate diameter, outside diameter, thickness, select the Part Number
(例)内径20mm、厚度1.5mm的情况下 (Cases) Diameter 20mm, thickness 1.5mm in the case

CFBW - 2015

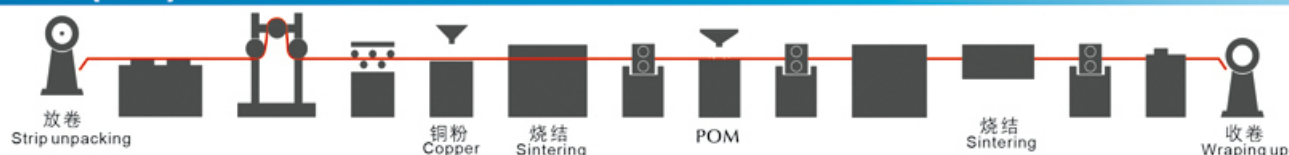
Parts No.	内径		外径		厚度		销孔	柱销位置	
	φd		φD		T		H	P.C.D	
CFBW-1015	10	$+0.25$ 0	20	0 -0.25	1.5	0 -0.05	1.6 ~ 1.9	15	± 0.12
CFBW-1215	12	"	24	"	"	"	"	18	"
CFBW-1415	14	"	26	"	"	"	2.1 ~ 2.4	20	"
CFBW-1615	16	"	30	"	"	"	"	22	"
CFBW-1815	18	"	32	"	"	"	"	25	"
CFBW-2015	20	"	36	"	"	"	3.1 ~ 3.4	28	"
CFBW-2215	22	"	38	"	"	"	"	30	"
CFBW-2415	24	"	42	"	"	"	"	33	"
CFBW-2615	26	"	44	"	"	"	"	35	"
CFBW-2815	28	"	48	"	"	"	4.1 ~ 4.4	38	"
CFBW-3215	32	"	54	"	"	"	"	43	"
CFBW-3815	38	"	62	"	"	"	"	50	"
CFBW-4215	42	"	66	"	"	"	"	54	"
CFBW-4820	48	"	74	"	2.0	"	"	61	"
CFBW-5220	52	"	78	"	"	"	"	65	"
CFBW-6220	62	"	90	"	"	"	"	76	"

生产流程 PRODUCTION PROCESS

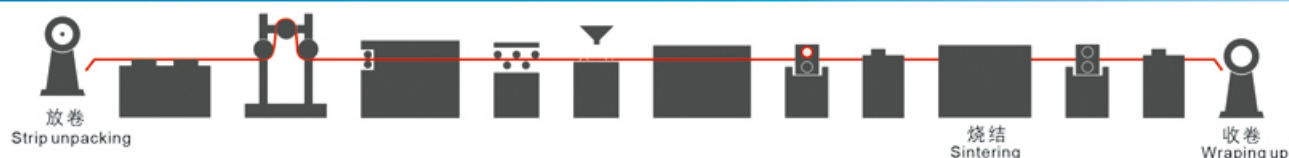
CFB01(SF-1) 系列材料加工工艺流程 MATERIAL PROCESSING PROCESS



CFB02(SF-2) 系列材料加工工艺流程 MATERIAL PROCESSING PROCESS



CFB03(SJ) 系列材料加工工艺流程 MATERIAL PROCESSING PROCESS



CFB034 系列材料加工工艺流程 MATERIAL PROCESSING PROCESS



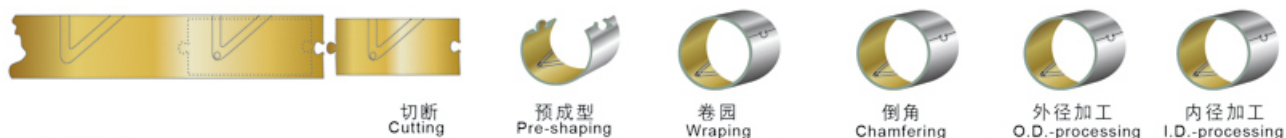
CFB01(SF-1) 系列直缝轴承加工工艺流程 LONGITUDINAL BEARING MACHINING PROCESS



CRT01(SF-1) 系列翻边轴承加工工艺流程 FLANGE BEARINGS MACHINING PROCESS



CRT03(SJ-1) 系列轴承加工工艺流程 BEARING PROCESS FLOW



CRT36(SJ-03F) 摩擦焊接轴承加工工艺流程 BEARING FRICTION WELDING PROCESS FLOW

