嘉善荣昌滑动轴承有限公司
JIASHAN RONCAN SLIDE BEARING CO.,LTD

RONCAN

RONCAN
SLIDING BEARING

www.boccole.com
www.rcbushing.com

嘉善荣昌滑动轴承有限公司

地址: 嘉善县魏塘街道坛珑路209号
邮编: 314100
电话: 0086-573-84616987　84612956
传真: 0086-573-84616977
邮箱: info@rcbushing.com
网址: www.boccole.com　www.rcbushing.com

JIASHAN RONCAN SLIDE BEARING CO.,LTD

Address: No.209 Tanlong Road, Weitang,
Jiashan,Zhejiang,China
Post Code: 314100
Tel: 0086-573-84616987　84612956
Fax: 0086-573-84616977
E-mail: info@rcbushing.com
Website: www.boccole.com　www.rcbushing.com

RONCAN

公司产品
Company Product

■ 嘉善荣昌滑动轴承有限公司生产各种铜套，最大单件能做到3.0吨，最小能做到50克。我们生产各种花色铜如磷铜（QSn10-1, QSn6.5-0.1），黄铜（H62, H65, H68, H70, H85, H90），锡青铜（QSn6-6-6, QSn5-5-5 CuSn10Pb1, CuSn8, CuSn4, CuSn12），铝青铜（C60600, C64200, C60800, C61300, C61400, C61900, C62300, C62400, C63000, C63020, C63200, C65100, CuAL10Fe3, CuAL9Fe4Ni4, CuAL9Mn2, CuAL9Ni3Fe2, CuAL10Ni5Fe4）等等。同时根据不同的客户要求，可按照DIN、BS、EN (DIN/EN)、SS、NS、UNS、SA E以及中国GB标准生产各类青铜、黄铜牌号的轴套、板材和棒的产品。所有产品均以电解铜为原料，以离心浇注、连续铸造及挤压方式生产各类产品，提供铜棒，铜管，铜衬套，耐磨板、法兰轴套、自润滑轴承，以及铜轴套、铜轴瓦、铜蜗轮、铜板、铜接头、铜柱、铜垫圈等等。

我们提供下面常见铜材料

■ Tin Bronzes: C90300, C92300, C92500, C92600, C92700, C92800

■ Leaded Tin Bronzes: C83600, C92200, C92900, C93200（SAE660）, C93700（SAE64）C90200, C90300, C90500, C90700, C91000, C91100

■ Manganese Bronzes: C86200, C86300, C86500

■ AluminumBronzes: C95200, C95400, C95500, C61000, C61300, C61400, C61800, C62300, C62400, C62500, C63000, C63020, C63200, C63400, C63600, C64200

■ Lead-free Bronzes: C89833, C89320

生产设备
Manufacture Equipment

目录
Contents

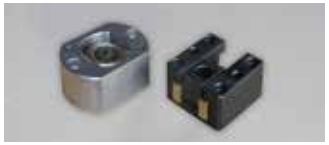
RCB-200系列
铜钢精加工轴承 Page 03~05
Harden steel turned bearings

RCB-450系列
钢铜镶嵌轴承 Page 06~09
Steel Bronze

RCB-600系列
铜套 Page 10~11
Bronze Bushing

RCB-650系列
镶嵌式固体润滑轴承 Page 12~43
Solid Lubricant Inlaid Bearing

RCB-750系列
固体镶嵌轴承 Page 44
Solid Lubricant Inlaid Bearing



JOCU系列
自润滑模架 Page 45~46
Oilless Unit Parts

RCB-FU系列
粉末冶金轴承 Page 47
Powder Sinterred Bearing

RCB-FZ系列
直线轴承 Page 48~49
Ball Retainer Bearing

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-200 钢基精加工轴承
RCB-200 Harden steel turned bearings


RCB200C/RCB200G


RCB250C/RCB250G

RCB200 以优质碳素钢为基体，通过合理的油路设计，在装配时 涂上油脂使得其在工作时能较长时间的储存所需要的足够油脂， 并且能均匀的分布在轴承及轴的表面上，从而达到了延长使用寿 命缩短加油频率的目的；同时由于特殊的油路系统能够存入工作 时侵入轴承的灰尘和其它异物，从而最大限度的降低对轴承使用
过程中的影响。RCB200 另外一个特殊性是在轴承的工作表面经 过一种特殊工艺的处理，使其表面覆盖了一层特殊的固体润滑 剂，这层特殊的润滑剂在起始动作时能很快的转移到对磨轴的表 面上，从而较快的降低了起始摩擦系数，提高了轴承的耐磨性。

RCB200 is produced by carbon steel with oil groove, the initial grease given can be deposited the mass lubrication for long time working. The work surface has been sprayed a special solid lubricant, this solid lubricant can be transfer to the mating material during the operation and forming a solid lubrication film between the bearing and shaft which make the bearing material have high load capacity with lower friction and excellent wear resistance.

RCB250 则在 RCB200 的基础上进行了改良，以固体润滑剂嵌入 替代了原有的披覆方式，使得产品在使用过程中提供了源源不断 的润滑源，从而达到免维护的目的。

The RCB250 bearing material is developed from the RCB200, the solid lubricant have been embedded instead of covering on surface which can provide the solid lubricant for much long time during the operation even without any oil given. This material provides a maintenance-free design solution, particularly for high load, intermittent of oscillating motion with lower speed and excellent wear resistance required.

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-200 钢基精加工轴承
RCB-200 Harden steel turned bearings

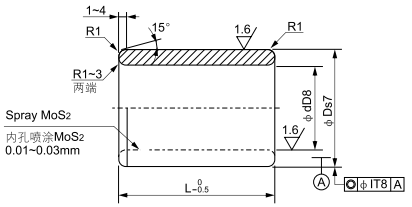
RONCAN

Material characteristic 材料特性

单位unit:mm

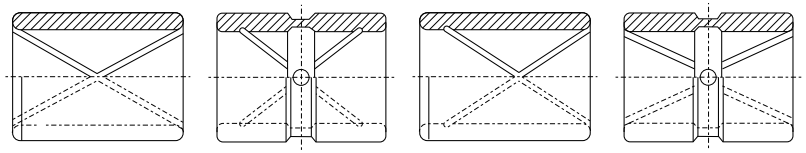
Standard RCB 标准	RCB200C	RCB200G	RCB250C	RCB250G
Base material 基材	S45C	GCr15	S45C	GCr15
Coe. of linear expansion 线胀系数	1.1×10-5/℃	1.1×10-5/℃	1.1×10-5/℃	1.1×10-5/℃
Temp.℃ 使用温度	-100~+300	-100~+300	-100~+300	-100~+300
Hardness 硬度	HRC ≥ 40	HRC ≥ 50	HRC ≥ 40	HRC ≥ 50
Max. Load 最大承载 (Mpa)	150Mpa	200Mpa	150Mpa	200Mpa
Max. speed 最大线速度 (m/min)	10	10	15	15
Solid Lubricant 润滑剂形式	With film 表面覆盖		镶嵌于基体 Solid plug embedded	
	0.01-0.03mm			
Mati ng tolerance 公差配合	Mating Housing 装配座孔 : H7 Mating shaft 相配轴 : e7/f7			

Bushes sketch 轴套示意图



RCB200#

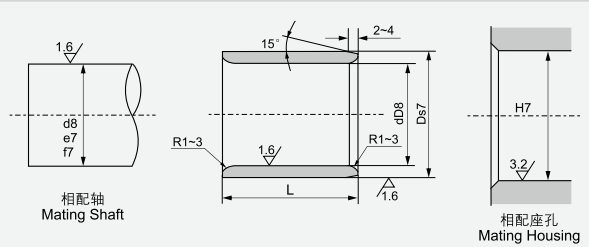
Typical oil groove type 典型油槽形式



Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-200 轴套尺寸表
RCB-200 Serious standard size

RONCAN



单位unit:mm

d	D8	D	s7	L 0/-0.5										
				20	25	30	35	40	50	60	70	80	100	120
30	+0.098 +0.065	38	+0.068 +0.043	■	■	■	■	■	■					
30		40		■	■	■	■	■	■					
32	+0.119 +0.080	42		■		■		■						
35		45		■	■	■	■	■	■	■				
38		48		■		■		■						
40		50		■	■	■	■	■	■	■	■			
40		55	+0.083 +0.053	■		■	■	■	■	■	■			
45		60				■	■	■	■	■	■			
50		60				■	■	■	■	■	■			
50		62				■		■	■	■	■			
50		65				■		■	■	■	■	■	■	
55	+0.146 0.100	70	+0.089 +0.059			■	■	■	■	■	■			
60		75				■	■	■	■	■	■	■	■	
65		80						■	■	■	■	■	■	
70		85	+0.106 +0.071			■	■	■	■	■	■	■	■	
75		90							■	■	■	■	■	
75		95								■	■	■	■	
80		95						■	■	■	■	■	■	
80		100						■	■	■	■	■	■	
85	+0.174 0.120	100								■		■		
90		110	+0.114 +0.079					■	■	■		■	■	
100		120						■	■	■	■	■	■	
110		130	+0.132 +0.092					■	■		■	■	■	■
120		140									■	■	■	■
130	+0.208 +0.145	150	0.140 0.100									■	■	■
140		160											■	■
150		170	+0.148 +0.108									■	■	■

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-450 钢基铜合金镶嵌型固体润滑轴承
RCB-450 Steel shell cast bronze with graphite plug

RONCAN

材料特点 Material Properties

- Combined with the wear resistance of copper alloy and high mechanical strength properties of steel
- Different cast copper alloy material is available according to work condition, including lower friction lead bronze
- The different coefficient of friction of the inner and outer material can protect the axil and rotating movement of the bearing in the housing under extremely high load with low speed
- The solid lubricant plug can be embedded to achieve the self- lubricating performance
- Compare with pure bronze bearing, the cost is reduced obviously
- The steel backing allowed to heat treatment to get high hardness, meanwhile the in layer can be re-machined if necessary
- The bronze layer can be casted on one or more layers to complex structure
- This material have same characteristic as pure bronze bearing, suitable for wide temperature range, different oil condition
- The RCB650GT have better mechanical load performance compare with bronze material, especially the impact strength

- 结合了铜合金的耐磨性和钢的高机械强度性能；
- 可以根据工况要求铸造不同的铜合金材料包括低摩擦性 能的铅铜合金；
- 由于内外层材料具有的不同摩擦系数，可以防止轴承在 高载低速工况下的窜动和走外圆；
- 可以根据需要在工作面覆着或镶嵌固体润滑剂以达到自 我润滑的目的；
- 相比纯铜套更具有成本优势，节约利用资源；
- 可以进行后期加工，比如钢基体的热处理、合金层车加 工等；
- 可以根据设计需要在不同的面或者复杂的面上进行一层 或多层的铜合金铸造；
- 与传统的铜套在使用特性上具有类似的特性，可以适合 于不同温度下不同润滑条件下的工况；
- 相比纯铜套具有更好的机械承载性能，特别是抗冲击强 度；

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-450 钢基铜合金镶嵌型固体润滑轴承
RCB-450 Steel shell cast bronze with graphite plug

RONCAN

材料成份和性能表 Material Composition and Properties

Grade 材料牌号	450 400	450-1 400-1	450-3 400-3	450-5 400-5
铜合金成份 Bronze layer material	CuZn25Al5Mn4Fe3	CuSn5Pb5Zn5	CuSn12	CuZn25Al5Mn4Fe3
合金层硬度 HB Bronze hardness	>210	>70	>95	>250
合金层结合强度 Mpa Interlay bonding strength	>150	>100	>100	>150
最大静承载 Mpa Max. static load	250	150	150	250
最大动承载 Mpa Max. dynamic load	100	60	70	120
最大线速度（干） m/min Max. Speed (dry)	15	10	10	15
最大 PV 值 Max. PV value N/mm2*m/min	200	60	80	200
热膨胀系数 10^{-5}/K Coef. Of thermal expansion	1.2x10^{-5}/℃	1.2x10^{-5}/℃	1.2x10^{-5}/℃	1.2x10^{-5}/℃
使用温度 ℃ Temperature range	-40~+300	-40~+400	-40~+400	-40~+150
永久压缩变形量 300N/mm2 Compression deformation	<0.01mm	<0.05mm	<0.05mm	<0.005mm

450: 含固体润滑剂钢基铜合金铸造型轴承材料
Steel shell bronze casted with solid lubricant
400: 不含固体润滑剂钢基铜合金铸造型轴承材料
Steel shell bronze casted without solid lubricant

典型运用 Typical Applications

This type of products can be widely used under high temperature and high load with low speed conditions, such as successive casting machinery, mineral machinery, injection molding machinery, dock machinery and so on.

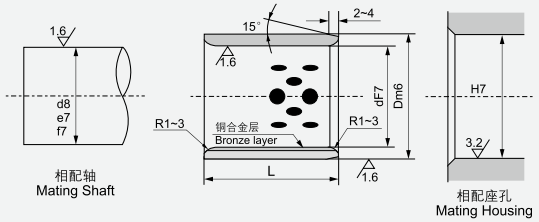
RCB450 结合了金属与非金属的优点，特别适合于高载 低速而又无法加油或不能加油的工作场合，如大型港口机 械、轧钢机械、模具行业以及冲压设备等。

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-450 铜基钢合金高密度导套
RCB-450 Steel with bronze high precision bearings

RONCAN

OD 外径	S45C
ID 内径I	650#+GR铜合金+石墨



单位unit:mm

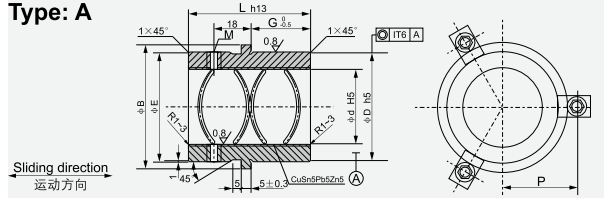
ID	F7	OD	m6	Wall Thick. 壁厚	Bronze Thick. 铜层厚	L -0.10/−0.30													
						30	35	40	50	60	70	80	90	100	120	130	140	150	200
50	+0.050 +0.025	60	+0.030 +0.011	5	1.5	■	■	■	■	■	■	■							
		65		7.5	1.5	■	■	■	■	■	■	■	■	■					
55	+0.060 +0.030	70		7.5	1.5	■	■	■	■	■	■	■							
60		75		7.5	1.5	■	■	■	■	■	■	■	■	■					
65		80		7.5	1.5				■	■	■	■							
70		85	+0.035 +0.013	7.5	1.5		■	■	■	■	■	■	■	■					
		90		10	1.5				■	■	■	■							
75		90		7.5	1.5					■	■	■	■	■					
		95		10	1.5					■	■	■	■	■					
80		95		7.5	1.5			■	■	■	■	■	■	■	■				
		100		10	1.5			■	■	■	■	■	■	■	■	■	■		
85	+0.071 +0.036	100		7.5	1.5			■	■	■	■	■	■	■	■	■	■		
90		110		10	2				■	■	■	■	■	■	■	■	■		
100		120		10	2					■	■	■	■	■	■	■	■		
110		130	+0.040 +0.015	10	2							■	■	■	■	■	■		
120		140		10	2							■	■	■	■	■	■		
125	+0.083 +0.043	145		10	2									■	■	■	■		
130		150		10	2									■	■	■	■		
140		160		10	2							■	■	■	■	■	■		
150		170		10	2									■	■	■	■		
160		180		10	2									■	■	■	■	■	
170	+0.096 +0.050	190	+0.046 +0.017	10	2									■	■	■	■	■	
180		200		10	2									■	■	■	■	■	■
190		210		10	2									■	■	■	■	■	■
200		230		15	3										■	■	■	■	■
225		255	+0.052 +0.020	15	3										■	■	■	■	■
250		280		15	3										■	■	■	■	■
280	+0.108 +0.056	320	+0.057 +0.021	20	4										■	■	■	■	■
300		340		20	4											■	■	■	■
350	+0.119 +0.062	390		20	4											■	■	■	■
400		450	+0.063 +0.023	25	5												■	■	■
450	+0.131 +0.068	500		25	5												■	■	■

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

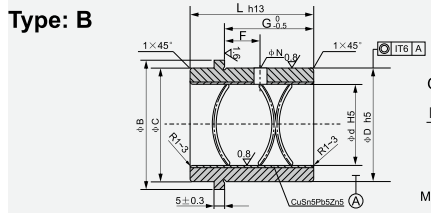
RCB-450 铜基钢合金高密度导套
RCB-450 Steel with bronze high precision bearings

RONCAN

Type: A



Type: B



Order

RCB450-18×37×50B

d G L Type

Material 材料

单位unit:mm

Type型号	d	D	B	C	E	F	G	L	M	N	P	Housing
B	18-19	28	34	29	-	8	18	31	-	50	20.5	$28_{0}^{+0.013}$
							37	50				
A				-	31	-	18		M6×1			
							27	70				
							18					
B	24-25	38	44	39	-	12	23	36	-	5	25.5	$38_{0}^{+0.016}$
							42	55				
A				-	41	-	23		M10×1	-		
							32	80				
							23					
B	30-32	45	53	48	-	16	30	43	-	8	31.5	$45_{0}^{+0.016}$
							47	60				
A				-	50	-	26		M10×1	-		
							37	90				
							26					
B	40-42	54	63	58	-	19	38	51	-	8	36.5	$54_{0}^{+0.019}$
							54	67				
A				-	60	-	30		M10×1	-		
							47	100				
							30					
B	50-52	65	79	74	-	19	48	61	-	8	44.5	$65_{0}^{+0.019}$
							62	75				
A				-	76	-	35		M10×1	-		
							57	110				
							35					
B	63	81	92	87	-	19	61	74	-	8	51	$81_{0}^{+0.022}$
							77	90				
A				-	89	-	48		M10×1	-		
							67	130				
							48					
B	80	100	111	106	-	19	78	91	-	8	60.5	$100_{0}^{+0.022}$
A				-	108	-	48	100	M10×1	-		
							77	150				
							48					

www.boccole.com www.rcbushing.com
info@rcbushing.com

荣昌轴承
RCB-450

成品铜套

专业生产各类牌号具有旋转中心的铸件。

立式离心机可生产：铜衬套、电梯蜗轮、垫片等铸件。

特点：

1. 铸件中少、无夹杂物和气孔等缺陷。

2. 组织致密，且密度相应提高。

3. 借用离心力的作用，提高浇铸过程中金属液的充型性，故可生产薄壁铸件。

4. 对具有旋转性中心铸件如衬套、蜗轮、垫片、齿轮等铸件的生产较为方便。

φ800×305 以内铜衬套、蜗轮、轴套、齿轮、法兰螺帽等

φ2500×1500 以内各种大型铜衬套等。

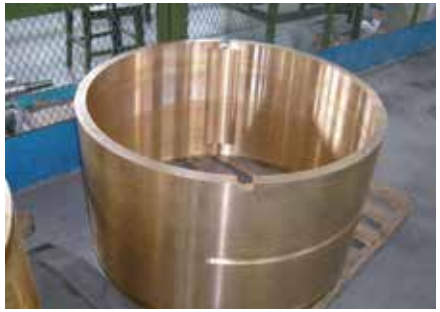
Stand Bronze Bushings

This department specializes in manufacturing simple Bronze parts at prices that reflect their simple nature. Other parts produced by this department include Brass and Bronze Gear Blanks, Bronze Bowl Bushings, Metric Bronze Bushings, Bronze Leaf Spring Bushings, Bronze Thrust Washers, Bronze Bearings, Bronze Spring Pin Bushings, Metric Brass Bushings, Bronze Rod Couplers, Bronze Spring Eye Bushings and turned Brass Parts.
These photos illustrate a sample of our standard Bronze Sleeve Bearings that are generally on our shelf for immediate shipment. These Solid Bronze Bushes are available in either a "Grooved" or "Plain" bore style. And common groove patterns available are figure eight, double figure eight, loop, double loop, circular, wick or straight. Any of these grooves can be contained within the length of the part or breaking out the ends. Call us for assistance in determining which pattern is most appropriate for your application "Spira-Lube" style groove is offered as the standard groove pattern.

可提供下面材料：

Roncan products meet ASTM, SAE, QQC, ASME, AMS, and other standards.

Tin Bronzes	C90300	C90500	C90700		
Leaded Tin Bronzes	C83600	C92200	C92900	C93200（SAE660）	C93700（SAE64）
Manganese Bronzes	C86200	C86300	C86500		
Aluminum Bronzes	C95200	C95400	C95500		
Lead-free Bronzes	C89833	C89320			



Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

精加工铜合金轴套提供了简单、经济的轴承运用方式，具有承载高，耐腐蚀性好，尺寸加工任意性等特点。同时RCB可以根据不同的使用情况提供不同牌号的铜合金，并按照要求加工出不同的形式，它比卷制类铜轴承具有更高尺寸精度。

Machined st bronze bearings offer technically and economically favorable bearings solutions. It is with high load pability, low weight and good corrosion sistance. RCB can offer diffe -ant types of bronze alloys accoring to the required life time, service etc. The tolerance is much tighter than wrapped bronze bushes.

最大承载压力	250N/mm^2	最高适用温度	300℃
最高线速度	5m/s	硬度	HB ＞ 180
摩擦系数	<0.14	允许最高 PV 值（干）	1.65N/mm^2·m/s

Available 可供形式

直套 Cylindrical bushes

翻边 Thrust washers

垫片 Flange bushes

滑板 Non-standard parts as design

RCB600可以根据客户要求加工，公差参照标准的RCB650尺寸表。

RCB supplied by customer ordering,the tolerance is according to RCB650 standard dimension.

OilGroove 油槽

材料型号 Material type		600	600S1	600S2	600S3	600S4	600S5	600S6
化学元素 Chemical elements	Cu	65	85	80	88	80	65	76
	Sn		5		12	10		8
	Pb		5			10		15
	Zn	25	5				25	
	Ni			5				1
	Al	6		10			6	
	Fe			5				
	Mn	4					4	
密度 Density		8.0	8.8	7.6	8.8	8.9	8.0	9.1
屈服强度 Yield point		>350	>90	>260	>150	>100	>450	>80
抗拉强度Tensile Strength		>750	>250	>500	>270	>210	>800	>180
延伸率Extension Rate		>12	>15	>10	>5	>8	>8	>8
硬度 Hardness		210	70	150	95	75	250	>60

www.boccole.com www.rcbushing.com
info@rcbushing.com

基材特性 Material Features

RCB 固体润滑轴承是在轴承基体的金属摩擦面上开出大小适当、排列有序的孔穴，然后在孔穴中嵌入具有独特自润滑性能的成型固体润滑剂（固体润滑剂面积一般为摩擦面积的 25%— 35%）而制成的自润滑轴承。该轴承综合了金属基体和特殊配方润滑材料的各自优点，突破了一般轴承依靠油膜润滑的局限性。RCB 固体润滑轴承特别适用于无油、高温、高负载、低速度、防污、防蚀、防辐射、以及在水中或真空溶液浸润而根本无法加润滑油膜的特殊工况条件下使用。该产品广泛应用于冶金轧钢设备、灌装设备、水轮机、气轮机、仪器仪表以及矿山机械、船舶机械、纺织机械、船舶工业、航天航海等领域。同时也越来越广泛的使用在其它工农业机械中。RCB 固体润滑轴承的基体应根据轴承自身的工况条件而定。比较常用的材料有高力黄铜、锡青铜、铸件等。根据轴承自身工况条件，通过不同金属基体和嵌入固体润滑剂的组合，可保证产品能满足各种温度、负荷、运动和介质等工况条件下的特殊需要，同时保证稳定可靠地工作。

RCB material is made of strong cast bronze based metal with special solid lubricants embedded. The base metal withstands high load and the solid lubricants provide for self-lubrication. The bearing shows excellent performance without pre-lubrication under conditions of extreme high/ lower temperature with low speed. This material provides a maintenance-free bearing solution, particularly for high load, intermittent of oscillating motion. This kind of bearing can be applied under dry, high temperature, high pressure, corrosive, water or other chemical environments when no oil can be introduced. Now is widely be used in automotive products line, water engineering, dam gate, plastic industries, successive casting machines, steel rollers in metallurgy industry, mineral machines, ships, turbo generators, hydraulic turbines and injection molding machines...

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-650 镶嵌式固体润滑轴承
RCB-650 Solid Lubricant Inlaid Bearing
RONCAN

荣昌轴承
RCB-650

合金材质 Metal Type

标准 Standard	650# Strong cast bronze 高力黄铜	650S1 Copper alloy	650S2 Copper alloy	650S3 Copper alloy	650S5 strong cast bronze
Cu%	65	85	80	88	65
Sn%		5		12	
Pb%		5			
Zn%	25	5			25
Ni%			5		
Al%	6		10	10	6
Fe%			5	5	
Mn%	4				4
密度 Density	8.0	8.8	7.6	8.8	8.0
硬度 Hardness HB	>210	>70	>150	>80	>250
抗拉强度 Tensile Strength N/mm^2	>750	>200	>500	>360	>800
伸长率 Elongation%	>12	>15	10	>8	>4
热胀系数 Coefficient of linear expansion	1.9×10^{-5}/℃	1.8×10^{-5}/℃	1.6×10^{-5}/℃	1.8×10^{-5}/℃	1.9×10^{-5}/℃
温度 Limit Temp.	300℃	400℃	400℃	400℃	300℃
最大动承载 Max.Load N/mm^2	100	60	50	70	150
最大线速度(Dry) Max.Speed m/min	15	10	20	10	10
最大PV Max.PV N/mm2*m/min	200	200	200	200	200
压缩永久变形量 400N/mm^2	<0.01	<0.01	<0.05	<0.04	<0.05

同时可以根据客户的特别要求提供HB>270及HB>300的特高硬铜材料
At the same time according to customer's special requests for HB> 270 and HB> 300 special high-hard copper material

固体润滑剂 Solid Lubricant

固体润滑剂 Lubricant	特性 Features	典型用途 Typical application
高纯石黑+添加剂 SL1 Graphite+add	很好的耐磨性和化学稳定性，使用温度＜400℃ Excellent resistance against chemical attacks and low friction, Temp limit 400℃	应用于一般机械，在大气中使用 Suit for general machines and under atmosphere
SL4+MoS_2 PTFE+MoS_2+CF	极低的摩擦系数和很好的水润性，使用温度＜300℃ Lowest in friction and good of water Lubrication,Temp limit 300℃	应用于水、海水润滑、如船舶 Suit for water and seawater lubricant , such as ship

www.boccole.com www.rcbushing.com
info@rcbushing.com

应用特点 Application characteristic

RCB650

RCB650是通用的基础产品，无论高压、低压、高温、低温、有油润滑、无油润滑还是水中润滑。都能适用。产品的基体是高力黄铜，比一般的铜套硬度提高一倍。耐磨性能提高一倍以上。因此在冶金行业的连铸机、轧机、输送机上都可采用。还用于塑料注塑机锁模机构，挤出机构。高压电的自动开关，建筑机械的起吊支撑部位，以及水利枢纽工程的弧门支撑。滑轮和传动轮部位。还有造纸机烘道、汽车模具、船舶起锚滑动部位等。

Basically general-purpose products, suitable for various circumstances Including high or low load , high or low temperature, with oil or oiless lubrication, or even In the water. With it's matrix made of high strength brass, It's hardness doubles than normal bronze bushings and the wear performance improves in large degree, so it is applicable for continue pitching machine, converors of metallurgy industry. It could also be used in plastic injection machines, in the automatic switch of high-tension electricity, in the luffing and surporting parts of construction machines, hydraulic gate supporter, pulley, drive wheels of water control project, and also fordrying tunnel of paper machines, auto die, sliding parts for ships unmooring etc.

RCB650S1

RCB650S1(CuSn5Zn5Pb5)该产品以铝青铜为基体，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。产品主要适用于中载荷高温、中速场合。

RCB650S1(CuSn5Zn5Pb5): It has a backing made of aluminium bronze with particular formulation supported by certain angle and density. The solid lubricants inlaid in the bushing are compounded with precision. It's used in medium load, high temperature, medium speed situation.

RCB650S2

RCB650S2(CuAl10Ni5Fe5)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。产品主要适用于一般场合，如轻工机械、机床行业，烘炉滚道、壁炉门等。

RCB650S2(CuAl10Ni5Fe5): It has a backing made of tin bronze with particular formulation supported by certain angle and density. The solid lubricants inlaid in the bushing are compounded with precision. It's used in common situation, such as light industry, machine tool industry, drying furnace rolling way, fireplace door etc.

RCB650S3

RCB650S3(CuSn12)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。

RCB650S3(CuSn12): The basement of this product is tin bronze, it has a special filling of prescription of solid lubricant inserted with a certain angle and density into the surface and processed with precision finishing. It is mainly used in low load, high temperature, and medium-speed applications just like architecture machinery metallurgy machinery and conveying machinery where the lubricant is not added.

RCB650S5

RCB650S5(CuZn25Al5)该产品以特殊配方的高强度铜合金为基体，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、汽轮机等。

RCB650S5(CuZn25Al5): It has a backing made of high-strength copper alloy with particular formulation supported by certain angle and density. The solid lubricants inlaid in the bushing are compounded with precision. It's used in successive casting machine, mineral mountain machinery, shipping, steam turbine etc.

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-650 镶嵌式固体润滑轴承
RCB-650 Solid Lubricant Inlaid Bearing
RONCAN

产品的装配

轴套推荐的装配方法有两种，一种是常温压制装配法，另一种是冷却装配法，冷却装配法具有操作方便、配合精度高的优点，在条件具备的情况下，应优先选用。座孔加热的方法由于热量会破坏轴承材料的组织结构，所以应避免使用。

冷却装配的方法
1. 所需的材料
冷却介质：液氮或干冰
容器：保温隔热容器
2. 冷却后轴承外径收缩量△D的计算
△D=D×α×（T-T1）
式中
D：轴承外径
α：轴承线膨胀系数
T： 轴承冷却温度
T1: 装配环境温度
3. 操作方法
① 将轴承放入保温隔热容器中，放入冷却介质，一般推荐的冷却温度为-40~-70℃之间
② 冷却时间1小时以上，如果轴套于座孔的过盈量较大时，需要适当延长冷却时间。
③ 再次测量轴套外径与座孔内径尺寸，便于装配顺利进行。
④ 将冷却好的轴套迅速装入座孔中，如果在中途停留时间过长，将造成轴套难以装入。
⑤ 在轴套工作表面涂布润滑油脂。
⑥ 在冬季气温较低时，应让座孔保持在20~30℃之间。

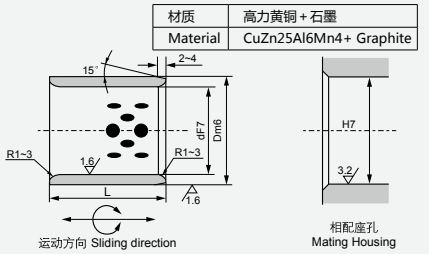
Installation

There have two methods recommended to install the bearings, press fit and shrink fit by cooling, The advantage of shrink fit is easy to operate and very precise, should be used prioritily.
The method of shrink fit by cooling
1. Medium vessel needed
Cooling medium: liquid nitrogen or frozen carbon dioxide(CO2)
Vessel: Heat preservation and insulation vessel.
2. Bushing OD shrinked rate(AD)calculate after cooling
△D=D×α×（T-T1）
D: Bushing OD,
α: Dilatability
T: Cooling temperature
T1: Environment temperature of installation.
3. Operation method:
①: Put the bushing into the heat preservation and insulation vessel, add cooling medium, recommended temperature is -40~-70℃ commonly.
②: Cooling time should be more than 1 hour, and it should be longer if the interference between bushing and housing bore is big.
③: Inspect bushing OD and housing ID again,easy to installation,
④: Put the cooled bushing into housing bore quickly, any delay will make the install difficult.
⑤: Add lubricate grease onto working surface of bushing.
⑥: The housing bore temperature should be keep around 20~30℃, if the environment temperature is very low.

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-650 铜基固体镶嵌式自润滑轴承
RCB-650 Bronze Solid Enchase Self-lubricating Bearing

RONCAN



单位unit:mm

IDF7 (内径)		ODm6 (外径)		L -0.10 -0.30													
				8	10	12	15	16	20	25	30	35	40	50	60	70	80
8	+0.028 +0.013	12	+0.018 +0.007	■	■	■	■										
10		14		■	■	■	■		■								
12	+0.034 +0.016	18			■	■	■	■	■	■	■						
13		19	+0.021 +0.008		■		■	■									
14		20			■	■	■		■	■	■						
15		21			■	■	■	■	■	■	■						
16		22			■	■	■	■	■	■	■	■	■				
18		24				■	■	■	■	■	■	■	■				
20	+0.041 +0.020	28			■	■	■	■	■	■	■	■	■	■			
22		32	+0.025 +0.009			■	■		■	■							
25		33				■	■	■	■	■	■	■	■	■	■		
30		38				■	■		■	■	■	■	■	■	■		
35	+0.050 +0.025	45							■	■	■	■	■	■	■		
40		50							■	■	■	■	■	■	■	■	■
45		55	+0.030 +0.011								■	■	■	■	■		
50		60									■	■	■	■	■	■	■

注：除以上规格尺寸外，可按客户图纸制造。

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-650 铜基固体镶嵌式自润滑轴承
RCB-650 Bronze Solid Enchase Self-lubricating Bearing
RONCAN

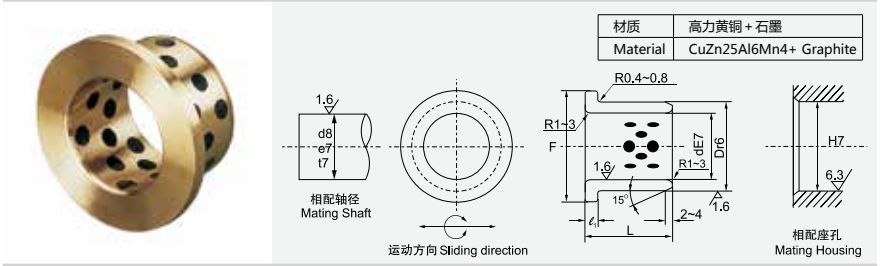
单位unit:mm

IDF7 (内径)		ODm6 (外径)		L -0.10 -0.30									
				30	35	40	50	60	70	80	100	120	130	140	150
50	+0.050 +0.025	62	+0.030 +0.011	■	■	■	■	■	■						
50		65		■		■	■	■	■	■	■				
55	+0.060 +0.030	70				■	■	■	■						
60		74		■	■	■	■	■	■	■					
60		75		■	■	■	■	■	■	■	■				
63		75						■	■	■					
65		80					■	■	■	■					
70		85	+0.035 +0.013		■	■	■	■	■	■	■				
70		90					■	■	■	■					
75		90						■	■	■	■				
75		95						■	■	■	■				
80		96				■	■	■	■	■	■	■			
80		100				■	■	■	■	■	■	■		■	
90	+0.071 +0.036	110		■			■	■	■	■	■	■			
100		120						■	■	■	■	■		■	
110		130	+0.040 +0.015							■	■	■			
120		140								■	■	■		■	
125	+0.083 +0.043	145									■	■			
130		150									■		■		
140		160									■			■	
150		170									■				■
160		180									■				■

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JFB 自润滑翻边轴承
RCB-JFB Self-Lubricating Flanging Bearing

RONCAN



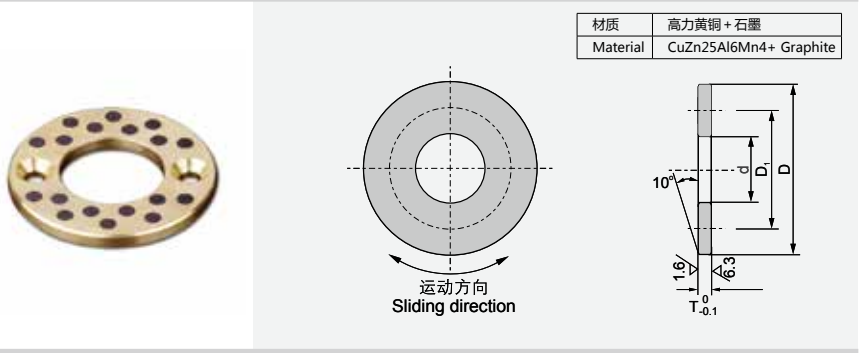
单位unit:mm

IDE7 (内径)		ODr6 (外径)		F	ℓ_1 -0.10	L $^{-0.10}_{-0.30}$									
						15	20	25	30	35	40	50	60	80	100
10	+0.040 +0.025	14	+0.034 +0.023	22	2	1015F	1020F								
12		18		25		1215F	1220F								
13		19		26		1315F	1320F								
14	+0.050 +0.032	20		27	3	1415F	1420F								
15		21	+0.041 +0.028	28		1515F	1520F	1525F	1530F						
16		22		29		1615F	1620F	1625F	1630F						
20		30		40		2015F	2020F	2025F	2030F		2040F				
25	+0.061 +0.040	35		45		2515F	2520F	2525F	2530F		2540F				
30		40		50			3020F	3025F	3030F	3035F	3040F	3050F			
31.5		40	+0.050 +0.034				3120F			3135F					
35		45		60	5		3520F		3530F		3540F	3550F			
40	+0.075 +0.050	50		65			4020F		4030F		4040F	4050F			
45		55		70					4530F		4540F	4550F	4560F		
50		60	+0.060 +0.041	75					5030F		5040F	5050F	5060F		
55		65		80							5540F		5560F		
60		75	+0.062 +0.043	90							6040F	6050F		6080F	
63	+0.090 +0.060	75		85	7.5									6367F	
70		85		105								7050F		7080F	
75		90	+0.073 +0.051	110									7560F		
80		100		120									8060F	8080F	80100F
90		110	+0.076 +0.054	130									9060F	9080F	
100	+0.107 +0.072	120		150	10									10080F	100100F
120		140	+0.088 +0.063	170										12080F	120100F

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JTW 止推垫片尺寸
RCB-JTW Oilless Thrust Washers

RONCAN



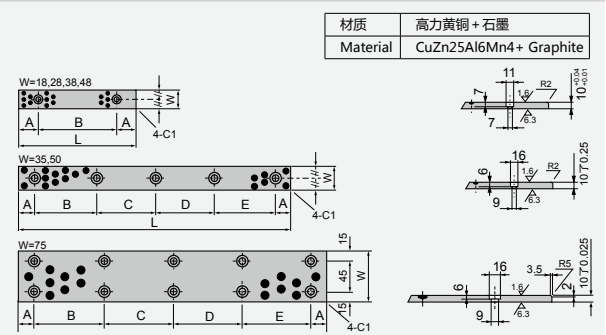
单位unit:mm

规格 Standard No.	d	D	T $^{0}_{-0.1}$	螺栓 Bolt			
				D_1	数量 Q'ty	尺寸 size	d_1
JTW-10	10.2	30	3	---	---	---	---
JTW-12	12.2	40		28	2	M3	3.5
JTW-13	13.2						
JTW-14	14.2						
JTW-15	15.2	50		35			
JTW-16	16.2						
JTW-16N				---	---	---	---
JTW-18	18.2			35	2	M3	3.5
JTW-20	20.2		5			M5	6
JTW-20N				---	---	---	---
JTW-25	25.2	55		40	2	M5	6
JTW-25N				---	---	---	---
JTW-30	30.2	60		45	2	M5	6
JTW-35	35.2	70		50			
JTW-40	40.2	80	7	60		M6	7
JTW-45	45.3	90		67.5			
JTW-50	50.3	100	8	75	4		
JTW-55	55.3	110		85			
JTW-60	60.3	120		90		M8	9
JTW-65	65.3	125		95			
JTW-70	70.3	130	10	100			
JTW-75	75.3	140		110			
JTW-80	80.3	150		120			
JTW-90	90.5	170		140		M10	11
JTW-100	100.5	190		160			
JTW-120	120.5	200		175			

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JSP 自润滑板
RCB-JSP Oilless Wear Plate

RONCAN



材质	高力黄铜+石墨
Material	CuZn25Al6Mn4+ Graphite

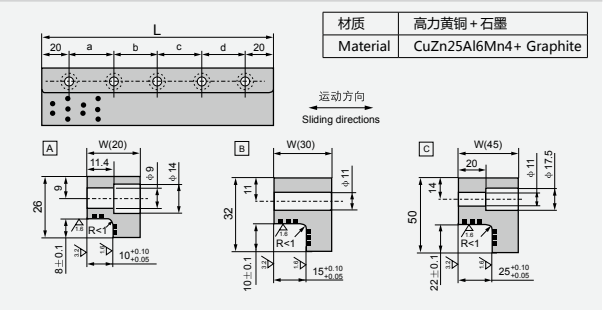
单位unit:mm

规格 Standard No.	W	L	A	B	C	D	E	平头螺钉 Flat Head Screw	数量 No. of Holes
JSP-1875	18	75	15	45				M6	2
JSP-18100		100	25	60					
JSP-18125		125		75					
JSP-18150		150		100					
JSP-2875	28	75	15	45					
JSP-28100		100	25	50					
JSP-28125		125		75					
JSP-28150		150		100					
JSP-35100	35	100	20	60				M8	3
JSP-35150		150		55	55				4
JSP-35200		200		55	50	55			4
JSP-35250		250		70	70	70			5
JSP-35300		300		65	65	65	65		5
JSP-35350		350		80	75	75	80		
JSP-3875	38	75	15	45				M6	2
JSP-38100		100	25	50					
JSP-38125		125		75					
JSP-38150		150		100					
JSP-4875	48	75	15	45					
JSP-48100		100	25	50					
JSP-48125		125		75					
JSP-48150		150		100					
JSP-50100	50	100	20	60				M8	3
JSP-50150		150		55	55				4
JSP-50200		200		55	50	55			4
JSP-50250		250		70	70	70			5
JSP-50300		300		65	65	65	65		5
JSP-50400		400		90	90	90	90		4
JSP-75150	75	150		110					6
JSP-75200		200		80	80				
JSP-75250		250		105	105				6
JSP-75300		300		85	90	85			8
JSP-75400		400		120	120	120			8
JSP-75500		500		115	115	115	115		10

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JSL L 型自润滑板
RCB-JSL Oilless L Guide Plate

RONCAN

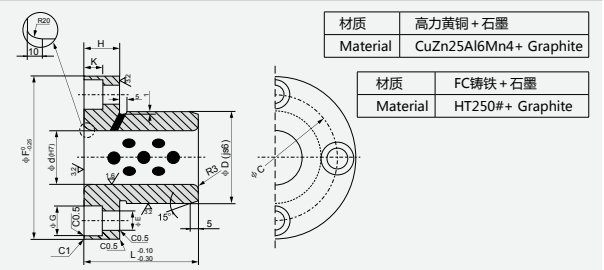


材质	高力黄铜+石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

规格 Standard No.	W	L	螺孔 Bole Hole a	b	c	d	Bolt 螺孔 Size	数量 Number	Type
JSL-20×100	20	100	60	—	—	—	M8	2	A
JSL-20×150		150	55	55	—	—		3	
JSL-20×200		200	55	50	55	—		4	
JSL-30×100	30	100	60	—	—	—	M10	2	B
JSL-30×150		150	55	55	—	—		3	
JSL-30×200		200	55	50	55	—		4	
JSL-30×250		250	70	70	70	—		4	
JSL-45×200	45	200	55	50	55	—		4	C
JSL-45×250		250	70	70	70	—		4	
JSL-45×300		300	65	65	65	65		5	
JSL-45×350		350	80	75	75	80		5	

RCB-HGB250 自润导向套
RCB-HGB250 Oilless Guide Bushes



材质	高力黄铜+石墨
Material	CuZn25Al6Mn4+ Graphite

材质	FC铸铁+石墨
Material	HT250#+ Graphite

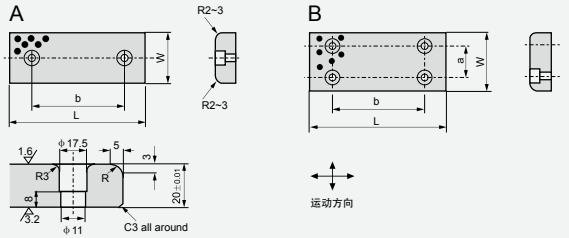
单位unit:mm

项目 Number	代号 Code	尺寸 Size	ΦF	ΦD	Φd	H	L	ΦC	ΦE	ΦG	K
1	30	90×50×30×50	90	50	30	20	50	70	11	17.5	10.8
2	40	100×60×40×65	100	60	40	20	65	80	11	17.5	10.8
3	50	125×75×50×80	125	75	50	20	80	100	11	17.5	10.8
4	60	135×85×60×100	135	85	60	20	100	110	11	17.5	10.8
5	80	170×110×80×130	170	110	80	25	130	140	14	20	13
6	100	190×130×100×160	190	130	100	25	160	160	14	20	13

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JESW 自润滑板
RCB-JESW Oilless Wear Plate

RONCAN



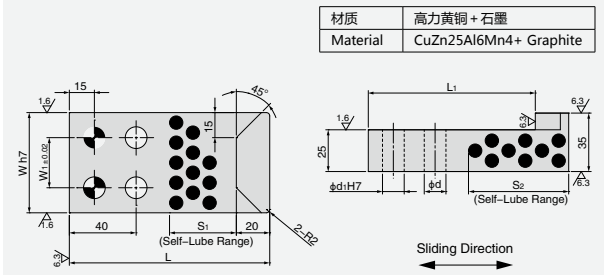
材质	高力黄铜+石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

规格 Standard No.	W	L	a	b	倒角 α
JESW 28×75	28	75		45	A
JESW 28×100		100		50	
JESW 28×150		150		100	
JESW 38×75	38	75		45	
JESW 38×100		100		50	
JESW 38×150		150		100	
JESW 48×75	48	75		45	
JESW 48×100		100		50	
JESW 48×125		125		75	
JESW 48×150		150		100	
JESW 48×200		200		150	
JESW 58×75	58	75		45	
JESW 58×100		100		50	
JESW 58×150		150		100	
JESW 75×75	75	75		25	
JESW 75×100		100		50	
JESW 75×125		125		75	
JESW 75×150		150		100	
JESW 75×200		200		150	
JESW 100×100	100	100	50	50	B
JESW 100×125		125		75	
JESW 100×125		150		100	
JESW 100×200		200		150	
JESW 100×250		250		200	
JESW 125×125	125	125	50	75	
JESW 125×150		150		100	
JESW 125×200		200		150	
JESW 125×250		250		200	
JESW 150×150	150	150	100	100	
JESW 150×200		200		150	
JESW 150×250		250		200	
JESW 150×300		300		250	
JESW 200×200	200	200	150	150	
JESW 200×250		250		200	
JESW 200×300		300		250	

RCB-DPGPC 自润导板
RCB-DPGPC Cam Pad Guide Plate

RONCAN

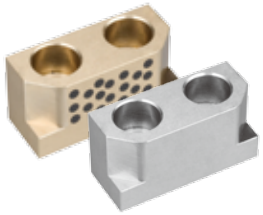


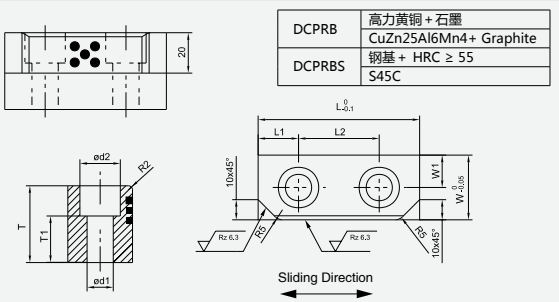
材质	高力黄铜+石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

规格 Standard No.	W h7		L_1	L_2	S_1	S_2	W_1	d	d_1
DPGPC-60×120			120	100	40	60	30	13	13
DPGPC-60×140	60	0 -0.030	140	120	60	80			
DPGPC-60×160			160	140	80	100			
DPGPC-100×120			120	100	40	60	70	18	16
DPGPC-100×140	100	0 -0.035	140	120	60	80			
DPGPC-100×160			160	140	80	100			
DPGPC-150×120			120	100	40	60	120		
DPGPC-150×140	150	0 -0.040	140	120	60	80			
DPGPC-150×160			160	140	80	100			

RCB-DCPRB/DCPRBS 自润导板
RCB-DCPRB/DCPRBS Cam Pad Guide Plate





DCPRB	高力黄铜+石墨
	CuZn25Al6Mn4+ Graphite
DCPRBS	钢基+ HRC ≥ 55
	S45C

单位unit:mm

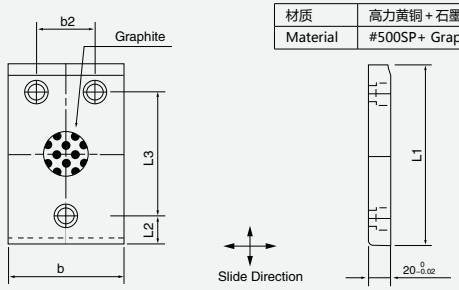
规格 Standard No.	W×L×S	L1	L2	W1	T1	d1	d2
DCRPB/DCPRBS	25×60×30	15	30	11	18	11	17.5
DCRPB/DCPRBS	32×60×38	15	30	16	23	13	20
DCRPB/DCPRBS	32×80×38	20	40	16	23	13	20

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-39D 863 自润滑板
RCB-39D 863 Oilless Wear Plate

RONCAN



材质	高力黄铜＋石墨
Material	#500SP+ Graphite

单位unit:mm

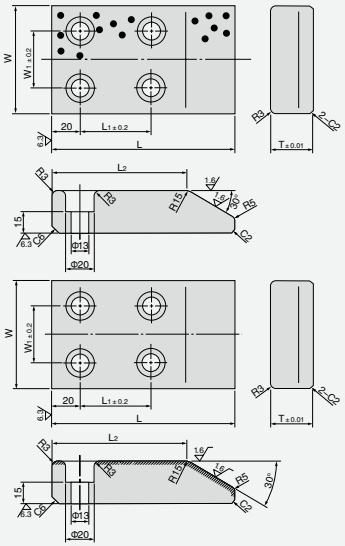
规格 Standard No.	b -0.2	L1 -0.2	b2 ±0.2	L2 ±0.2	L3 ±0.2	L4 ±0.2	Bolt	Screw Holes 螺丝孔
39D863-12	50	80	-	25	30	-	M8×25	2
39D863-13		100	-		50	-	M12×25	
39D863-14		125	-		75	-		
39D863-15		160	-		110	-		
39D863-16		200	-		150	-		
39D863-111		250	-		60	80		4
39D863-112		300	-		80	90		
39D863-113		350	-		100	100		
39D863-114		400	-		120	110		
39D863-115		450	-		140	120		
39D863-116		500	-		150	150		
39D863-21	80	50	30	25		-	M8×25	2
39D863-22		80	-		30	-	M12×25	
39D863-23		100	-		50	-		
39D863-24		125	-		75	-		
39D863-25		160	-		110	-		
39D863-26		200	-		150	-		
39D863-121		250	-		60	80		4
39D863-122		300	-		80	90		
39D863-123		350	-		100	100		
39D863-124		400	-		120	110		
39D863-125		450	-		140	120		
39D863-126		500	-		150	150		
39D863-31	100	50	50	25		-	M12×25	2
39D863-32		80		40		-		
39D863-33		100	-	25	50	-		
39D863-34		125	-		75	-		
39D863-35		160	-		110	-		
39D863-36		200	-		150	-		
39D863-131		450	-		140	120		4
39D863-132		500	-		150	150		
39D863-41	125	50	75	25		-	M12×25	2
39D863-42		80		40		-		
39D863-43		100		25	50	-		3
39D863-44		125			75	-		
39D863-45		160			110	-		
39D863-46		200			150	-		
39D863-141		450	-		140	120		4
39D863-142		500	-		150	150		
39D863-51	160	50	110	25		-	M12×25	2
39D863-52		80		40		-		
39D863-53		100		25	50	-		3
39D863-54		125			75	-		
39D863-55		160			110	-		
39D863-56		200			150	-		

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-DSPW/DSPS 凸轮行程滑板
RCB-DSPW/DSPS Oilless Wear Plate

RONCAN

DSPS	S45C
	钢基＋HRC≥55
DSPW	# 500SP＋Graphite
	高力黄铜＋石墨



单位unit:mm

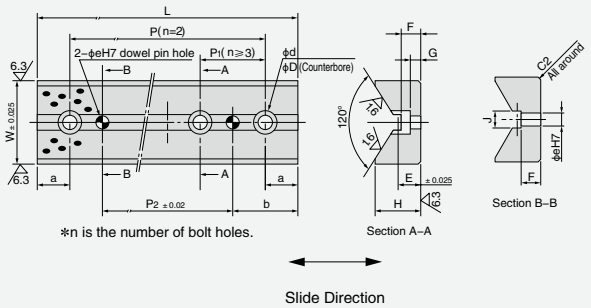
规格 Standard No.	W	L	T	W_1	L_1	L_2
DSPW/DSPS-75×130	75	130	30	40	50	95
DSPW/DSPS-75×150	100	150	45		45	90
DSPW/DSPS-100×130		130	30	60	50	95
DSPW/DSPS-100×150		150	45		45	90
DSPW/DSPS-100×170		170	60			
DSPW/DSPS-100×200		200			75	120
DSPW/DSPS-125×130	125	130	30	85	50	95
DSPW/DSPS-125×150		150	45		45	90
DSPW/DSPS-125×170		170	60			
DSPW/DSPS-125×200		200			75	120
DSPW/DSPS-150×130	150	130	30	110	50	95
DSPW/DSPS-150×150		150	45		45	90
DSPW/DSPS-150×170		170	60			
DSPW/DSPS-150×200		200			75	120

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-DCBS/DCBSL V 型导板
RCB-DCBS/DCBSL V Cam Slide Guide

RONCAN

材质	高力黄铜＋石墨
Material	#500SP+ Graphite



·bolt hole

W	d	D
35	9	14
50·65	11	17.5

单位unit:mm

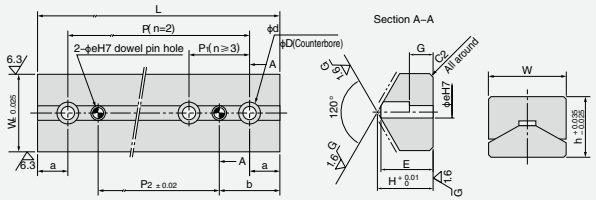
规格 Standard No.	W	L	H	ℓ	ℓ_1	P	P1	n	P2	E	F	G
DCBS	65	100	35	20	40	60	-	2	20	18	15	8
		150		25	50	-	50	3	50			
		200						4	100			
		250						5	150			
		300						6	200			
DCBSL	65	100	37	20	40	60	-	2	20	20	20	10
		125		25	50	75			25			
		150				100			50			
		200				-	75	3	100			
		250					100		150			
		300					125		200			

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-DCBSP/DCBSPL V 型导板
RCB-DCBSP/DCBSPL V Cam Slide Guide

RONCAN

材质	钢基＋HRC≥40
Material	S45C



·bolt hole

W	d	D
35	9	14
50·65	11	17.5

·UTotal height of Combination DCBS and DCBSP

W	H
35	35
50	50
65	65

单位unit:mm

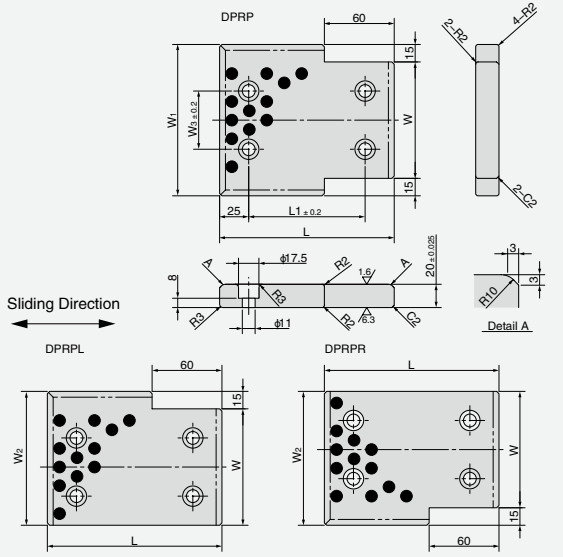
规格 Standard No.	W	L	H	ℓ	ℓ_1	P	P1	n	P2	E	G
DCBSP	65	100	47	20	40	60	-	2	20	44	20
		150		25	50	-	50	3	50		
		200						4	100		
		250						5	150		
		300						6	200		
DCBSPL	65	100	30	20	40	60	-	2	20	26	10
		125		25	50	75			25		
		150				100			50		
		200				-	75	3	100		
		250					100		150		
		300					125		200		

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-DPRP/DPRPR/DPRPL 凸轮退回滑板
RCB-DPRP/DPRPR/DPRPL Oilless Cam Positive Return Plate

RONCAN

材质	高力黄铜+石墨
Material	#500SP+ Graphite



单位unit:mm

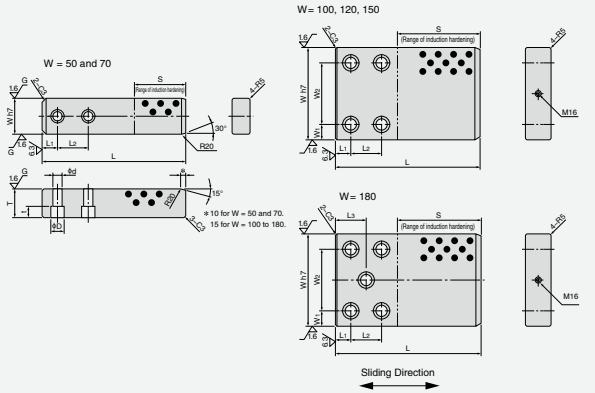
规格 Standard No.	W	L	W_1	W_2	W_3	L_1
DPRP/DPRPR/DPRPL-100×75	75	100	105	90	40	50
DPRP/DPRPR/DPRPL-100×75		125				75
DPRP/DPRPR/DPRPL-125×75		150				100
DPRP/DPRPR/DPRPL-125×100	100	125	130	115	50	75
DPRP/DPRPR/DPRPL-150×100		150				100
DPRP/DPRPR/DPRPL-150×125	125	150	155	140	75	100
DPRP/DPRPR/DPRPL-200×125		200				150
DPRP/DPRPR/DPRPL-250×125		250				200
DPRP/DPRPR/DPRPL-200×150	150	200	180	165	100	150
DPRP/DPRPR/DPRPL-250×150		250				200

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-DGBZ 自润外导板
RCB-DGBZ Oilless Wear Plate

RONCAN

材质	钢基+HRC≥40
Material	S45C



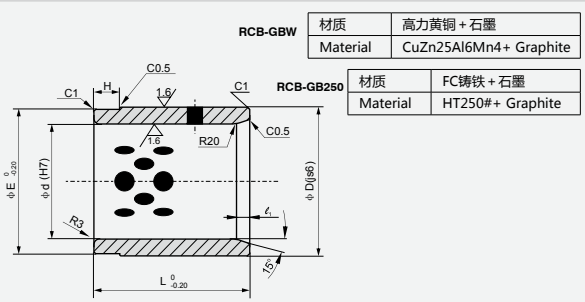
单位unit:mm

规格 Standard No.	W	L	W h7		L_1	L_2	L_3	W_1	W_2	D	d	t	e	s	T
DGBZ-50×160	50	160	50	0 -0.025	20	50	-	-	-	26	18	18	10	60	30
DGBZ-50×200		200												120	
DGBZ-50×260		260				80									
DGBZ-70×230	70	230	70	0 -0.030	25	60								100	35
DGBZ-70×260		260												160	
DGBZ-70×300		300				75									
DGBZ-70×350		350				150								150	
DGBZ-100×230	100	230	100	0 -0.035		60		20	60	32	22	22	15	100	45
DGBZ-100×280		280												160	
DGBZ-100×330		330				100									
DGBZ-100×390		390				120								200	
DGBZ-120×230	120	230	120			60		30						100	
DGBZ-120×280		280												160	
DGBZ- 120×330		330				100									
DGBZ-120×390		390				120								200	
DGBZ-150×280	150	280	150			60			90					160	50
DGBZ-150×330		330				80								190	
DGBZ-150×390		390				140									
DGBZ-150×430		430				180									
DGBZ-180×280	180	280	180	0 -0.040	30	60	60		120					160	55
DGBZ-180×330		330				80	70							190	
DGBZ-180×390		390				140	100								
DGBZ-180×430		430				180	120								
DGBZ-180×480		480				200	130							200	
DGBZ-180×550		550				225	142.5							250	

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-GBW/GB250 自润导向套
RCB-GBW/GB250 Oilless Guide Bushes

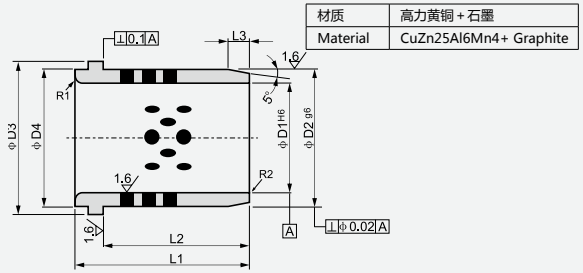
RONCAN



单位unit:mm

项目 Number	代号 Code	尺寸 Size	ΦD	Φd	L	ΦE	H	ΦC_1
1	30	50×30×50	50	30	50	49	10	10
2	40	60×40×50	60	40	60	59	10	
3	50	70×50×50	70	50	75	69	15	
4	60	80×60×90	80	60	90	79	20	
5	80	100×80×120	100	80	120	99	25	
6	100	120×100×130	120	100	150	119	25	
7	120	140×120×180	140	120	180	139	25	

RCB-JNA 自润导向套
RCB-JNA Oilless Guide Bushes



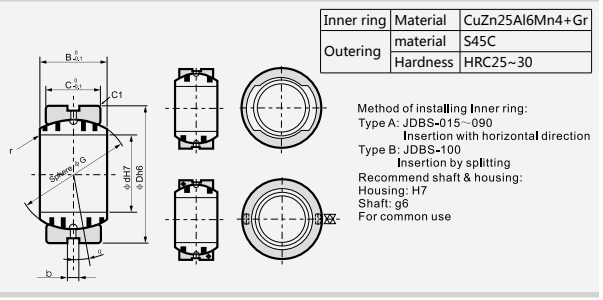
单位unit:mm

规格 Standard No.	D1	H6	D2	g6	D3	D4	L1	L2	L3	R1
JNA32×50	32	+0.016 0	40	-0.009 -0.025	50	40	50	40	4	3
JNA40×63	40		50		63	50	63	50	5	3
JNA50×71	50		63	-0.010 -0.029	71	63	71	56	6	5
JNA63×80	63	+0.019 0	80		90	80	80	63	8	6
JNA80×100	80		100	-0.012 -0.034	112	100	100	80	10	8
JNA100×125	100	+0.022 0	125	-0.014 -0.039	140	125	125	106	12	10
JNA115×140	115		140		155	140	140	120	12	10

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JDBS 自润球铰
RCB-JDBS Oilless Guide Bushes

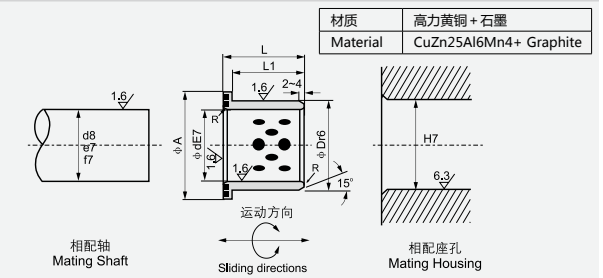
RONCAN



单位unit:mm

规格 Standard No.	Dimension φd	φD	B	C	φG	r	b	Aligning angle 调整角度 σ°	Type
JDBS-015	15	26	12	9	22	R0.5	4	8	
JDBS-020	20	32	16	14	28			4	
JDBS-025	25	42	21	18	36			5	
JDBS-030	30	50	27	23	44	R1		6	
JDBS-035	35	55	30	26	49			5	
JDBS-040	40	62	33	28	55			6	A
JDBS-050	50	80	42	36	70			5	
JDBS-060	60	100	53	45	90			6	
JDBS-070	70	110	58	50	99			5	
JDBS-080	80	130	70	60	115			6	
JDBS-090	90	140	76	65	125			6	
JDBS-100	100	160	88	75	145			6	B

RCB-JDBB 自润翻边轴套
RCB-JDBB Oilless Flange Bushes



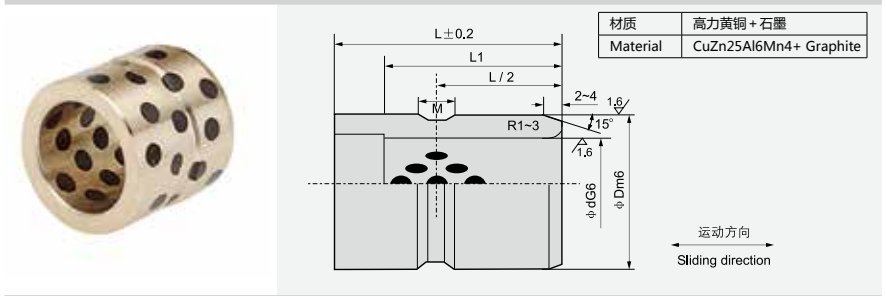
单位unit:mm

规格 Standard No.	φd	E7	φD	r6	φA	L1	L
JDBB-12×15	12	+0.050 +0.032	18	+0.034 +0.023	25	11	15
JDBB-16×20	16		22	+0.041 +0.028	30	15	20
JDBB-20×25	20	+0.061 +0.040	28		36	20	25
JDBB-25×30	25		33	+0.050 +0.034	43	25	30
JDBB-30×35	30	+0.075 +0.050	38		48	30	35
JDBB-40×45	40		50		60	40	45
JDBB-50×55	50		62	+0.060 +0.041	75	49	55
JDBB-60×65	60	+0.090 +0.060	75	+0.062 +0.043	90	58	65

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JGB 自润滑导向套
RCB-JGB Oilless Guide Bushes

RONCAN



材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

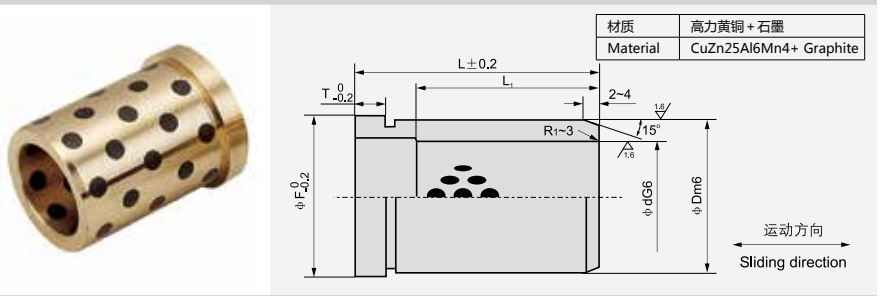
规格 Standard No.	φd	G6	φD	m6	L	L1	M
JGB-12×9	12	+0.017 +0.006	18	+0.018 +0.007	9	9	-
JGB-12×14					14	14	4
JGB-12×19					19	19	
JGB-12×24					24	24	
JGB-13×14	13		20	+0.021 +0.008	14	14	
JGB-13×19					19	19	
JGB-13×24					24	24	6
JGB-13×29					29	29	
JGB-13×34					34	30	
JGB-16×14	16		25		14	14	4
JGB-16×19					19	19	
JGB-16×24					24	24	6
JGB-16×29					29	29	
JGB-16×34					34	34	
JGB-16×39					39	35	
JGB-20×14	20	+0.020 +0.007	30		14	14	4
JGB-20×19					19	19	
JGB-20×24					24	24	6
JGB-20×29					29	29	
JGB-20×34					34	34	
JGB-20×39					39	39	
JGB-20×49					49	40	
JGB-25×24	25		35		24	24	8
JGB-25×29					29	29	
JGB-25×34					34	34	
JGB-25×39					39	39	
JGB-25×49					49	49	
JGB-25×59					59	50	
JGB-30×29	30		42	+0.025 +0.009	29	29	8
JGB-30×34					34	34	
JGB-30×39					39	39	
JGB-30×49					49	49	
JGB-30×59					59	59	
JGB-30×69					69	60	
JGB-30×79					79		

规格 Stanard No.	φd	G6	φD	m6	L	L1	M
JGB-35×29	35	+0.025 +0.009	48	+0.025 +0.009	29	29	8
JGB-35×39					34	34	
JGB-35×39					39	39	
JGB-35×49					49	49	
JGB-35×59					59	59	
JGB-35×69					69	69	
JGB-35×79					79	70	
JGB-40×39	40		55	+0.030 +0.011	39	39	10
JGB-40×49					49	49	
JGB-40×59					59	59	
JGB-40×69					69	69	
JGB-40×79					79	79	
JGB-40×89					89	80	
JGB-50×49	50		70		49	49	10
JGB-50×59					59	59	
JGB-50×69					69	69	
JGB-50×79					79	79	
JGB-50×89					89	89	
JGB-50×99					99	90	
JGB-60×59	60		80		59	59	10
JGB-60×69					69	69	
JGB-60×79					79	79	
JGB-60×89					89	89	
JGB-60×99					99	90	
JGB-60×109					109		
JGB-70×69	70	+0.029 +0.010	90	+0.035 +0.013	69	69	10
JGB-70×79					79	79	
JGB-70×89					89	89	
JGB-70×99					99	99	
JGB-70×109					109	100	
JGB-70×119					119		
JGB-80×69	80		100		69	69	10
JGB-80×79					79	79	
JGB-80×89					89	89	
JGB-80×99					99	99	
JGB-80×109					109	100	
JGB-80×119					119		

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JGBF 自润滑翻边导向套
RCB-JGBF Oilless Flanged Guide Bushes

RONCAN



材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

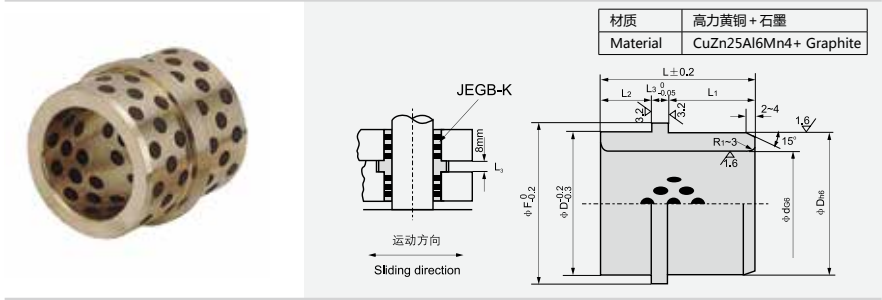
规格 Standard No.	φd	G6	φD	m6	φF	T	L	L_1
JGBF-12×19	12	+0.017 +0.006	18	+0.018 +0.007	25	4	19	19
JGBF-12×24							24	24
JGBF-12×29							29	29
JGBF-12×34							34	34
JGBF-13×19	13		20	+0.021 +0.008		5	19	19
JGBF-13×24							24	24
JGBF-13×29							29	25
JGBF-13×34							34	
JGBF-13×39							39	
JGBF-16×19	16		25		30	6	19	19
JGBF-16×24							24	24
JGBF-16×29							29	29
JGBF-16×34							34	30
JGBF-16×39							39	
JGBF-16×49							49	
JGBF-20×19	20	+0.020 +0.007	30		35	8	19	19
JGBF-20×24							24	24
JGBF-20×29							29	29
JGBF-20×34							34	34
JGBF-20×39							39	39
JGBF-20×49							49	40
JGBF-20×59							59	
JGBF-25×24	25		35		40	8	24	24
JGBF-25×29							29	29
JGBF-25×34							34	34
JGBF-25×39							39	39
JGBF-25×49							49	49
JGBF-25×59							59	50
JGBF-25×69							69	
JGBF-30×29	30		42	+0.025 +0.009	47	10	29	29
JGBF-30×34							34	34
JGBF-30×39							39	39
JGBF-30×49							49	49
JGBF-30×59							59	59
JGBF-30×69							69	60
JGBF-30×79							79	

规格 Standard No.	φd	G6	φD	m6	φF	T	L	L_1
JGBF-35×39	35	+0.025 +0.009	48	+0.025 +0.009	54	10	39	39
JGBF-35×49							49	49
JGBF-35×59							59	59
JGBF-35×69							69	69
JGBF-35×79							79	70
JGBF-35×89							89	
JGBF-35×99							99	
JGBF-40×39	40		55	+0.030 +0.011	61	10	39	39
JGBF-40×49							49	49
JGBF-40×59							59	59
JGBF-40×69							69	69
JGBF-40×79							79	79
JGBF-40×89							89	80
JGBF-40×99							99	
JGBF-40×109							109	
JGBF-50×49	50		70		76	12	49	49
JGBF-50×59							59	59
JGBF-50×69							69	69
JGBF-50×79							79	79
JGBF-50×89							89	89
JGBF-50×99							99	90
JGBF-50×109							109	
JGBF-50×119							119	
JGBF-60×99	60		80		86	15	99	99
JGBF-60×109							109	109
JGBF-60×119							119	110
JGBF-60×129							129	
JGBF-60×149							149	
JGBF-70×99	70	+0.029 +0.010	90	+0.035 +0.013	96	15	99	99
JGBF-70×109							109	109
JGBF-70×119							119	119
JGBF-70×129							129	120
JGBF-70×149							149	
JGBF-80×99	80		100		108	15	99	99
JGBF-80×109							109	109
JGBF-80×119							119	119
JGBF-80×129							129	120
JGBF-80×149							149	

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JEGB, RCB-JEGB-K 射出座导套
RCB-JEGB, RCB-JEGB-K Oilless Ejector Guide Bushes

RONCAN

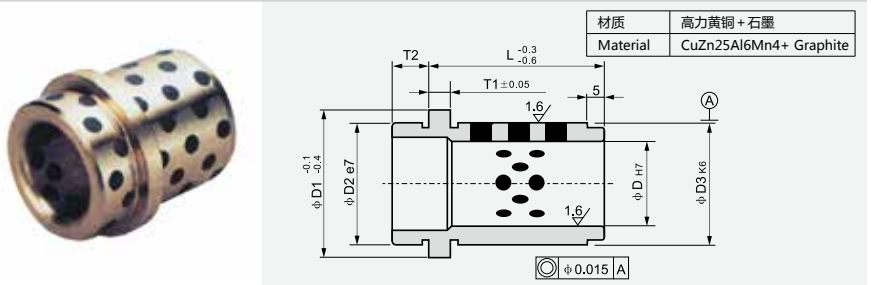


单位unit:mm

规格 Standard No.	φd	G6	φD	h6	φF	L	L_1	L_2	L_3
JEGB-10×24	10	+0.014 +0.005	16	0 -0.011	21	24	10	10	4
JEGB-10×28						28	14		
JEGB-12×26	12	+0.017 +0.006	18			26	12		
JEGB-12×28						28	14		
JEGB-13×26	13		22	0 -0.013	25	26	12		
JEGB-13×28						28	14		
JEGB-13×33						33	18		
JEGB-13×38						38	24		
JEGB-16×26	16		25		30	26	12		
JEGB-16×28						28	14		
JEGB-16×33						33	19		
JEGB-16×38						38	24		
JEGB-20×26	20	+0.020 +0.007	30		35	26	12		
JEGB-20×28						28	14		
JEGB-20×33						33	19		
JEGB-20×38						38	24		
JEGB-25×26	25		35		40	26	12		
JEGB-25×28						28	14		
JEGB-25×33						33	19		
JEGB-25×38						38	24		
JEGB-30×33	30		40	0 -0.016	45	33	14	15	
JEGB-30×38						38	19		
JEGB-30×43						43	24		
JEGB-32×38	32		42		47	38	19		
JEGB-32×43						43	24		
JEGB-32×48						48	29		
JEGB-35×38	35	+0.025 +0.009	46		50	38	19		
JEGB-35×43						43	24		
JEGB-35×48						48	29		
JEGB-40×48	40		52	0 -0.019	57	48	24	20	
JEGB-40×53						53	29		
JEGB-50×48	50		62		67	48	24		
JEGB-50×53						53	29		
JEGB-K-30×37	30	+0.020 +0.007	42	0 -0.016	47	37	14	15	8
JEGB-K-30×42						42	19		
JEGB-K-30×47						47	24		
JEGB-K-30×52						52	29		
JEGB-K-40×53	40	+0.025 +0.009	55	0 -0.019	60	53	20	25	
JEGB-K-40×57						57	24		
JEGB-K-40×60			50	0 -0.016	55	60	32	20	
JEGB-K-40×67			55	0 -0.019	60	67	29	30	
JEGB-K-40×70			50		55	70	42	20	
JEGB-K-50×67	50		62		67	67	29	30	
JEGB-K-50×87						87	39	40	
JEGB-K-60×67	60	+0.029 +0.010	74		82	67	29	30	
JEGB-K-60×87						87	39	40	

RCB-JSLB 自润翻边轴套
RCB-JSLB Oilless Flange Bushes

RONCAN



单位unit:mm

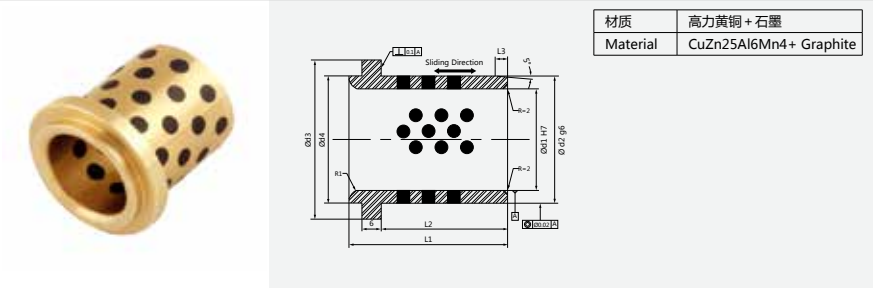
T1	T2	D1	D2	D3	D	L	Code	D	Code
3	3	16	14	14	9	12	JSLB 09 012	10	JSLB 10 012
						17	JSLB 09 017		JSLB 10 017
						22	JSLB 09 022		JSLB 10 022
						27	JSLB 09 027		JSLB 10 027
						36	JSLB 09 036		JSLB 10 036
6	6	25	20	20	14	17	JSLB 14 017	15	JSLB 15 017
						22	JSLB 14 022		JSLB 15 022
						27	JSLB 14 027		JSLB 15 027
						36	JSLB 14 036		JSLB 15 036
						46	JSLB 14 046		JSLB 15 046
						56	JSLB 14 056		JSLB 15 056
6	8	31	26	26	18	17	JSLB 18 017	20	JSLB 20 017
						22	JSLB 18 022		JSLB 20 022
						27	JSLB 18 027		JSLB 20 027
						36	JSLB 18 036		JSLB 20 036
						46	JSLB 18 046		JSLB 20 046
						56	JSLB 18 056		JSLB 20 056
						66	JSLB 18 066		JSLB 20 066

T1	T2	D1	D2	D3	D	L	Code	D	Code
6	8	36	30	30	22	17	JSLB 22 017	24	JSLB 24 017
						22	JSLB 22 022		JSLB 24 022
						27	JSLB 22 027		JSLB 24 027
						36	JSLB 22 036		JSLB 24 036
						46	JSLB 22 046		JSLB 24 046
						56	JSLB 22 056		JSLB 24 056
						66	JSLB 22 066		JSLB 24 066
						76	JSLB 22 076		JSLB 24 076
						86	JSLB 22 086		JSLB 24 086
6	8	47	42	42	30	27	JSLB 30 027	32	JSLB 32 027
						36	JSLB 30 036		JSLB 32 036
						46	JSLB 30 046		JSLB 32 046
						56	JSLB 30 056		JSLB 32 056
						66	JSLB 30 056		JSLB 32 066
						76	JSLB 30 076		JSLB 32 076
						86	JSLB 30 086		JSLB 32 086
						96	JSLB 30 096		JSLB 32 096
						116	JSLB 30 116		JSLB 32 116
10	12	60	54	54	40	46	JSLB 40 046	42	JSLB 42 046
						56	JSLB 40 056		JSLB 42 056
						66	JSLB 40 066		JSLB 42 066
						76	JSLB 40 076		JSLB 42 076
						86	JSLB 40 086		JSLB 42 086
						96	JSLB 40 096		JSLB 42 096
						116	JSLB 40 116		JSLB 42 116
						136	JSLB 40 136		JSLB 42 136
						156	JSLB 40 156		JSLB 42 156

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977
www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JFC 自润滑导套
RCB-JFC Guide Bushings

RONCAN

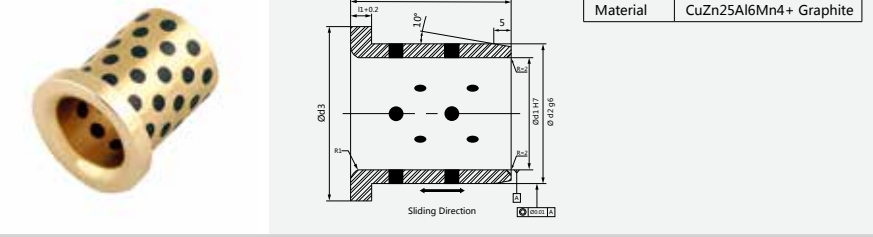


材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

Standard NO.	FORD WDX1370	NAAMS G61	OPEL U2802-99(A)	d1	L1	d2	d3	d4	L2	L3	R1
RCB-JFC-020040				20	40	28	34	28	30	4	3
RCB-JFC-025040	11025	2540	F33020019	25	40	32	40	32	30	4	3
RCB-JFC-030050				30	50	40	50	40	40	4	3
RCB-JFC-032050	11032	3250	F33020020	32	50	40	50	40	40	4	3
RCB-JFC-040063	11040	4063	F33020021	40	63	50	63	50	50	5	3
RCB-JFC-050071	11050	5071	F33020022	50	71	63	71	63	56	6	5
RCB-JFC-063080	11063	6300	F33020023	63	80	80	90	80	63	8	6
RCB-JFC-080100	11080	8010	F33020024	80	100	100	112	100	80	10	8
RCB-JFC-100125	11100	1012	F33020025	100	125	125	140	125	106	12	10
RCB-JFC-125160	11125	1216	F33020026	125	160	160	180	160	132	12	12

RCB-JFD 自润滑导套
RCB-JFD Guide Bushings



材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite

D30.02_100125

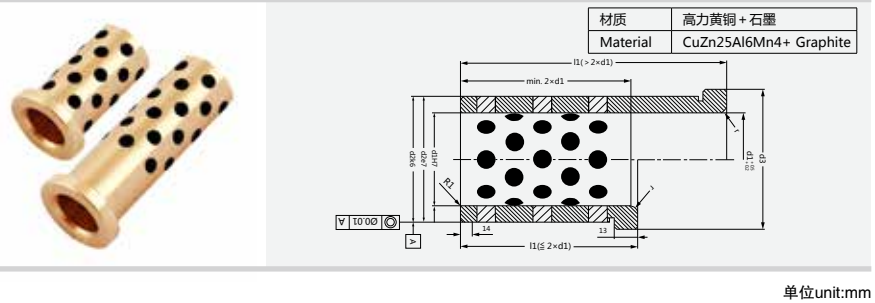
单位unit:mm

Standard NO.	FORD WDX1370	FORD WSA 003	d1	L	d2	d3	l1	R1
RCB-JFD-020035	05020	11020	20	35	28	36	8	2
RCB-JFD-025040			25	40	32	40	8	6
RCB-JFD-030055			30	55	40	50	8	6
RCB-JFD-032055	05032		32	55	40	50	8	6
RCB-JFD-040070	05040		40	70	50	60	8	6
RCB-JFD-042070	05042	11042	42	70	50	60	8	6
RCB-JFD-050075	05050		50	75	63	75	12	8
RCB-JFD-052075	05052	11052	52	75	63	75	12	8
RCB-JFD-063080	05063		63	80	80	90	12	8
RCB-JFD-080100	05080		80	100	100	110	12	8
RCB-JFD-100125	05100		100	125	125	135	12	8

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JFE 自润滑导套
RCB-JFE Guide Bushing

RONCAN



材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite

单位unit:mm

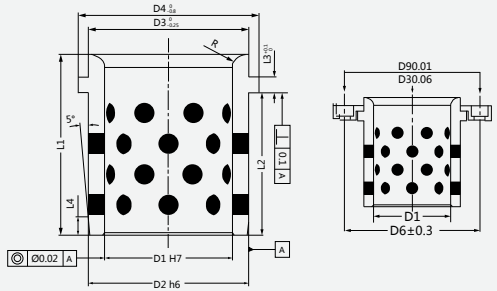
Standard NO.	d1	l1	d2	d3	r	l3	l4
RCB-JFE-20017	20	17	26	31	2	6	2
RCB-JFE-20022		22					
RCB-JFE-20027		27					
RCB-JFE-20036		36					
RCB-JFE-20046		46					
RCB-JFE-20056		56					
RCB-JFE-20066		66					
RCB-JFE-20076		76					
RCB-JFE-25046	25	46	32	38	3	6	3
RCB-JFE-25056		56					
RCB-JFE-25066		66					
RCB-JFE-25076		76					
RCB-JFE-25086		86					
RCB-JFE-30027	30	27	42	47	3	6	4
RCB-JFE-30036		36					
RCB-JFE-30046		46					
RCB-JFE-30056		56					
RCB-JFE-30066		66					
RCB-JFE-30076		76					
RCB-JFE-30086		86					
RCB-JFE-30096		96					
RCB-JFE-30116		116					
RCB-JFE-40046	40	46	54	60	3	10	5
RCB-JFE-40056		56					
RCB-JFE-40066		66					
RCB-JFE-40076		76					
RCB-JFE-40086		86					
RCB-JFE-40096		96					
RCB-JFE-40116		116					
RCB-JFE-40136		136					
RCB-JFE-40156		156					
RCB-JFE-50076	50	76	66	72	3	10	5
RCB-JFE-50086		86					
RCB-JFE-50096		96					
RCB-JFE-50116		116					
RCB-JFE-50136		136					
RCB-JFE-50156		156					
RCB-JFE-50196		196					
RCB-JFE-60096	60	96	80	86	3	20	5
RCB-JFE-60116		116					
RCB-JFE-60136		136					
RCB-JFE-60156		156					
RCB-JFE-60196		196					

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JFF 自润滑导套
RCB-JFF Guide Bushing

RONCAN

材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite



单位unit:mm

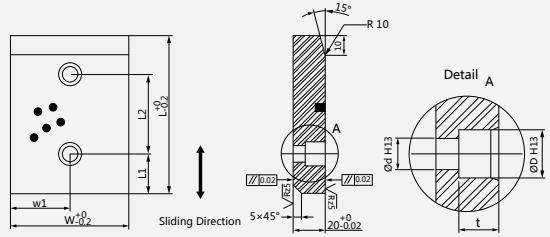
Standard NO.	BMW CODE B2 2933 1	D1	L1	D2	D3	D4	D6	L2	L3	L4	R
RCB-JFF-025040	2168699	25	40	32	32	40	58	30	6.3	3	3
RCB-JFF-032050	2168700	32	50	40	40	50	66	40	6.3	4	3
RCB-JFF-040063	2168701	40	63	50	50	63	79	50	6.3	5	3
RCB-JFF-050071	2168702	50	71	63	63	71	89	56	6.3	6.3	5
RCB-JFF-063080	2168703	63	80	80	80	90	123	63	10	8	6
RCB-JFF-080100	2168704	80	100	100	100	112	143	80	10	10	8
RCB-JFF-100125	2168705	100	125	125	125	140	168	106	10	12.5	10
RCB-JFF-125160	2168706	125	160	160	160	180	203	132	10	16	12
RCB-JFF-160200	2168707	160	200	200	200	220	243	170	10	16	18

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JWP 模具导滑板
RCB-JWP Mold Guide Plate

RONCAN

材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite



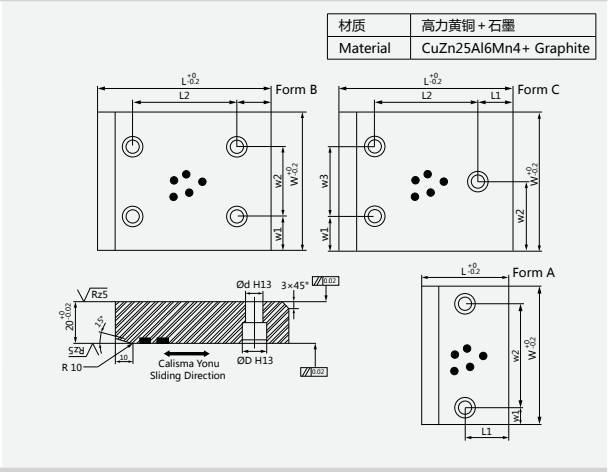
单位unit:mm

Standard NO.	VW/AUDI 39D863	FORD WDX 13-70	OPEL 3425	W	L	w1	L1	L2	ØD	Ød	t
RCB-JWP-050080	12			50	80	25	25	30	15	9	9
RCB-JWP-050100	13	02050100-Y	F33 04 0000		100			50	20	13.5	13
RCB-JWP-050125	14		F33 04 0001		125			75			
RCB-JWP-050160	15	02050160-Y	F33 04 0002		160			110			
RCB-JWP-050200	16	02050200-Y	F33 04 0003		200			150			
RCB-JWP-080080	22			80	80	40	25	30	20	13.5	13
RCB-JWP-080100	23	02080100-Y	F33 04 0004		100			50			
RCB-JWP-080125	24		F33 04 0005		125			75			
RCB-JWP-080160	25	02080160-Y	F33 04 0006		160			110			
RCB-JWP-080200	26	02080200-Y	F33 04 0007		200			150			
RCB-JWP-080250		02080250-Y			250		40	170			
RCB-JWP-080315		02080315-Y			315			235			
RCB-JWP-100100	33	02100100-Y	F33 04 0010	100	100	50	25	50	20	13.5	13
RCB-JWP-100125	34	02100125-Y	F33 04 0011		125			75			
RCB-JWP-100160	35	02100160-Y	F33 04 0012		160			110			
RCB-JWP-100200	36	02100200-Y	F33 04 0013		200			150			
RCB-JWP-100250		02100250-Y			250		40	170			
RCB-JWP-100315		02100315-Y			315			235			

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JUP 模具导滑板
RCB-JUP Mold Guide Plate

RONCAN



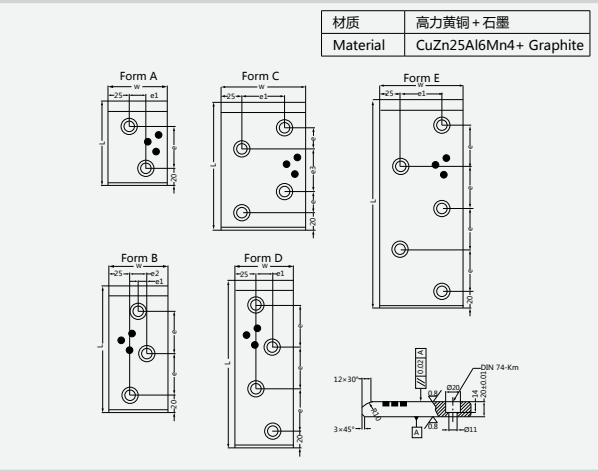
单位unit:mm

Standard NO.	VW/AUDI 39D863	FORD WDX 13-70	OPEL 3425	W	L	w1	w2	w3	L1	L2	ØD	Ød	t	Form
RCB-JUP-080050	21			80	50	25	30		25		15	9	9	A
RCB-JUP-100050	31	02100050-Y	F33 04 0008	100	50	25	50		25		20	13.5	13	A
RCB-JUP-100080	32		F33 04 0009	100	80				40					
RCB-JUP-125050	41			125	50	25	75		25		20	13.5	13	A
RCB-JUP-125080	42		F33 04 0014	125	80				40					
RCB-JUP-125100	43	02125100-Y	F33 04 0015	125	100		62.5	75	25	50				C
RCB-JUP-125125	44		F33 04 0016	125	125					75				
RCB-JUP-125160	45	02125160-Y	F33 04 0017	125	160					110				
RCB-JUP-125200	46	02125200-Y		125	200					150				
RCB-JUP-125250		02125250-Y		125	250				40	170				
RCB-JUP-125315		02125315-Y		125	315					235				
RCB-JUP-160050	51			160	50	25	110		25		20	13.5	13	A
RCB-JUP-160080	52			160	80				40					
RCB-JUP-160100	53	02160100-Y	F33 04 0018	160	100		80	110	25	50				C
RCB-JUP-160125	54		F33 04 0019	160	125					75				
RCB-JUP-160160	55	02160160-Y	F33 04 0020	160	160					110				
RCB-JUP-160200	56	02160200-Y		160	200					150				
RCB-JUP-160250		02160250-Y		160	250		110		40	170				B
RCB-JUP-160315		02160315-Y		160	315					235				

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JMP 模具导滑板
RCB-JMP Mold Guide Plate

RONCAN



单位unit:mm

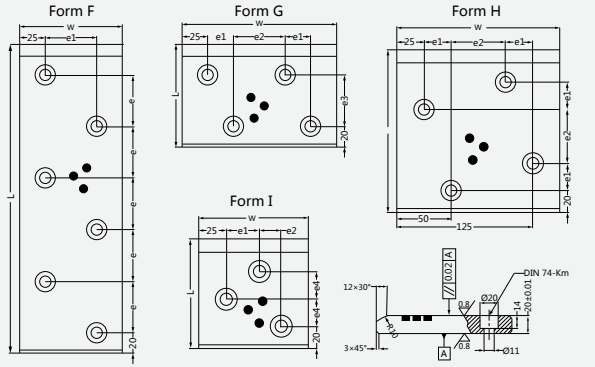
Standard NO.	PSA Mabec Code	RENAULT Mabec Code	W	L	e	e1	e2	e3	Form
RCB-JP-070100	Z000 166 214	R100 092 843	70	100	50	20	-	-	A
RCB-JP-070150	Z000 166 216	R100 092 844		150		10	20	-	B
RCB-JP-070200	Z000 166 221	R100 092 845		200		20	-	-	D
RCB-JP-100150	Z000 166 217	R100 092 883	100	150	25	50	-	50	C
RCB-JP-100200	Z000 166 222	R100 092 884		200	50	50	-	-	D
RCB-JP-100250	Z000 166 225	R100 092 885		250		50	-	-	E
RCB-JP-150200	Z000 166 223	R100 092 890	150	200	50	100	-	-	D
RCB-JP-150250	Z000 166 226	R100 092 893		250		100	-	-	E

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-JNP 模具导滑板
RCB-JNP Mold Guide Plate

RONCAN

材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite



单位unit:mm

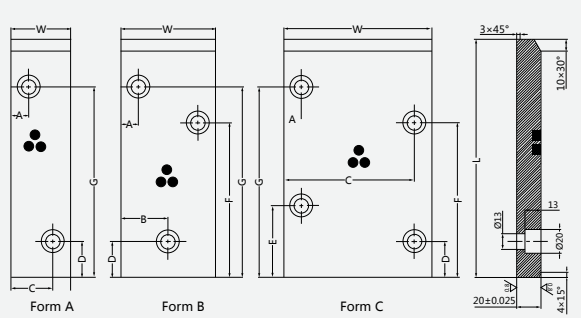
Standard NO.	PSA Mabec Code	RENAULT Mabec Code	W	L	e	e1	e2	e3	e4	Form
RCB-JNP-100100	Z000 166 215	R100 092 846	100	100	-	30	20	-	25	I
RCB-JNP-100300	Z000 166 227	R100 092 886		300	50	50	-	-	-	F
RCB-JNP-150100	Z000 166 218	R100 092 887	150	100	-	25	50	50	-	G
RCB-JNP-150150	Z000 166 219	R100 092 888		150	-	25	50	-	-	H
RCB-JNP-150300	Z000 166 228	R100 092 894		300	50	100	-	-	-	F
RCB-JNP-200100	Z000 166 224	R100 092 895	100	100	-	50	50	50	-	G

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RCB-JLP 模具导滑板
RCB-JLP Mold Guide Plate

RONCAN

材质	高力黄铜＋石墨
Material	CuZn25Al6Mn4+ Graphite



单位unit:mm

Standard NO.	FORD CODE WDX1362	W	L	A	B	C	D	E	F	G	Form
RCB-JLP-050100	02050100-Y	50	100	25		25	30			60	A
RCB-JLP-050150	02050150-Y		150				30			100	A
RCB-JLP-050200	02050200-Y		200				40			160	A
RCB-JLP-080100	02080100-Y	80	100	20		60	30			60	A
RCB-JLP-080150	02080150-Y		150				30			110	A
RCB-JLP-080200	02080200-Y		200				40			160	A
RCB-JLP-080250	02080250-Y		250				40			210	A
RCB-JLP-080315	02080315-Y		315		40		40		250	275	B
RCB-JLP-100100	02100100-Y	100	100	22		78	30			60	A
RCB-JLP-100150	02100150-Y		150				30			110	A
RCB-JLP-100200	02100200-Y		200		50		40		135	160	B
RCB-JLP-100250	02100250-Y		250		50		40		185	210	B
RCB-JLP-100315	02100315-Y		315		50		40		250	275	B
RCB-JLP-125100	02125100-Y	125	100	25		100	30			60	A
RCB-JLP-125150	02125150-Y		150				30			110	A
RCB-JLP-125200	02125200-Y		200		62		40		135	160	B
RCB-JLP-125250	02125250-Y		250		62		40		185	210	B
RCB-JLP-125315	02125315-Y		315				40	65	250	275	C
RCB-JLP-160100	02160100-Y	160	100	30		130	30			60	A
RCB-JLP-160150	02160150-Y		150				30			110	A
RCB-JLP-160200	02160200-Y		200		80		40		135	160	B
RCB-JLP-160250	02160250-Y		250				40	65	185	210	C
RCB-JLP-160315	02160315-Y		315				40	65	250	275	C

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-750 固体镶嵌轴承
RCB-750 Solid Lubricant Inlaid Bearing

RONCAN

RCB750 固体镶嵌轴承是在以高力黄铜或锡青铜为基体上镶嵌固体润滑剂的一种新产品。它突破了一般轴承依靠油膜润滑的界限。适用于高温，高载，耐腐蚀或无法加油等场合条件下使用。它的硬度比一般铜套高一倍，耐磨性能也高一倍。目前广泛运用于冶金连铸机，轧钢设备、矿山机械、船舶、气轮机、注塑机、壁炉门、洪炉滚道、轻工机械、机床业以及设备生产流水线中。他以下几个优点：

1. 可以完全的在无给油状态下工作；
2. 实现自润滑，而且润滑性能比 RCB650 好
3. 在所有环境条件保持良好的润滑性和结构完整性；
4. 可以在最极端的温度，超过 1200 摄氏度，远远低于冻结环境下工作；
5. 环保

RCB750: A kind of high strength cast bronze based material and on the surface of ehich is embedded with preformed solid lubricant. This bushes has both the virtues of the copper alloy and the solid lubricant, can be applied under dry, high temperature, high pressure, corrosive, water or other chemical environment, where no oil can be introduced. This bushes is now used in successive casting machines, steel rollers in metallography, mineral machines, ships, turbo generators, hydraulic turbines and injuection molding machines for plastics. We can make all sizes and types of this bushes. The following is a list of benefits our graphite has to offer:

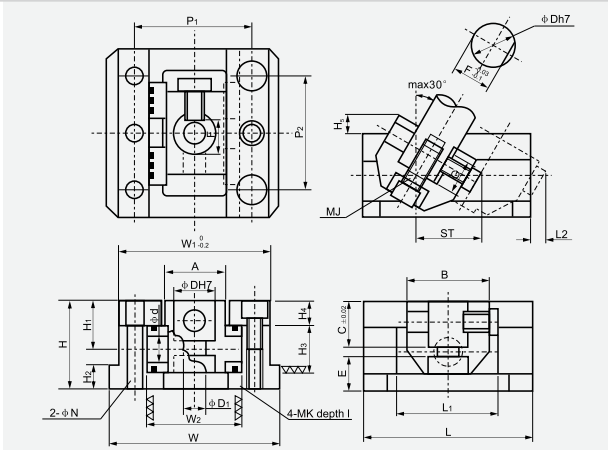
- It is completely oil-less
- It is self-lubricating
- Maintains excellent lubricity and structural integrity in all environmental conditions
- May be used while continually immersed in liquids
- Holds up under the most extreme temperatures, exceeding 1200 degrees Fahrenheit and well below freezing
- There are no known acids or alkaloids contained, which could have a corrosive effect on equipment
- Designed for longevity
- Environmentally safe!

注：尺寸可以根据客户定制

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

JOCU-A 斜顶滑座
JOCU-A Slide Core Units

RONCAN



单位unit:mm

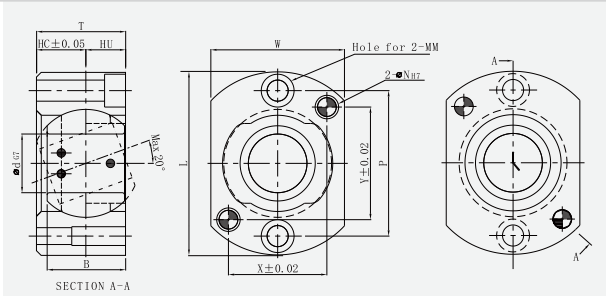
Standard No. 型号规格	φD	φd	$φD_1$	A	B	C	E	F	G	MJ	H	H_1	H_2	H_3	H_4
JOCU-A-8	8	7	4.5	11	20	8	10	7	8	M4	22	12.5	5	11	7
JOCU-A-10	10	7	5.5	15	25	10	12.5	9	9	M5	27	15.5	5	15	8
JOCU-A-12	12	10	7	17	25	12	15	11	10	M6	32	18	7	16	10
JOCU-A-16	16	12	9	22	30	16	15	14.5	12	M8	36	20	8	20	10
JOCU-A-20	20	14	11	26	40	20	16	18	16	M10	42	23	11	22	12
JOCU-A-25	25	16	14	32	45	25	17	22.5	20	M12	50	28	15	26	15
JOCU-A-30	30	18	14	38	50	30	17	27	25	M12	55	30	15	30	15
JOCU-A-35	35	20	14	45	60	35	18	32	30	M12	62	35	15	34	18
JOCU-A-40	40	25	18	55	70	40	19	36	35	M16	70	40	15	44	18
JOCU-A-45	45	30	18	60	80	45	24	40	40	M16	80	45	15	50	20

Standard No. 型号规格	H_5	L	L_1	L_2	W	W_1	W_2	P_1	P_2	MK	I	φN	ST
JOCU-A-8	10.5	32	20	3.6	33	30	19	24	20	M3	9.5	3	10
JOCU-A-10	11.3	45	25	4.5	45	40	25	32	30	M4	14	4	18
JOCU-A-12	4	50	30	8	57	51	31	39	35	M6	14	6	20
JOCU-A-16	5	65	40	8	65	58	38	46	40	M6	16	6	25
JOCU-A-20	8	80	50	8	80	72	44	56	55	M8	19	8	30
JOCU-A-25	8	90	55	12	93	85	52	66	65	M10	22	10	35
JOCU-A-30	9	100	60	12	101	93	60	74	70	M10	25	10	40
JOCU-A-35	10	120	75	8	120	110	70	85	80	M12	27	10	45
JOCU-A-40	12	135	85	8	130	120	80	95	90	M12	30	10	50
JOCU-A-45	14	150	95	10	140	130	90	105	110	M12	35	10	55

www.boccole.com www.rcbushing.com
info@rcbushing.com

JOCU-B 圆形斜顶滑座
JOCU-B Spherical Guide Bush Sets

RONCAN



1、此组件与类似斜顶装配套使用，适用于大型模具；

2、内部球形的铜导滑杆固定具有 20°倾斜度的摆动，十分便于安装；镶石墨的设计。减少斜导杆在移动中的磨损和卡伤；

3、JOCU-B 的使用，减少因斜导杆过长在运动过程中而造成的摆动；减少斜导杆尾部的负载力，增加向上力使其整个机构使用性能更好、寿命更长；

1.It isrecommended to use the combination of Slide core unit similar with JOCU series,apply to Large die and mold

2.The inclined pin has angle of 0° to 20°,easy for installation,and with its graphites insrerts,it can reduce friction when the inclined pin moving.

3.The usage of JOCU-B,itreduce the swing due to the length of in clined pin.Load comcentrated at guide bearing end,increase of upward resistance.

Code	d	L	W	T	HC	HU	B	Mounting hole		Dowel pin hole			Hexagon socket boll	Dowel pin
								MM	P	N	X	Y		
JOCU-B	8	44	28	17	9	8	17	M5	32	5	20	28	M5×20	φ5×20
	10	46	30	20	11	9	16	M5	34	5	22	28	M5×25	φ5×20
	12	50	32	22	12	10	18	M6	36	6	22	30	M6×25	φ6×25
	16	58	45	29	16	13	25	M6	45	6	30	35	M6×35	φ6×25
	20	65	50	33	18	15	28	M6	52	6	35	40	M6×40	φ6×25
	25	78	57	38	21	17	33	M8	62	8	40	50	M8×45	φ8×30
	30	86	65	43	24	19	37	M8	70	8	48	55	M8×50	φ8×30

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RONCAN

RCB-FU1
铜基含油粉末冶金轴承

RCB-FU1 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。
It's made of bronze or iron powder, mold pressed under high pressure and then sintered under high temperature, and oil is soaked into the homogeneously spread tiny pores of the metal under vacuum. It's used in domestic electric appliances, electric tools, and textiles machinery.

性能指标 Performance Index	有关数据 Data
最大承载压力 P Max Load Capacity P	150N/mm²
工作温度 Working Temperature	-80℃~+160℃
最高滑动速度 Max.Sliding Speed V	2.5m/s
材质 Material	CuSn6-6-3
允许最高PV值 Maximum PV Value	2.45N/mm²·m/s

RCB-FU2
铁基含油粉末冶金轴承

RCB-FU2铁基含油轴承，是一种铁基粉末冶金产品，由于含油的作用，可以防止咬轴现象。在低载荷的情况下，可以有与铜粉末冶金相似的耐磨性能。该产品广泛应用于纺织机械、汽车、摩托车减震器和电动工具的滑动部位。在静态使用的环境下可用作导向定位轴套的基座.
FU-2 sintered iron power bearing, it can avoid seizing shaft due to the oil content in the bushing. Same as bronze power bushings, FU-2 bushing has good performance of anti- friction if it works under low load. It can be widely used in sliding part of textile machines,electric tools, shock absorbers of automobile and motorcycle. Under static condition, it can be used as base housing for guiding and fixing position.

性能指标 Performance Index	有关数据 Data
最大承载压力 P Max Load Capacity P	150N/mm²
工作温度 Working Temperature	-60℃~+200℃
最高滑动速度 Max.Sliding Speed V	2.5m/s
材质 Material	Fe
允许最高PV值 Maximum PV Value	2.45N/mm²·m/s

RCB-FU3
铜铁合基含油粉末冶金轴承

RCB-FU3铜铁含油轴承，是一种集FU-1和FU-2合而为一的粉末冶金产品，其Fe与Cu的配比完全可以按顾客的使用要求而确定，既考虑满足生产条件，又考虑降低成本，是机械零部件中，满足顾客个性化需求最理想的专用产品。
FU-3 sintered bronze & iron bearing has advantages of FU-1 and FU-2. The proportion of iron and bronze can be decided by customers' actual application. The bushing is of low cost but it can satisfy customers' variety requirement better.

性能指标 Performance Index	有关数据 Data
最大承载压力 P Max Load Capacity P	150N/mm²
工作温度 Working Temperature	-60℃~+200℃
最高滑动速度 Max.Sliding Speed V	2.5m/s
材质 Material	Fe
允许最高PV值 Maximum PV Value	2.45N/mm²·m/s

www.boccole.com www.rcbushing.com
info@rcbushing.com

RCB-FZH
铜基钢球保持架

该产品以铜基，配以优质钢球，按一定的角度和密度有序地排列，采用特殊工艺加工而成。产品适用于冷冲模具，精密机床等。

The basement of this product is copper. With the high quality roller being arranged orderly in certain angle and density, it is produced by special workmanship. This kind of products is used in punching mold and high-precision machine tools.

最大承载压力	30N/mm²	装配过盈	0.01mm~0.02mm
最高线速度	6m/s	钢球直径偏差	<0.002mm
摩擦系数	0.01~0.08		

RCB-FZL
铝基钢球保持圈

该产品以铝基为基体，配以优质钢球，按一定的角度和密度有序地排列，采用特殊工艺加工而成。产品适用于冷冲模具，精密机床等。

The basement of this product is aluminum. With the high quality roller being arranged orderly in certain angle and density, it is produced by special workmanship. This kind of products is used in punching mold and high-precision machine tools.

最大承载压力	30N/mm²	装配过盈	0.01mm~0.02mm
最高线速度	6m/s	钢球直径偏差	<0.002mm
摩擦系数	0.01~0.08		

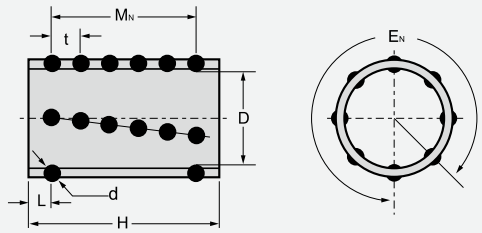
RCB-FZP
树脂基钢球保持架

该产品以POM为基体，配以优质钢球，按一定的角度和密度有序地排列，采用特殊工艺加工而成。产品适用于冷冲模具，精密机床等。

The basement of this product is POM. With the high quality roller being arranged orderly in certain angle and density, it is produced by special workmanship. This kind of products is used in punching mold and high-precision machine tools.

最大承载压力	30N/mm²	装配过盈	0.01mm~0.02mm
最高线速度	6m/s	钢球直径偏差	<0.002mm
摩擦系数	0.01~0.08		

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977



单位Unit: mm

型号规格 Designation	φD	H	φd	E_N	M_N	Balls	t	T
FZ □ 1950	19	50	3	12	8	96	5.5	5.75
FZ □ 1960		60			10	120		5.25
FZ □ 2050	20	50			8	96		5.75
FZ □ 2060		60			10	120		5.25
FZ □ 2250	22	50		14	8	112		5.75
FZ □ 2260		60			10	140		5.25
FZ □ 2360	23	60			10	140		5.25
FZ □ 2475	24	75		16	13	208	5.45	4.80
FZ □ 2550	25	50			8	128	5.5	5.75
FZ □ 2560		60			10	160		5.25
FZ □ 2775	27	75			13	208	5.45	4.80
FZ □ 2860	28	60	4	14	8	112	6.5	7.25
FZ □ 2875		75			11	154		5.0
FZ □ 3060	30	60			8	112		7.25
FZ □ 3075		75			11	154		5.0
FZ □ 3260	32	60		16	8	128		7.25
FZ □ 3275		75			11	176		5.0
FZ □ 3685	36	85			12	192		6.75
FZ □ 3690		90			13	208		6.0
FZ □ 3870	38	70	5		8	128	8.0	7.0
FZ □ 3890		90			11	176	7.9	5.5
FZ □ 4090	40	90			11	176		5.5
FZ □ 4590	45	90		18	11	195		5.5
FZ □ 45110		110			13	234	8.0	7.0
FZ □ 5090	50	90		20	11	220	7.9	5.5
FZ □ 50110		110			13	260	8.0	7.0
FZ □ 6090	60	90		22	11	242	7.9	5.5
FZ □ 60110		110			13	286	8.0	7.0
FZ □ 80130	80	130		28	15	420		9.0

www.boccole.com www.rcbushing.com
info@rcbushing.com

应用举例
Examples of Application

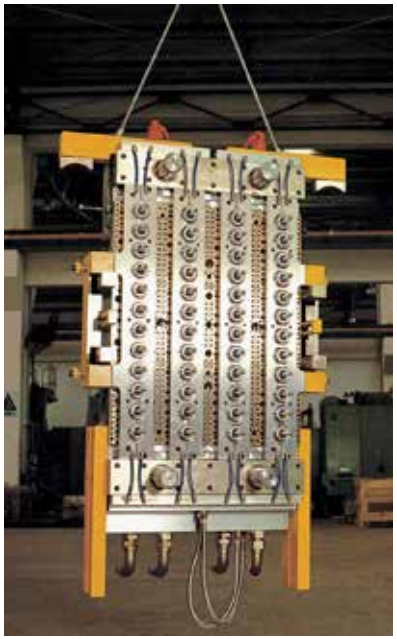
RONCAN

■ 特 点

1. 可长时间在无油润滑条件下工作。
2. 更适合于重载低速工况条件，具有良好的耐磨性和极低的磨擦系数。
3. 适合于往复、旋转、和间歇运动等油膜难以形成的场合。
4. 具有耐腐蚀和抗化学性。
5. 适用于-40℃+300℃的温度范围。
6. 免维修，使用寿命长。

■ Features

1. May work without any oil for long period.
2. Extremely high load capacity, good anti-wear and low friction.
3. Particularly appropriate for low speed and high load.
4. Suitable for reciprocating, oscillation or intermittent motion where oil film is hard to be formed.
5. Good chemical resistant and anti-corrosion characteristics.
6. Can be used in wide range of temp.



■ 典型用途

1. 重载、低速自润滑如水坝工作弧门支铰轴承、事故门轴承、水轮机轴承等。
2. 使用于高温场合，如钢铁厂、冶金设备、轧机 、输送辊道、高温鼓风炉、烘干炉用轴承。
3. 汽机车工业、覆盖件冲压模、组装流水线、传送带等用轴承。
4. 其它工业用轴承、工程机械、注塑机、各种高精度模具等。以及化工机械、食品机械、造纸机械、纺织印染机械等需耐蚀耐水浸润场合，重载低速 无法加油的工况场合。

■ Application

1. Use for high load low speed and self-lub. like dam gate and water gate bushes, hydraulic turbine bushes etc.
2. Use for high temp. such as iron and steel factory machines and so on.
3. Automobile production, like assembly lines, press lines, conveyor lines and so on.
4. Heavy duty machineries like steel rolling mills, injection machines, press dies etc.
5. And any others like chemical machines, food processing machines, paper mills, textile machines etc.

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

其他运用案例
Other Use Case

RONCAN

成型机械注塑机、橡胶机械、压铸机
Injection Machine, Rubber Machine, Die-Casting Machines

建筑机械 推土机、挖掘机、铲土机、起重机、搅拌机
Construction Machine Bulldozer, Grab, Scraper, Crane

汽车上的运用
For automotive Industry

1. 油门、制动、离合器踏脚板	Bushes for accelerator, brake, clutch pedal
2. 反光镜调节机构	Bushes for reflector control
3. 雨刮器中	Bushes for windscreen wipers
4. 玻璃窗提升机构中	Bushes for windscreen Iift system
5. 天窗机构中	Bushes for roof window system
6. 操纵杆	Bushes for gear lever
7. 车门铰链中	Bushes for door hinges
8. 车门锁中	Bushes for door lock
9. 安全带张紧机构中	Bushes for seat belt system
10. 引擎轴套	Bushes for engineer
11. 启动电机轴套	Bushes for starter motor
12. 座椅调节机构	Bushes for chair control
13. 减震器中	Bushes for shock absorbers
14. 汽化器中	Bushes for carburetor
15. 行李箱、引擎盖铰链中	Bushes for trunk and bonnet hinges
16. 横直拉杆及球头中	Bushes for suspension ball joint

www.boccole.com www.rcbushing.com
info@rcbushing.com

铜合金牌号以及对照列表
Examples of Application

RONCAN

ALLOY TYPE	BS STANDARD	EN STANDARD	SYMBOL	ASTM/UNS (NEAREST EQUIVALENT)	OTHER COMPATABLE ALLOYS
Aluminium Bronze	CA104	CW307G	CuAl10Ni	C63200 / C63000	NES833 BSB23(DTD197A)
Aluminium Bronze	CA105	-	CuAl10Fe3Ni7Mn2	C63000	-
Aluminium Bronze	AB1-C	CC331G	CuAl10Fe2-C	C95400	SAE68
Aluminium Bronze	AB2-C	CC333G	CuAl10Fe5Ni5-C	C95500	SAE68B
Leaded Bronze	LB1-C	CC496K	CuSn7Pb15-C	C93800	SAE67
Leaded Bronze	LB2-C	CC495K	CuSn10Pb10-C	C93700	SAE64 / SAE797 / SAE792
Leaded Bronze	LB4-C	CC494K	CuSn5Pb9-C	C93500	SAE66
Leaded Bronze	LB5-C	CC497K	CuSn5Pb20-C	C94100	SAE94, SAE794 & SAE799.
Leaded Bronze	-	-	CuSn7ZnPb	C93200	SAE660
Leaded Gunmetal	LG2-C	CC491K	CuSn5Zn5Pb5-C	C83600	SAE40
Leaded Gunmetal	LG4-C	CC492K	CuSn7Zn2Pb3-C	C93400	-
Leaded phosphor bronze	LPB1	-	CuSn8Pb4Zn1	C93100	-
Leaded Phosphor Bronze	PB4-C	CC480K	CuSn10-C	C92700	-
Nickel Gunmetal	G3	-	CuSn7Ni5Zn3	B292-56	-
Phosphor Bronze	PB101	CW450K	CuSn4	C50900 C51100	-
Phosphor Bronze	PB102	CW451K	CuSn5	C51000	NES838
Phosphor Bronze	PB103	CW452K	CuSn6	C51900	-
Phosphor Bronze	PB104	CW459K	CuSn8	C52100	BSB24 DTD265A
Phosphor Bronze	DTD265A	-	-	-	BSB24, PB104
Tin Phosphor Bronze	PB1-C	CC481K	CuSn11P-C	B143	SAE65
Tin Phosphor Bronze	PB2-C	CC483K	CuSn12-C	CC483K	SAE65

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

材料化学成分
Materials Chemical Composition

RONCAN

BAKIR ALAŞIMLARI UNS	BAKIR ALAŞIMLARI DİĞER	Cu(1)	Al	Sb	Fe	Pb	Ni(2)	P(3)	Si	S	Sn	Zn	Mn
C86100	CuZn25Al5	66,0-68,0	4,5-5,5	-	2,0-4,0	.10	-	-	-	-	.10	Rest	2,5-5.0
C86200	CuZn34Al2	60,0-66,0	3,0-4,9	-	2,0-4,0	.20	1.0	-	-	-	.20	22,0-28,0	2,5-5,0
C86300	CuZn25Al5	60,0-66,0	5,0-7,5	-	2,0-4,0	.20	1.0	-	-	-	.20	22,0-28,0	2,5-5,0
SAE 430B		60.0-66.0	5.0-7.5	-	2.0-4.0	-	1.0	-	-	-	.20	22.0-28.0	2.5-5.0
C86500	CuZn35Al1	55,0-60,0	0,5-1,5	-	0,4-2,0	.40	1.0	-	-	-	1.0	36,0-42,0	1,0-1,5
C87800	CuZn15Si4	80.0	.15	.05	.15	.15	.20	.01	3,8-4,2	-	.25	12,0-16,0	0,15
C90500	CuSn10Zn Rg10	86,0-89,0	.005	.20	.20	.30	1	.05	.005	.05	9,0-11,0	1,0-3,0	-
C90700	CuSn10	88.0-90.0	.005	.20	.15	.50	.50	.30	.005	.05	10.0-12.0	.50	-
C90800	CuSn12	Rest	.005	.20	.15	.25	.50	.30	.005	.05	11,0-13,0	.25	-
C91700	CuSn12Ni	84.0-87.0	.005	.20	.20	.25	1.2-2.0	.30	.005	.05	11.3-12.5	.25	-
C92200	CuSn6Zn4Pb2	86.0-90.0	.005	.25	.25	1.0-2.0	1.0	.05	.005	.05	5.5-6.5	3.0-5.0	-
C92500	CuSn12Pb	85.0-88.0	.005	.25	.30	1.0-1.5	.8-1.5	.30	.005	.05	10.0-12.0	.50	-
C92600	CuSn10Zn	86.0-88.5	.005	.25	.20	.8-1.5	.7	.03	.005	.05	9.3-10.5	1.3-2.5	-
C92700	CuSn12Pb	86.0-89.0	.005	.25	.20	1.0-2.5	1.0	.25	.005	.05	9.0-11.0	.7	-
C92710	CuPb5Sn10	Rest	0,02	0,5	0,5	4,0-6,0	1,5	0,1	0,02		9,0-11,0	2.0	0,2
C92800		78.0-82.0	.005	.25	.20	4.0-6.0	.8	.05	.005	.05	15.0-17.0	.8	-
C92900		82.0-86.0	.005	.25	.20	2.0-3.2	2.8-4.0	.50	.005	.05	9.0-11.0	.25	-
C93100	CuSn7Pb	Rest	.005	.25	.25	2,0-5,0	1.0		.005	.05	6,5-8,5	2.0	-
C93200	CuSn7ZnPb / RG-7	81.0-85.0	.005	.35	.20	6.0-8.0	1.0	.15	.005	.08	6.3-7.5	1.0-4.0	-
C93400		82.0-85.0	.005	.50	.20	7.0-9.0	1.0	.50	.005	.08	7.0-9.0	.8	-
C93500	CuSn5Pb9	83,0-86,0	.005	.30	.20	8,0-10,0	1.0	.05	.005	.08	4,3-6,0	2.0	-
C93600		79.0-83.0	.005	.55	.20	11.0-13.0	1.0	.15	.005	.08	6.0-8.0	1.0	-
C93700	CuPb10Sn	78.0-82.0	.005	.50	.7	8.0-11.0	.50	.10	.005	.08	9.0-11.0	.8	-
C93800	CuPb15Sn	75.0-79.0	.005	.8	.15	13.0-16.0	1.0	.05	.005	.08	6.3-7.5	.8	-
C93900	CuPb15Sn	76,5-79,5	.005	.50	.40	14,0-18,0	.80	1,5	.005	.08	5,0-7,0	1,5	-
C94000		72.0-79.0	.005	.8	.25	18.0-22.0	1.0	.50	.005	.08	4.5-6.5	1.0	-
C94100	CuPb20Sn	72.0-79.0	.005	.8	.25	18.0-22.0	1.0	.50	.005	.08	4.5-6.5	1.0	-
C94300		67.0-72.0	.005	.8	.15	23.0-27.0	1.0	.08	.005	.08	4.5-6.0	.8	-
C94400		Rest	.005	.80	.15	9,0-12,0	1.0	.05	.005	.08	7,0-9,0	.80	-
C94500		Rem.	.005	.8	.15	16.0-22.0	1.0	.05	.005	.08	6.0-8.0	1,2	-
C94700		85.0-90.0	.005	.15	.25	.10	4.5-6.0	.05	.005	.05	4.5-6.0	1.0-2.5	.20
C94800		84.0-89.0	.005	.15	.25	.30-1.0	4.5-6.0	.05	.005	.05	4.5-6.0	1.0-2.5	.20
C94900	CuAl10Fe	79,0-81,0	.005	.25	.30	4,0-6,0	4,0-6,0	.05	.005	.08	4,0-6,0	4,0-6,0	.10
C95200	CuAl10Fe	86	8,5-9,5	-	2,5-4,0	-	-	-	-	-	-	-	-
C95300		86	9,0-11,0	-	0,8-1,5	-	-	-	-	-	-	-	-
C95400	CuAl11Fe4	83.0 min	10.0-11.5	-	3.0-5.0	-	1,5	-	-	-	-	-	.50
C95500	CuAl11Ni	78.0 min	10.0-11.5	-	3.0-5.0		3.0-5.5	-		-	-	-	3,5
C95600		88	6,0-8,0	-			.25	-	1,8-3,2	-	-	-	
C95700	CuMn11Al8Fe3Ni3	71	7,0-8,5	-	2,0-4,0	.03	1,5-3,0	-		-	.10	-	11,0-14,0
C95800	CuAl10Ni	79.0 min	8.5-9.5	-	3.5-4.5	.03	4.0-5.0	-	.10	-	-	-	0,8-1.5
-	CuAl10Ni3Fe2	80,0-86,0	8,5-10,5		1,0-3,0	0,1	1,5-4,0		0,2		0,2	0,5	2.0
-	CuAl11Fe6Ni6	72,0-77,0	10,3-12,0		4,2-7,0	0,04	4,3-7,5		0,1		0,2	0,4	2,5
C95900		Rest	12,0-13,5	-	3,0-5,0		.50	-	-	-	-	-	1,5
C83300		92,0-94,0	-	-		1,0-2,0	-	-	-	-	1,0-2,0	2,0-6,0	-
C83400		88,0-92,0	.005	.25	0,25	0,50	1.0	0,03	.005	0,08	0,20	8,0-12,0	-
C83500	CuSn6ZnNi	86,0-88,0	.005	0,25	0,25	3,5-5,5	0,50-1.0	0,03	.005	0,08	5,5-6,5	1,0-2,5	-
C83600	CuSn5ZnPb / Rg5	84,0-86,0	.005	0,25	0,3	4,0-6,0	1.0	0,05	.005	0,08	4,0-6,0	4,0-6,0	-
C83800		82,0-83,8	.005	0,25	0,3	5,0-7,0	1.0	0,03	.005	0,08	3,3-4,2	5,0-8,0	-
C84200		78,0-82,0	.005	0,25	0,4	2,0-3,0	0,8	1,5	.005	0,08	4,0-6,0	10,0-16,0	-
C84400		78,0-82,0	.005	0,25	0,4	6,0-8,0	1.0	0,02	.005	0,08	2,3-3,5	7,0-10,0	-
C84500		77,0-79,0	.005	0,25	0,4	6,0-7,5	1.0	0,02	.005	0,08	2,0-4,0	10,0-14,0	-
C84800		75,0-77,0	.005	0,25	0,4	5,5-7,0	1.0	0,02	.005	0,08	2,0-3,0	13,0-17,0	-
C85200		70,0-74,0	.005	0,2	0,6	1,5-3,8	1.0	0,02	0,05	0,05	0,7-2,0	20,0-27,0	-
C85400		65,0-70,0	0,35	-	0,8	1,5-3,8	1.0	-	0,05	-	0,5-1,5	24,0-32,0	-
C85500		59,0-63,0	-	-	0,2	0,2	0,2	-	-	-	0,2	Rest	0,2
C85700		58,0-64,0	0,55	-	0,7	0,8-1,5	1.0	-	0,05	-	0,5-1,5	32,0-40,0	-
C85800		57.0	0,55	0,05	0,5	1,5	0,5	0,01	0,25	0,05	1,5	31,0-41,0	0,25
-	CuZn40Fe	56,0-62,0	0,1		0,2-1,2	1.0	2.0	.05	0,1		1.0	Rest	2,5
-	CuZn35Mn2Al1Fe1	57,0-65,0	0,5-2,5		0,5-2,0	0,5	3.0		0,1		1.0	Rest	0,5-3,0
-	CuZn34Mn3Al2Fe1	55,0-66,0	1,0-3,0	0,05	0,5-2,5	0,3	3.0	0,03	0,1		0,3	Rest	1,0-4,0

www.boccole.com www.rcbushing.com
info@rcbushing.com

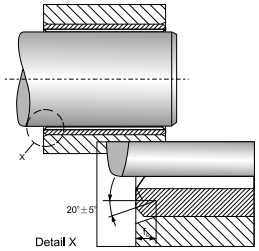
轴承安装
Bearing Installed

RONCAN

※直套 Cylindrical Bushes

座孔被倒角fG×20o±5o，使衬套压入座孔变的更加容易。
The housing bore should have a chamfer fG×20o±5o, The chamfer makes it easier to press the bushes Into the housing.

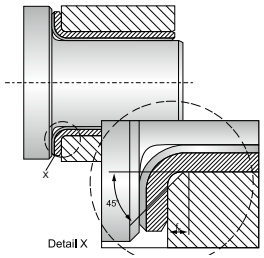
座孔直径 Housing bore diameter d_G	座孔倒角 Chamfer of housing f_G
$d_G \leq 30$	0.8±0.3×20°±5°
$30 < d_G \leq 80$	1.2±0.4×20°±5°
$80 < d_G \leq 180$	1.8±0.8×20°±5°
$d_G > 180$	2.5±1.0×20°±5°



※翻边套 Flange Bushes

关于翻边套，从翻边套口到轴向转换组件必须考虑半径的转变，切面要有一个足够大的倒角。以防翻边套口聚集污垢后仍然可以支持轴向载荷部件的边缘。
The radius at the transition from the radial to the axial Component must be taken into consideration for falange bushes A sufficiently large chamfer must be provided on the housing to prevent the flanged bushes fouing in the area of the radius Sufficient support must be provided for the flange inapplications With axial loading.

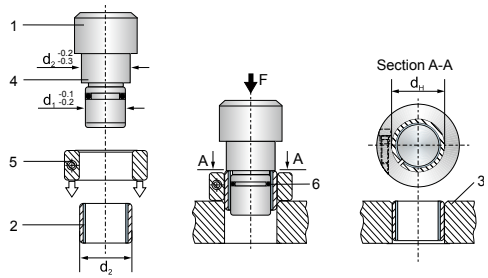
座孔直径 Housing bore diameter d_G	座孔倒角 Chamfer of housing f_G
$d_G \leq 10$	1.2±0.2×45°±5°
$d_G > 10$	1.7±0.2×45°±5°



滑动轴承与座孔的装配
The installation of the sliding bushing and the housing

滑动轴承与座孔装配时，要保证轴承在座孔内不发生转动和轴向移动，又要使轴承外表面和座孔充分接触，一般应保证接触面大于85%，有利于承受载荷和传导摩擦热，采用较轻级的过盈配合，既要保证使用时，轴承不会在座孔内发生相对移动，又不会使轴承外径过盈量过大致使轴承内孔变形过大为有利于装配，轴承内外表面应涂以少量油或油脂，再将轴承均匀压入。

When installing the sliding bushing and the housing, make sure the bushing doesn't roate or move. The outside surface of the bushing must have a through contact with the housing, in peneral the connecting part must be over 85%, and this will be pood for the load pressure and the conduction of friction heat. Using surplus quantity loosely, that is when it is used the bushing does not move relatively and also the surplus quantity of the bushing outside diameter, will not be too big to cause serious distortion of the bushing inside hole, when installing, it is pood to lay a little lubricant, such as oil on the inside and outside surface of the bushing. then press bushing slowly.



d≥55mm
1. 芯轴 Pressing-in arbor
2. 轴承 Bushes
3. 座孔 Housing
4. 档边尺寸 Shoulder diameter
5. 辅助套 Auxiliary ring
6. O型圈 O ring

轴承 d2	dH	
>55到100	d2	+0.28 +0.25
>100到200	d2	+0.40 +0.36
>200到305	d2	+0.50 +0.40

Tel: 0086-573-84616987 84612956
Fax: 0086-573-84616977

RONCAN

RCB-10

自润滑多层复合轴承
Self-Lubricated Multilayer Compound Bearing

RCB-10F

自润滑翻边轴承
Self-Lubricated Flange Bearing

RCB-1W

复合止推垫片
Compound Thrust Washer

RCB-20

边界润滑轴承
Boundary Lubricating Bearing

RCB-2W

复合止推垫片
Compound Thrust Washer

RCB-2Y

边界润滑轴承
Boundary lubrication bearing

RCB-80

双金属卷制轴承
Bi-metallic Bearing

RCB-80

汽车平衡轴衬套
The car balance shaft bushing

RCB-90

青铜卷制轴承
Bronze-Wrapped Bearing

RCB-90F

青铜卷制翻边轴承
Bronze-Wrapped Flange Bearing

RCB-92

青铜卷制轴承
Bronze-Wrapped Bearing

RCB-92F

青铜卷制翻边轴承
Bronze-Wrapped Flange Bearing

www.boccole.com www.rcbushing.com
info@rcbushing.com