

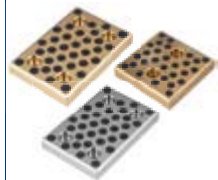


HDB-JDB 系列

固体润滑轴承
Solid-Lubricant-Inlaid Bushings



JDB Self-lubricating Guide bush JDB 自润滑导套

1210/1211 Self lubricating gasket 自润滑垫片  P.14	1220 Self-Lubricating Guide bush 自润滑导套  P.15-16	1225 1925 Self-Lubricating Guide bush 自润滑导套  P.17	1240 With flange, self-lubricating guide bush 带法兰, 自润滑导套  P.18	1241 With flange, self-lubricating guide bush 带法兰, 自润滑导套  P.19
1242 With flange, self-lubricating guide bush 带法兰, 自润滑导套  P.20	1243 Self-lubricating guide bush with flange, NAAMS 带法兰自润滑导套, NAAMS  P.21	1244 Self-lubricating guide bush with flange, CNOMO 带法兰自润滑导套, CNOMO  P.22	1245 Brass bushing with flange, CNOMO 带法兰, 高力黄铜导套, CNOMO  P.23	1250 With flange, self-lubricating guide bush 带法兰, 自润滑导套  P.24
1260 With flange, inner diameter self- lubricating guide bush, ISO9448-6 带法兰, 内径自润滑导套, ISO9448-6  P.25	1261 With flange, self-lubricating guide bush, DIN9834/ISO9448 带法兰, 自润滑导套, DIN9834/ISO9448  P.26	1263 With flange, self-lubricating guide bush, NAAMS 带法兰, 自润滑导套, NAAMS  P.27	1264 With flange, self-lubricating guide bush, CNOMO 带法兰, 自润滑导套, CNOMO  P.28	1272 With flange, self-lubricating guide bush 带法兰, 自润滑导套  P.29
2210 With oil groove, guide plate 带油槽, 导板  P.30	2211 Self-lubricating guide plate ISO 9183-1 自润滑导板 ISO 9183-1  P.31	2212/2511 Guides plate, VDI 3357 导板, VD I3357  P.32	2213. Self-lubricating guide plate, AFNOR/ISO 9183-2 自润滑导板, AFNOR/ISO 9183-2  P.33	2214/2214.1/2914 Self-lubricating guide plate, Japanese standard 自润滑导板, 日本标准  P.34

JDB Self-lubricating Guide bush JDB 自润滑导套

2215.

Self-lubricating guide plate,
VDI 3357
自润滑导板, VDI 3357



P.35

2225/2225.1

Self-lubricating guide plate,
Japanese standard
自润滑导板, 日本标准



P.36

2220.

Guides plate, VDI 3357
导板, VDI 3357



P.37

2221.

Self-lubricating guide plate
自润滑导板



P.38

2226/2526

Wedge self-lubricating
guide plate
斜楔自润滑导板



P.39

2232.

Self-lubricating guide plate
without xing hole
无固定孔自润滑导板



P.40

2243.

Side self-lubricating guide
plate
侧面自润滑导板



P.41

2244.

Three-sided self-lubricating
guide plate
三面自润滑导板



P.42

2245.

Two sides, self-lubricating
guide plate
两侧面, 自润滑导板



P.43

2260.

L type self-lubricating guide
plate
L 型自润滑导板



P.44

2263.

L type self-lubricating guide
plate
L 型自润滑导板



P.45

2280

Wedge self-lubricating
V-shaped guide plate
斜楔自润滑 V 型导向板



P.46

2580.

Wedge V-shaped guide
plate
斜楔 V 型导向板



P.47

2230

Self-lubricating guide plate,
Japanese standard)
自润滑导板, 日本标准



P.48

2510.

Steel guide plate, NAAMS
钢导板, NAAMS



P.49

2511

Guides plate, steel with oil
groove, CNOMO
钢带油槽导板, CNOMO



P.50

2512.

Wedge, self-lubricating
steel guide plate
斜楔, 自润滑钢导板



P.51

2540/2246

Self-lubricating guide plate,
VDI 3387
自润滑导向板, VDI 3387



P.52

2570/2270

Wedge active plate, VDI
3357
斜楔主动板, VDI 3357



P.53

Application 应用特点

HDB-JDB-10 solid lubricant embedded bushing is a new type made from strong brass and homogeneously embedded with solid lubricant in its body. It breaks through the limit of general bearing whose lubrication depends on oil film. So it is suitable for high temperature, heavy load, anti-corrosion, or where oil is hard to be introduced. Its performance doubles both on hardness and wear-friction. It is now widely applied in successive casting machines, steel rollers in metallography, mineral machine, ships, steam turbine, and injection molding machines for plastics.

HDB-JDB-20 suitable for low load position, wear performance worsens greatly when under middle or high load, it can be applied in furnace door linage, furnace, conveyor, tool machines, light industries, etc.

HDB-JDB-30 suitable for low load position, wear performance worsens when under middle or high load. The mating layer is same as HDB-JDB-20 so that more cost-saving than HDB-JDB-2 whereas compression strength increases and weldable. Most suitable for dry position in construction machinery, metallurgical machines, conveyor machines etc.

HDB-JDB-40 can be used under low speed rotation, middle and high load. Due to its super high hardness, when under high load, it over performs than other JDB type. Not suitable for water. Acid, alkali circumstances. Most suitable for the supporting position of hoisting machine, e.g. Bulldozer supporter, hoister supporter, Crane supporter etc.

HDB-JDB-50 is a typical material product. It can instead of material of HDB-JDB-10 when the mechanical performance requirement not very high. It can reduce the cost and meet the operation requirement. Such as dieguide, plastic injection machines etc.

HDB-JDB-10 is a new product embedded with solid lubricant on the base of high-strength brass. It breaks through the limit of general bearing which relies on oil film lubrication. It is suitable for high temperature, high load, corrosion, and cannot be oiled under certain conditions. Its hardness is higher than general brass bushing, and its wear resistance is also higher. It is currently widely applied in metal casting machines, rolling equipment, mining machinery, ships, turbines, injection molding machines and equipment production flow lines.

HDB-JDB-20 is mainly adapted to low load, high temperature and medium speed use cases, such as furnace door hinge, furnace roller, light machinery, machine tool industry etc.

HDB-JDB-30's inner material is the same as HDB-JDB-20, besides having the function of HDB-JDB-20, it also reflects cost saving, improving compressive strength and the ability to be welded to the base. It is suitable for building machinery, metal machinery and conveying machinery without oil lubrication parts.

HDB-JDB-40 is a reinforced product, it has extremely high compressive strength, especially adapted to the supporting parts of lifting machinery, for example: excavator support, crane support, hoist support etc. But because the base is steel, it is not suitable for use in water or acid/alkali environments.

HDB-JDB-50 is a typical material product. In mechanical performance requirements that are not very high, it can replace HDB-JDB-10 for material use, which can greatly reduce costs and meet requirements, for example: mold guide, injection molding machine etc.

The Advantages of the Solid-lubricant-Embedded Bearings 镶嵌式固体润滑轴承的优点

Dry operation.

1、无给油可使用

Can be Performed well with high load and low speed.

2、高载荷、低转速的情况，仍可发挥优越的性能

Reciprocating motion, wagging motion, start and stop frequently are difficulty for keeping oil film. It still may play advantageous of wear-resistance.

3、往返运动、摇摆运动、起动停止频繁等油膜形成困难的场所，仍可发挥优越的耐磨性

Excellent chemical resistance and anti-corrosion.

4、优越的耐药品性及耐腐蚀性

Flexible, simple, convenient and abundant designing of standard, can be choosed by standard axes.

5、设计灵活、简单、方便，丰富的标准品，可配标准轴心使用

Solid Lubricants 固体润滑剂

Lubricant 固体润滑剂	高纯石墨+添加剂 SL1 Graphite	SL4+MoS ₂ PTFE+MoS ₂ +CF
Features 特性	Good wear performance and chemical stability, temperature limit 400°C 很好的耐磨性和化学稳定性, 使用温度 < 400°C	Lowest friction coefficient and good water lubrication, temperature limit 300°C 极低的摩擦系数和很好的水润滑性, 使用温度 < 300°C
Typical application 典型用途	Suit for general machines and under atmosphere 应用于一般机械, 在大气中使用	Suit for water and seawater lubricant, such as ship 应用于水、海水润滑、如船舶

Alloy 合金材料

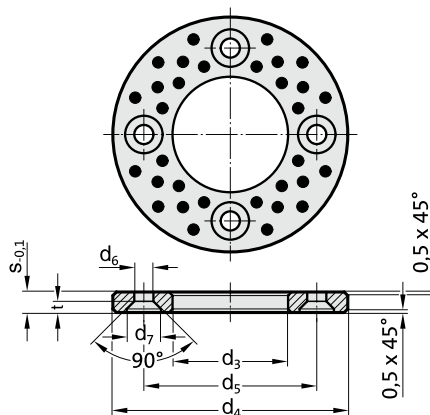
Project 项目	Model 型号	HDB-JDB-50	HDB-JDB-52	HDB-JDB-53	HDB-JDB-54	HDB-JDB-56
Alloy material standard comparison table 合金材料各标准对照表	Chinese brand 中国牌号 GB1776-87	CuZn25Al5Fe3Mn3	CuAl9Fe4Ni4Mn2	CuSn5Pb5Zn5	GCr15	GB5675-85HT250
	International 国际 ISO1338	GCuZn25Al5Fe3Mn3	CuAl10Fe5Ni5	QSn5-5-5	B1	185Gr250
	Germany 德国 DIN	DIN1709G- CuZn25A15/2.0598	DIN17656 GB-CuAl9Ni/2.1096	DIN1705 G-CuSn5Znpb/2.1096	100Cr16	DIN17007 GG25/0.6025
	Japan 日本 JIS	H5102 CAC304	H5114 CAC703	H5111 CAC406	SUJ2	FC250
	United States 美国 ASTM/UNS	B30-92 C86300	B30-92 C95800	B30-92 C83600	E52100	ASTM Class40
Alloy material chemical composition 合金材料化学成分	Cu(%)	Rest	Rest	Rest	*	*
	Sn(%)	*	*	4.0~6.0	*	*
	Zn(%)	22.0~28.0	*	4.0~6.0	*	*
	Ni(%)	*	4.0-5.0	*	*	*
	Al(%)	5.0~7.0	8.5-9.5	*	*	*
	Fe(%)	2.5~4.0	3.0-4.5	*	Rest	Rest
	Mn(%)	2.5~5.0	0.8-1.5	*	0.20-0.40	0.905-1.3
	Cr(%)	*	*	*	1.30-1.65	*
	C(%)	*	*	*	0.95-1.05	2.5-4.0
	Si(%)	*	*	*	0.15-0.35	1.0-1.3
	Pb(%)	*	*	4.0~6.0	*	*

1210
1211

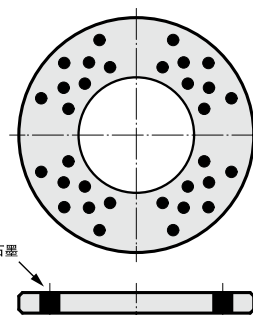
Self lubricating gasket
自润滑垫片



1210.



1211.



Material 材料:

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant



1210/1211. Self lubricating gasket
1210/1211. 自润滑垫片

d ₁	10	12	13	14	15	16	18	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	120
d ₃	10.2	12.2	13.2	14.2	15.2	16.2	18.2	20.2	25.2	30.2	35.2	40.2	45.3	50.3	55.3	60.3	65.3	70.3	75.3	80.3	90.5	100.5	120.5
d ₄	30	40	40	40	50	50	50	50	55	60	70	80	90	100	170	120	125	130	140	150	170	190	200
d ₅	20	28	28	28	28	28	35	35	40	45	50	60	67.5	75	85	90	95	100	110	120	140	160	175
d ₆	3.4	3.4	3.4	3.4	3.4	3.4	3.4	5.5	5.5	5.5	5.5	6.6	6.6	6.6	6.6	9	9	9	9	9	11	11	11
d ₇	6.9	6.9	6.9	6.9	6.9	6.9	6.9	11.5	11.5	11.5	11.5	13.7	13.7	13.7	13.7	18.3	18.3	18.3	18.3	18.3	22.7	22.7	22.7
s	3	3	3	3	3	3	3	5	5	5	5	7	7	8	8	8	8	10	10	10	10	10	10
t	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3	3	3	3	3.6	3.6	3.6	3.6	4.6	4.6	4.6	4.6	4.6	5.9	5.9	5.9



Order 订购

Catalog No. 目录号

d₃

s

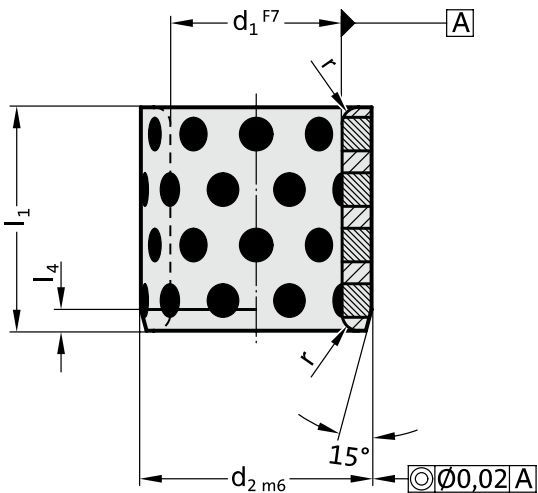
1210
1211

020
020

005
005



1220.



Material 材料:

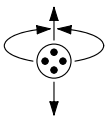
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Description 说明:

shaft sleeve can be used in the radial and axial.
轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。

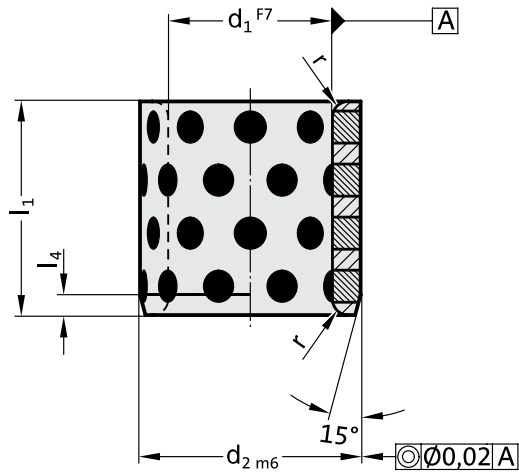


1220. Self-Lubricating Guide bush

1220. 自润滑导套

d ₁	8	10	10	12	13	14	15	16	18	19	20	20	20	24	25	25	25	28	30	30	30	31.5	32	35	35	38	40	40
d ₂	12	14	15	18	19	20	21	22	24	25	26	28	30	32	32	33	35	38	38	40	42	40	42	44	45	48	50	55
r	0.5	0.5	0.5	0.5	0.5	0.5	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.5	1.5	1.5	
l ₁	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
l ₂																												
8	●	●																										
10	●	●	●	●	●	●	●	●																				
12	●	●		●		●	●	●																				
15	●	●		●	●	●		●	●			●																
16				●	●	●	●	●	●			●	●			●	●											
20		●		●	●	●	●	●	●			●	●			●	●		●	●						●		
25				●		●	●	●	●			●	●			●	●		●	●				●	●		●	
30				●		●	●	●	●			●	●			●	●	●	●	●		●	●		●	●	●	
35								●	●			●	●			●	●		●	●				●	●		●	
37										●		●	●			●	●		●	●				●	●		●	
40								●	●		●	●	●			●	●		●	●		●	●		●	●	●	
47														●		●	●		●	●				●	●		●	
50												●			●	●	●		●	●				●	●		●	
60																●	●		●	●	●		●	●		●	●	
70																						●	●			●	●	
77																									●	●		
80																										●	●	

1220.

**Material 材料:**

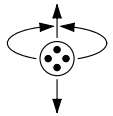
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Description 说明:

shaft sleeve can be used in the radial and axial.
轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1220. Self-Lubricating Guide bush

1220. 自润滑导套

d ₁	45	45	45	50	50	50	55	60	60	63	65	70	70	75	75	80	80	90	100	110	120	125	130	140	150	160
d ₂	55	56	60	60	62	65	70	74	75	75	80	85	90	95	96	100	100	110	120	130	140	145	150	160	170	180
r	1.5	1.5	1.5	1.5	1.5	1.5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
l ₄	4	4	4	4	4	4	4	4		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
l ₁																										
30	●	●	●	●	●	●		●	●																	
35	●	●	●	●	●	●		●	●			●														
40	●	●	●	●	●	●	●	●	●			●				●	●									
50	●	●	●	●	●	●	●	●	●		●	●	●			●	●									
60	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●						
70			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
80			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
95				●																						
100						●			●			●		●	●				●	●	●	●	●	●	●	●
120										●						●	●		●	●	●	●	●	●	●	●
130																				●		●	●	●	●	●
140																	●				●			●		●
150																									●	●



Order 订购

Catalog No. 目录号

1220

d₁

045

d₂

055

l₁

030

1225
1925

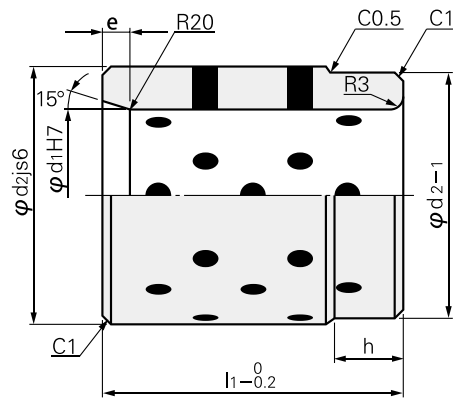
Self-Lubricating Guide bush
自润滑导套



1225.



1925.



Material 材料:

1225: CuZn25Al5Fe3Mn3+ 固体润滑剂
Solid lubricant

1925: HT250 铸铁 + 固体润滑剂 Solid
lubricant

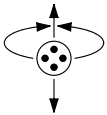
Description 说明:

shaft sleeve can be used in the radial and
axial.

轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1225./1925. Self-Lubricating Guide bush

1225./1925. 自润滑导套

d2js6	50	60	70	80	80	100	100	120	120
d1H7	30	40	50	60	60	80	80	100	100
L	50	60	75	60	90	80	120	100	150
h	10	10	15	20	20	25	25	25	25
e	5	5	10	10	10	10	10	10	10



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1225
1925

d₁

030
030

d₂

050
050

l₁

050
050

1240

With flange, self-lubricating guide bush
带法兰，自润滑导套



1240.



Material 材料:

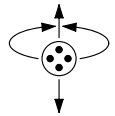
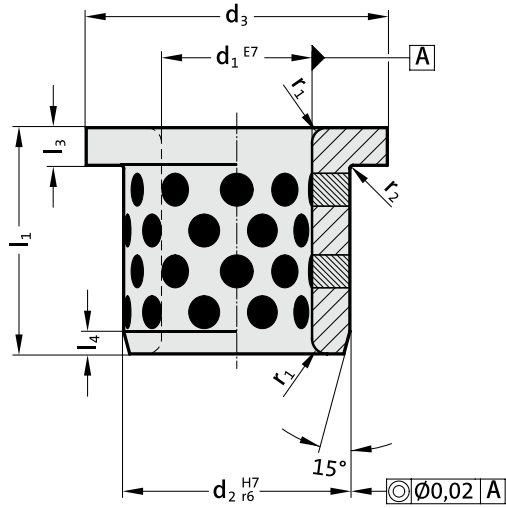
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Description 说明:

shaft sleeve can be used in the radial and axial.
轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1240. With flange, self-lubricating guide bush

1240. 带法兰，自润滑导套

d1	10	12	13	14	15	16	20	25	30	31.5	35	40	45	50	55	60	63	70	75	80	90	100	120
d2	14	18	19	20	21	22	30	35	40	40	45	50	55	60	65	75	75	85	90	100	110	120	140
d3	22	25	26	27	28	29	40	45	50	50	60	65	70	75	80	90	85	105	110	120	130	150	170
l3	2	3	3	3	3	3	5	5	5	5	5	5	5	5	5	7.5	7.5	7.5	7.5	10	10	10	10
l4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
r1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
r2	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
l1																							
15	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
25					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
30					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
35							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
60									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
67.5										●	●	●	●	●	●	●	●	●	●	●	●	●	●
80											●	●	●	●	●	●	●	●	●	●	●	●	●
100												●	●	●	●	●	●	●	●	●	●	●	●



Order 订购

Catalog No. 目录号

1240

d1

010

l1

015

1241

With flange, self-lubricating guide bush
带法兰，自润滑导套



1241.



Material 材料:

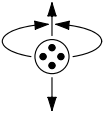
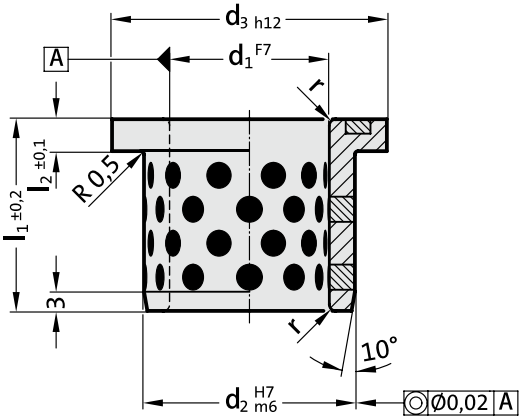
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Description 说明:

shaft sleeve can be used in the radial and axial.
轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1241. With flange, self-lubricating guide bush
1241. 带法兰，自润滑导套

d1	12	16	20	25	30	40	50	60
d2	18	22	28	33	38	50	62	75
d3	25	30	36	43	48	60	75	90
r	1	1	1	1	1	2	2	3
l1	15	20	25	30	35	45	55	65
l2	4	5	5	5	5	5	6	7



Order 订购

Catalog No. 目录号

1241

d₁

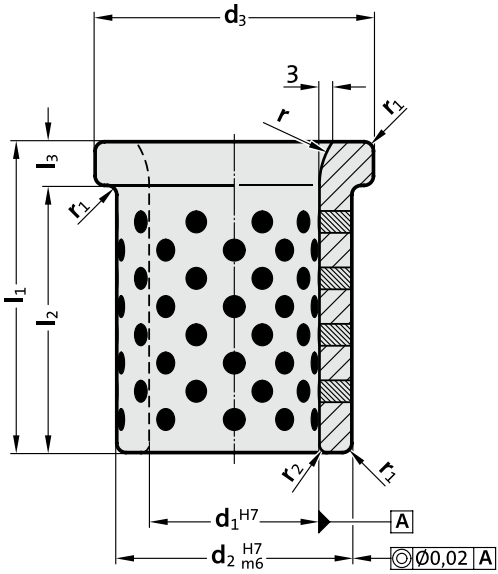
020

l₁

032



1242.



Material 材料:

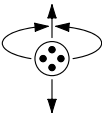
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Description 说明:

shaft sleeve can be used in the radial and axial.
轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1242. With flange, self-lubricating guide bush
1242. 带法兰，自润滑导套

d1	25	30	40	50	60	65	65	80	80	100	100
d2	35	40	55	65	75	80	80	100	100	120	120
d3	45	50	65	75	85	90	90	110	110	130	130
r	10	20	20	20	20	20	20	20	20	20	20
r1	1	1	2	2	0	2	2	2	2	2	2
r2	2	2	2	2	0	2	2	2	2	3	3
l3	7	10	10	10	10	10	10	10	10	10	10
l2	33	40	60	70	70	70	110	9	130	90	130
l1	40	50	70	80	80	80	120	100	140	100	140

 Order 订购

Catalog No. 目录号

d1

l1

1242

025

040

1243.



Material 材料:

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

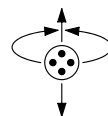
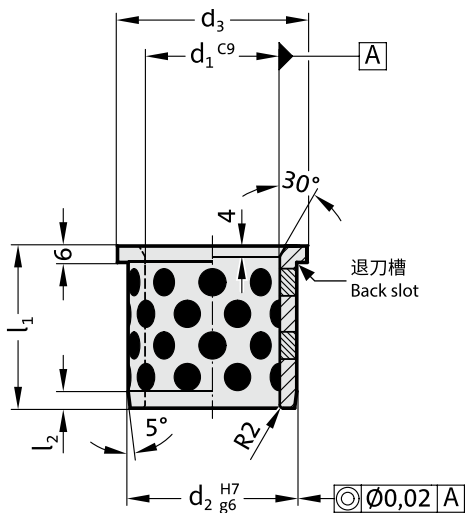
Description 说明:

shaft sleeve can be used in the radial and axial.

轴套可以在径向和轴向使用。

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。



1243. With flange, self-lubricating guide bush, NAAMS

1243. 带法兰，自润滑导套，NAAMS

d1	25	32	40	50	63	80	100	125
d2	32	40	50	63	80	100	125	160
d3	40	50	63	71	90	112	140	180
l1	40	50	55	63	75	90	115	138
l2	4	4	5	6	8	10	12	12



Order 订购

Catalog No. 目录号

1243

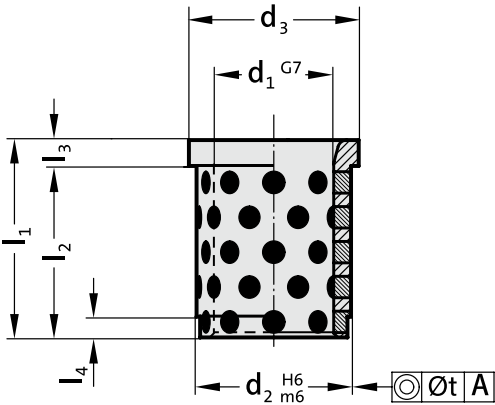
d₁

025

l₁

040

1244.



Material 材料:
CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:
The guide bush can only be used in axial movement.
The inner diameter contracts when pressed.
该导套只能在轴向运动上使用。
压入时内径收缩。

1244. With flange, self-lubricating guide bush, CNOMO								
1244. 带法兰，自润滑导套，CNOMO								
d1	20	25	32	40	50	63	80	100
d2	28	35	44	52	63	80	100	125
d3	32	40	50	60	71	90	112	140
l1	32	40	50	63	80	100	125	160
l2	28	35	44	55	70	88	109	140
l3	4	5	6	8	10	12	16	20
l4	3	5	8	8	8	10	10	10
t	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02

 Order 订购

Catalog No. 目录号

d1

l1

1244

020

032

1245

With flange, high-force brass guide bush, CNOMO
带法兰，高力黄铜导套，CNOMO



1245.



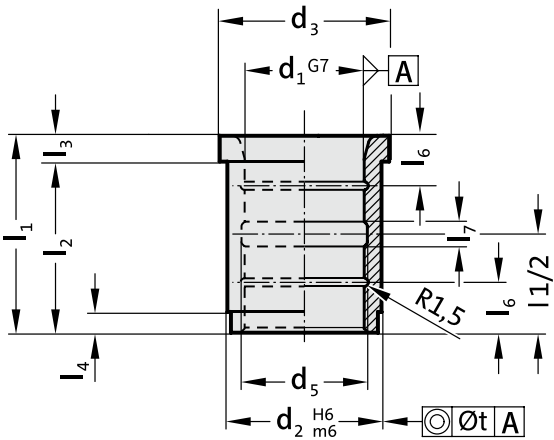
Material 材料:

CuZn25Al5Fe3Mn3

Note 注意:

The guide bush can only be used in axial movement.

The inner diameter contracts when pressed.
该导套只能在轴向运动上使用。
压入时内径收缩。



1245. With flange, high-force brass guide bush, CNOMO

1245. 带法兰，高力黄铜导套，CNOMO

d1	20	25	32	40	50	63	80	100
d2	28	35	44	52	63	80	100	125
d3	32	40	50	60	71	90	112	140
d5	22	27	34	42	52	65	82	102
l1	32	40	50	63	80	100	125	160
l2	28	35	44	55	70	88	109	140
l3	4	5	6	8	10	12	16	20
l4	3	5	8	8	8	10	10	10
l6	-	-	12	16	20	25	32	40
l7	5	5	5	8	10	12	16	20
t	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.20



Order 订购

Catalog No. 目录号

1245

d1

020

l1

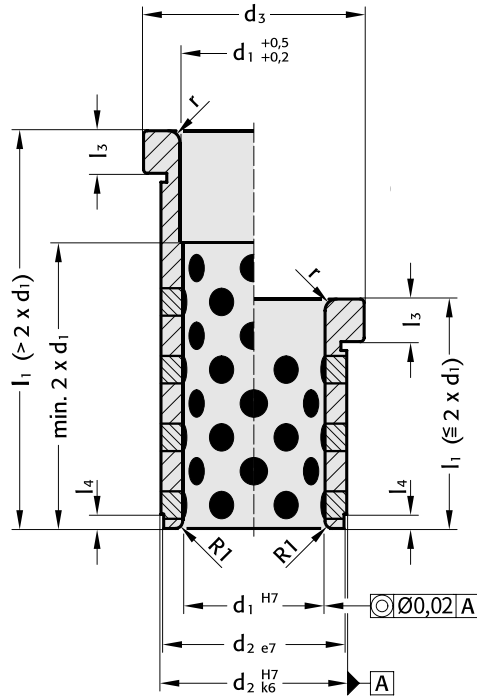
032

1250

With flange, self-lubricating guide bush
带法兰，自润滑导套



1250.



Material 材料:

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:

The inner diameter contracts when pressed.
压入时内径收缩。

1250. With flange, self-lubricating guide bush

1250. 带法兰，自润滑导套

d1	9 10	12	14 15	16	18 20	22 24	25	30 32	40 42	50	60
d2	14	18	20	22	26	30	32	42	54	66	80
d3	16	23	25	27	31	35	38	47	60	72	86
r	0.5	1	1	2	2	3	3	3	3	3	3
l3	3	6	6	6	6	6	6	6	10	10	20
l4	1.5	2	2	2	2	3	4	4	5	5	5
l1											
12	●										
17	●	●	●	●	●	●					
22	●	●	●	●	●	●					
27	●	●	●	●	●	●		●			
36	●	●	●	●	●	●		●			
46	●	●	●	●	●	●	●	●			
56	●	●	●	●	●	●	●	●	●		
66					●	●	●	●	●		
76					●	●	●	●	●	●	
86						●	●	●	●	●	
96						●		●	●	●	●
116								●	●	●	●
136									●	●	●
156									●	●	●
196										●	●



Order 订购

Catalog No. 目录号

1250

d1

020

l1

017

1261

With flange, self-lubricating guide bush, DIN 9834/ISO 9448
带法兰，自润滑导套，DIN 9834/ISO 9448



1261

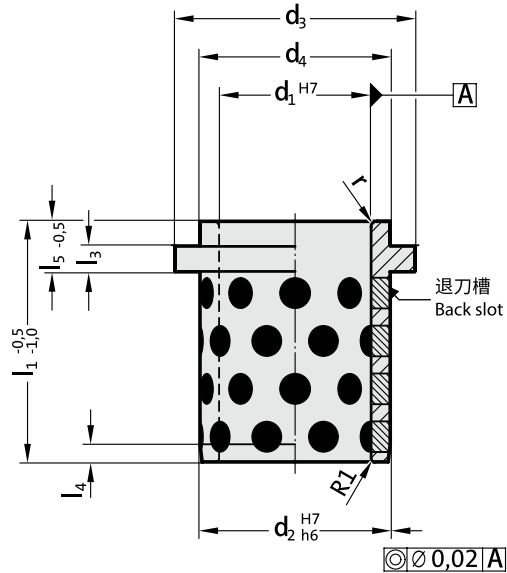
**Material 材料:**

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:

The guide bush can only be used in axial movement.

该导套只能在轴向运动上使用。



1261. With flange, self-lubricating guide bush, DIN 9834/ISO 9448

1261. 带法兰，自润滑导套，DIN 9834/ISO 9448

	24 25	30 32	38 40	48 50	60 63	80	100	125	160
d ₁	32	40	50	63	80	100	125	160	200
d ₂	40	50	63	71	90	112	140	180	220
d ₃	32	40	50	63	80	100	125	160	200
d ₄	40	50	63	71	80	100	125	160	200
l ₁	6.3	6.3	6.3	6.3	10	10	10	10	10
l ₂	3	4	5	6.3	8	10	12.5	16	16
l ₃	10	12	15	17	19	22	21	30	32
r	3	3	3	5	6	8	10	12	18



Order 订购

Catalog No. 目录号

1261

d₁

024

l₁

040

1263

With flange, self-lubricating guide bush, NAAMS
带法兰，自润滑导套，NAAMS



1263.

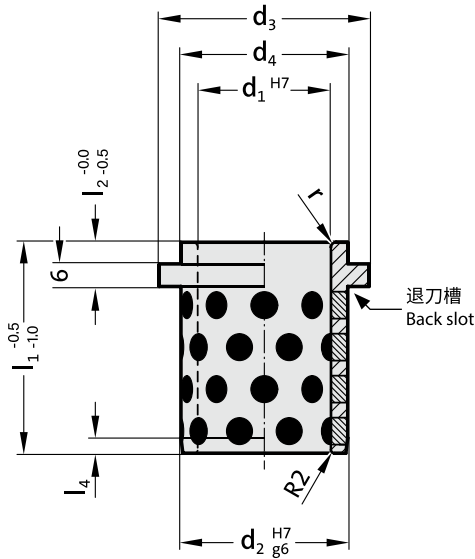


Material 材料:

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:

The guide bush can only be used in axial movement.
该导套只能在轴向运动上使用。



1263. With flange, self-lubricating guide bush, NAAMS
1263. 带法兰，自润滑导套，NAAMS

d1	25	32	40	50	63	80	100	125
d2	32	40	50	63	80	100	125	160
d3	40	50	63	71	90	112	140	180
d4	32	40	50	63	80	100	125	160
l1	40	50	63	71	80	100	125	160
l2	10	10	13	15	17	20	19	28
l4	4	4	5	6	8	10	12	12
r	3	3	3	5	6	8	10	12



Order 订购

Catalog No. 目录号

1263

d₁

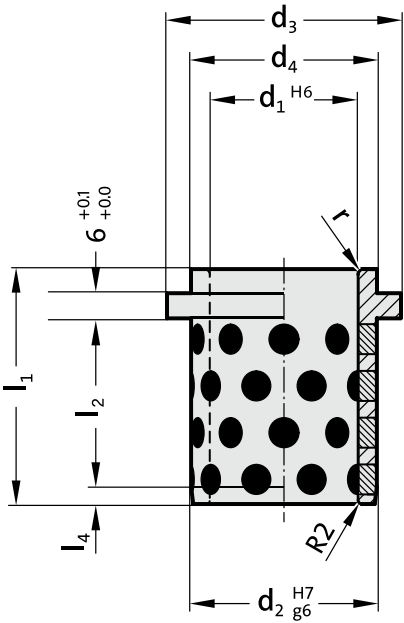
025

l₁

040



1264.



Material 材料:

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:

The guide bush can only be used in axial movement.
该导套只能在轴向运动上使用。



1264. With flange, self-lubricating guide bush, NAAMS
1264. 带法兰，自润滑导套， NAAMS

d1	25	32	40	50	63	80	100	115	125
d2	32	40	50	63	80	100	125	140	160
d3	40	50	63	71	90	112	140	155	180
d4	32	40	50	63	80	100	125	140	160
l1	40	50	63	71	80	100	125	140	160
l2	30	40	50	56	63	80	106	120	132
l4	4	4	5	6	8	10	12	12	12
r	3	3	3	5	6	8	10	10	12

 Order 订购

Catalog No. 目录号

d₁

l₁

1264 . 025 . 040

1272

With flange, self-lubricating bushing

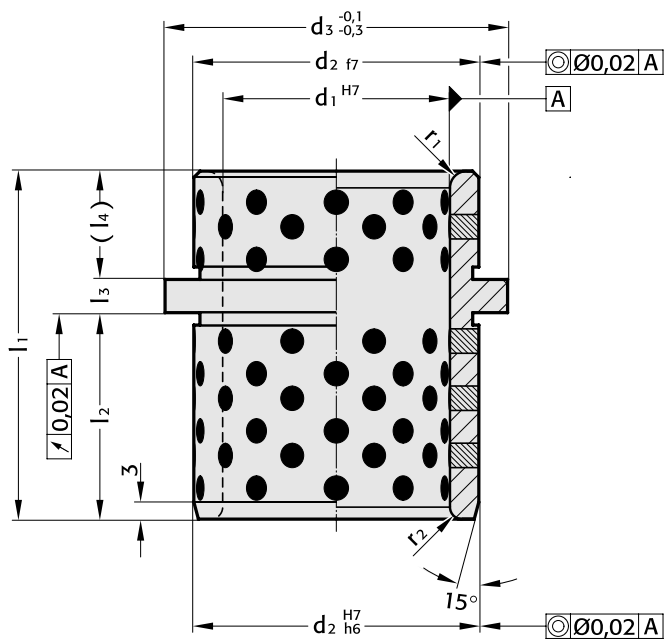
带法兰，自润滑轴套



1272.

**Material 材料:**

CuZn25Al5Fe3Mn3+ 固体润滑剂 Solid lubricant

Note 注意:The inner diameter contracts when pressed.
压入时内径收缩。

1272. With flange, self-lubricating bushing

1272. 带法兰，自润滑轴套

d1	25	30	40	40	50	50	60	63	63	63
d2	35	42	50	50	63	63	80	80	80	80
d3	40	47	60	60	72	72	86	90	90	90
r1	3	3	4	4	4	4	3	4	4	4
r2	2	2	2	2	3	3	3	3	3	3
l1	43	43	60	64	77	92	78	95	100	108
l2	24	24	35.5	39.5	44.5	55.5	49	55.5	62.5	62.5
l3	7.5	7.5	6	6	8	8	7.5	8	8	8
l4	11.5	11.5	18.5	18.5	24.5	28.5	21.5	31.5	29.5	37.5



Order 订购

Catalog No. 目录号

1272

d1

025

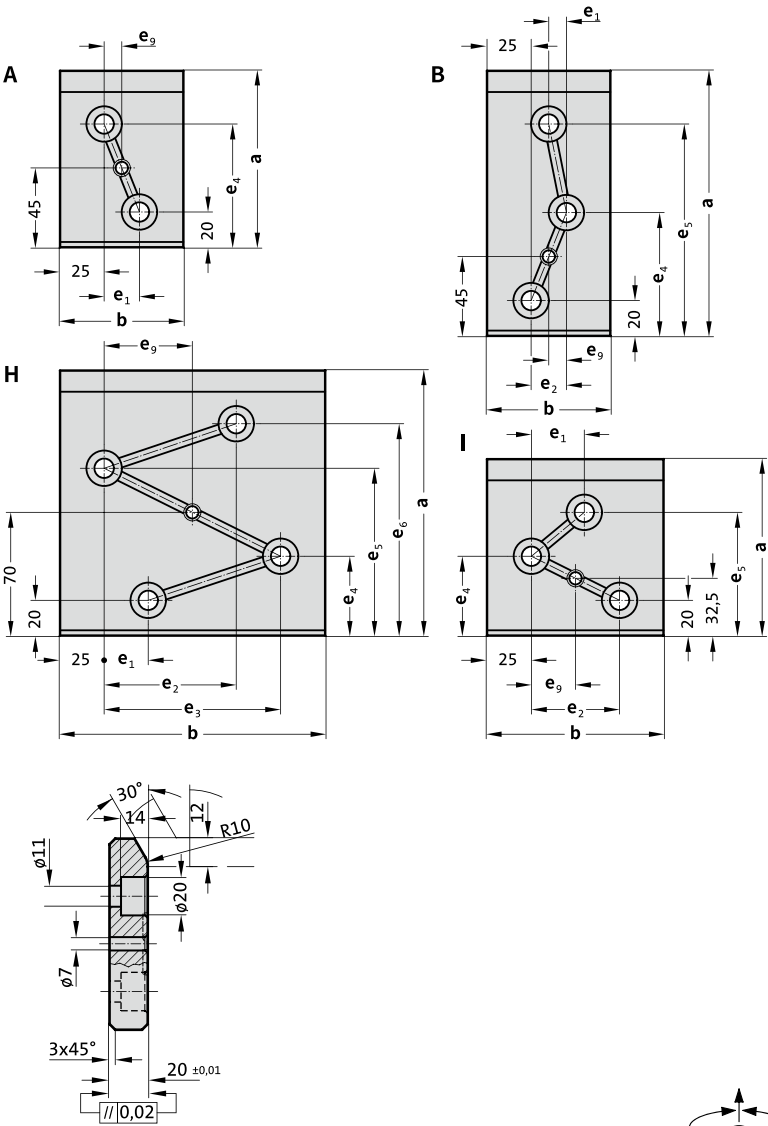
l1

043



Material 材料:
高力黄铜 CuZn25Al5Fe3Mn3

2210



2210. With oil groove, guide plate 2210. 带油槽，导板										
形状	b	a	e ₁	e ₂	e ₃	e ₄	e ₅	e ₆	e ₉	螺栓孔数量
A	70	100	20	-	-	70	-	-	10	2
B	70	150	10	20	-	70	120	-	10	3
I	100	100	30	50	-	45	70	-	25	3
H	150	150	25	75	100	45	95	120	50	4

2212
2511

Guide plate, VDI 3357
导板, VDI 3357



2212



2511



Material 材料:

2212: CuZn25Al5Fe3Mn3 + 固体润滑剂

Solid lubricant

2511: 钢 steel

Description 说明:

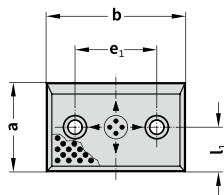
2511: 表面高频处理 Surface high frequency processing

硬度 hardness:

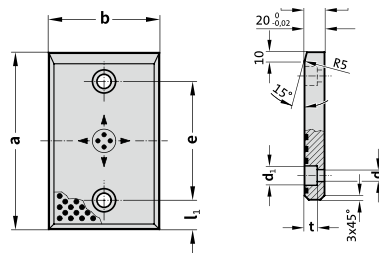
2212: $\geq 210\text{HB}$

2511: 55~60HRC

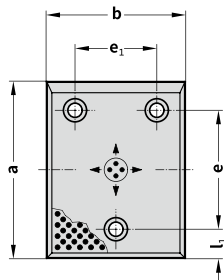
D



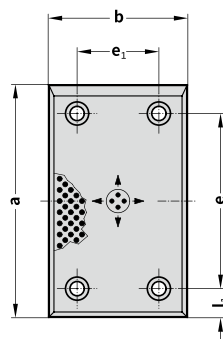
B



G



H



2212. /2511. Guide plate, VDI 3357

2212. /2511. 导板, VDI 3357

形状	b	a	l1	e	e1	d	d1	t	螺栓孔数量
B	50	80	25	30	-	9	15	9	2
B	50	100	25	50	-	13.5	20	13	2
B	50	125	25	75	-	13.5	20	13	2
B	50	160	25	110	-	13.5	20	13	2
B	50	200	25	150	-	13.5	20	13	2
D	80	50	25	-	30	9	15	9	2
B	80	80	25	30	-	13.5	20	13	2
B	80	100	25	50	-	13.5	20	13	2
B	80	125	25	75	-	13.5	20	13	2
B	80	160	25	110	-	13.5	20	13	2
B	80	200	25	150	-	13.5	20	13	2
B	80	250	40	170	-	13.5	20	13	2
B	80	315	40	235	-	13.5	20	13	2
D	100	50	25	-	50	13.5	20	13	2
D	100	80	40	-	50	13.5	20	13	2
B	100	100	25	50	-	13.5	20	13	2
B	100	125	25	75	-	13.5	20	13	2
B	100	160	25	110	-	13.5	20	13	2
B	100	200	25	150	-	13.5	20	13	2

2212. /2511. Guide plate, VDI 3357

2212. /2511. 导板, VDI 3357

形状	b	a	l1	e	e1	d	d1	t	螺栓孔数量
B	100	250	40	170	-	13.5	20	13	2
B	100	315	40	235	-	13.5	20	13	2
D	125	50	25	-	75	13.5	20	13	2
D	125	80	40	-	75	13.5	20	13	2
G	125	100	25	50	75	13.5	20	13	3
G	125	125	25	75	75	13.5	20	13	3
G	125	160	25	110	75	13.5	202	13	3
G	125	200	25	150	75	13.5	20	13	3
G	125	250	40	170	75	13.5	20	13	3
G	125	315	40	235	75	13.5	20	13	3
D	160	50	25	-	110	13.5	20	13	3
D	160	80	40	-	110	13.5	20	13	3
G	160	100	25	50	110	13.5	20	13	3
G	160	125	25	75	110	13.5	20	13	3
G	160	160	25	110	110	13.5	20	13	3
G	160	200	25	150	110	13.5	20	13	3
H	160	250	40	170	110	13.5	20	13	4
H	160	315	40	235	110	13.5	20	13	4



Order 订购

Catalog No. 目录号

b

a

厚度

2212

050

080

020

2511

050

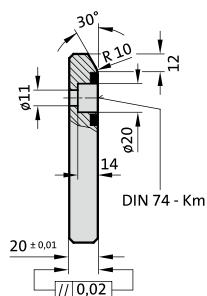
080

020

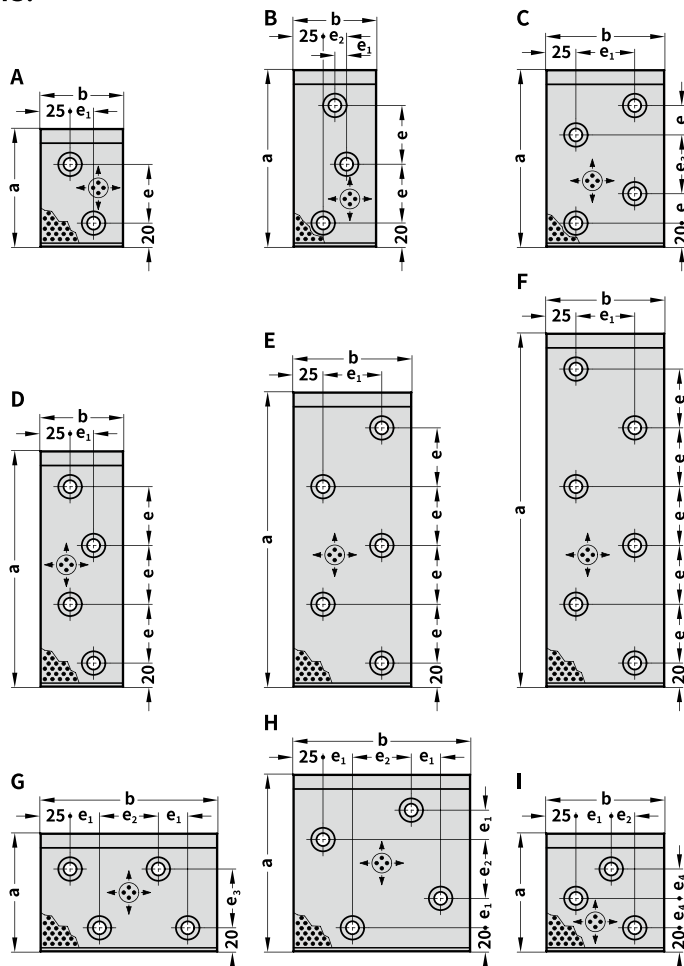


Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2213.



2213. Self-lubricating guide plate, AFNOR/ISO 9183-2

2213. 自润滑导板, AFNOR/ISO 9183-2

形状	b	a	e	e ₁	e ₂	e ₃	e ₄	螺栓孔数量
A	70	100	50	20	-	-	-	2
B	70	150	50	10	20	-	-	3
D	70	200	50	20	-	-	-	4
I	100	100	-	30	20	-	25	3
C	100	150	25	50	-	50	-	4
D	100	200	50	50	-	-	-	4
E	100	250	50	50	-	-	-	5
F	100	300	50	50	-	-	-	6
G	150	100	-	25	50	50	-	4
H	150	150	-	25	50	-	-	4
D	150	200	50	100	-	-	-	4
E	150	250	50	100	-	-	-	5
F	150	300	50	100	-	-	-	6
G	200	100	-	50	50	50	-	4



Order 订购

Catalog No. 目录号

2213

b

070

a

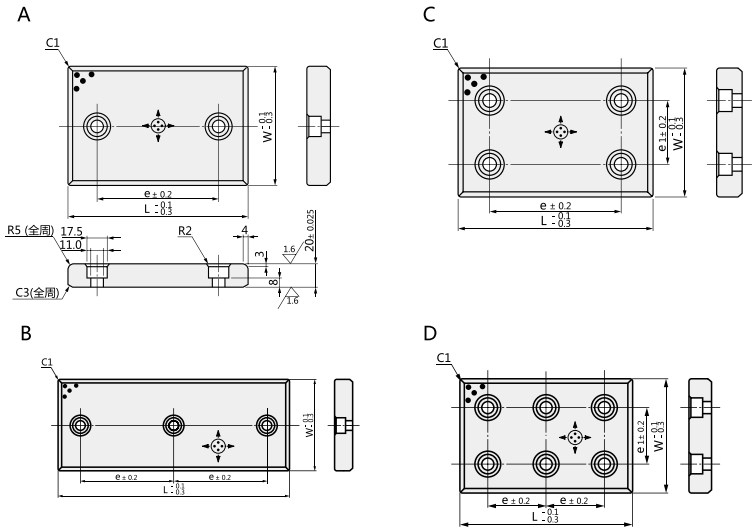
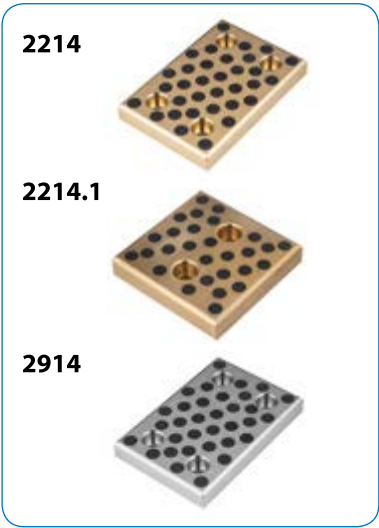
100

厚度

020

2214
2214.1
2914

Self-lubricating guide plate, Japanese standard
自润滑导板，日本标准



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant
2914: HT250 铸铁 + 固体润滑剂 Solid lubricant

2214./2214.1/2914. Self-lubricating guide plate, Japanese standard
2214./2214.1/2914. 自润滑导板，日本标准

e	Catalog No.	W	NO.(L)	形状
45	2214	28	75	A
50			100	A
75			120	A
100			150	A
150			200	A
200			250	A
125			300	B
45		38	75	A
50			100	A
75			125	A
100			150	A
150			200	A
200			250	A
125			300	B
45		48	75	A
50			100	A
75			150	A
100			150	A
150			200	A
200			250	A
125			300	B
45		58	75	A
50			100	A
75			125	A
100			150	A
150			200	A
200			250	A
125			300	B
25		75	75	A
50			100	A
75			125	A
100			150	A
150			200	A
200			250	A
100			300	B
125			300-H	B

2214./2214.1/2914. Self-lubricating guide plate, Japanese standard
2214./2214.1/2914. 自润滑导板，日本标准

e	e1	Catalog No.	W	NO.(L)	形状	
50	50	2214	100	100	C	
75				125	C	
100				150	C	
150				200	C	
200				250	C	
200				300	C	
125			50	300-H	D	
75				125	C	
100				150	C	
150				200	C	
200				250	C	
200				300	C	
200	75		350	C		
75			125-H	C		
100			150-H	C		
150			200-H	C		
200			250-H	C		
125			300-H	D		
200	100		350-H	C		
100			150	C		
150			200	C		
200			250	C		
250			300	C		
125			300-H	D		
50			2214.1	100	100	A
75					125	A
100					150	A
150					200	A
200					250	A
200					300	A
75				125	125	A
100					150	A
150					200	A
200					250	A
200					300	A
100					150	150
150				200		A
200				250		A
200				300		A
100				150		A
150				200		A
200				250		A
250						300

Order 订购

Catalog No. 目录号

W

L

厚度

2214 028 075 020

2214.1 100 100 020

2914 028 075 020

2215

Self-lubricating guide plate, VDI 3357, VDI 3357

自润滑导板, VDI 3357

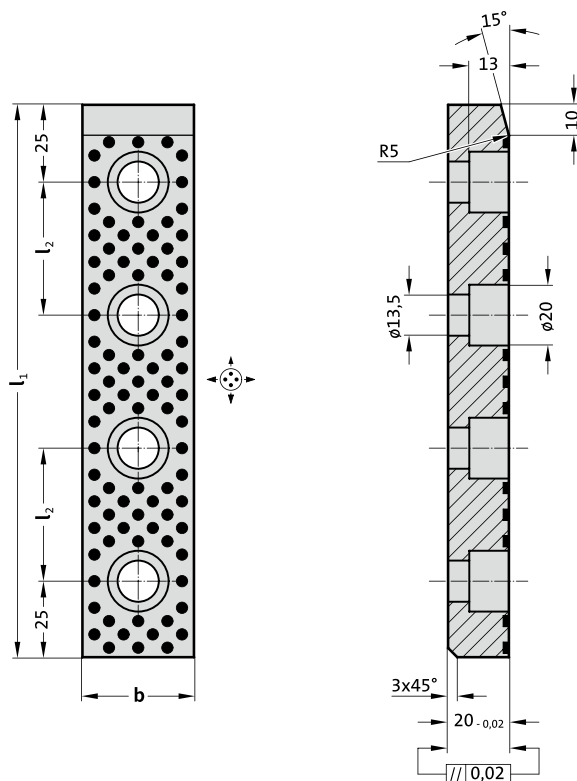


2215.



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2215. Self-lubricating guide plate, VDI 3357, VDI 3357

2215. 自润滑导板, VDI 3357

b	l1	l2
50	250	60
50	300	80
50	350	100
50	400	120
50	450	140
50	500	150
80	250	60
80	300	80
80	350	100
80	400	120
80	450	140
80	500	150
100	250	60
100	300	80
100	350	100

2215. Self-lubricating guide plate, VDI 3357, VDI 3357

2215. 自润滑导板, VDI 3357

100	400	120
100	450	140
100	500	150
125	250	60
125	300	50
125	250	100
125	400	120
125	450	140
125	500	150
160	250	60
160	300	80
160	350	100
160	400	120
160	450	140
160	500	150



Order 订购

Catalog No. 目录号

2215

b

050

l1

250

厚度

020

2225
2225.1

Self-lubricating guide plate, Japanese standard
自润滑导板，日本标准



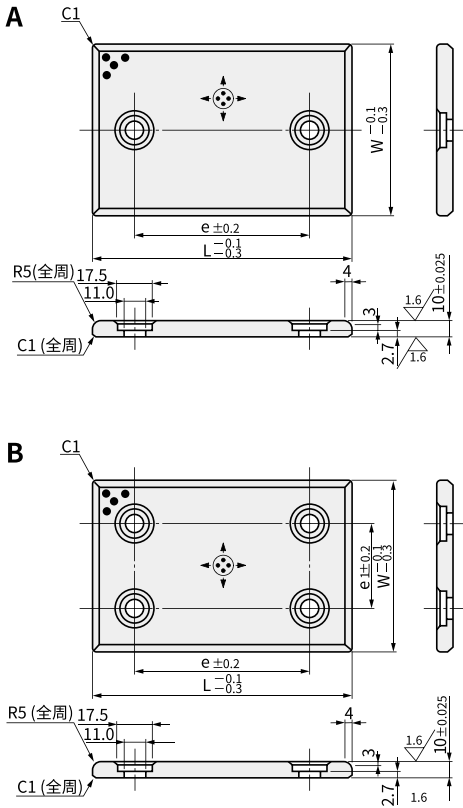
2225



2225.1



Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



※W = 28、38的
纵向R为R2。

W = 28、38时
仅纵向(L方向)。

2225. /2215.1 Self-lubricating guide plate, Japanese standard
2225. /2215.1 自润滑导板，日本标准

e	CatalogNo.	W	L	形状
45	2225	28	75	A
50			100	A
75			125	A
100			150	A
45		38	75	A
50			100	A
75			125	A
100			150	A
45		48	15	A
50			100	A
75			125	A
100			150	A
150			200	A
45		58	75	A
50			100	A
75			125	A
100			150	A
150			200	A
25		75	75	A
50			100	A
75			125	A
100			150	A
125			175	A
150			200	A

2225. /2215.1 Self-lubricating guide plate, Japanese standard
2225. /2215.1 自润滑导板，日本标准

e	e1	CatalogNo.	W	L	形状	
50	50	2225	100	100	B	
75				125	B	
100				150	B	
150				200	B	
200				250	B	
100	50		125	150	150	B
150					200	B
200					250	B
100					150	B
150					200	B
50	-	2225.1	100	100	A	
75				125	A	
100				150	A	
150				200	A	
200				250	A	
100			125	150	150	A
150					200	A
200					250	A
100					150	A
150					200	A



Order 订购

Catalog No. 目录号

2225
2225.1

W

028
100

L

075
100

厚度

020
020

2220
2520

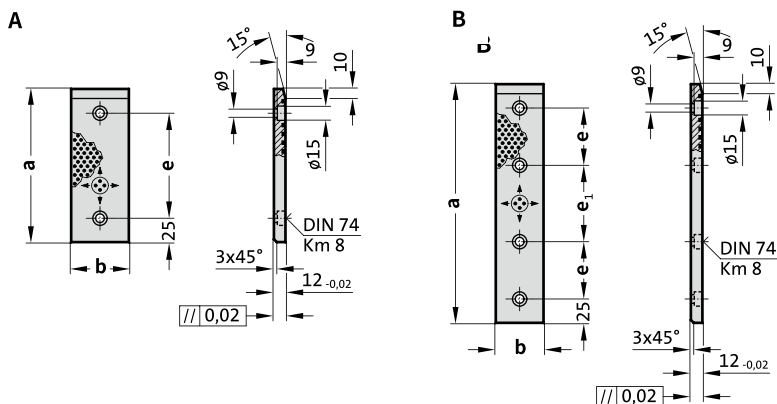
Guides plate, VDI 3357
导板, VDI 3357



2220



2520



Material 材料:

2220: CuZn25Al5Fe3Mn3 + 固体润滑剂
Solid lubricant

2520: 钢 Steel

2520: 55~60HRC

Description 说明:

2511: 表面高频处理 Surface high frequency processing

硬度 Hardness:

2220: ≥210HB

2520: 55~60HRC

2220. Guides plate, VDI 3357
2220. 导板, VDI 3357

形状	b	a	e	e ₁	螺栓孔数量
A	30	80	30	-	2
A	30	100	50	-	2
A	30	125	75	-	2
A	30	160	110	-	2
A	30	200	150	-	2
A	30	225	175	-	2
B	30	250	60	80	4
B	30	260	60	90	4
B	30	280	60	110	4
B	30	300	80	90	4
B	30	320	80	110	4
A	40	80	30	-	2
A	40	100	50	-	2
A	40	125	75	-	2
A	40	160	110	-	2
A	40	200	150	-	2
A	40	200	150	-	2
A	50	80	30	-	2
A	50	100	50	-	2
A	50	125	75	-	2
A	50	160	110	-	2
A	50	200	150	-	2
A	50	225	175	-	2
B	50	250	60	80	4
B	50	300	80	90	4

2220. Guides plate, VDI 3357
2220. 导板, VDI 3357

形状	b	a	e	e ₁	螺栓孔数量
B	50	350	100	100	4
B	50	400	120	110	4
A	60	80	30	-	2
A	60	100	50	-	2
A	60	125	75	-	2
A	60	160	110	-	2
A	60	200	150	-	2
A	60	225	175	-	2
B	60	240	60	70	4
B	60	250	60	80	4
B	60	260	60	90	4
B	60	280	60	110	4
A	80	80	30	-	2
A	80	100	50	-	2
A	80	125	75	-	2
A	80	160	110	-	2
A	80	200	150	-	2
A	80	225	175	-	2
B	80	240	60	70	4
B	80	250	60	80	4
B	80	260	60	90	4
B	80	280	60	110	4
B	100	240	60	70	4
B	100	260	60	90	4
B	100	280	60	110	4



Order 订购

Catalog No. 目录号

b

a

厚度

2220
2520

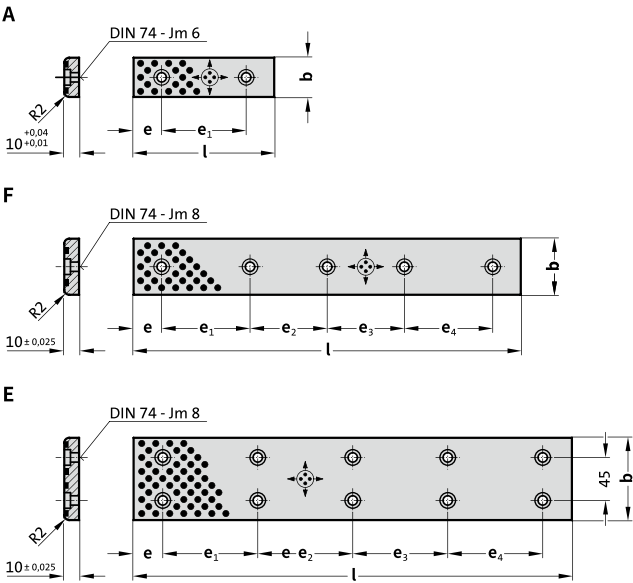
030
030

080
080

012
012



2221.



Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant

2221. Self-lubricating guide plate 2221. 自润滑导板								
形状	b	l	e	e ₁	e ₂	e ₃	e ₄	螺栓孔数量
A	18	75	15	45	-	-	-	2
A	18	100	25	50	-	-	-	2
A	18	125	25	75	-	-	-	2
A	18	150	25	100	-	-	-	2
A	28	75	15	45	-	-	-	2
A	28	10	25	50	-	-	-	2
A	28	125	25	75	-	-	-	2
A	28	150	25	100	-	-	-	2
F	35	100	20	60	-	-	-	2
F	35	150	20	55	55	-	-	3
F	35	200	20	55	50	55	-	4
F	35	250	20	70	70	70	-	4
F	35	300	20	65	65	65	65	5
F	35	350	20	80	75	75	80	5
A	38	75	15	45	-	-	-	2
A	38	100	25	50	-	-	-	2
A	38	125	25	75	-	-	-	2
A	38	150	25	100	-	-	-	2

2221. Self-lubricating guide plate 2221. 自润滑导板								
形状	b	l	e	e ₁	e ₂	e ₃	e ₄	螺栓孔数量
A	48	75	15	45	-	-	-	2
A	48	100	25	50	-	-	-	2
A	48	125	25	75	-	-	-	2
A	48	150	25	100	-	-	-	2
F	50	100	20	60	-	-	-	2
F	50	200	20	55	50	55	-	4
F	50	250	20	70	70	70	-	4
F	50	300	20	65	65	65	65	5
F	50	350	20	80	75	75	80	5
F	50	400	20	90	90	90	90	5
E	75	150	20	110	-	-	-	4
E	75	200	20	80	80	-	-	6
E	75	250	20	105	105	-	-	6
E	75	300	20	85	90	85	-	8
E	75	400	20	120	120	120	-	8
E	75	500	20	115	115	115	115	10

2226
2526

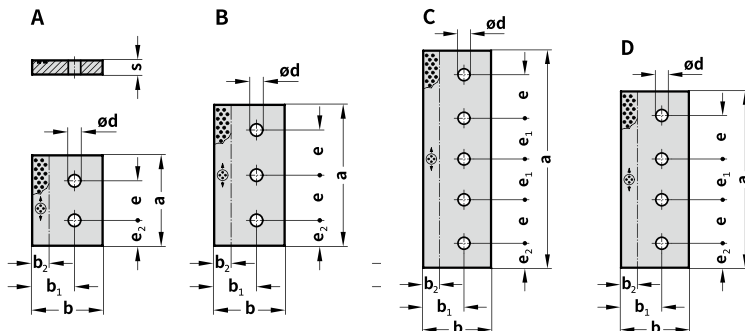
Wedge self-lubricating guide plate
斜楔自润滑导板



2226



2526



Material 材料:

2226: CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant

2526: 钢 Steel+ 固体润滑剂 Solid lubricant

Description 说明:

2526: 表面高频处理 Surface high frequency processing

硬度 Hardness:

2226: $\geq 210\text{HB}$

2526: 55~60HRC

2226. /2526. Wedge self-lubricating guide plate
2226. /2536. 斜楔自润滑导板

形状	b	s	a	b2	b1	d	e	e ₁	e ₂	螺栓孔数量
A	35	10	160	10	20	11	70	-	45	2
A	35	10	200	10	20	11	110	-	45	2
B	35	10	250	10	20	11	80	-	45	3
A	45	10	160	15	30	13.5	70	-	45	2
A	45	15	200	15	30	13.5	110	-	45	2
B	45	15	250	15	30	13.5	80	-	45	3
A	55	15	160	20	35	17.5	70	-	45	2
A	55	15	200	20	35	17.5	110	-	45	2
B	55	15	250	20	35	17.5	80	-	45	3
A	75	25	160	25	40	17.5	70	-	45	2
A	75	25	200	25	40	17.5	110	-	45	2
B	75	25	250	25	40	17.5	80	-	45	3
B	85	28	240	30	60	22	95	-	25	3
D	85	28	300	30	60	22	85	80	25	4
D	85	28	350	30	60	22	100	100	25	4
D	85	28	400	30	60	22	115	120	25	4
C	85	28	450	30	60	22	100	100	25	5
A	85	30	160	30	60	22	70	-	45	2
A	85	30	200	30	60	22	110	-	45	2
B	85	30	250	30	60	22	80	-	45	3
B	85	30	300	30	60	22	105	-	45	3
B	85	30	350	30	60	22	130	-	45	3
C	85	30	400	30	60	22	80	75	45	5
A	100	25	160	30	60	17.5	70	-	45	2

2226. /2526. Wedge self-lubricating guide plate
2226. /2536. 斜楔自润滑导板

形状	b	s	a	b2	b1	d	e	e ₁	e ₂	螺栓孔数量
A	100	25	200	30	60	17.5	110	-	45	2
B	100	25	250	30	60	17.5	80	-	45	3
C	100	25	400	30	60	17.5	80	75	45	5
A	100	30	160	30	60	22	70	-	45	2
A	100	30	200	30	60	22	110	-	45	2
B	100	30	250	30	60	22	80	-	45	3
C	100	30	400	30	60	22	80	75	45	5
A	125	25	160	30	75	17.5	70	-	45	2
A	125	25	200	30	75	17.5	110	-	45	2
B	125	25	250	30	75	17.5	80	-	45	3
D	125	25	300	30	80	26	85	80	25	4
D	125	25	350	30	80	26	100	100	25	4
D	125	25	400	30	80	26	115	120	25	4
C	125	25	400	30	75	17.5	80	75	45	5
C	125	25	450	30	80	26	100	100	25	5
C	125	25	500	30	80	26	110	115	25	5
A	125	30	160	30	75	22	70	-	45	2
A	125	30	200	30	75	22	110	-	45	2
B	125	30	250	30	75	22	80	-	45	3
B	125	30	300	30	75	22	105	-	45	3
B	125	30	350	30	75	22	130	-	45	3
C	125	30	400	30	75	22	80	75	45	5
C	125	30	450	30	75	22	80	95	50	5
C	125	30	500	30	75	22	80	120	50	5



Order 订购

Catalog No. 目录号

2226
2526

b

035
035

a

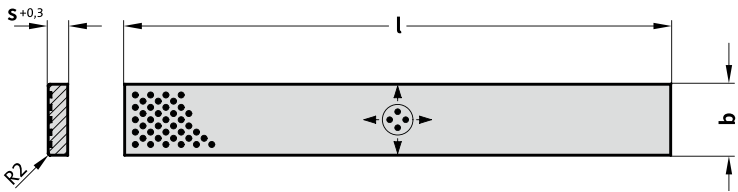
160
160

s

010
010



2232.



Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant

2232. Self-lubricating guide plate without fixing hole
2232. 无固定孔自润滑导板

b	s	l	l	l
		305	605	1005
20	4	●		
25	5	●		
30	4	●		
30	6	●		
30	8	●	●	
30	10	●	●	●
30	12	●	●	●
35	10	●	●	
40	5	●	●	
40	6	●	●	●
40	8	●	●	●
40	10	●	●	●
40	12		●	●
40	16		●	●
50	10	●	●	●
50	12		●	●
50	20		●	●
60	12		●	●
60	16		●	●
80	10	●	●	●
80	12		●	●
80	16		●	●
80	20		●	●
80	25		●	●
100	16		●	●
100	20		●	●
100	25		●	●
125	20		●	●
125	25		●	●
160	25		●	●

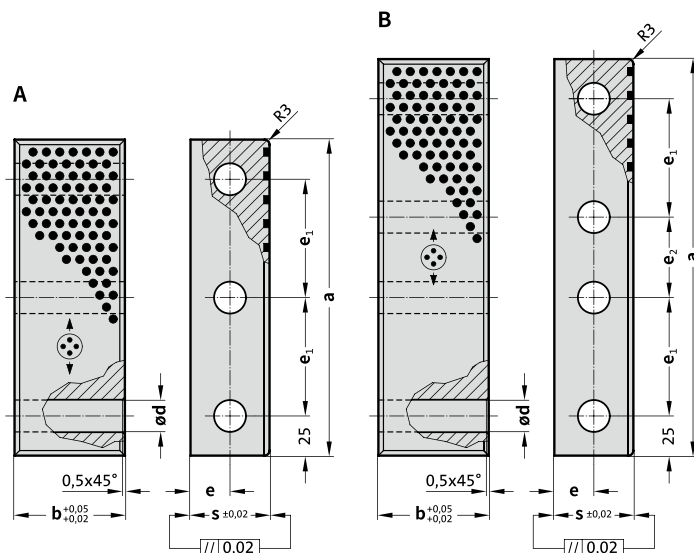
2243

Side self-lubricating guide plate

侧面自润滑导板



2243.



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant

2243. Side self-lubricating guide plate

2243. 侧面自润滑导板

形状	b	a	s	e	e1	e2	d	螺栓孔数量
A	30	150	40	20	50	-	14	3
A	30	200	40	20	75	-	14	3
B	30	250	40	20	75	50	14	4
A	40	150	40	20	50	-	14	3
A	40	200	40	20	75	-	14	3
B	40	250	40	20	75	50	14	4
A	45	150	50	25	50	-	18	3
A	45	200	50	25	75	-	18	3
B	45	250	50	25	75	50	18	4
A	5	150	50	25	50	-	18	3
A	5	200	50	25	75	-	18	3
B	5	250	50	25	75	50	18	4
A	60	150	50	25	50	-	18	3
A	60	200	50	25	75	-	18	3
B	60	250	50	25	75	50	18	4
A	70	150	50	25	50	-	18	3
A	70	200	50	25	75	-	18	3
B	70	250	50	25	75	50	18	4



Order 订购

Catalog No. 目录号

2243

b

030

a

150

s

040

2244

Three-sided self-lubricating guide plate
三面自润滑导板

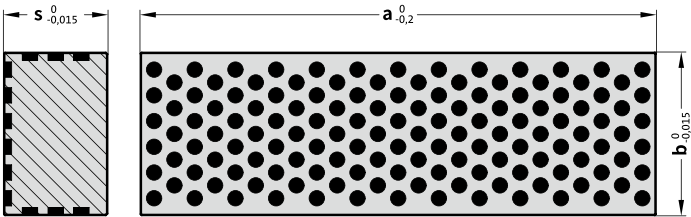


2244.



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2244. Three-sided self-lubricating guide plate
2244. 三面自润滑导板

b	a	s
25	80	16
25	100	16
25	125	16
40	125	25
40	160	25
40	200	25
63	200	40
63	250	40
63	315	40



Order 订购

Catalog No. 目录号

2244

.

b

025

.

a

080

.

s

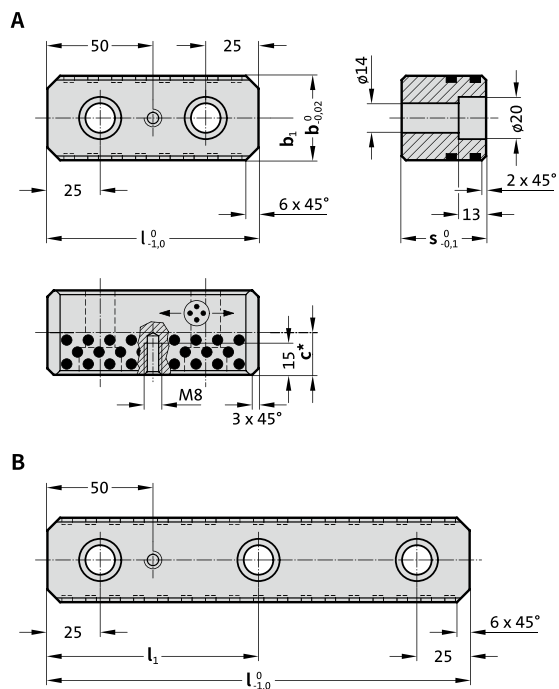
016

2245.



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2245. Two sides, self-lubricating guide plate

2245. 两侧面，自润滑导板

形状	b	l	s	b1	l1	c*	螺栓孔数量
A	30	100	30	15	-	18	2
A	30	150	30	15	-	18	2
B	30	200	30	15	100	18	3
B	30	150	30	15	125	18	3
B	30	300	30	15	150	18	3
B	30	350	30	15	175	18	3
A	40	100	30	20	-	18	2
A	40	150	30	20	-	18	2
B	40	200	30	20	100	18	3
B	40	250	30	20	125	18	3
B	40	300	30	20	150	18	3
B	40	350	30	20	175	18	3
A	40	100	40	20	-	20	2
A	40	150	40	20	-	20	2
B	40	200	40	20	100	20	3
B	40	250	40	20	125	20	3
B	40	300	40	20	150	20	3
B	40	350	40	20	175	20	3

Inlaid solid lubricant area 镶嵌固态润滑剂区域



Order 订购

Catalog No. 目录号

2245

b

030

l

100

s

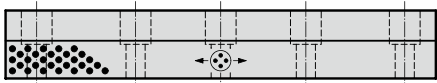
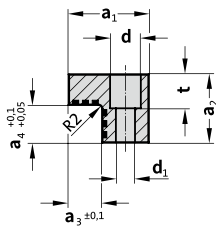
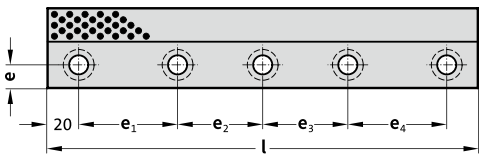
030

2260

L type self-lubricating guide plate
L 型自润滑导板



2260.



Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant

2260. L type self-lubricating guide plate
2260. L 型自润滑导板

a ₁	l	a ₂	a ₃	a ₄	e	e ₁	e ₂	e ₃	e ₄	d	d1	t	螺栓孔数量
26	100	20	8	10	9	60	-	-	-	15	9	9.6	2
26	150	20	8	10	9	55	55	-	-	15	9	9.9	3
26	200	20	8	10	9	55	50	55	-	15	9	9.6	4
32	100	30	10	15	11	60	-	-	-	-	11	-	2
32	150	30	10	15	11	55	55	-	-	-	11	-	3
32	200	30	10	15	11	55	50	55	-	-	11	-	4
32	250	30	10	15	11	70	70	70	-	-	11	-	4
50	200	45	22	25	14	55	50	55	-	18	11	25	4
50	250	45	22	25	14	70	70	70	-	18	11	25	4
50	300	45	22	25	14	65	65	65	65	18	11	25	5
50	350	45	22	25	14	80	75	75	80	18	11	25	5

 Order 订购

Catalog No. 目录号

a₁

l

a₂

2260 . 026 . 100 . 020

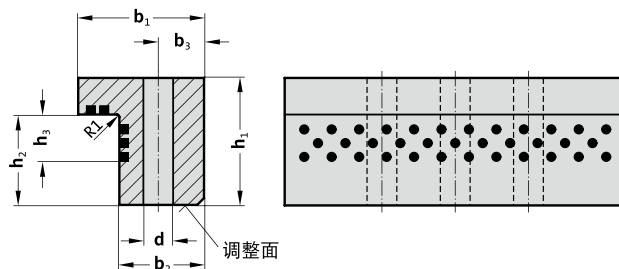
2263

L type self-lubricating guide plate

L 型自润滑导板

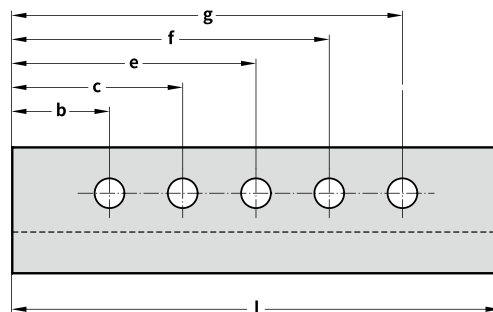


2263.



Material 材料:

CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2263. L type self-lubricating guide plate

2263. L 型自润滑导板

b1	l	h1	b2	b3	h2	h3	b	c	e	f	g	d	螺栓孔数量
25	125	15.5	18	9	8.5	6	27.5	-	-	-	97.5	9	2
25	160	15.5	18	9	8.5	6	27.5	-	-	-	123.5	9	2
32	125	30.5	22	11	15.5	9	27.5	-	-	-	97.2	11	2
32	160	30.5	22	11	15.5	9	27.5	-	-	-	132.5	11	2
32	200	30.5	22	11	15.5	9	27.5	-	-	-	172.5	11	2
45	100	50.5	30	15	34.5	18	27.5	-	-	-	72.5	13.5	2
45	160	50.5	30	15	34.5	18	27.5	-	-	-	132.5	13.5	2
50	100	55.5	37	20	39.5	23	27.5	-	-	-	72.5	13.5	2
50	160	55.5	37	20	39.5	23	27.5	-	-	-	132.5	13.5	2
70	160	75.5	50	30	55.5	35	35	-	-	-	125	17.5	2
70	200	75.5	50	30	55.5	35	35	-	-	-	165	17.5	2
70	250	75.5	50	30	55.5	35	35	-	125	-	215	17.5	3
70	400	75.5	50	30	55.5	35	35	125	200	275	365	17.5	5
85	160	90.5	63	38	65.5	45	42.5	-	-	-	117.5	22	2
85	200	90.5	63	38	65.5	45	42.5	-	-	-	157.5	22	2
85	250	90.2	63	38	65.5	45	42.5	-	125	-	207.5	22	3
85	400	90.5	63	38	65.5	45	42.5	125	200	275	357.5	22	5



Order 订购

Catalog No. 目录号

2263

b1

025

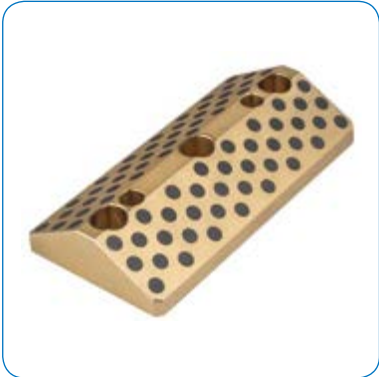
l

125

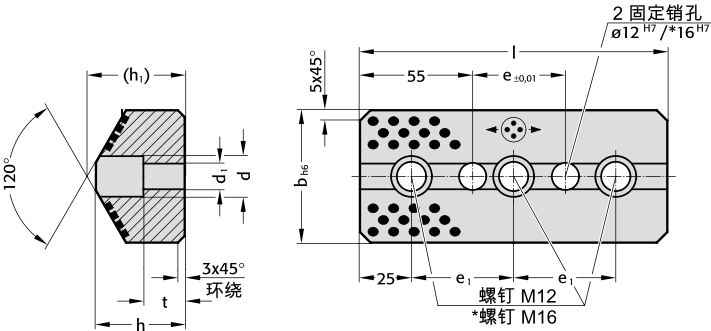
h1

15.5

2280.



Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



2280. Wedge self-lubricating V-shaped guide plate, VDI3357
2280. 斜楔自润滑 V 型导向板，VDI3357

b	h	(h1)	h3	l	e	e ₁	d	d1	t	螺栓孔数量
65	44	(47)	65	150	45	100	20	13.5	20	2
65	44	(47)	65	200	95	150	20	13.5	20	2
65	44	(47)	65	250	145	100	20	13.5	20	3
65	44	(47)	65	300	195	125	20	13.5	20	3
125	47	(52)	85	150	45	100	26	17.5	15	2
125	47	(52)	85	200	95	150	26	17.5	15	2
125	47	(52)	85	250	145	100	26	17.5	15	3
125	47	(52)	85	300	195	125	26	17.5	15	3
125	52	(57)	85	150	45	100	26	17.5	15	2
125	52	(57)	85	200	95	150	26	17.5	15	2
125	52	(57)	85	250	145	100	26	17.5	15	3
125	52	(57)	85	300	195	125	26	17.5	15	3

Order 订购

Catalog No. 目录号

b

l

h

2280 . 065 . 150 . 044

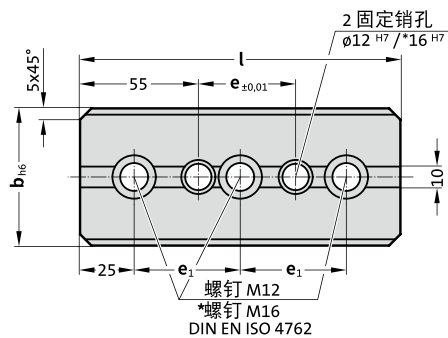
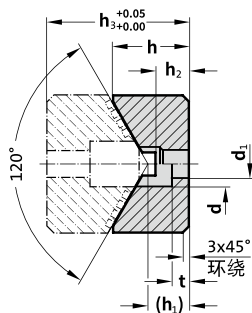
2580

Wedge V-shaped guide plate, VDI3357

斜楔 V 型导向板, VDI3357



2580.



Material 材料:

Steel 钢

Description 说明:

V 面表面高频处理

V surface high frequency processing

硬度 Hardness: 55-60HRC

2580. Wedge V-shaped guide plate, VDI3357

2580. 斜楔 V 型导向板, VDI3357

b	h	(h1)	h2	h3	l	e	e1	d	d1	t	螺栓孔数量
65	35	(18)	17	65	150	45	100	20	13.5	8	2
65	35	(18)	17	65	200	95	150	20	13.5	8	2
65	35	(18)	17	65	250	145	100	20	13.5	8	3
65	35	(18)	17	65	300	195	125	20	13.5	8	3
125	60	(33)	32	85	150	45	100	26	17.5	15	2
125	60	(33)	32	85	200	95	150	26	17.5	15	2
125	60	(33)	32	85	250	145	100	26	17.5	15	3
125	60	(33)	32	85	300	195	125	26	17.5	15	3
125	60	(28)	27	85	150	45	100	26	17.5	15	2
125	60	(28)	27	85	200	95	150	26	17.5	15	2
125	60	(28)	27	85	250	145	100	26	17.5	15	3
125	6	(28)	27	85	300	195	125	26	17.5	15	3



Order 订购

Catalog No. 目录号

2580

b

065

l

150

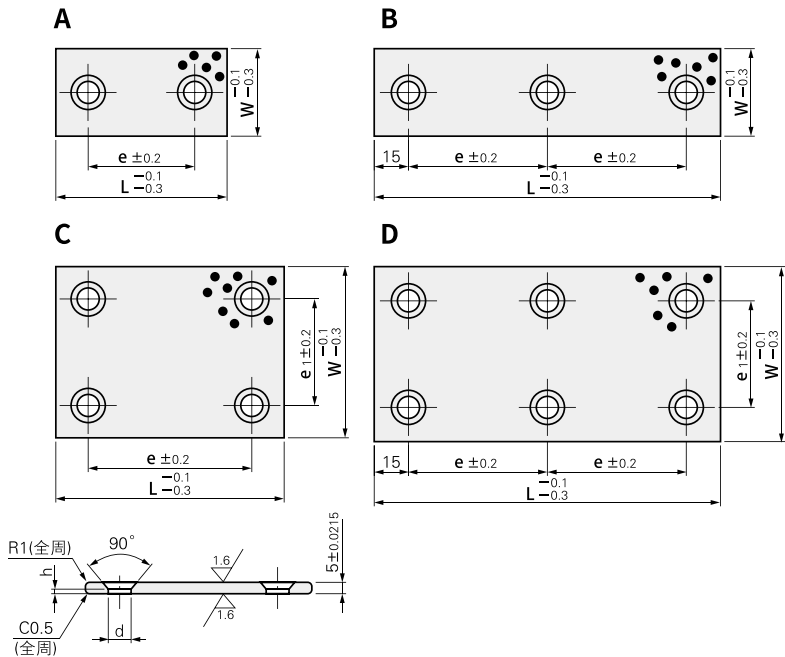
h

035



2230

Material 材料:
CuZn25Al5Fe3Mn3 + 固体润滑剂 Solid lubricant



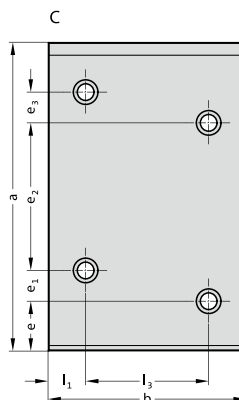
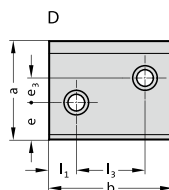
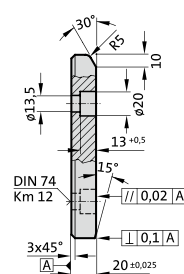
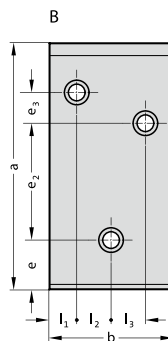
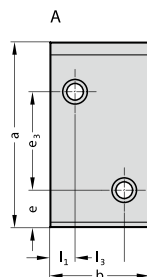
2230. Self-lubricating guide plate, Japanese standard							
2230. 自润滑导板, 日本标准							
e	e1	d	h	W	L	螺栓孔数量	安装螺栓
20	-	6.5	1.0	18	50	A	M6
45	-	6.5	1.0	18	75	A	M6
70	-	6.5	1.0	18	100	A	M6
60	-	6.5	1.0	18	150	B	M6
20	-	10	0.8	28	50	A	M8
45	-	10	0.8	28	75	A	M8
70	-	10	0.8	28	100	A	M8
60	-	10	0.8	28	150	B	M8
20	-	10	0.8	38	50	A	M8
45	-	10	0.8	38	75	A	M8
70	-	10	0.8	38	100	A	M8
60	-	10	0.8	38	150	B	M8
45	-	10	0.8	48	75	A	M8
70	-	10	0.8	48	100	A	M8
90	-	10	0.8	48	120	A	M8
60	-	10	0.8	48	150	B	M8
45	45	10	0.8	75	75	C	M8
70	45	10	0.8	75	100	C	M8
95	45	10	0.8	75	125	C	M8
60	45	10	0.8	75	150	D	M8
70	70	10	0.8	100	100	C	M8
95	70	10	0.8	100	123	C	M8
60	70	10	0.8	100	150	D	M8

2510

Steel guide plate, NAAMS 钢导板, NAAMS



2510.



Material: 材料:

Steel 钢

Description 说明:

表面高频处理 Surface high frequency processing

硬度 Hardness: 55~60HRC

2510. Steel guide plate, NAAMS
2510. 钢导板, NAAMS

形状	b	a	l1	l2	l3	e	e ₁	e ₂	e ₃	螺栓孔数量
A	50	100	25	-	-	30	-	-	30	2
A	50	150	25	-	-	30	-	-	80	2
A	50	200	25	-	-	40	-	-	120	2
A	80	100	20	-	40	30	-	-	30	2
A	80	150	20	-	40	30	-	-	80	2
A	80	200	20	-	40	40	-	-	120	2
A	80	250	20	-	40	40	-	-	170	2
B	80	315	20	20	20	40	-	210	25	3
D	100	50	22	-	56	14	-	-	13	2
D	100	80	22	-	56	30	-	-	20	2
A	100	100	22	-	56	30	-	-	30	2
A	100	150	22	-	56	30	-	-	80	2
B	100	200	22	28	28	40	-	95	25	3

2510. Steel guide plate, NAAMS
2510. 钢导板, NAAMS

形状	b	a	l1	l2	l3	e	e ₁	e ₂	e ₃	螺栓孔数量
B	100	250	22	28	28	40	-	145	25	3
B	100	315	22	28	28	40	-	210	25	3
D	125	80	25	-	75	30	-	-	20	2
A	125	100	25	-	75	30	-	-	30	2
A	125	150	25	-	75	30	-	-	80	2
B	125	200	25	37	38	40	-	91	25	3
B	125	250	25	37	38	40	-	145	25	3
C	125	315	25	-	75	40	25	165	25	4
A	160	100	30	-	100	30	-	-	30	2
A	160	150	30	-	100	30	-	-	80	2
B	160	200	30	50	50	40	-	95	25	3
C	160	250	30	-	100	40	25	120	25	4
C	160	315	30	-	100	40	25	185	25	4



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2510

b

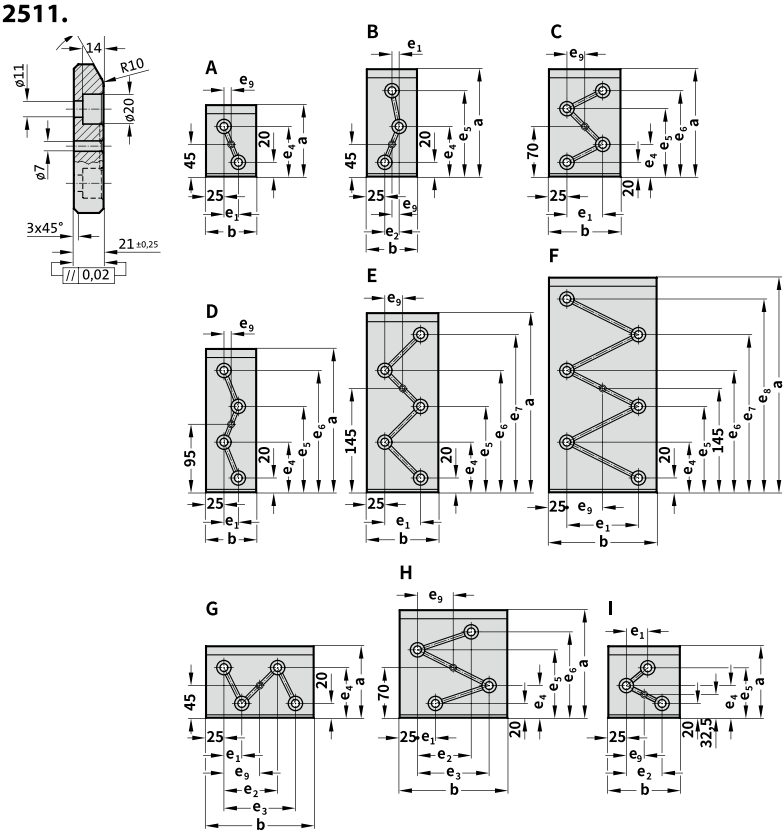
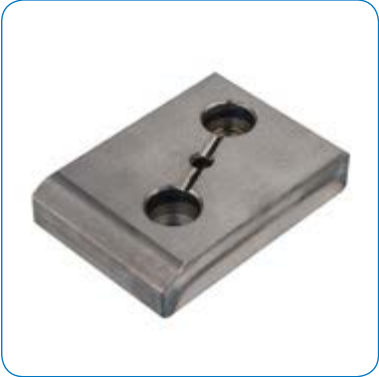
050

a

100

厚度

020



2960.44.45.

2511. Guides plate, steel with oil groove, CNOMO
2511. 钢 带油槽导板, CNOMO

形状	b	a	e ₁	e ₂	e ₃	e ₄	e ₅	e ₆	e ₇	e ₈	e ₉	螺栓孔数量
A	70	100	20	-	-	70	-	-	-	-	10	2
B	70	150	10	20	-	70	120	-	-	-	10	3
D	70	200	20	-	-	70	120	170	-	-	10	4
I	100	100	30	50	-	45	70	-	-	-	25	3
c	100	150	50	-	-	45	95	120	-	-	25	4
D	100	200	50	-	-	70	120	170	-	-	25	4
E	100	250	50	-	-	70	120	170	220	-	25	5
F	100	300	50	-	-	70	120	170	220	270	25	6
G	150	100	25	75	100	70	-	-	-	-	50	4
H	150	150	25	75	100	45	95	120	-	-	50	4
D	150	200	100	-	-	70	120	170	-	-	50	4
E	150	250	100	-	-	70	120	170	220	-	50	5
F	150	300	100	-	-	70	120	170	220	270	50	6
G	200	100	50	100	150	70	-	-	-	-	75	4

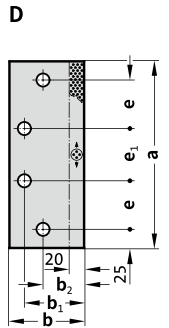
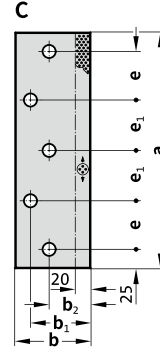
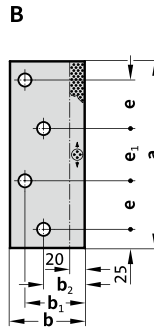
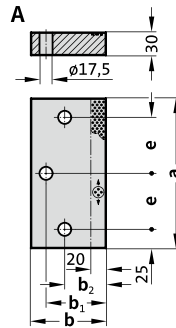
2512

Wedge, self-lubricating steel guide plate

斜楔，自润滑钢导板



2512.



Material: 材料:

Steel 钢 + 固体润滑剂

Description 说明:

表面高频处理 Surface high frequency processing

硬度 Hardnes: 55~60HRC

2512. Wedge, self-lubricating steel guide plate

2512. 斜楔，自润滑钢导板

形状	b	a	b1	b2	e	e ₁	螺栓孔数量
A	75	200	55	40	75	-	3
B	75	250	55	40	65	70	4
D	75	250	55	40	65	70	4
A	75	250	55	40	100	-	3
C	75	315	55	40	65	67.5	5
C	75	350	55	40	75	75	5
C	75	400	55	40	90	85	5
C	75	450	55	40	100	100	5
A	100	200	80	55	75	-	3
B	100	250	80	55	65	70	4
D	100	250	80	55	65	70	4
A	100	250	80	55	100	-	3
C	100	315	80	55	65	67.5	5
C	100	350	80	55	75	75	5
C	100	400	80	55	90	85	5
C	100	450	80	55	100	100	5

2512. Wedge, self-lubricating steel guide plate

2512. 斜楔，自润滑钢导板

形状	b	a	b1	b2	e	e ₁	螺栓孔数量
A	125	200	105	65	75	-	3
B	125	250	105	65	65	70	4
D	125	250	105	65	65	70	4
A	125	250	105	65	100	-	3
C	125	315	105	65	65	67.5	5
C	125	350	105	65	75	75	5
C	125	400	105	65	90	85	5
C	125	450	105	65	100	100	5
A	150	200	130	65	75	-	3
B	150	250	130	65	65	70	4
D	150	250	130	65	65	70	4
A	150	250	130	65	100	-	3
C	150	315	130	65	65	67.5	5
C	150	350	130	65	75	75	5
C	150	400	130	65	90	85	5
C	150	450	130	65	100	100	5



Order 订购

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2512

b

075

a

200

厚度

030

2540
2246

Self-lubricating guide plate, VDI 3387
自润滑导向板, VDI 3387



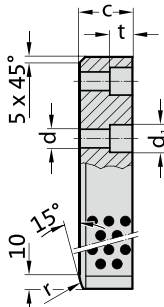
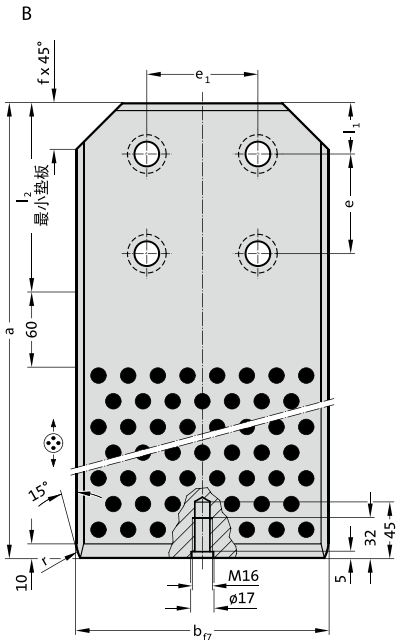
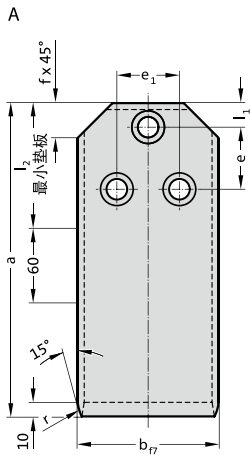
2540



2246



2540



Material 材料:
2540: Steel 钢
2246: CuZn25Al5Fe3Mn3 + 固体润滑剂
Solid lubricant
Description 说明:
2540: 石墨位置表面高频处理 Graphite
position surface high frequency processing
硬度 Hardnes:
2540: 55~60HRC
2246: ≥210HB

2540./2246. Self-lubricating guide plate, VDI 3387
2540./2246. 自润滑导向板, VDI 3387

形状	b	a	c	l1	l2	e	e ₁	d	d1	f	t	r	螺栓孔数量
A	63	180	36	20	90	50	36	14	20	18	16	16	3
A	63	200	36	20	90	50	36	14	20	18	16	16	3
A	63	224	36	20	90	50	36	14	20	18	16	16	3
A	71	180	36	20	90	50	36	14	20	18	16	16	3
A	71	200	36	20	90	50	36	14	20	18	16	16	3
A	71	224	36	20	90	50	36	14	20	18	16	16	3
A	90	200	45	20	100	50	50	18	26	28	21	25	3
A	90	224	45	20	100	50	50	18	26	28	21	25	3
A	90	250	45	20	100	50	50	18	26	28	21	25	3
A	112	200	45	20	100	50	50	18	26	28	21	25	3
A	112	224	45	20	100	50	50	18	26	28	21	25	3
A	112	250	45	20	100	50	50	18	26	28	21	25	3
B	140	315	45	40	150	80	90	22	33	36	25.5	25.5	4
B	140	400	45	40	150	80	90	22	33	36	25.5	25.5	4
B	140	400	56	40	150	80	90	22	33	36	25.5	25.5	4
B	190	400	56	40	150	80	90	22	33	36	25.5	25.5	4
B	240	500	56	40	250	160	160	26	40	36	30.5	30.5	4
B	240	630	56	40	250	160	160	26	40	36	30.5	30.5	4

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2540

2246

b

063

a

180

c

036

063

180

036

2570
2270

Wedge active plate, VDI 3357

斜楔主动板, VDI 3357



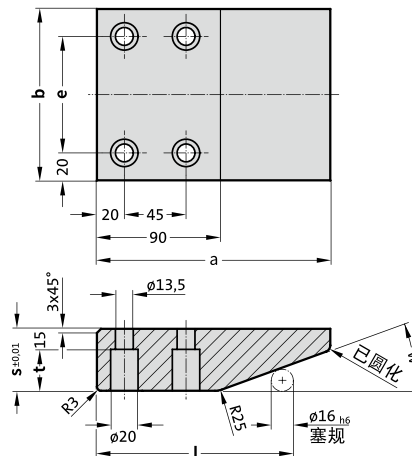
2570



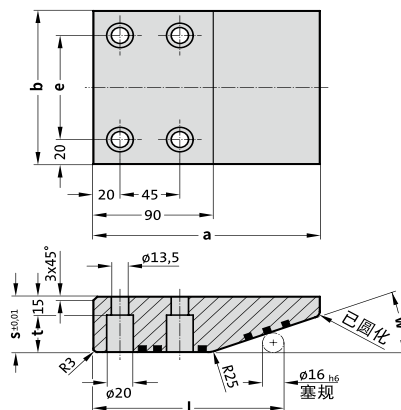
2270



2570.



2270.



Material 材料:

2570: Steel 钢

2270: CuZn25Al5Fe3Mn3 + 固体润滑剂

Description 说明:

2570: 表面高频处理 Surface high frequency processing

硬度 Hardnes:

2570: 55-60HRC

2270: ≥210HB

2570./2270. Wedge active plate, VDI 3357

2570./2270. 斜楔主动板 ,VDI 3357

b	a	s	e	t	w	l
100	170	45	60	30	20	143.37
125	170	45	85	30	20	143.37
150	170	45	110	30	20	143.34
200	170	45	160	30	20	143.37
100	150	45	60	30	30	127.86
100	170	60	60	45	30	127.86
125	150	45	85	30	30	127.86
125	170	60	85	45	30	127.86
150	150	45	110	30	30	127.86
150	170	60	110	45	30	127.86
200	150	45	160	30	30	127.86
200	170	60	160	45	30	127.86



Order 订购

Catalog No. 目录号

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