



ZHEJIANG
CGANNOV AUTO PARTS CO,LTD.

创诺汽车零部件

FOCUS PROFESSIONALISM

专注·专业



浙江创诺汽车零部件有限公司

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企业简介

Compang Profile

浙江创诺汽车零部件有限公司是一家专业生产滑动轴承,金属塑料复合轴承的企业,秉承于精益求精、为客户不断创造价值的理念,致力于滑动轴承、复合新材料的研究、开发、推广和应用。公司现有主要产品为金属塑料复合系列滑动轴承、双金属系列轴承、单金属系列滑动轴承等,被广泛应用于汽车工业、冶金、工程机械、建筑机械、塑料机械、机床工业、水利水电等30多个领域。

公司以不断满足顾客对产品多样化、高品质的需求为导向,运用现代技术和设备对产品进行持续改进、提升,从而为客户提供更多产品、更高质量的滑动轴承。

Zhejiang channov auto parts Co,Ltd. is a professional manufacturer of plain bearings and wear platesbimetal bushing, and has grown rapidly to a point where now all types of plain bearings can be supplied. Standard catalogue sizes, special sizes and designs can be produced at competitive prices and a high quality standard. .



企业目录

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主要基材合金

Main Base Alloy

Phy.Performance/ Base Alloy	高力黄铜	高力黄铜	铜合金	铜合金	铜合金	铸铁
	CuZn25A6FeMn3	CuZn25A6FeMn3	CuSn5Pb5Zn5	CuAl10Ni	cusn12	CastIronHT250
Cu%	65	65 Applications	85	80		
Sn%			5			
Pb%			5			
Zn%	25	25	5			
Ni%				5		
Ri%	6	6		10		
Fe%				5		
Mn%	4	4				
密度g/cm3 Density	8	8	8.8	8.3	8.8	7.3
硬度HB Hardness	>210	>180	>70	>150	>80	>160
抗拉强度N/mm Tensile Strength	>750	>550	>200	>500	>360	>250
伸长率% Elongation	>12	>12	15	>10	>8	
热胀系数 Coefficient of linear expansion	1.9·10 ⁻⁵ /°C	1.9·10 ⁻⁵ /°C	1.8·10 ⁻⁵ /°C	1.6·10 ⁻⁵ /°C	1.8·10 ⁻⁵ /°C	1.0·10 ⁻⁵ /°C
温度°C Limit Temp.	300~400	300~400	400	400	400	400
最大动承载 Max. Speed mmin	100	80	60	50	70	10
最大线速度 Max. Speed	15	15	10	20	10	15
最大PV Max.PV	200	200	200	200	200	40
压缩永久变形量 400N/mm2	<0.01	<0.01	<0.05	<0.04	<0.05	<0.015

摩擦系数:油润滑0.03,干摩擦0.16
friction of coe.oilo.03;Dry0.16



主要基材合金

Main Base Alloy

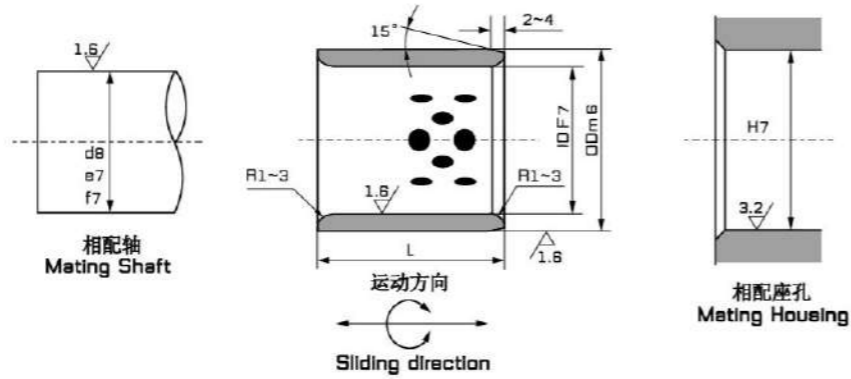
中国牌号 Chinese Code GB1776-87	相当国外牌号 International counterparts				适用情况 Applications
	国际 International ISO 1338	日本 Japan Jis	美国 (USA) ASTM(UNS)	德国German DIN	
CuZn25A6FeMn3	CuZn25Al6FeMn3	H5102 CAC304	B30-92 C86300	DIN1709 G-CuZn25A/2.0598	高载荷、低速、一般用 High-load, low speed, general use
CuZn25A6FeMn3	CuZn25Al6FeMn3	H3102 CAC304	B30-92 C86300	DIN1709 G-CuZn25A/2.0598	超高载荷、低速、高承载用 Superhigh load, low-speed, high duty
CuAl10Fe3	CuAl10Fe3	H5114 CAC703	B30-92 95800	DIN1714 GB-CuAl10Ni/2.1096	中载荷、中速、一般用 Medium load, medium-speed, general use
CuSn5pb5Zn5	QSn5-5-5	H5111 CAC406	B30-92 C83600	DIN1705 G-Cu5n5ZnPb/2.1096	中载荷、中速 Medium load, medium-speed
DB5675-85 HT250		Fe250	ASTM class 40		低载荷、低速 low-load, low-speed

固体润滑剂

Solid Lubricant

固体润滑剂Solid Lubricant		
固体润滑剂 Solid Lubricant	特性 Features	典型用途 Typical application
固体润滑剂 SL1 (PTFE等) SL1(PTFE etc+Add)	很好的耐磨性和化学稳定性,使用温度<400°C Excellent resistance against chemical attacks and low friction. Temp limit 400°C	"适用于一般机械,在大气中使用, Suite for general machines and under atmosphere
"固体润滑剂 SL2 (PTFE等) SL2(PTFEetc+ Add2)	"最低的摩擦系数和很好的水润滑性,使用温度<300°C Lowest in friction and good of water lubrication, Temp. limit 300°C"	"适用于水、海水润滑、如船舶,水工弧门, 水轮机,制药饮料机械等。 Ship, hydraulic turbine, gas turbine etc.

自润轴套 Straight Bushings

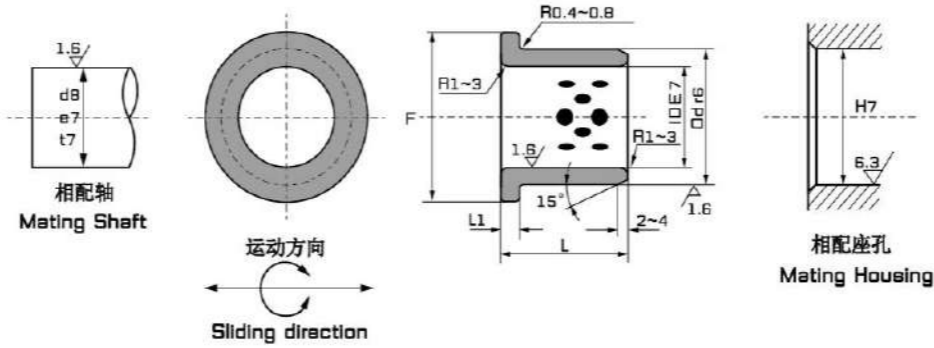


d	D	IDF7	ODm7	L -0.10 -0.30															
				8	10	12	15	16	20	25	30	35	40	50	60	70	80		
8	12	8	+0.028	12	081208	081210	081212	081215											
10	14	10	+0.013	14	101408	101410	101412	101415	101420										
12	18	12	+0.007	18	121810	121812	121815	121816	121820	121825	121830								
13	19	13		19	131910		131915	131916											
14	20	14	+0.034	20	142010	142012	142015		142020	142025	142030								
15	21	15	+0.016	21	152110	152112	152115	152116	152120	152125	152130								
16	22	16		22	162210	162212	162215	162216	162220	162225	162230	162235	162240						
18	24	18		24		182412	182415	182416	182420	182425	182430	182435	182440						
20	28	20		28	202810	202812	202815	202816	202820	202825	202830	202835	202840	202850					
22	32	22	+0.041	32		223212	223215		223220	223225									
25	33	25	+0.020	33		253312	253315	253316	253320	253325	253330	253335	253340	253350	253360				
30	38	30		38		303812	303815		303820	303825	303830	303835	303840	303850	303860				
35	45	35		45					354520	354525	354530	354535	354540	354550	354560				
40	50	40	+0.050	50					405020	405025	405030	405035	405040	405050	405060	405070	405080		
45	55	45	+0.025	55							455530	455535	455540	455550	455560				
50	60	50		60							506030	506035	506040	506050	506060	506070	506080		

自润轴套 Straight Bushings

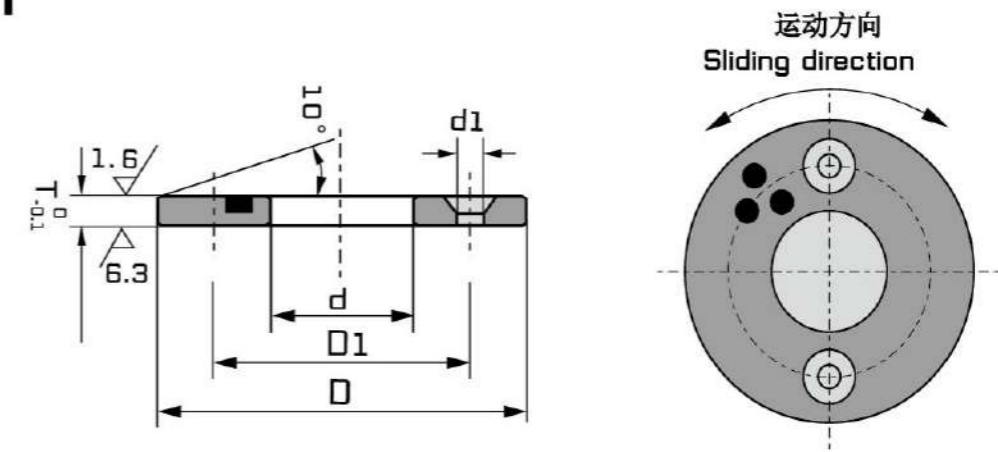
d	D	IDF7	ODm7	L -0.10 -0.30													
				30	35	40	50	60	70	80	100	120	130	140	150		
50	60	50	+0.050	62	506230	506235	506240	506250	506260	506270							
50	65	50	+0.025	65	506530		506540	506550	506560	506570	506580	5065100					
55	70	55		70			557040	557050	557060	557070							
60	74	60	+0.030	74	607430	607435	607440	607450	607460	607470	607480						
60	75	60	+0.011	75	607530	607535	607540	607550	607560	607570	607580	6075100					
63	75	63		75					637560	637570	637580						
65	80	65	+0.060	80				658050	658060	658070	658080						
70	85	70	+0.030	85		708535	708540	708550	708560	708570	708580	7085100					
70	90	70		90				709050	709060	709070	709080						
75	90	75	+0.035	90					759060	75999070	759080	7590100					
75	95	75	+0.013	95					759560	759570	759580	7595100					
80	96	80		96			809640	809650	809660	809670	809680	8096100	8096120				
80	100	80		100			8010040	8010050	8010060	8010070	8010080	80100100	80100120		80100140		
90	110	90		110				9011050	9011060	9011070	9011080	90110100	90110120				
100	120	100	+0.071	120					10012060	10012070	10012080	100120100	100120120		100120140		
110	130	110	+0.036	130								11013080	110130100	110130120			
120	140	120		140								12014080	120140100	120140120		120140140	
125	145	125		145									125145100	125145120			
130	150	130	+0.040	150											130150100	130150130	
140	160	140	+0.083	160											140160100		140160140
140	160	140	+0.043	160													
150	170	150		170											150170100		150170150
160	180	160		180											160180100		160180150

自润翻边轴套 Shoulder Bushings



d	D	IDF7	ODm6	F	L1 -0.10	L -0.10 -0.30																		
						15	20	25	30	35	40	50	60	80	100									
10	14	10	+0.040 +0.025	14	+0.034 +0.023	22	2	1015	1020															
12	18	12	+0.050 +0.032	18	+0.041 +0.028	25	3	1215	1220															
13	19	13		19		26		1315	1320															
14	20	14		20		27		1415	1420															
15	21	15		21		28		1515	1520	1525	1530													
16	22	16	22	29	1615	1620	1625	1630																
20	30	20	+0.061 +0.040	30	+0.050 +0.034	40	5	2015	2020	2025	2030		2040											
25	35	25		35		45		2515	2520	2525	2530		2540											
30	40	30		40		50			3020	3025	3030	3035	3040	3050										
31.5	40	31.5		40		50			3120			3135												
35	45	35	+0.075 +0.050	45	+0.060 +0.041	60	7.5	3520		3530		3540	3550											
40	50	40		50		65			4020		4030		4040	4050										
45	55	45		55		70					4530		4540	4550	4560									
50	60	50		60		75					5030		5040	5050	5060									
55	65	55	+0.090 +0.060	65	+0.062 +0.043	80	10			5540		5560												
60	75	60		75		90						6040	6050		6080									
63	75	63		75		95										6367								
70	85	70		85		105								7050		7080								
75	90	75	+0.107 +0.072	90	+0.073 +0.051	110	10					7560												
80	100	80		100		120									8060	8080	80100							
90	110	90		110		130									9060	9080								
100	120	100		120		150																10080	100100	
120	140	120	140	170	+0.088 +0.063																12080	120100		

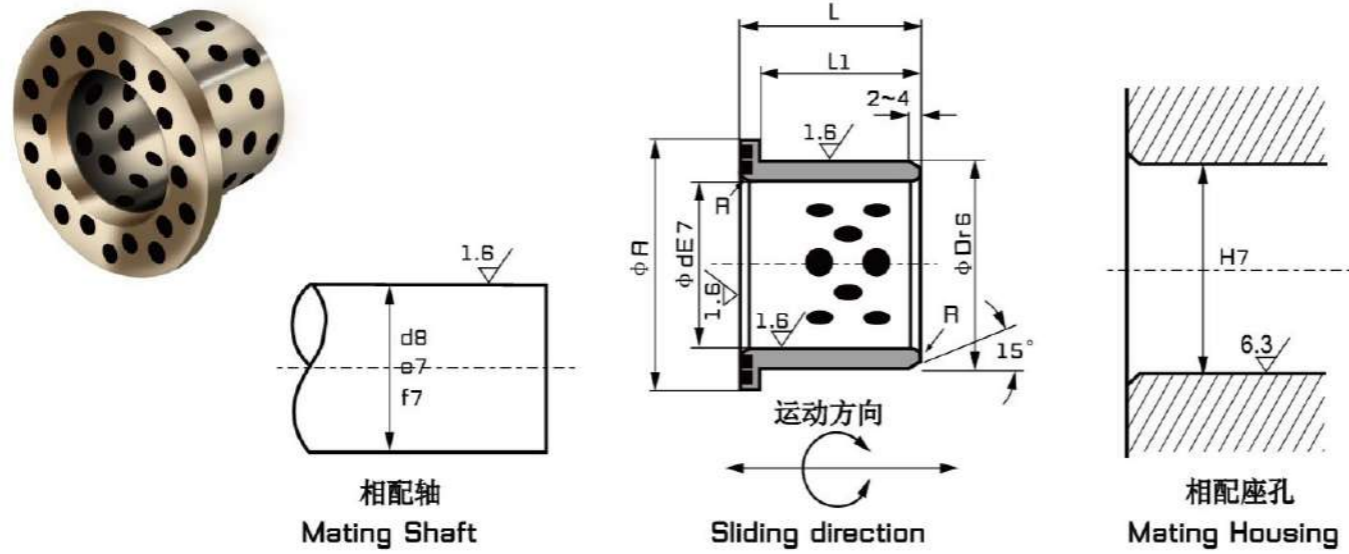
自润止推垫片 Thrust Washers



型号 Part No	d	D	T 0 -0.1	螺栓 Bolt			
				D1	数量 Q'ty	尺寸 size	d1
CNB650.03-10	10.2	30	3	---	---		
CNB650.03-12	12.2	40		28	2	M3	3.5
CNB650.03-13	13.2						
CNB650.03-14	14.2						
CNB650.03-15	15.2	50	35	2	M3	3.5	
CNB650.03-16	16.2						
CNB650.03-16N	16.2						
CNB650.03-18	18.2						
CNB650.03-20	20.2	55	40	2	M5	6	
CNB650.03-20N	20.2						
CNB650.03-25	25.2						
CNB650.03-25N	25.2						
CNB650.03-30	30.2	60	45	2	M5	M5	
CNB650.03-35	35.2						
CNB650.03-40	40.2						
CNB650.03-45	45.3						
CNB650.03-50	50.3	70	60	2	M6	7	
CNB650.03-55	55.3						
CNB650.03-60	60.3						
CNB650.03-65	65.3						
CNB650.03-70	70.3	80	75	4	M8	9	
CNB650.03-75	75.3						
CNB650.03-80	80.3						
CNB650.03-90	90.5						
CNB650.03-100	100.5	100	100	4	M10	11	
CNB650.03-110	110.5						
CNB650.03-120	120.5						



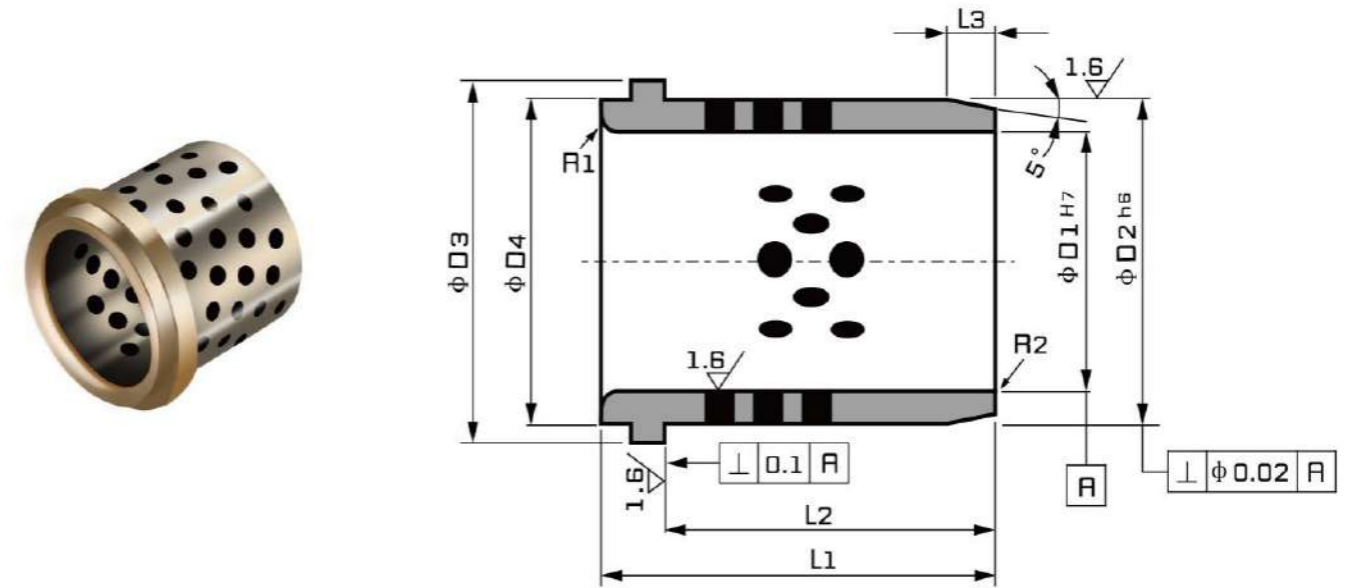
自润翻边轴套 Shoulder Bushings



型号 Part No	Φd	E7	ΦD	r6	ΦA	L1	L
CNB650.04-12X15	12	+0.050	18	+0.034	25	11	15
CNB650.04-16X20	16	+0.032	22	+0.023	30	15	20
CNB650.04-20X25	20	+0.061	28	+0.041	36	20	25
CNB650.04-25X30	25	+0.040	33	+0.028	43	25	30
CNB650.04-30X35	30	+0.075	38	+0.050	48	30	35
CNB650.04-40X45	40	+0.050	50	+0.034	60	40	45
CNB650.04-50X55	50	+0.090	62	+0.060 +0.041	75	49	55
CNB650.04-60X65	60	+0.060	75	+0.062 +0.043	90	58	65

自润导向套 Guide Pin Bushings (DIN 9834)

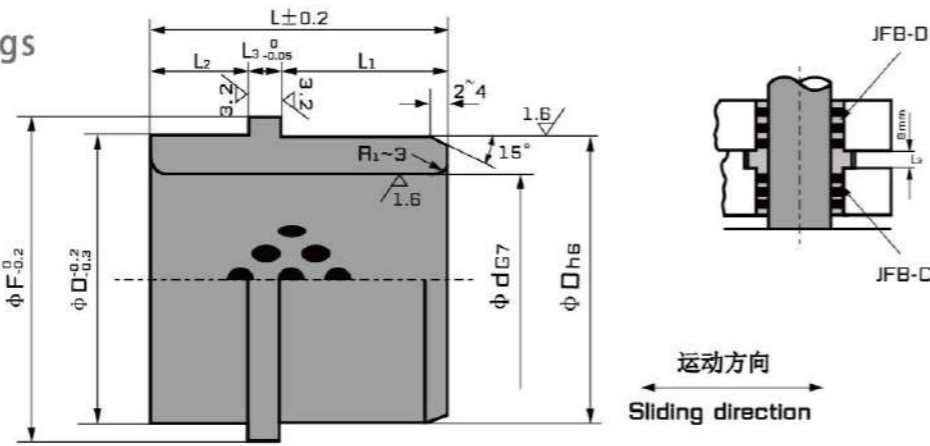
Guide Pin Bushings (DIN 9834)



型号 Part No	D1	H7	D2	h2	D3	D4	L1	L2	L3	R1
CNB650.05-32X50	32		40	0	50	40	50	40	4	3
CNB650.05-40X63	40	+0.025 -0	50	-0.016	63	50	63	50	5	3
CNB650.05-50X71	50		63	0	71	63	71	56	6	5
CNB650.05-63X80	63	+0.003 -0	80	-0.019	90	80	80	63	8	6
CNB650.05-80X100	80		100	0 -0.022	112	100	100	80	10	8
CNB650.05-100X125	100	+0.035 -0	125	0	140	125	125	106	12	10
CNB650.05-115X125	115		140	-0.025	155	140	140	120	12	10

自润导向套

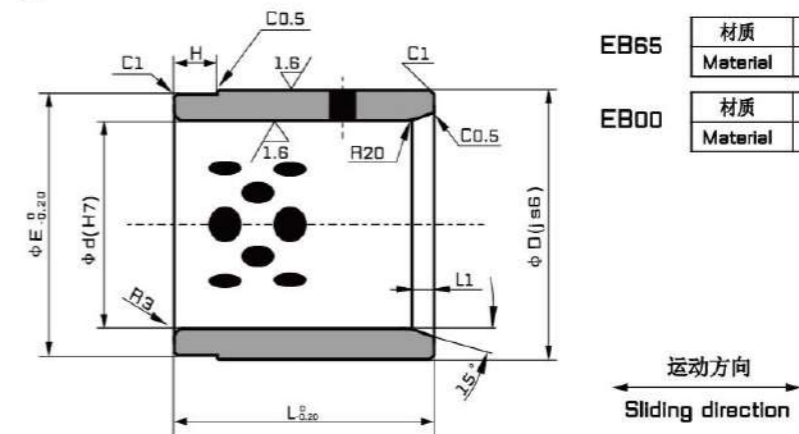
Guide Ejector Bushings



型号 Part No	φd G7	φd h6	φF	L	L ₁	L ₂	L ₃	型号 Part No	φd G7	φd h6	φF	L	L ₁	L ₂	L ₃	
CNB650.06-C-10X24	10	+0.020 +0.005	16	0	24	10		CNB650.06-C-35X38	35	+0.034 +0.009	46	50	38	19		
CNB650.06-C-10X28				21	28	14		CNB650.06-C-35X43				43	24			
CNB650.06-C-12X26	12		18	-0.011	26	12		CNB650.06-C-35X48			0	48	29			
CNB650.06-C-12X28					28	14		CNB650.06-C-40X48	40		52	-0.019	57	48	24	
CNB650.06-C-13X26					26	12		CNB650.06-C-40X53					53	29		
CNB650.06-C-13X28					28	14		CNB650.06-C-50X48	50		62		67	48	24	
CNB650.06-C-13X33	13	+0.024 +0.006	22		33	18		CNB650.06-C-50X53					53	29		
CNB650.06-C-13X38					38	24		CNB650.06-D-K-32X50					37	14		
CNB650.06-C-16X26					26	12		CNB650.06-D-K-30X42			0	42	19			
CNB650.06-C-16X28					28	14		CNB650.06-D-K-30X47	30	+0.028 +0.007	42	-0.016	47	24	15	
CNB650.06-C-16X33	16		25	0	33	19	10	CNB650.06-D-K-30X52					52	29		
CNB650.06-C-16X38				-0.011	38	24	4	CNB650.06-D-K-40X53					53	20		
CNB650.06-C-20X26					26	12		CNB650.06-D-K-40X57			0	57	24			
CNB650.06-C-20X28					28	14		CNB650.06-D-K-40X60	40	+0.034 +0.009	50	0	55	60	32	20
CNB650.06-C-20X33	20		30		33	19		CNB650.06-D-K-40X67			-0.016	60	67	29	30	
CNB650.06-C-20X38					38	24		CNB650.06-D-K-40X70				50	70	42	20	
CNB650.06-C-25X26					26	12		CNB650.06-D-K-50X67			0	67	29	30		
CNB650.06-C-25X28					28	14		CNB650.06-D-K-50X87	50		62	-0.019	87	39	40	
CNB650.06-C-25X33	25	+0.028 +0.007	35		33	19		CNB650.06-D-K-60X67				67	29	30		
CNB650.06-C-25X38					38	24		CNB650.06-D-K-60X87	60	+0.040 +0.010	74		87	39	40	
CNB650.06-C-30X33					33	14										
CNB650.06-C-30X38	30		40	0	38	19										
CNB650.06-C-30X43				-0.016	43	24	15									
CNB650.06-C-32X38					38	19										
CNB650.06-C-32X43	32		42		43	24										
CNB650.06-C-32X48					48	29										

自润导向套

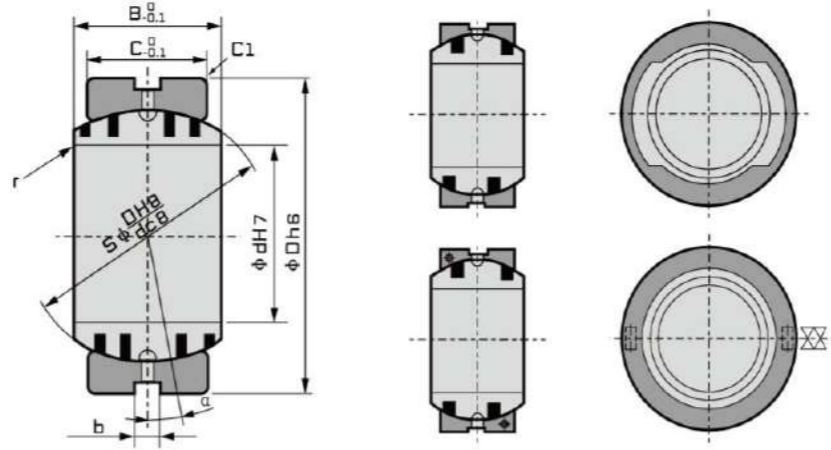
Guide Post Bushings



EB65	材质	高力黄铜+石墨
	Material	Bronze+Graphite
EB00	材质	FC250铸铁+石墨
	Material	FC250+Graphite

型号 Part No	尺寸 Specification	φD	φd	L	φE	H	L1
CNB650.07-A-30	50×30×50	50	30	50	49	10	
CNB650.07-A-40	60×40×60	60	40	60	59	10	5
CNB650.07-A-50	70×50×75	70	50	75	69	15	
CNB650.07-A-60	80×60×90	80	60	90	79	20	
CNB650.07-A-80	100×80×120	100	80	120	99	25	10
CNB650.07-A-100	120×100×150	120	100	150	119	25	
CNB650.07-A-120	140×120×180	140	120	180	139	25	
CNB650.07-B-30	50×30×50	50	30	50	49	10	
CNB650.07-B-40	60×40×60	60	40	60	59	10	5
CNB650.07-B-50	70×50×75	70	50	75	69	15	
CNB650.07-B-60	80×60×90	80	60	90	79	20	
CNB650.07-B-80	100×80×120	100	80	120	99	25	10
CNB650.07-B-100	120×100×150	120	100	150	119	25	
CNB650.07-B-120	140×120×180	140	120	180	139	25	

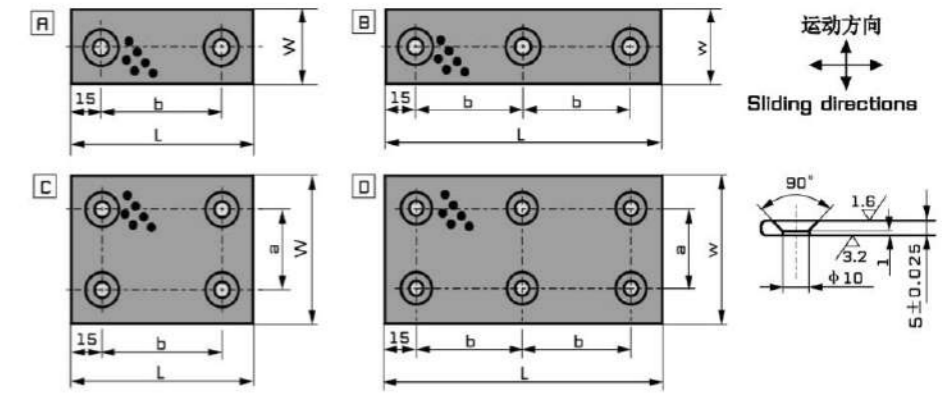
自润滑关节轴承 Spherical Bearings



型号 Part No	DIMENSION							调整角度 Aligning angle α°	Type
	ϕd	ϕD	B	C	ϕG	r	b		
CNB650.08-015	15	26	12	9	22	RO.5	4	8	R
CNB650.08-020	20	32	16	14	28			4	
CNB650.08-025	25	42	21	18	36			5	
CNB650.08-030	30	50	27	23	44			6	
CNB650.08-035	35	55	30	26	49			5	
CNB650.08-040	40	62	33	28	55	6	R1	6	
CNB650.08-050	50	80	42	36	70	5			
CNB650.08-060	60	100	53	45	90	6			
CNB650.08-070	70	110	58	50	99	5			
CNB650.08-080	80	130	70	60	115	6			
CNB650.08-090	90	140	76	65	125	6	B	6	
CNB650.08-100	100	160	88	75	145	6			

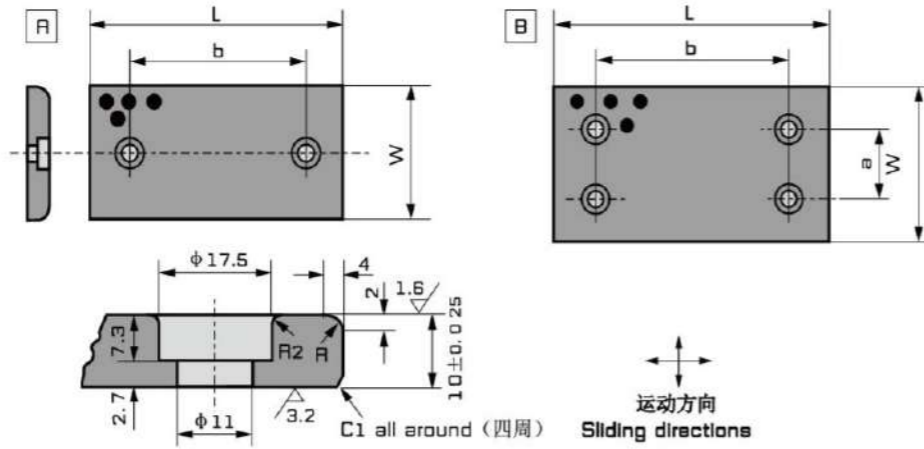


自润滑板 Wear Strips



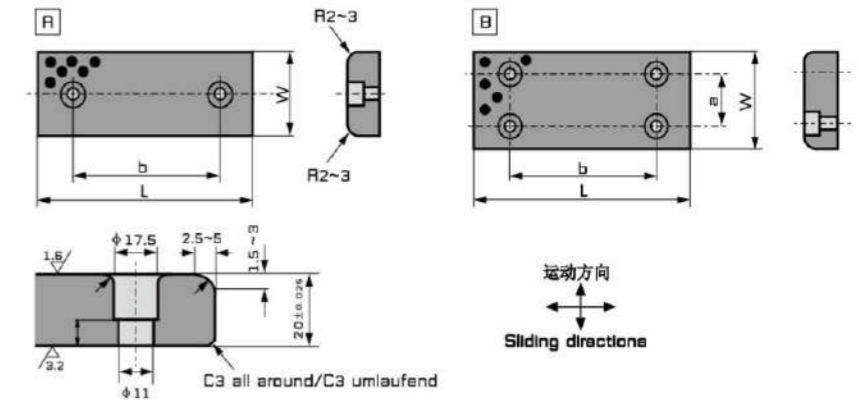
型号 Part No	W	L	a	b	图示 Sketch
CNB650.09-18X50	18	50	-	20	A
CNB650.09-18X75		75		45	
CNB650.9-18X100		100		70	
CNB650.9-18X150		150		60	
CNB650.09-28X50	28	50	-	20	B
CNB650.09-28X75		75		45	
CNB650.09-28X100		100		70	
CNB650.09-28X150		150		60	
CNB650.09-38X50	38	50	-	20	A
CNB650.09-38X75		75		45	
CNB650.09-38X100		100		70	
CNB650.09-38X150		150		60	
CNB650.09-48X75	48	75	-	45	A
CNB650.09-48X100		100		70	
CNB650.09-48X125		125		95	
CNB650.09-48X150		150		60	
CNB650.09-75X75	75	75	45	45	C
CNB650.09-75X100		100		70	
CNB650.09-75X125		125		95	
CNB650.09-75X150		150		60	
CNB650.09-100X100	100	100	75	70	D
CNB650.09-100X125		125		95	
CNB650.09-100X150		150		60	

自润滑板 Wear Strips

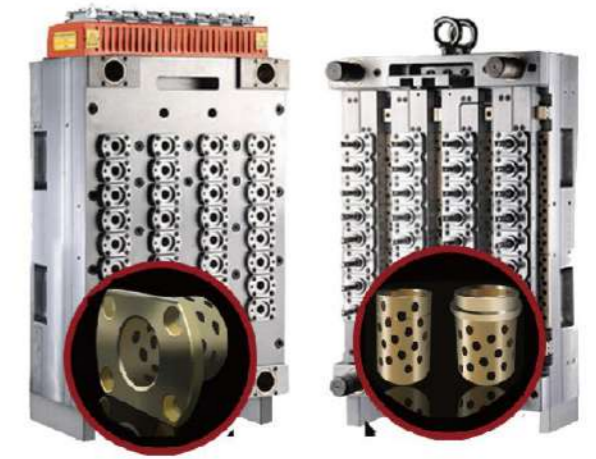


型号 Part No	W	L	a	b	图示 Sketch
CNB650.10-28X75	28	75	-	45	A
CNB650.10-28X100		100			
CNB650.10-28X125		125			
CNB650.10-28X150		150			
CNB650.10-38X75	38	75	-	45	
CNB650.10-38X100		100			
CNB650.10-38X125		125			
CNB650.10-38X150		150			
CNB650.10-48X75	48	75	-	45	
CNB650.10-48X100		100			
CNB650.10-48X125		125			
CNB650.10-48X150		150			
CNB650.10-48X200	200				
CNB650.10-75X75	75	75	-	25	
CNB650.10-75X100		100			
CNB650.10-75X125		125			
CNB650.10-75X150		150			
CNB650.10-75X200	200				
CNB650.10-100X100	100	100	50	50	B
CNB650.10-100X100		125			
CNB650.10-100X125		150			
CNB650.10-100X150		200			
CNB650.10-100X200	250				
CNB650.10-125X125	125	150	50	100	
CNB650.10-125X200		200			
CNB650.10-125X250		250			
CNB650.10-150X150	150	150	100	100	
CNB650.10-150X200		200			

自润滑板 Wear Plates (VDI 3357)

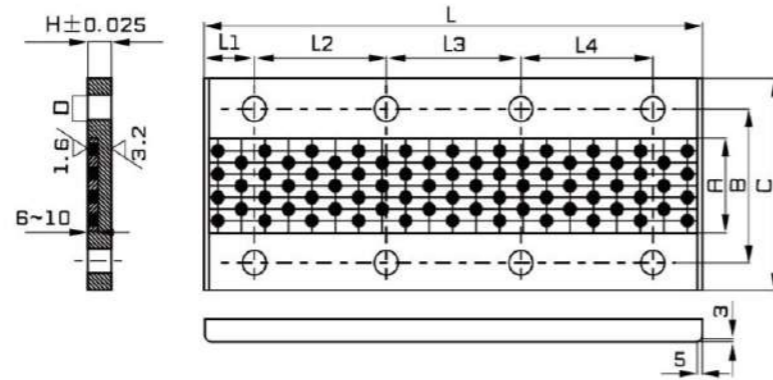


型号 Part No	W	L	a	b	图示 Sketch
CNB650.11-28X75	28	75	28	45	A
CNB650.11-28X100		100			
CNB650.11-28X150		150			
CNB650.11-38X75		38		75	
CNB650.11-38X100	100				
CNB650.11-38X150	150				
CNB650.11-48X75	48	75	48	45	
CNB650.11-48X100		100			
CNB650.11-48X125		125			
CNB650.11-48X150		150			
CNB650.11-48X200	200				
CNB650.11-58X75	58	75	58	45	
CNB650.11-58X100		100			
CNB650.11-58X150		150			
CNB650.11-75X75		75		75	
CNB650.11-75X100	100				
CNB650.11-75X125	125				
CNB650.11-75X150	150				
CNB650.11-75X200	200				
CNB650.11-100X100	100	100	50	50	B
CNB650.11-100X125		125			
CNB650.11-100X150		150			
CNB650.11-100X200		200			
CNB650.11-125X125	125	125	50	75	
CNB650.11-125X150		150			
CNB650.11-125X200		200			
CNB650.11-125X250		250			
CNB650.11-125X300	300				
CNB650.11-125X350	350				
CNB650.11-150X150	150	150	100	100	
CNB650.11-150X200		200			
CNB650.11-150X250		250			

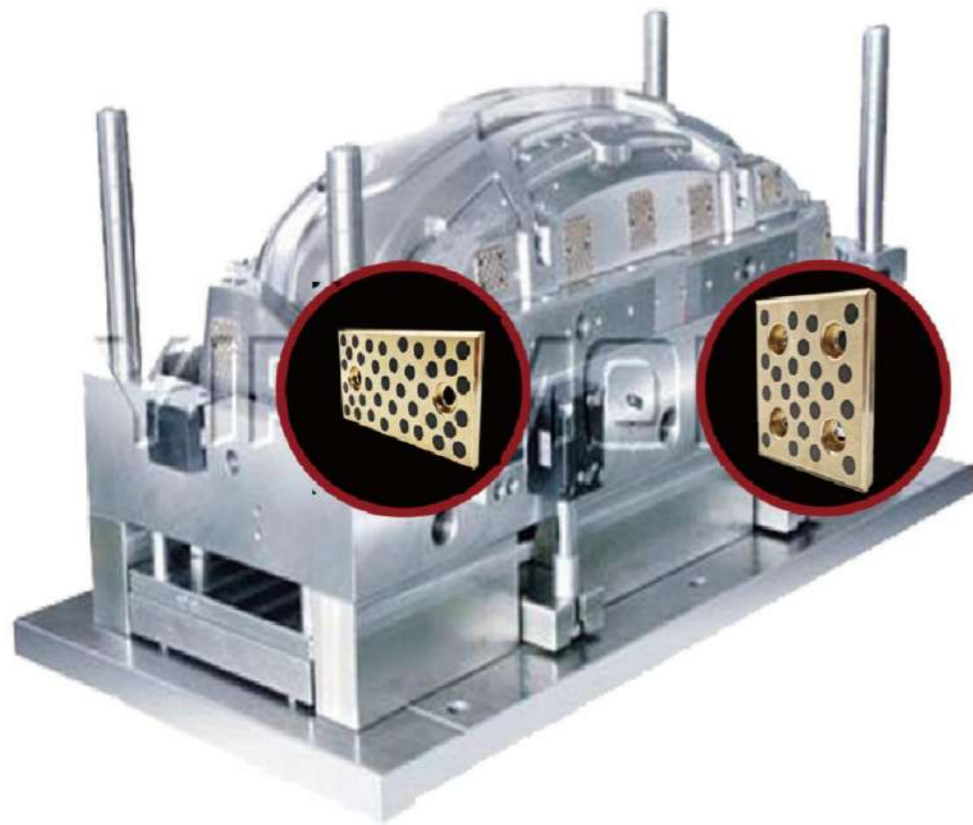


双金属滑板

Bimetallic slide

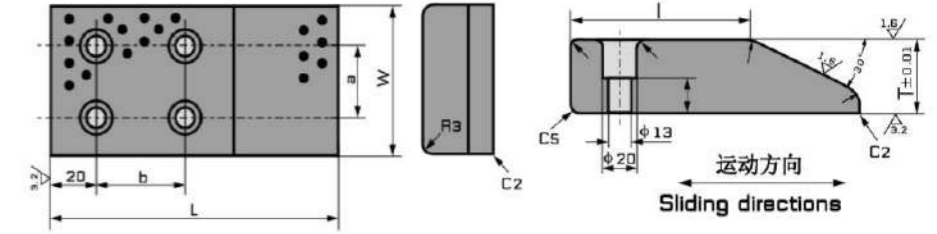


型号 Part No	L	A	B	C	H	L ₁	L ₂	L ₃	L ₄	D	螺栓 Bolt
CNB650.12-H500X200	500	90	145	200	20	46	136	136	136	24	M22
CNB650.12-H450X180	450	80	130	180	20	42	122	122	122	22	M20
CNB650.12-H400X160	400	70	115	160	18	35	110	110	110	20	M16
CNB650.12-H300X400	300	60	100	140	16	30	120	120		16	M14



凸轮行程滑板

Cam Dwell wear Plates

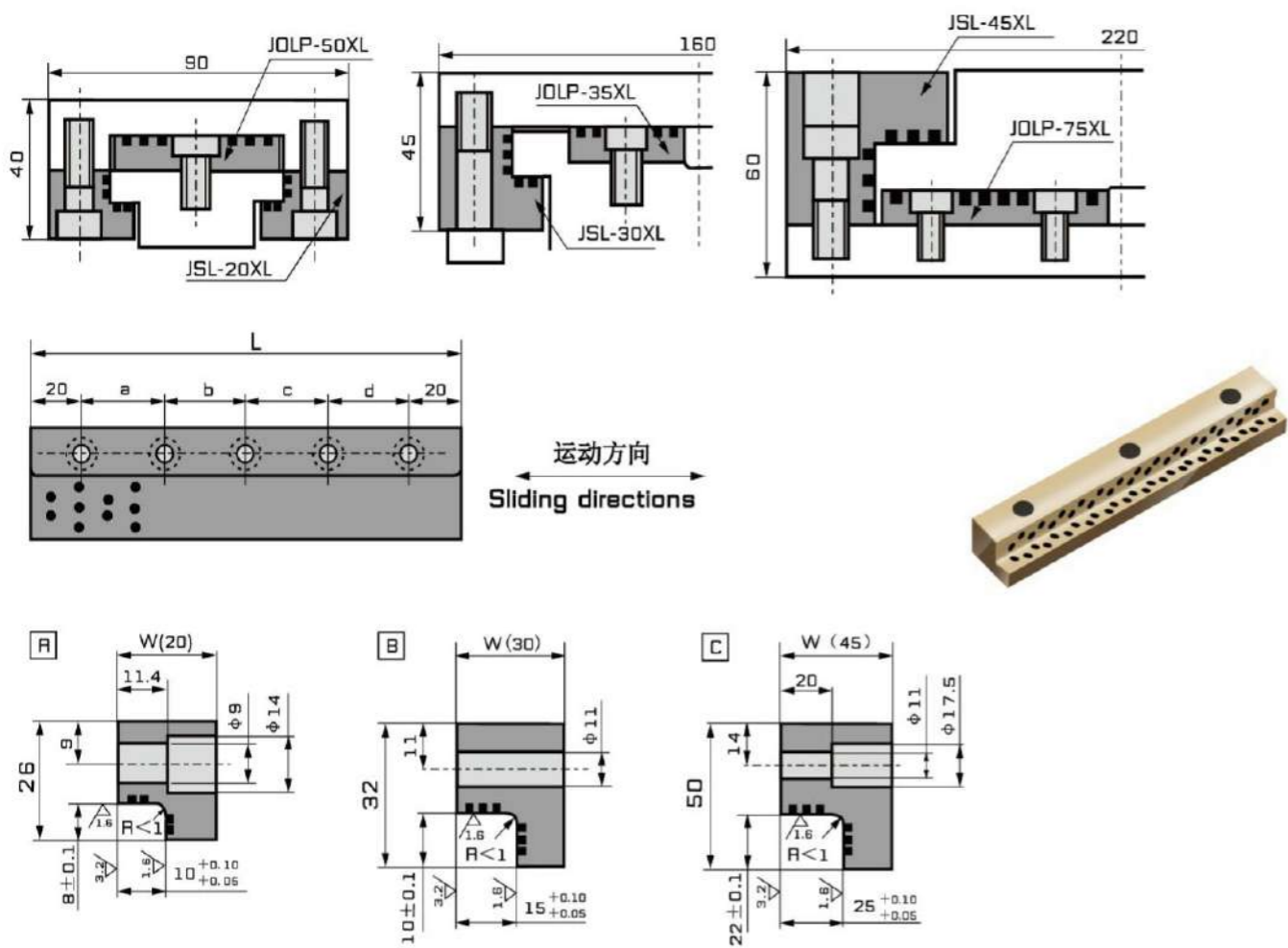


型号 Part No	W	L	T	I	a	b
CNB650.13-75X130	75	130	30	95	40	50
CNB650.13-75X150		150	45	90		45
CNB650.13-75X170		170	60	120		75
CNB650.13-75X200		200				
CNB650.13-100X130	100	130	30	95	60	50
CNB650.13-100X150		150	45	90		45
CNB650.13-100X170		170	60	120		75
CNB650.13-100X200		200				
CNB650.13-125X130	125	130	30	95	85	50
CNB650.13-125X150		150	45	90		45
CNB650.13-125X170		170	60	120		75
CNB650.13-125X200		200				
CNB650.13-150X130	150	130	30	95	110	50
CNB650.13-150X150		150	45	90		45
CNB650.13-150X170		170	60	120		75
CNB650.13-150X200		200				



L型自润滑板

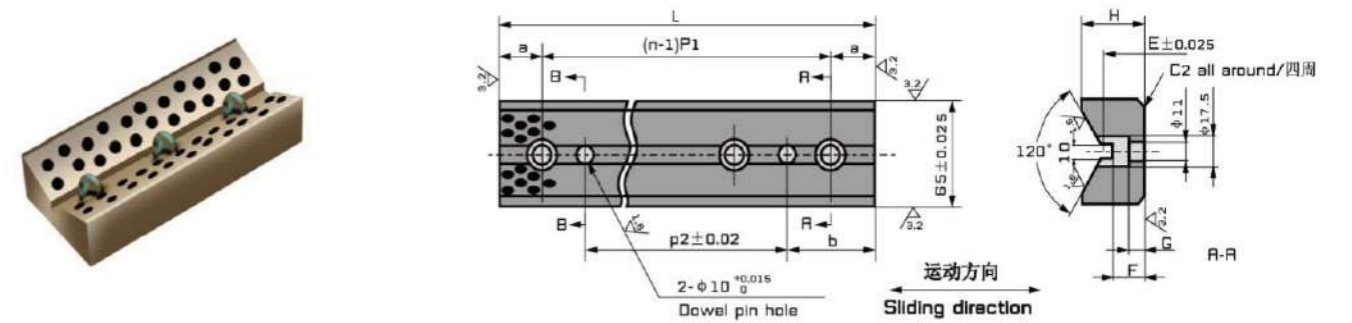
L-Gibs



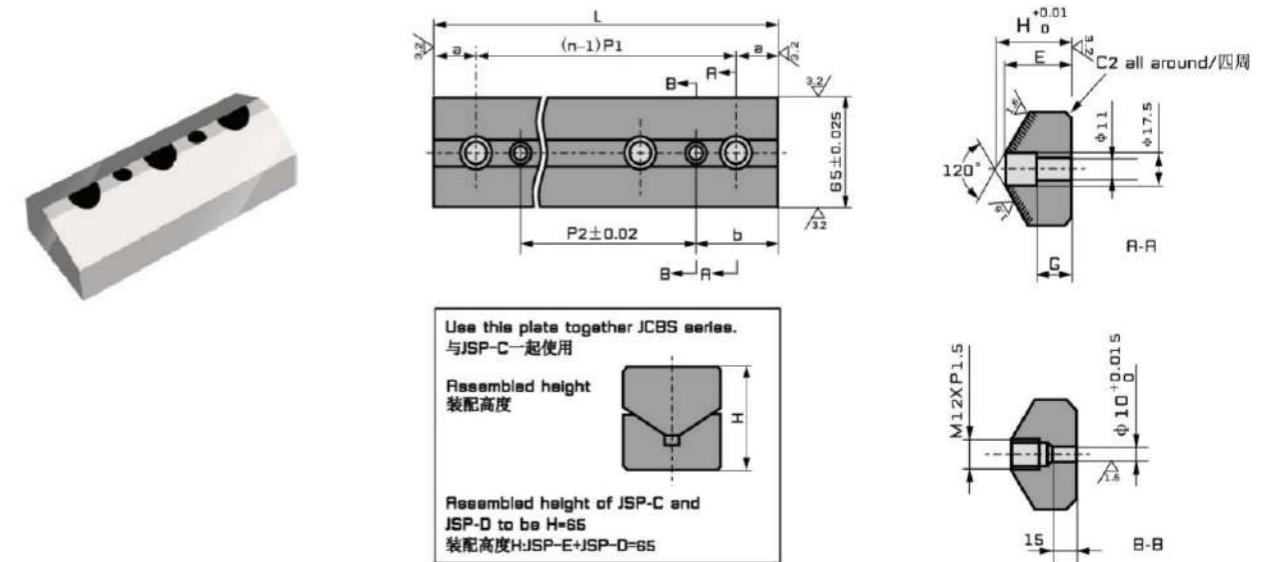
型号 Part No	W	L	螺栓位置 Bolt location				螺栓 Bolt		图示 Sketch
			a	b	c	d	Type规格	数量Qty	
CNB650.04-E-20X100	20	100	60	-	-	-	40	2	A
CNB650.04-E-20X150		150	55	55	-	-		3	
CNB650.04-E-20X200		200	55	50	55	-		4	
CNB650.04-E-30X100	30	100	60	-	-	-	M10	2	B
CNB650.04-E-30X150		150	55	55	-	-		3	
CNB650.04-E-30X200		200	55	50	55	-		4	
CNB650.04-E-30X250	45	250	70	70	70	-	M10	4	C
CNB650.04-E-45X200		200	55	50	55	-		4	
CNB650.04-E-45X250		250	70	70	70	-		4	
CNB650.04-E-45X300	45	300	65	65	65	65	M10	5	C
CNB650.04-E-45X350		350	80	75	75	80		5	

凹轮底部导板

Guide Components U&V Blocks



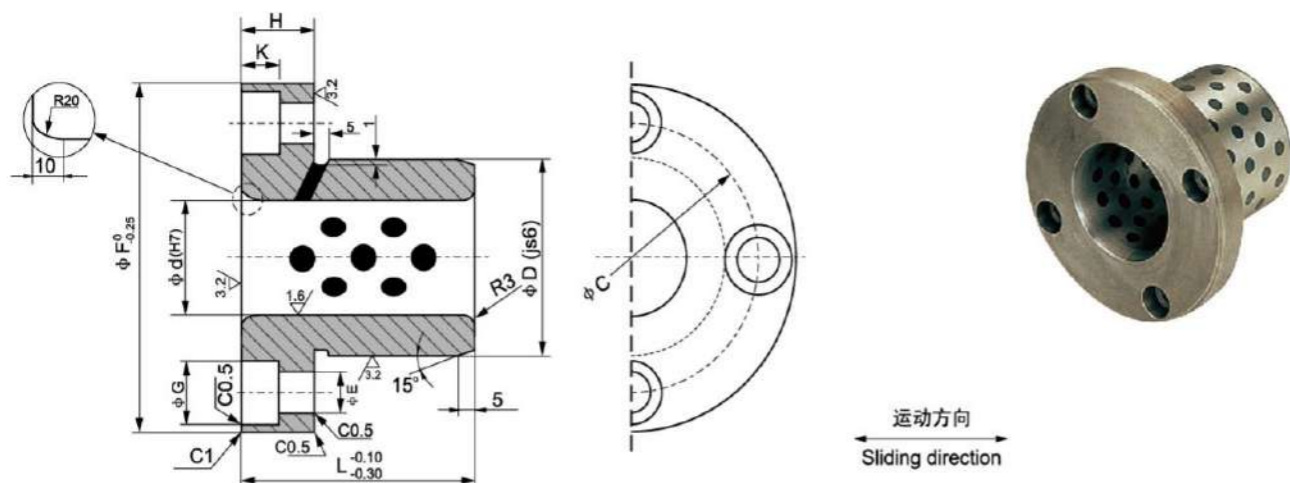
型号 Part No	L	H	E	F	G	a	p ₁	螺栓 Bolt	b	p ₂
CNB650.15-C-100	100	35	18	15	8	20	60	2	40	20
CNB650.15-C-150	150					25	50	3	50	50
CNB650.15-C-200	200					25	50	4	50	100
CNB650.15-C-250	250					25	50	5	50	150
CNB650.15-C-300	300					25	50	6	50	200



型号 Part No	L	H	E	G	a	p ₁	螺栓 Bolt	b	p ₂
CNB650.15-D-100	100	47	44	20	20	60	2	40	20
CNB650.15-D-150	150				25	50	3	50	50
CNB650.15-D-200	200				25	50	4	50	100
CNB650.15-D-250	250				25	50	5	50	150
CNB650.15-D-300	300				25	50	6	50	200

自润滑导向套标准公制尺寸

Self-lubricant Guide Bushes Standard Metric Size



型号 Part No	代号 Code	ΦF	ΦD (js6)	Φd (H7)	H	L	ΦC	ΦE	ΦG	K
CNB650.16 90X50X30X50	30	90	50	30	20	50	70	11	17.5	10.8
CNB650.16 100X60X40X65	40	100	60	40	20	65	80	11	17.5	10.8
CNB650.16 125X75X50X80	50	125	75	50	20	80	100	11	17.5	10.8
CNB650.16 135X85X60X100	60	135	85	60	20	100	110	11	17.5	10.8
CNB650.16 170X110X80X130	80	170	110	80	25	130	140	14	20	13
CNB650.16 190X130X100X160	100	190	130	100	25	160	160	14	20	13



产品简述

Production Brief Description

固体润滑轴承(滑板)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20% -30%)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。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的特殊工况条件下使用。该产品广泛应用于冶金设备、模具、水利工程、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、航天航海等领域,也适用于一般工程机械。

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、铸铁等。嵌入的固体润滑材料主要是石墨及添加剂,不同的添加剂适用于不同的工况。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。

Solid lubricated bushing are sliding blocks are self-lubricated bushing are obtained by means of drilling orderly arranged holes in proper size on the surface of metallic matrix of the bushing before filing the solid lubricant with self-lubrication capability(the area of the solid lubricant applied is usually 20% to 30% of the abrasion area).The bushing integrate the advantages of both the metallic matrix and the specially formulated lubricants and break through the limitation of the ordinary bushing, which depends on the oil for lubrication.The solid ludricated bushingare especially suitable for oil-free, high-temperature, high-load, low-speed, anti-fouling, anti-corrosion, anti-radioactivity circumstances as well as the special circumstances in water or vacuumsettings where it is impossible to add oil for lubrications.This product is widely applied to the steel rolling equipments, filling equipments, water turbines, steam turbines, i nstruments and meters as well as mine machineries,vessel machineries, textlie machineries,ship building industry,cosmonautics and navigation,etc.They can be used for general engineering machineries too.

The base materials of solid lubricant bushing shall be determined according to the working conditions of the bushing.The commonly used material is high-strength copper, tin bronze and cast iron,etc.The filled solid lubricant is mainly graphite and additives.Various additives are for various working conditions.Therefore, according to the working conditions of the bushing, a mix of metallic matrix and filled solid lubricant can enable the products to meet the specific requirements in vanous conditions with various temperatures, loads, movements and ambient substances and meanwhile, ensure stabilized and reiable functioning.

固体润滑轴承的使用特点

Features of The Solid Lubricant Bearings

1、设计灵活、简单、方便、使用范围广：

供油系统在机械设计上是一件费工，费时的事，使用固体润滑轴承在设计时不需要考虑加油装置，节约了加油装置设备。同时可以针对各种特殊场合，把固体润滑轴承设计成各种形状，以满足各种特殊场合需要，使用固体润滑轴承，可以大幅减少机械检修，油料等费用。

2、无油可以使用：

由于固体润滑剂的线膨胀系数大于金属基体，因此当固体润滑轴承开始运转时，油膜会转移到对磨件上而实现自润滑，所以固体润滑轴承可以使用在难以加油以及不能加油或油脂的地方，即使在低速高负载的情况下，也能起到良好的润滑作用。

3、使用成本低：

传统的机械设计，在一定的操作时间内，要经常加油保养，检查油表，供油装置是否畅通，因定期加油导致机体本身及周边环境污染，造成维护保养成本的增加，实现自润滑后，不但可以实现环境整洁，而且大大降低了使用润滑油的成本。

4、高承载、低转速情况下，可发挥优越的性能：

固体润滑轴承是用离心铸造的高强度黄铜作基体，起到承载负荷的作用，用具有良好自润滑性能的特殊配方的石墨作润滑剂。起到自润滑作用，因此它综合了它们各自的优点。即使在高承载，低速情况下仍可发挥优越的性能。

5、往复运动，摇动运动、起动停止频繁等油膜形成困难的场所，可发挥优越的耐磨性：

固体润滑轴承润滑剂的排列原则是保证对磨件在运转过程中各个部位都有润滑剂作用，因此排列润滑剂时必须根据对磨件的运动方向来确定润滑剂的排布位置。

6、优越的耐药品性及耐蚀性：

固体润滑轴承的润滑剂是用特殊配方的石墨、PTFE等耐磨材料制成的，它具有稳定的分子结构，金属基体可以根据不同金属具有不同的耐药品性和耐蚀性来选择，因此固体润滑轴承具有优越的耐药品性和耐蚀性。

7、产品成本更具竞争力：

与同类产品相比，工作寿命较长，所需维护保养甚少，替代更换周期长，性能好。

固体润滑轴承的使用特点

Features of The Solid Lubricant Bearings

1. flexible design, simple, convenient, wide range of use:

the oil supply system in mechanical design is a time-consuming, time-consuming work, the use of solid lubrication bearing in the design does not need to consider the refueling device, save refueling device equipment. At the same time, solid lubricated bearings can be designed into various shapes for various special occasions to meet the needs of various special occasions. The use of solid lubricated bearings can greatly reduce the cost of mechanical maintenance, oil and other expenses.

2. Oil-free use:

Since the linear expansion coefficient of the solid lubricant is greater than that of the metal matrix, when the solid lubricant bearing starts to operate, the oil film will be transferred to the grinding part. As a result, solid-lubricated bearings can be used in areas where it is difficult and impossible to lubricate or grease, providing good lubrication even at low speeds and under high loads.

3. Low cost:

The traditional mechanical design, the operation of the in-time, often come on and maintenance, check the oil, the oil supply device was clear, the body itself and the surrounding environment pollution caused by regular gas, result in an increase in maintenance costs, realize self-lubrication, not only can realize the environment clean and tidy, and greatly reduce the cost of the use of lubricating oil.

4. Under the condition of high load and low speed. Excellent performance:

Solid lubricated bearings are made of centrifugal cast high strength brass as the substrate, which plays the role of bearing load, and graphite with a special formula with good self-lubricating property is used as lubricant. It is self-lubricating, so it combines their respective advantages. Excellent performance at low speeds, even at high loads.

5. reciprocating motion, shaking motion, frequent starting and stopping and other places where the oil film is difficult to form, can give play to excellent wear resistance:

The arrangement principle of solid lubricated bearing lubricants is to ensure that there are lubricants at all parts of the grinding parts during operation. Therefore, the arrangement of lubricants must be determined according to the movement direction of the grinding parts.

6. Excellent drug resistance and corrosion resistance:

Solid lubricated bearing lubricant is made of special formula of graphite, PTEE and other wear-resistant materials, it has a stable molecular structure, the metal matrix can be selected according to different metals have different drug resistance and corrosion resistance, so solid lubricated bearing has superior drug resistance and corrosion resistance.

7. The cost of the product is more competitive.

Compared with similar products, the service life is longer, the maintenance required is less, the replacement cycle is long, and the performance is good.

应用范围

Applied Range



Plastic molding machinery
注塑机械



Hydraulic components
液压元件



Presses forging machinery
压力机锻造机械



Agricultural machinery
农林机械



Engineering machinery
工程机械

应用范围

Applied Range



Wind power equipment
风力设备



Energy facilities
能源设施



Mineral machinery
矿产机械



Port machinery
港口机械



Automotive sector
汽车行业