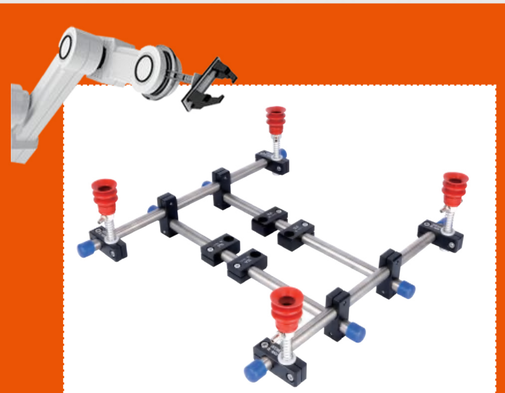
2023







JXD®
金信达五金

深圳市金信达五金制品有限公司
Shenzhen Jinxinda Hardware Products Co., Ltd

深圳市宝安区沙井街道马安山第二工业区38号104

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机械手·机器人末端工装夹具

EOAT-End Of Arm Tooling

2023版

深圳市金信达五金制品有限公司
Shenzhen Jinxinda Hardware Products Co., Ltd



公司简介
COMPANY INTRODUCTION

深圳市金信达五金制品有限公司自2010年成立以来，一直注重气动元件的生产，主要以气动行业为核心，从事机械手，机器人相关抓取治具及相关零部件的设计、开发、应用和销售为一体的企业。

主要生产销售自动化非标治具、各类夹具部品、各类硅橡胶真空吸盘及吸盘连接件等部品为主，并广泛地使用于塑胶、电子、食品包装、物品搬运等行业。产品主要销往中国大陆、韩国、日本、台湾、印尼、印度尼西亚、马来西亚等国家。

公司从成立开始始终以高品质、高精度、长寿命。少维护为设计理念，以不断满足客户需求为主要目标。力争打造最优秀的机械手配件供应商。

Since its establishment in 2010, Shenzhen Jinxinda Hardware Products Co., Ltd. has been focusing on

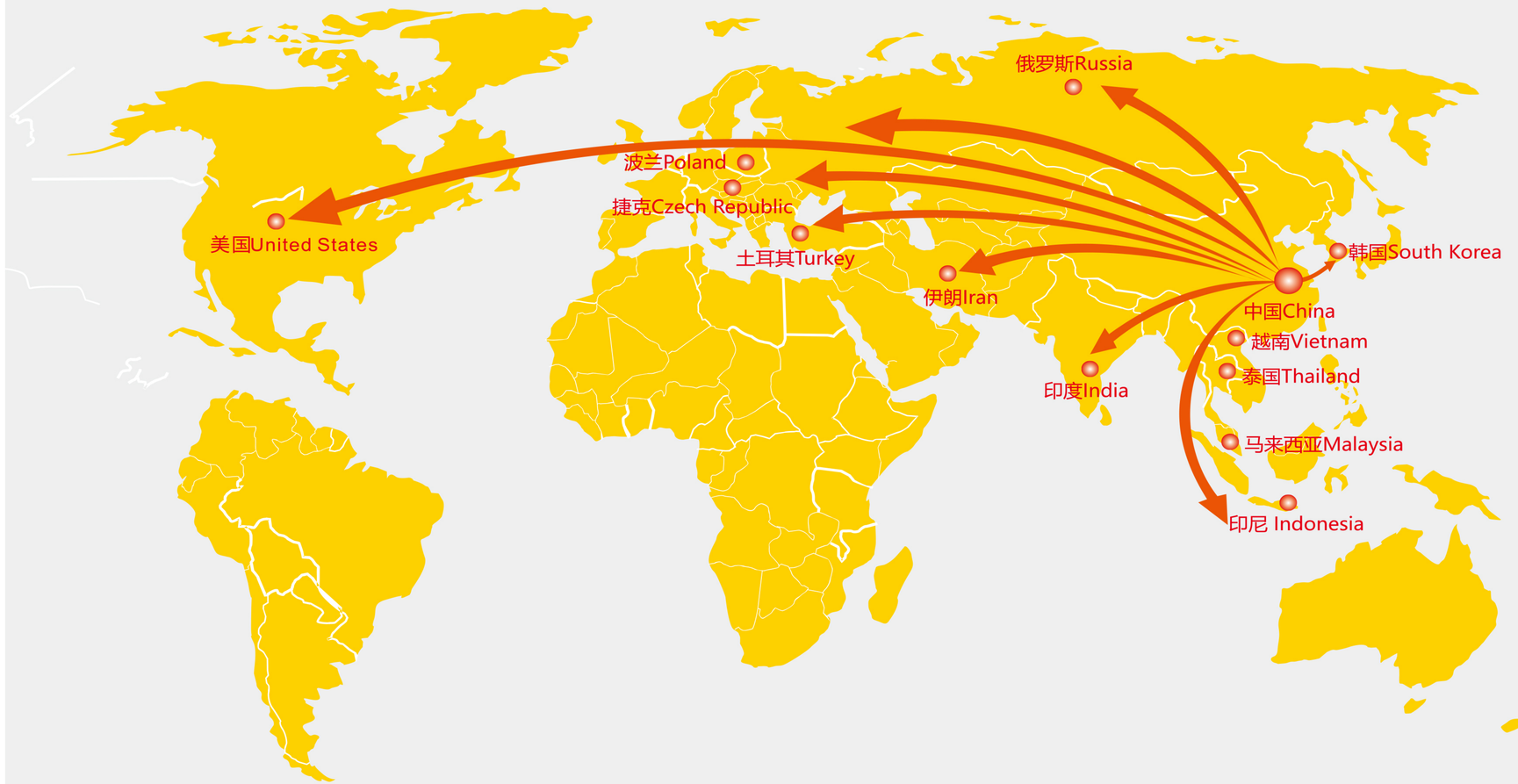
The production of pneumatic components mainly focuses on the pneumatic industry, engaging in mechanical arms and machines Integrating the design, development, application, and sales of human related grasping fixtures and related components A physical enterprise. Mainly producing and selling automated non-standard fixtures, various fixture components, and various silicone rubber products The main components are vacuum suction cups and suction cup connectors, which are widely used in plastics, electronics Food packaging, item handling, and other industries. The products are mainly sold to Chinese Mainland, South Korea and Japan

The company has always been committed to high quality, precision, and longevity since its establishment. Less maintenance set Our philosophy is to continuously meet customer needs as our main goal. Strive to create the best machine Robot parts supplier.





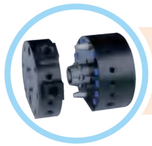
全球销售网络分布图
Global network sales location



JXD 金信达五金

深圳市金信达五金制品有限公司
Shenzhen Jinxinda Hardware Products Co., Ltd

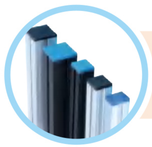
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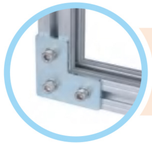

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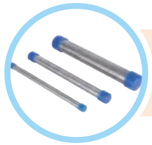

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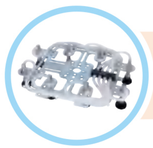

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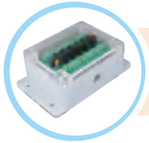

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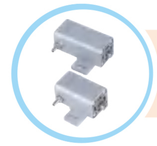

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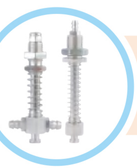

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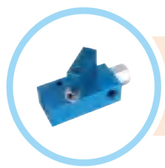

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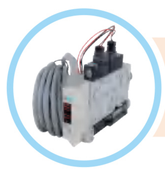

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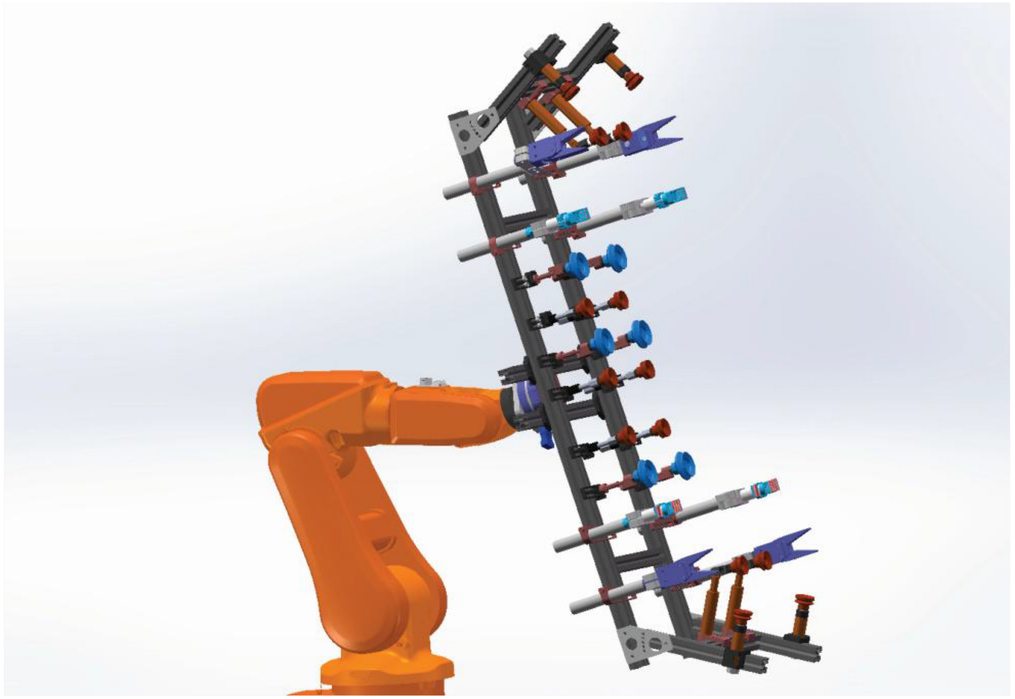

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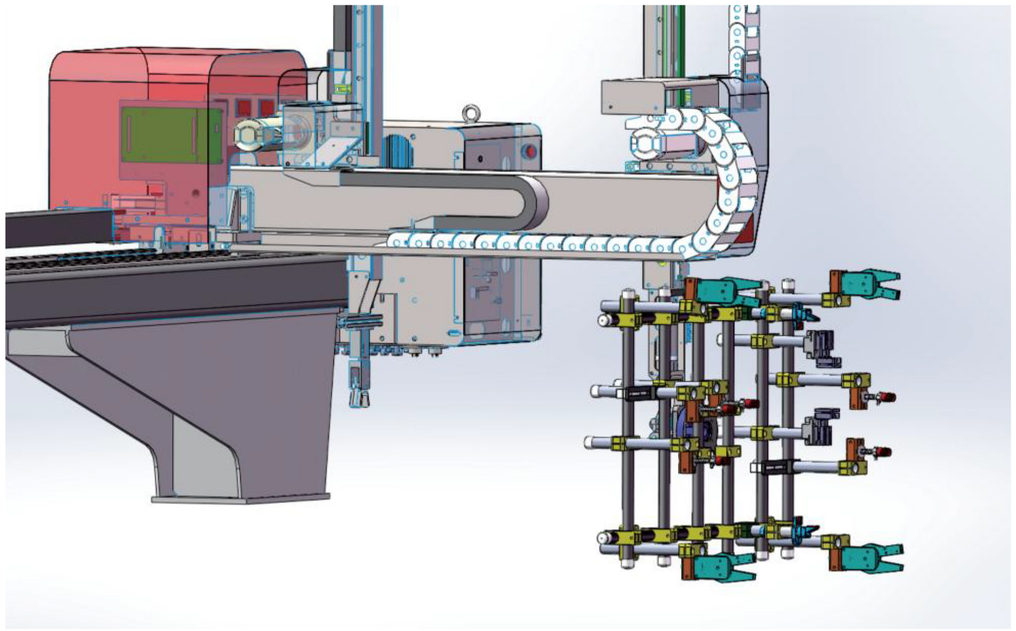

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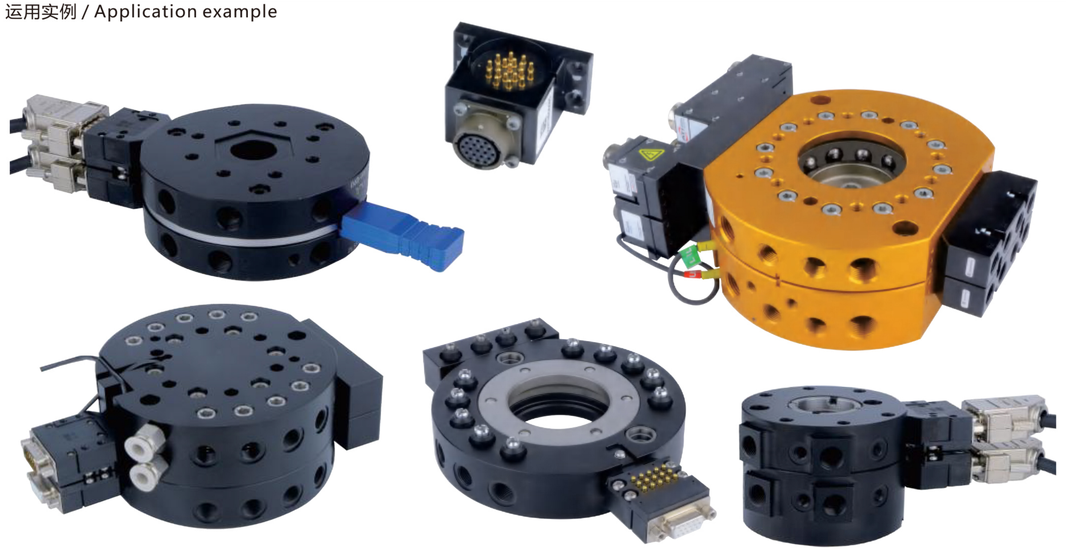
实用案例 Practical case





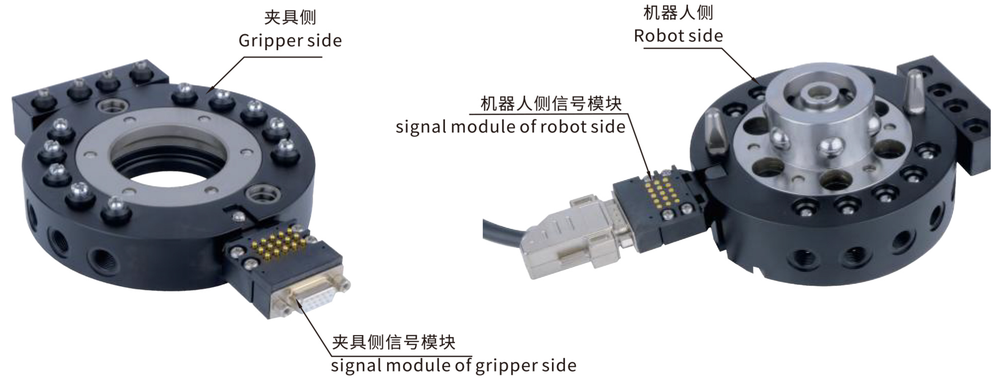
自动快速转换模块 Automatic fast conversion module

运用实例 / Application example



自动快速转换模块 Automatic fast conversion module

型号 Model	DL-KH50	DL-KH90	DL-KH200	DOX-15	DOX-35	DOX-100	DOX-200
建议负载 Recommended load	5KG	20KG	100KG	15KG	35KG	100KG	200KG
机器人侧 Robot side	DLKH-R50	DLKH-R90	DLKH-R200	DOX-15A	DOX-35A	DOX-100A	DOX-200A
夹具侧 Gripper side	DLKH-G50	DLKH-G90	DLKH-G200	DOX-15B	DOX-35B	DOX-100B	DOX-200B
产品重量 Product weight	200g	580g	4.6kg	0.6kg	1.6kg	5.3kg	9.2kg



自动快速转换模块 Automatic fast conversion module

运用实例 / Application example

产品参数/Parameter

1.最大额定载荷：15kg	1. Maximum rated load: 15kg
2.位置重复精度（X，Y&Z）：＜0.05mm	2. Position repetition accuracy (X,Y & Z):<0.05mm
3.机器人侧重量：0.4kg	3. Robot side weight: 0.4kg
4.夹具侧重量：0.2kg	4. Fixture side weight: 0.2kg
5.直通型气孔尺寸（数量）：8路 M5	5. Straight-through pore size (quantity):8-way M5

DOX-15



机器人侧
Robot side

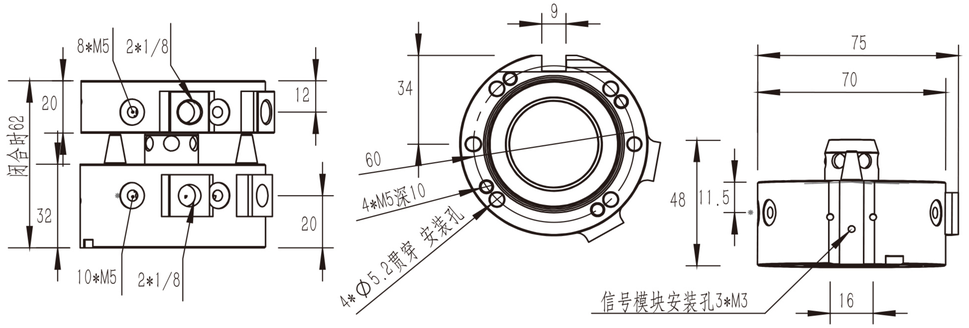
型号Model	DOX-15A
货号 No.	101551



夹具侧
Gripper side

型号Model	DOX-15B
货号 No.	101552



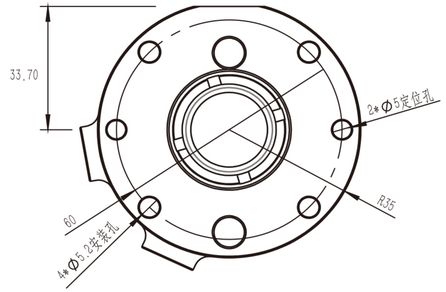


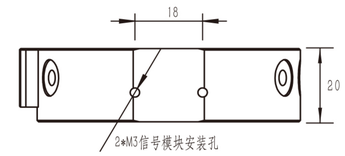
机器人侧图纸
Robot side drawing

自动快速转换模块 Automatic fast conversion module

运用实例 / Application example

夹具侧图纸
Gripper side drawing



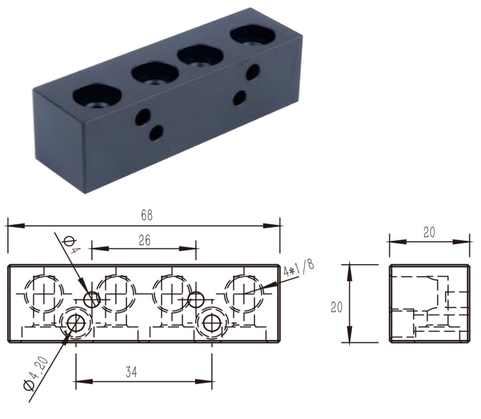




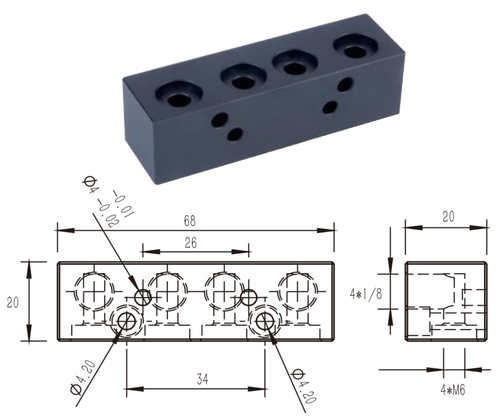


配套电器/Supporting electrical appliances

产品名称 Product name	型号 Model	电气接点 Electrical contact	对应连接线 Corresponding cable
机器人侧信号模块 Robot side signal module	CA-9AR	9芯	CB-9R
	CA-15AR	15芯	CB-15R
夹具侧信号模块 Gripper side signal module	CA-9BG	9芯	CB-9G
	CA-15BG	15芯	CB-15G



型号Model	DOX-35A-070
货号 No.	101580



型号Model	DOX-35B-030
货号 No.	101581

自动快速转换模块 Automatic fast conversion module

运用实例 / Application example

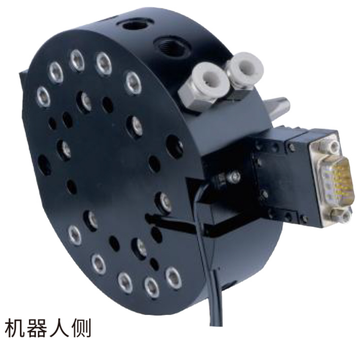
产品参数/Parameter

1.最大额定载荷:35kg	1. Maximum rated load: 35kg
2.位置重复精度(X,Y&Z):0.05mm以内	2. Position repetition accuracy (X,Y & Z): within 0.05mm
3.机器人侧重量:1.0kg	3. Robot side weight: 1.0kg
4.夹具侧重量:0.6kg	4. Fixture side weight: 0.6kg
5.直通型气孔尺寸(数量):10路 1/8	5. Straight-through pore size (quantity):10-way 1/8

双确认开关,确保百分百安全可靠
Double confirmation switch to ensure 100% safety and reliability

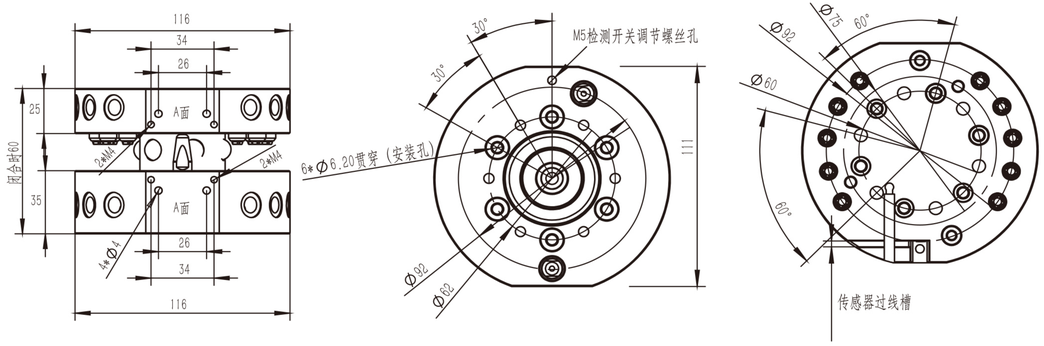
DOX-35





机器人侧
Robot side

型号 Model	货号 No.	信号检测 Signal detection
DOX-35A	101556	不带传感器
DOX-35A-N	101557	NPN
DOX-35A-P	101558	PNP



机器人侧图纸
Robot side drawing

自动快速转换模块 Automatic fast conversion module

运用实例 / Application example

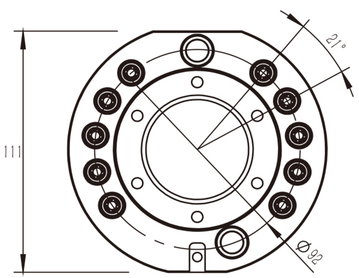


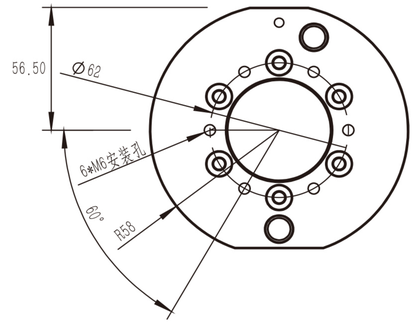
夹具侧
Gripper side



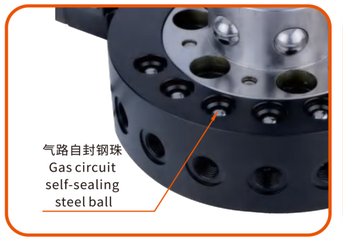
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货号 No.	101559

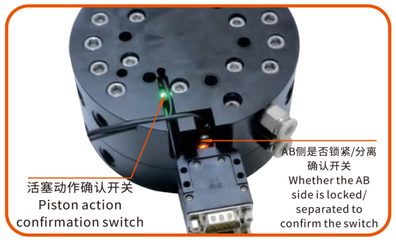
夹具侧图纸
Gripper side drawing











配套电器/Supporting electrical appliances

产品名称 Product name	型号 Model	电气接点 Electrical contact	对应连接线 Corresponding cable
机器人侧信号模块 Robot side signal module	CA-9AR	9芯	CB-9R
	CA-15AR	15芯	CB-15R
夹具侧信号模块 Gripper side signal module	CA-9BG	9芯	CB-9G
	CA-15BG	15芯	CB-15G

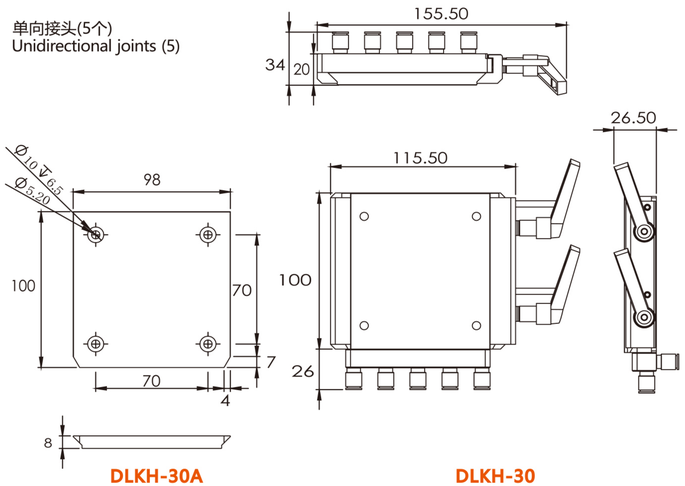
快速转换模块 Quick Change

运用实例 / Application example





单向接头(5个)
Unidirectional joints (5)

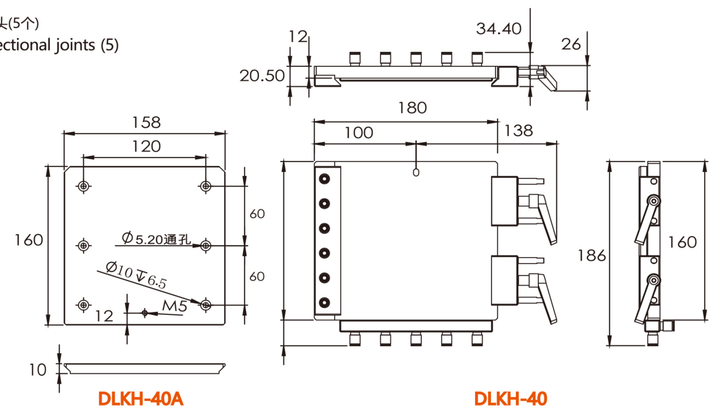


DLKH-30A　　DLKH-30

货号(No.)	型号(Model)	负载(Load)	重量/Weight
105111	DLKH-30	300N	500g
105112	DLKH-30A	300N	200g



单向接头(5个)
Unidirectional joints (5)



DLKH-40A　　DLKH-40

货号(No.)	型号(Model)	负载(Load)	重量/Weight
105113	DLKH-40	800N	1300g
105114	DLKH-40A	800N	650g

快速转换模块 Quick Change









快换使用示意图 Use example



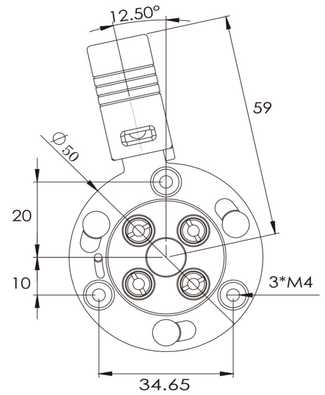
打开时需要向外拉出把手，方可移动
Pull out the handle when opening
Can be moved

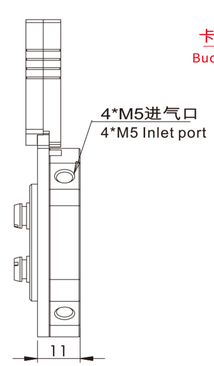


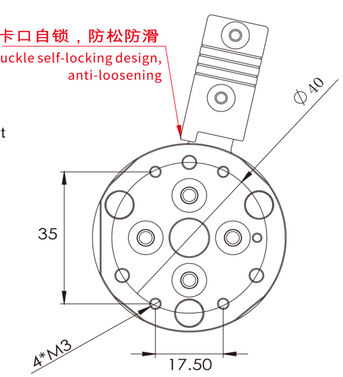
锁紧时用手扳动把手向锁紧方向移动
Use a hand to pull the handle when locking
Move towards the locking direction



锁紧时会听到咔嚓一声，证明锁紧
When locked, you will hear a click
Proof locking

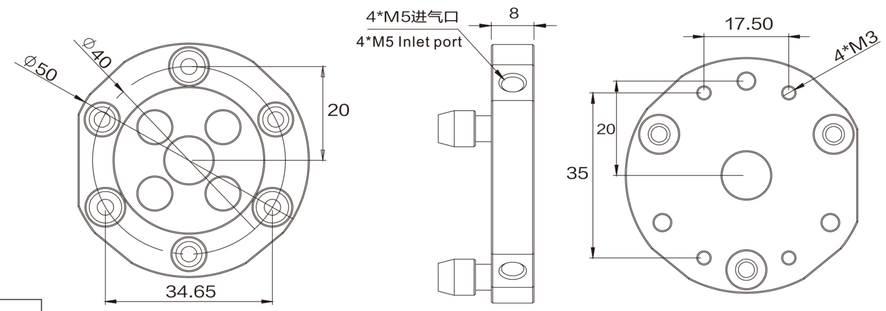




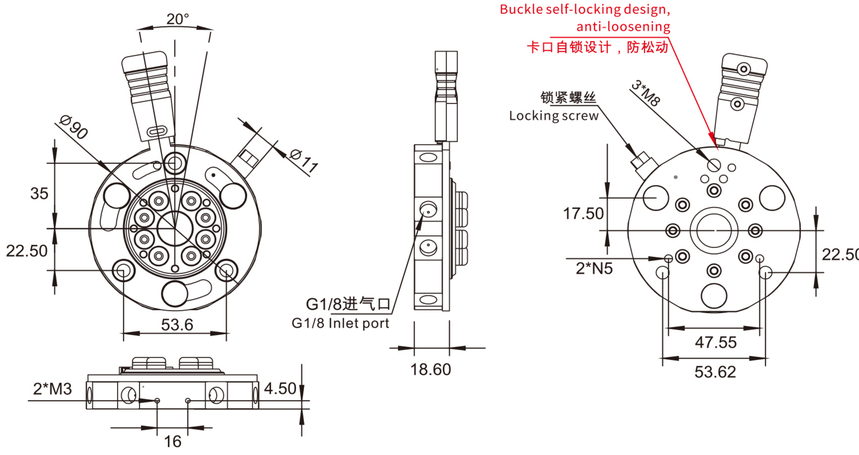


型号Model	DLKH-R50
货号 No.	105115

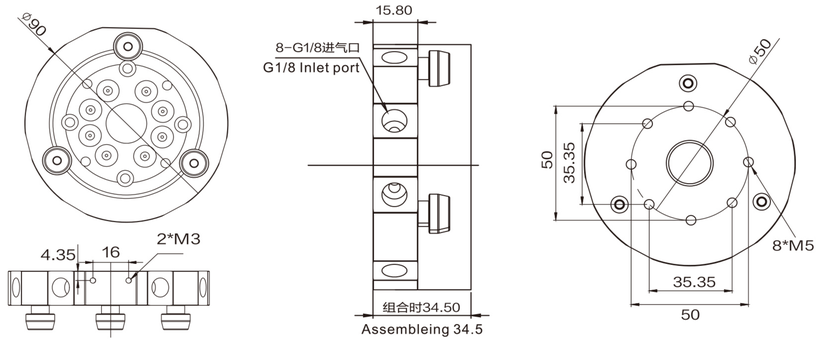
快速转换模块 Quick Change



型号Model	DLKH-G50
货号 No.	105116

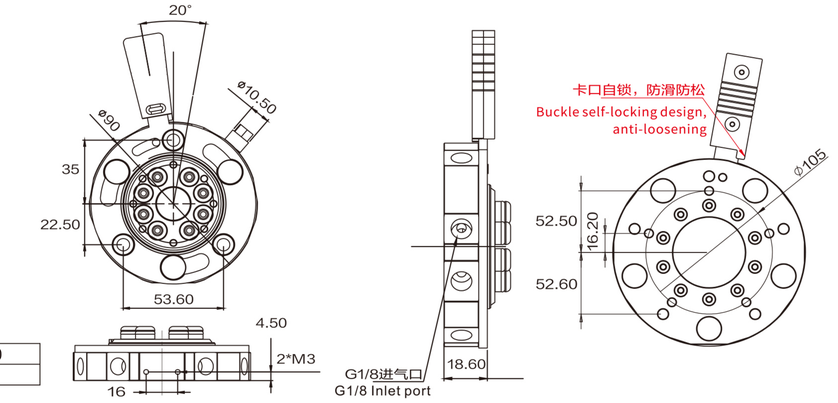


型号Model	DLKH-R90
货号 No.	105117

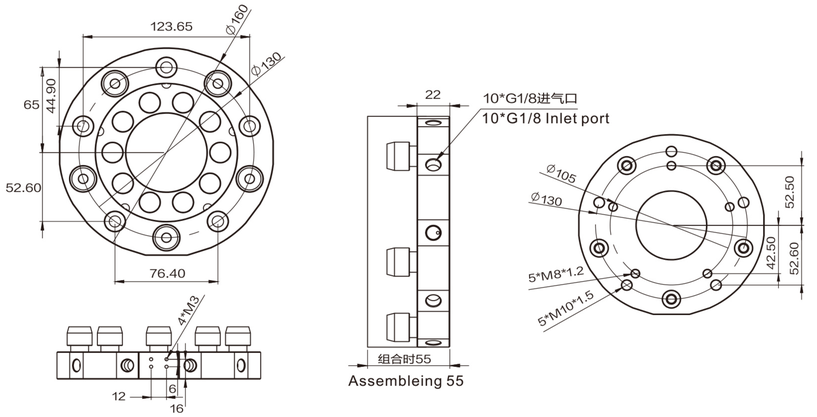


型号Model	DLKH-G90
货号 No.	105118

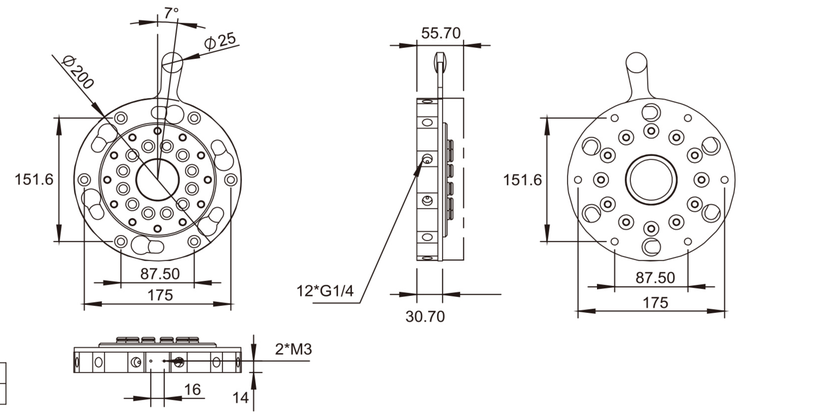
快速转换模块 Quick Change



型号Model	DLKH-R160
货号 No.	105119

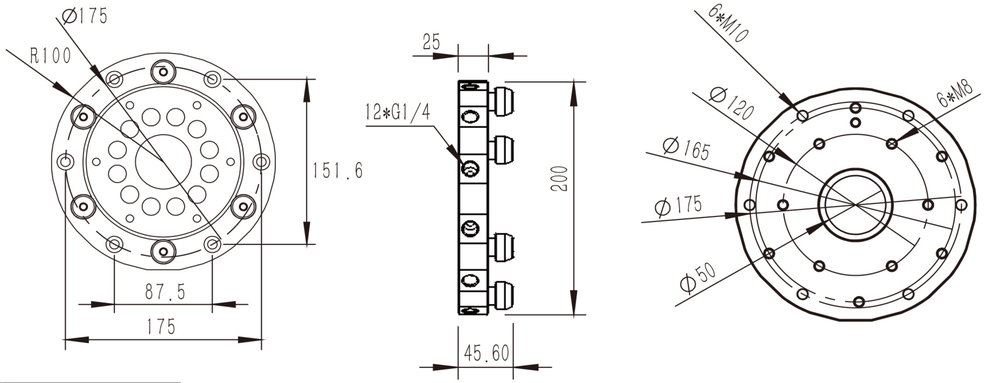


型号Model	DLKH-G160
货号 No.	105120



型号Model	DLKH-R200
货号 No.	105121

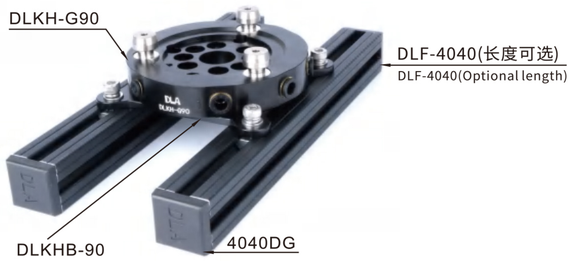
快速转换模块 Quick Change



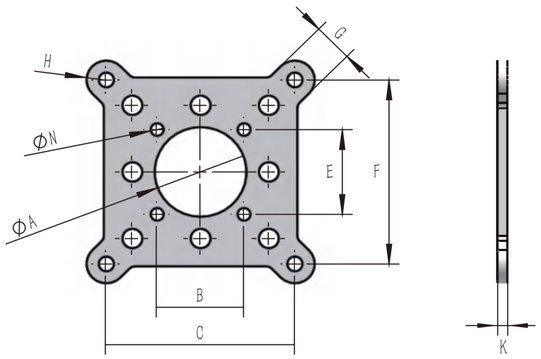
型号Model	DLKH-G200
货号 No.	105122

快速转换模块接口 Interface for KH changer

运用实例 / Application example







货号No.	105126	105127	105128
型号Model	DLKHB-90	DLKHB-160	DLKHB-200
A (mm)	Ø37	Ø70	Ø140
B (mm)	35	74	151.6
C (mm)	76	130	135
E (mm)	35	52	87.5
F (mm)	76	110	192
G (mm)	16	24	
H (mm)	Ø8	Ø12	Ø6.5
K (mm)	4	4	8
N (mm)	5.2	6.2	10.2

电气连接组件 Electrical connection modules

运用实例 / Application example







电气连接组件

15针D1mm。
两部分分开提供：
PMAQC/PAQC/MAQC/CAQC-机械手侧
PMBQC/PBQC/MBQC/CBQC-治具侧

Electrical connection modules

15pins Ø1mm。
The two parts are supplied separately:
PMAQC/PAQC/MAQC/CAQC-robot side
PMBQC/PBQC/MBQC/CBQC-gripper side

CAQC



CBQC



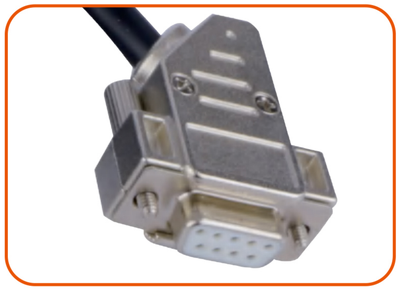
连接器 Connector

运用实例 / Application example

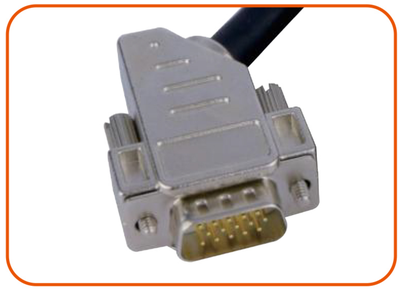


连接器 Connector

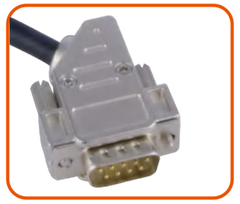
运用实例 / Application example



连接线公头



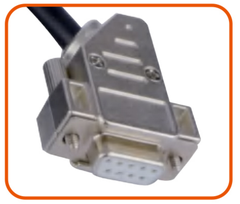
连接线母头



CB-9G



CB-15G



CB-9R

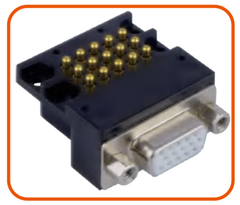


CB-15R

相配



CA-9BG



CA-15BG



CA-9AR



CA-15AR

货号 Parts	型号 Model	电气接点 Connecting Line
102331	CA-9AR	9芯
102332	CA-15AR	15芯
102333	CA-9BG	9芯
102334	CA-15BG	15芯
102335	CB-9R	9芯
102336	CB-15R	15芯
102337	CB-9G	9芯
102338	CB-15G	15芯

手动型快速交换用夹具（不锈钢制）

Manual Quick Switching Fixture(Stainless steel)

只需紧锁一颗螺丝，即可完成夹具交换。Fixture switching by simply locking one screw

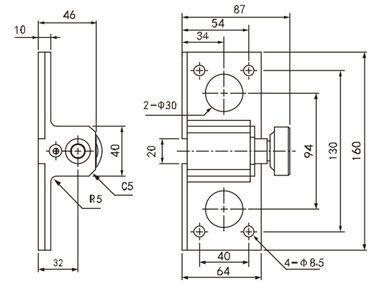
本体侧为不锈钢（SUS）材质、可以用在食品医疗行业。
The body side is stainless steel (SUS) material, which can be used in food and medical industry.



夹具快速交换金具
Fixture Quick Switching Fittings

型号Model	OC-LA
货号 No.	105223

铁制
重量：1.283g
安装位置：机械手侧
可搬重量：~35kg
安装后的厚度：59.5mm
Iron.
Weight: 1.283 g.
Installation position: manipulator side.
Removable weight: ~35kg.
Thickness after installation: 59.5mm

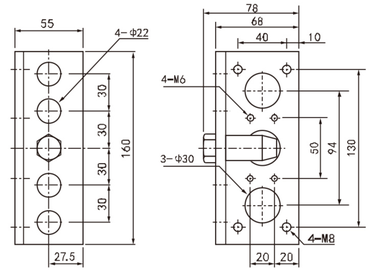




夹具快速交换金具
Fixture Quick Switching Fittings

型号Model	OC-LA II
货号 No.	105224

铁制
重量：1.000g
安装位置：机械手侧
可搬重量：~35kg
安装后的厚度：59.5mm
Iron.
Weight: 1.000 g.
Installation position: manipulator side.
Removable weight: ~35kg.
Thickness after installation: 59.5mm



手动型快速交换用夹具（超硬铝制）

Manual Quick Fixture Switching made of superhardaluminium

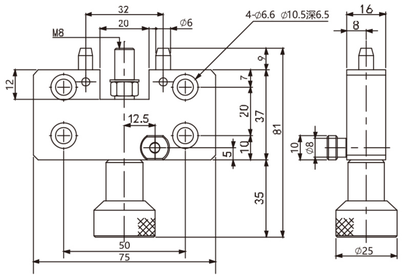
只需紧锁一颗螺丝，即可完成夹具交换。Fixture switching by simply locking one screw

延长了0A-SS的安装螺丝。
Extended 0A-SS mounting screws.



型号Model	OA-SSL
货号 No.	105225

超硬铝制
重量：165g
安装位置：机械手侧
可搬重量：~10kg
安装后的厚度：24mm
Super hard aluminum.
Weight: 165g.
Installation position: manipulator side.
Removable weight: ~10kg.
Thickness after installation: 24mm

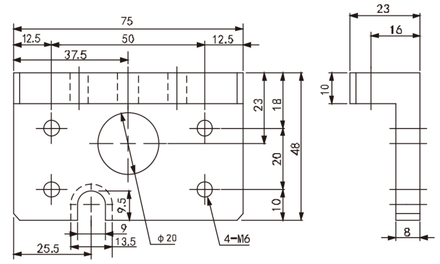


与OC型可以互相交换，机械手侧也可以使用OC型。
It can be exchanged with OC, and OC can also be used on the hand side.



型号Model	OA-SS I
货号 No.	105226

超硬铝制
重量：97g
安装位置：夹具侧
可搬重量：~10kg
安装后的厚度：24mm
Super hard aluminum.
Weight: 97g.
Installation position: fixture side.
Removable weight: ~10kg.
Thickness after installation: 24mm

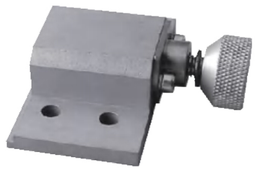


手动型快速交换用夹具（超硬铝制）

Manual Quick Fixture Switching made of superhardaluminium

只需紧锁一颗螺丝，即可完成夹具交换。
Fixture switching by simply locking one screw

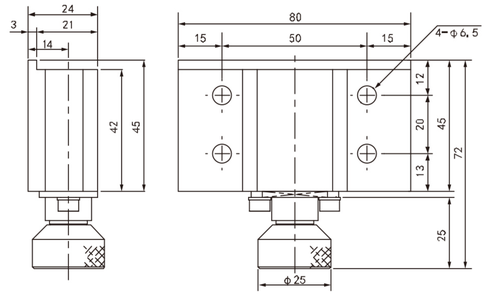
使用航空铝材，刚性优良。
The use of aviation aluminum, excellent rigidity.



型号Model	OA-SA
货号 No.	105227

超硬铝制
重量：156g
安装位置：机械手侧
可搬重量：~15kg
安装后的厚度：33mm

Super hard aluminum.
Weight: 156g.
Installation position: manipulator side.
Removable weight: ~15kg.
Thickness after installation: 33mm



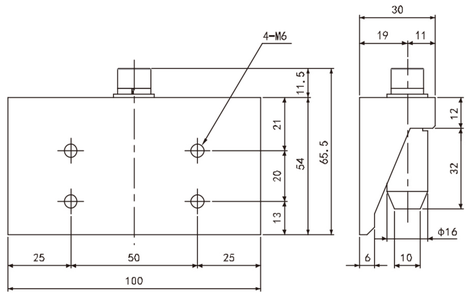
与OC型可以互换，机械手侧也可以使用OC型。
It can be exchanged with OC, and OC can also be used on the hand side.



型号Model	OA-SA I
货号 No.	105228

超硬铝制
重量：229g
安装位置：夹具侧
可搬重量：~15kg
安装后的厚度：33mm

Super hard aluminum.
Weight: 229g.
Installation position: fixture side.
Removable weight: ~15kg.
Thickness after installation: 33mm



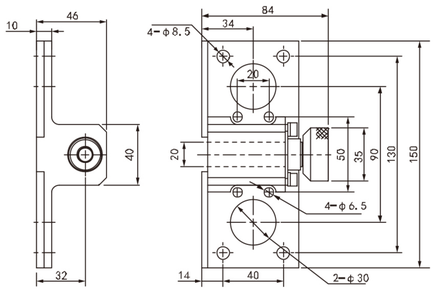
中型机上也可以安装
Also be installed on medium-sized machine



型号Model	OA1-LA
货号 No.	105229

超硬铝制
重量：495g
安装位置：机械手侧
可搬重量：~35kg
安装后的厚度：61mm

Super hard aluminum.
Weight: 495g.
Installation position: manipulator side.
Removable weight: ~35kg.
Thickness after installation: 61mm

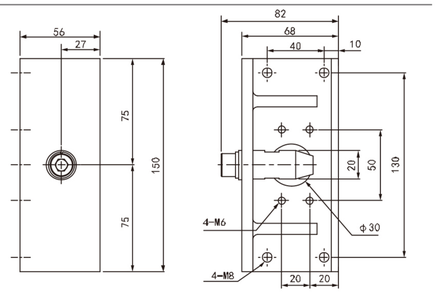




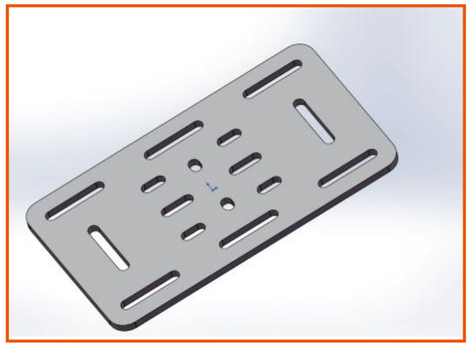
型号Model	OA-LA I
货号 No.	105230

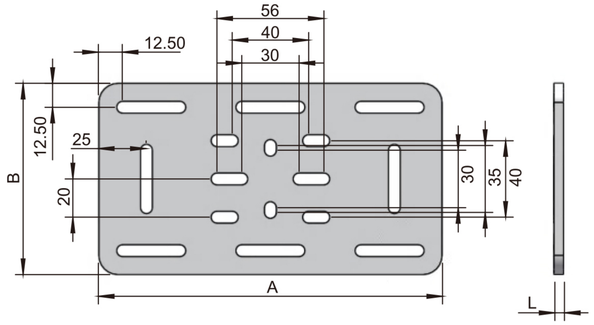
超硬铝制
重量：555g
安装位置：机械手侧
可搬重量：~35kg
安装后的厚度：61mm

Super hard aluminum.
Weight: 555g.
Installation position: manipulator side.
Removable weight: ~35kg.
Thickness after installation: 61mm



治具转换板 Fixture Connector

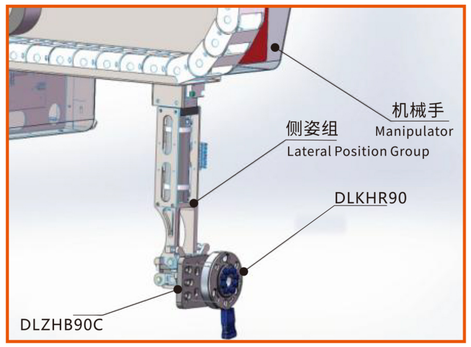


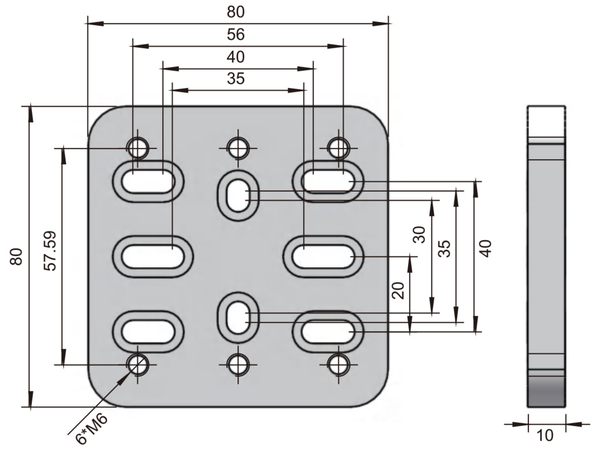


货号 No.	型号 Model	A(mm)	B(mm)	L(mm)
105261	DLZHB1810	180	100	5
105262	DLZHB3018	300	180	8

快换转换板 Quick Changer Connector

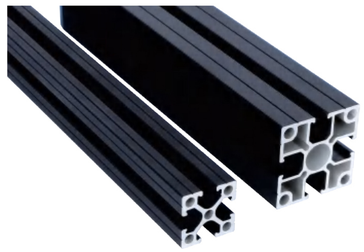


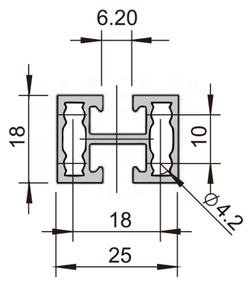




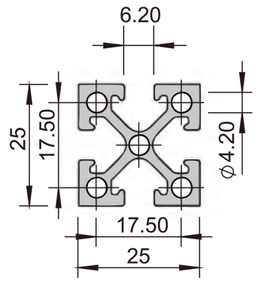
型号Model	DLZHB90C
货号 No.	105266

型材 Extruded Profiles

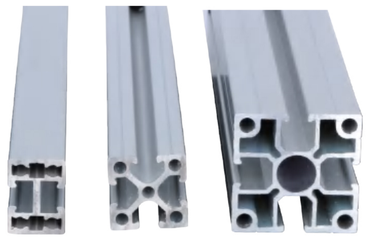


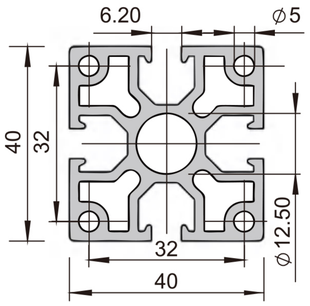


2518

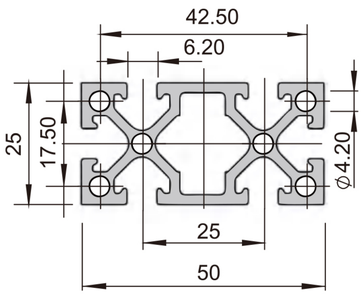


2525





4040



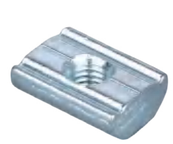
5025

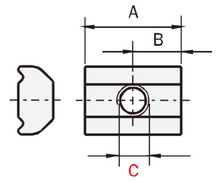


货号 NO.	型号 Model	颜色 Color	长度 Length	重量 Weight	端盖 Plugs
203401	DLB-2518-L1000	银色 Silver	1m	400g	2518DG
203402	DLB-2518-L2000	银色 Silver	2m	800g	2518DG
203403	DLB-2525-L1000	银色 Silver	1m	610g	2525DG
203404	DLB-2525-L2000	银色 Silver	2m	1220g	2525DG
203405	DLF-2525-L1000	黑色 Black	1m	610g	2525DG
203406	DLF-2525-L2000	黑色 Black	2m	1220g	2525DG
203407	DLB-5025-L1000	银色 Silver	1m	1040g	5025DG
203408	DLB-5025-L2000	银色 Silver	2m	2080g	5025DG
203413	DLB-4040-L1000	银色 Silver	1m	1300g	4040DG
203414	DLB-4040-L2000	银色 Silver	2m	2600g	4040DG
203415	DLF-4040-L1000	黑色 Black	1m	1300g	4040DG
203416	DLF-4040-L2000	黑色 Black	2m	2600g	4040DG

T型螺母 T-Nuts

运用实例 / Application example

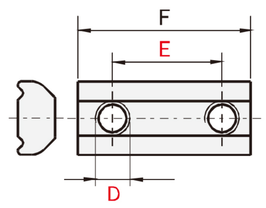




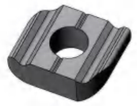
货号 No.	型号 Model	A(mm)	B(mm)	C(mm)	重量 Weight
203450	DL-177	15	7.5	M4	5g
203451	DL-025	15	7.5	M5	5g
203452	DL-178	15	7.5	M6	5g



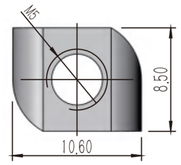
货号 No.	型号 Model	D(mm)	E(mm)	F(mm)	重量 Weight
203453	DL-003	M4	8	16	5g
203454	DL-006	M5	10	20	7g
203455	DL-009	M5	15	25	9g
203456	DL-148	M5	17	25	9g
203457	DL-016	M5	22	32	11g
203458	DL-027	M5	25	35	13g
203459	DL-055	M5	28	38	14g
203460	DL-050	M5	30	40	15g
203461	DL-029	M5	35	45	16g
203462	DL-020	M5	40	50	18g
203463	DL-043	M5	50	60	22g
203464	DL-022	M5	60	70	26g
203465	DL-045	M5	90	100	38g



附加的螺母 Last-Minute Nut



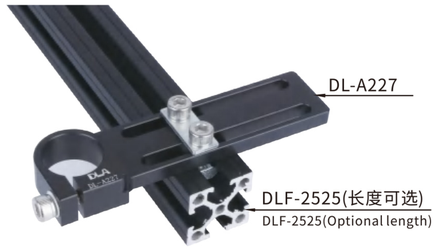
型号Model	DL-025HJ
货号 No.	203467
重量 Weight	2g



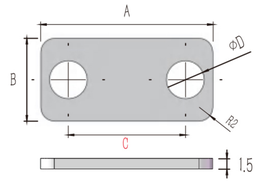


双孔平垫 Double Holes Shim

运用实例 / Application example



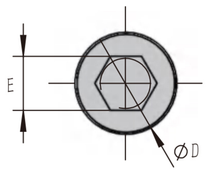


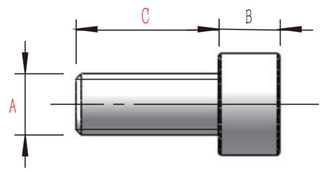


货号 No.	型号 Model		A(mm)	B(mm)	C(mm)	D(mm)
203468	DL-003DP	M4	16	8	8	4.5
203469	DL-006DP	M5	20	10	10	5.5
203470	DL-009DP	M5	25	10	15	5.5
203471	DL-148DP	M5	25	10	17	5.5
203472	DL-016DP	M5	35	10	22	5.5
203473	DL-027DP	M5	35	10	25	5.5

内六角螺丝 Sus Screws







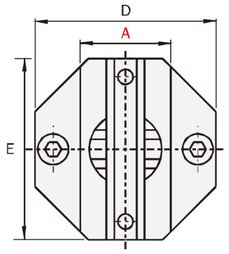
货号 (No.)	型号 (Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量 (Weight)
201251	DLM4-10	M4	4	10	6.8	3.2	1.6g
201252	DLM4-12	M4	4	12	6.8	3.2	1.8g
201253	DLM4-14	M4	4	14	6.8	3.2	1.9g
201254	DLM4-16	M4	4	16	6.8	3.2	2.0g
201255	DLM4-18	M4	4	18	6.8	3.2	2.1g
201256	DLM4-20	M4	4	20	6.8	3.2	2.3g
201265	DLM5-10	M5	5	10	8.3	4.1	2.9g
201266	DLM5-12	M5	5	12	8.3	4.1	3.1g
201267	DLM5-14	M5	5	14	8.3	4.1	3.3g
201268	DLM5-16	M5	5	16	8.3	4.1	3.6g
201269	DLM5-20	M5	5	20	8.3	4.1	4.0g
201270	DLM5-25	M5	5	25	8.3	4.1	4.7g
201271	DLM5-30	M5	5	30	8.3	4.1	5.3g
201272	DLM5-35	M5	5	35	8.3	4.1	5.9g
201273	DLM5-40	M5	5	40	8.3	4.1	10.0g
201280	DLM6-10	M6	6	10	10	5.3	4.0g
201281	DLM6-12	M6	6	12	10	5.3	4.6g
201282	DLM6-14	M6	6	14	10	5.3	5.2g
201283	DLM6-16	M6	6	16	10	5.3	5.5g
201284	DLM6-18	M6	6	18	10	5.3	5.8g
201285	DLM6-20	M6	6	20	10	5.3	6g

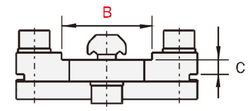
型材的交叉固定支架 Cross mounting bracket for profiles

运用实例 / Application example

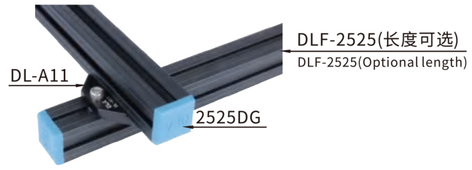
注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G











货号 No.	型号 Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	重量 Weight	配套螺丝 Sus Screws	配套双齿平垫 Double tooth flat pad	配套T型螺母 T-Nuts
203501	DL-A175	18	18	2	38	38	40g	DLM5-12*4	M5*4	DL-055*2
203502	DL-A265	18	25	4	38	45	60g	DLM5-14*4	M5*4	DL-055*1,DL-029*1
203503	DL-A11	25	25	4	45	45	75g	DLM5-14*4	M5*4	DL-020*2
203504	DL-A12	50	50	4	70	70	170g	DLM5-14*8	M5*8	DL-022*4
203505	DL-A13	25	50	4	70	70	155g	DLM5-14*6	M5*6	DL-022*3
203506	DL-A29	40	40	4	60	60	85g	DLM5-14*4	M5*4	DL-043*2
203507	DL-A30	80	80	4	100	100	255g	DLM5-14*8	M5*8	DL-045*4
203508	DL-A31	40	80	4	60	100	175g	DLM5-14*6	M5*6	DL-043*2,DL-045*1
203509	DL-A32	25	80	4	45	100	140g	DLM5-14*6	M5*6	DL-029*2,DL-045*1
203510	DL-A33	25	40	4	45	60	75g	DLM5-14*4	M5*4	DL-029*1,DL-043*1

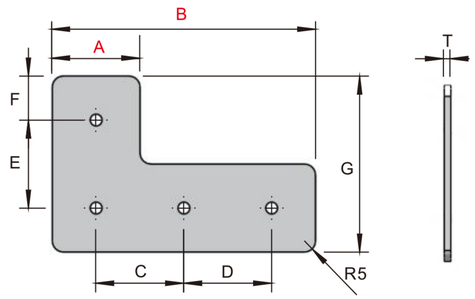
L型型材连接板 L-shaped Profile Connection Plate

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







货号 No.	203540	203541	203542
型号 Model	DL-L2550	DL-L2575	DL-L40120
A(mm)	25	25	40
B(mm)	50	75	120
C(mm)	25	25	40
D(mm)	-	25	40
E(mm)	25	25	40
F(mm)	12.5	12.5	20
G(mm)	50	50	80
T(mm)	3	3	3
适配型材2518	√	√	-
适配型材2525	√	√	-
适配型材5025	√	√	-
适配型材4040	-	-	√
重量Weight	70g	95g	200g
螺钉配件 Screw accessories			
配套螺丝 Sus Screws	DLM5-12*3	DLM5-12*4	DLM5-14*4
配套双齿平垫 Double tooth flat pad	M5*3	M5*4	M5*4
配套T型螺母 T-Nuts	DL-025*3	DL-025*4	DL-025*4

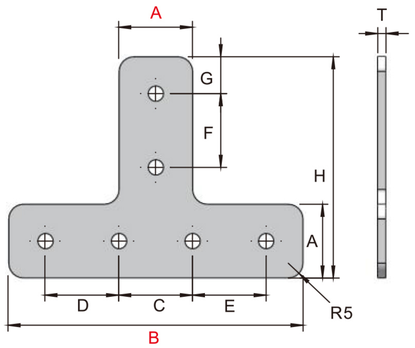
T型固定板 T-Shaped Fixing Plate

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







货号 No.	203546	203547	203548
型号 Model	DL-T2550	DL-T25100	DL-T40120
A(mm)	25	25	40
B(mm)	50	100	120
C(mm)	25	25	90
D(mm)	-	25	-
E(mm)	-	25	-
F(mm)	25	25	40
G(mm)	12.5	12.5	15
H(mm)	75	75	110
T(mm)	3	3	3
适配型材2518	√	√	-
适配型材2525	√	√	-
适配型材5025	√	√	-
适配型材4040	-	-	√
重量Weight	95g	145g	250g
螺钉配件 Screw accessories			
配套螺丝 Sus Screws	DLM5-12*4	DLM5-12*6	DLM5-14*4
配套双齿平垫 Double tooth flat pad	M5*4	M5*6	M5*4
配套T型螺母 T-Nuts	DL-025*4	DL-025*6	DL-025*4

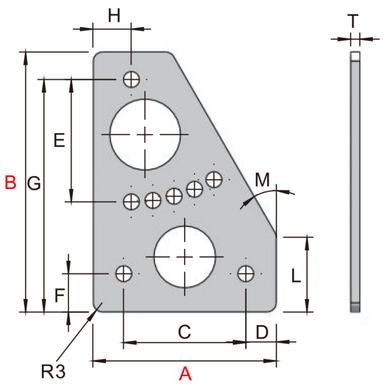
可调节角度型材固定板 Fixing plate with adjustable angle

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





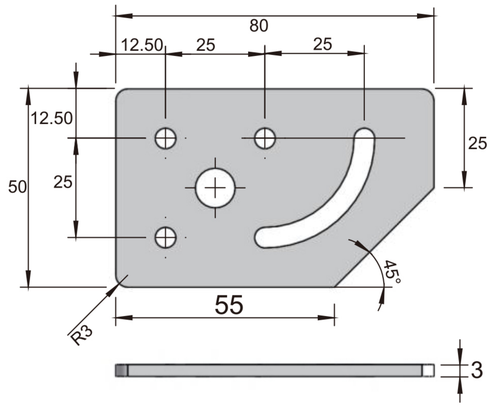


货号 No.	203552	203553	203554
型号 Model	DL-A60	DL-A90	DL-A70
A(mm)	60	90	70
B(mm)	85	95	100
C(mm)	40	60	50
D(mm)	10	15	10
E(mm)	40	50	40
F(mm)	12.5	12.5	20
G(mm)	76	86	90
H(mm)	12.5	12.5	20
L(mm)	25	25	40
M(mm)	30°	30°	27°
T(mm)	3	3	3
适配型材2518	√	√	-
适配型材2525	√	√	-
适配型材5025	√	√	-
适配型材4040	-	-	√
重量Weight	130g	215g	175g
螺钉配件 Screw accessories			
配套螺丝 Sus Screws	DLM5-12*4	DLM5-12*4	DLM5-14*4
配套双齿平垫 Double tooth flat pad	M5*4	M5*4	M5*4
配套T型螺母 T-Nuts	DL-025*4	DL-025*4	DL-025*4

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G



货号 No.	203556
型号 Model	DL-A80
重量Weight	115g
螺钉配件 Screw accessories	
配套螺丝 Sus Screws	DLM5-12*4
配套双齿平垫 Double tooth flat pad	M5*4
配套T型螺母 T-Nuts	DL-025*4



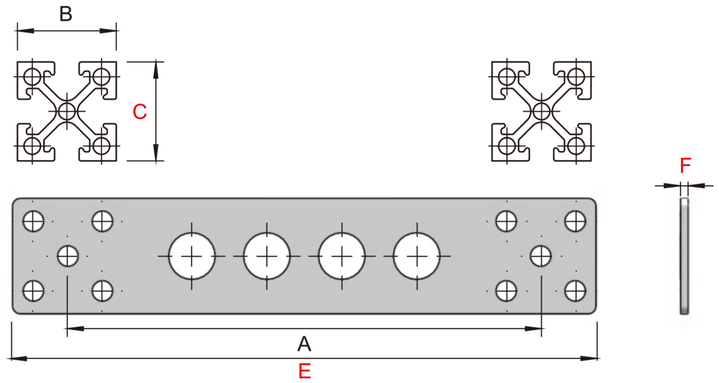
平直连接器 Flat Straight Connector

运用实例 /Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







货号 No.	203560	203561	203562	203563	203564	203565
型号 Model	DL-A18	DL-A19	DL-A20	DL-A21	DL-A22	DL-A23
A(mm)	76	120	130	76	120	130
B(mm)	25	25	25	25	25	25
C(mm)	25	25	25	50	50	50
E(mm)	104	148	158	104	148	158
F(mm)	2	2	2	2	2	2
适配型材2525	√	√	√	–	–	–
适配型材5025	–	–	–	√	√	√
重量Weight	50g	60g	65g	75g	100g	110g
螺钉配件 Screw accessories						
配套螺丝 Sus Screws	DLM5-10*10	DLM5-10*10	DLM5-10*10	DLM5-10*10	DLM5-10*10	DLM5-10*10
配套双齿平垫 Double tooth flat pad	M5*10	M5*10	M5*10	M5*10	M5*10	M5*10
配套T型螺母 T-Nuts	DL-025*10	DL-025*10	DL-025*10	DL-025*10	DL-025*10	DL-025*10

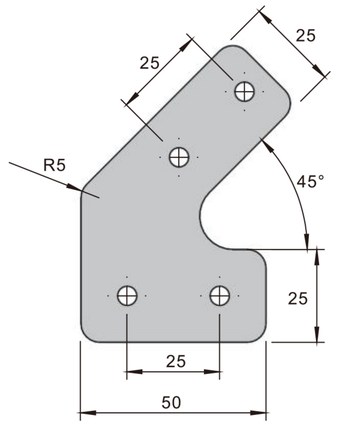
45度固定板 45°fixing plate

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







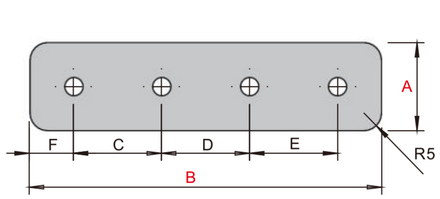


货号 No.	203568
型号 Model	DL-A50
重量Weight	100g
螺钉配件 Screw accessories	
配套螺丝 Sus Screws	DLM5-12*4
配套双齿平垫 Double tooth flat pad	M5*4
配套T型螺母 T-Nuts	DL-025*4

直固定板 Straight fixing plate

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







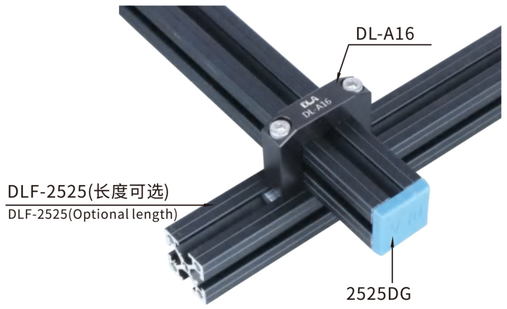
货号(No.)	203570	203571	203572
型号(Model)	DL-Z2550	DL-Z25100	DL-Z40160
A(mm)	25	25	40
B(mm)	50	100	160
C(mm)	25	25	40
D(mm)	–	25	40
E(mm)	–	25	40
T(mm)	3	3	3
适配型材2518	√	√	–
适配型材2525	√	√	–
适配型材5025	√	√	–
适配型材4040	–	–	√
重量(Weight)	45g	95g	195g
螺钉配件 Screw accessories			
配套螺丝 Sus Screws	DLM5-12*2	DLM5-12*4	DLM5-14*4
配套双齿平垫 Double tooth flat pad	M5*2	M5*4	M5*4
配套T型螺母 T-Nuts	DL-025*2	DL-025*4	DL-025*4

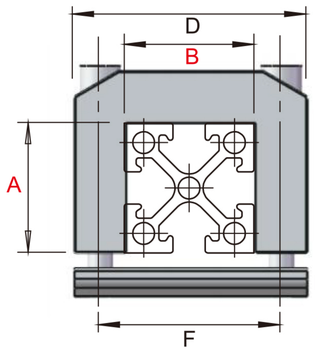
交叉（方形）连接器 Cross(round) joint connector

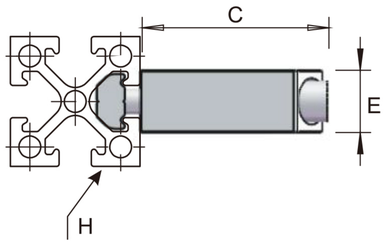
运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







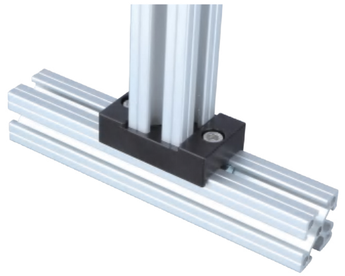


货号 No.	203575	203576	203577	203578
型号 Model	DL-A15	DL-A16	DL-A17	DL-A18
A(mm)	18	25	50	25
B(mm)	18	25	25	50
C(mm)	29	32	57	32
D(mm)	38	45	45	70
E(mm)	12	12	12	12
F(mm)	–	2525	5025	5025
适配型材 H(mm)	2518	2518	–	–
	2525	2525	2525	2525
	4040	4040	4040	4040
重量 Weight	41g	45g	65g	50g
螺钉配件 Screw accessories				
配套螺丝 Sus Screws	DLM5-25*2	DLM5-35*2	DLM5-60*2	DLM5-35*2
配套双齿平垫 Double tooth flat pad	M5*2	M5*2	M5*2	M5*2
配套T型螺母 T-Nuts	DL-025*2	DL-025*2	DL-025*2	DL-025*2

型材垂直紧固 Vertical fastening of the profiles

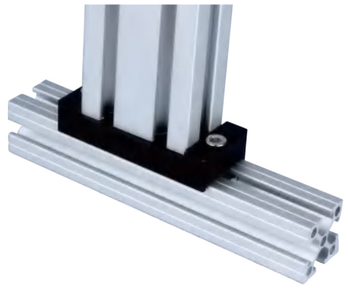
运用实例 / Application example

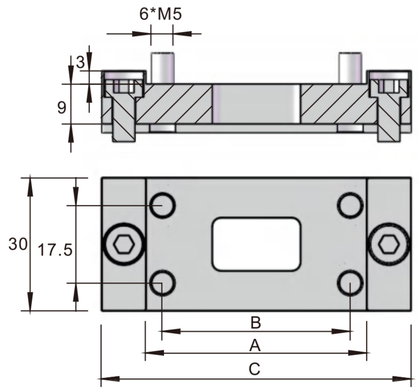
注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G

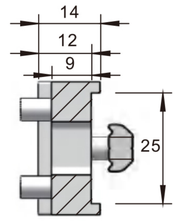












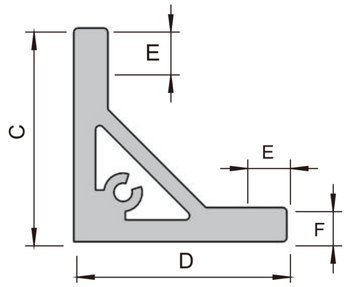
货号 No.	型号 Model	A (mm)	B (mm)	C (mm)	2525	5025	重量 Weight	配套螺丝 Sus Screws	配套双齿平垫 Double tooth flat pad	配套T型螺母 T-Nuts
203581	DL-A52	25	17.5	50	√	√	65g	DLM5-20*2	M5*2	DL-025*2
203582	DL-A53	50	42.5	70	√	√	85g	DLM5-20*2	M5*2	DL-025*2

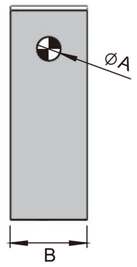
角码 Angle bracket for profiles

运用实例 / Application example



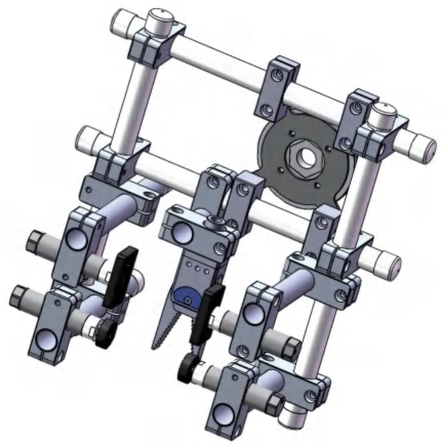




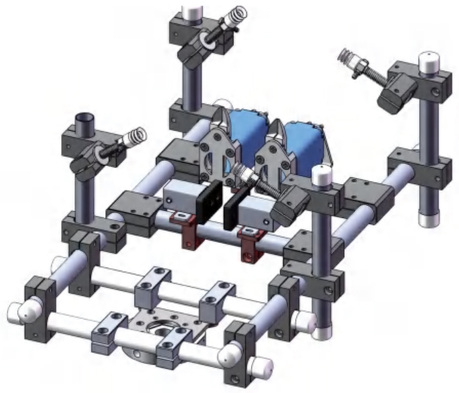


货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量(Weight)
203585	DL-JM2518	Ø5.5	18	50	50	10	8	38g
203586	DL-JM4038	Ø6.5	38	50	50	10	8	80g

夹具制作案例 An example of fixture production



夹具制作案例 An example of fixture production



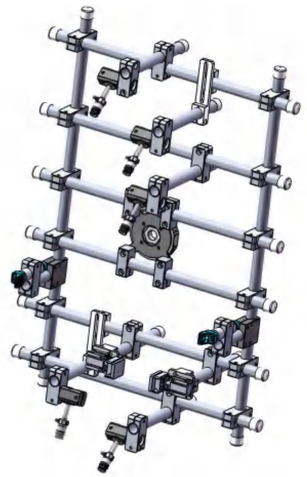
夹具制作案例 An example of fixture production



夹具制作案例 An example of fixture production



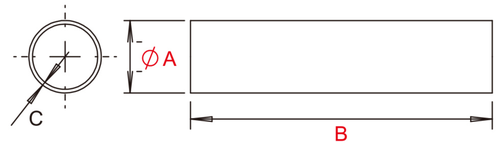
夹具制作案例 An example of fixture production



SUS钢管 SUS Tube

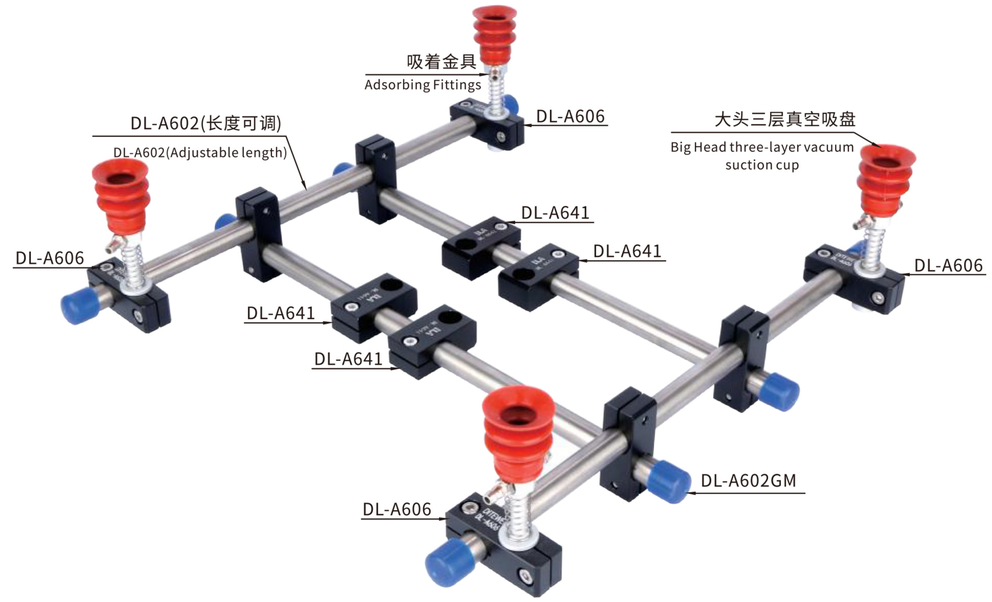






货号NO.	型号 Model	A(mm)	B(mm)	C(mm)	重量 Weight	端盖 Plugs
203101	DL-A601-L500	Ø8	500	0.6	58g	DL-A601GM
203102	DL-A601-L1000	Ø8	1000	0.6	116g	DL-A601GM
203103	DL-A601-L1500	Ø8	1500	0.6	174g	DL-A601GM
203104	DL-A602-L500	Ø8	500	0.6	90g	DL-A602GM
203105	DL-A602-L1000	Ø12	1000	0.6	180g	DL-A602GM
203106	DL-A602-L1500	Ø12	1500	0.6	270g	DL-A602GM
203107	DL-A603-L500	Ø12	500	0.8	200g	DL-A603GM
203108	DL-A603-L1000	Ø20	1000	0.8	400g	DL-A603GM
203109	DL-A603-L1500	Ø20	1500	0.8	600g	DL-A603GM

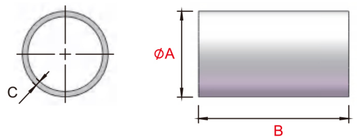
运用实例 / Application example



铝管 Aluminium Tuble

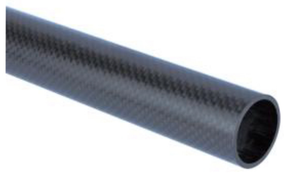


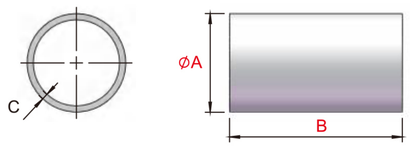




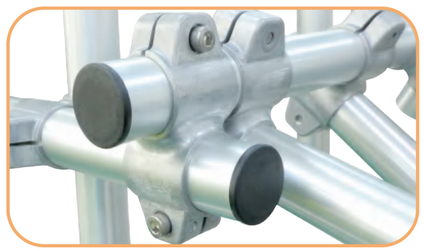
货号 No.	型号 Model	材料 Material	A mm	B mm	C mm	重量 Weight	端盖 Plugs
203112	DL-LG20-L1000	铝 Aluminum	Ø20	1000	3	430g	LG25DG
203113	DL-LG20-L2000	铝 Aluminum	Ø20	2000	3	860g	LG25DG
203114	DL-LG20B-L1000(黑色Black)	铝 Aluminum	Ø20	1000	3	430g	LG25DG
203115	DL-LG25-L1000	铝 Aluminum	Ø25	1000	3	600g	LG25DG
203116	DL-LG25-L2000	铝 Aluminum	Ø25	2000	3	1185g	LG25DG
203117	DL-LG30-L1000	铝 Aluminum	Ø30	1000	3	700g	LG30DG
203118	DL-LG30-L2000	铝 Aluminum	Ø30	2000	3	1400g	LG30DG
203119	DL-LG40-L1000	铝 Aluminum	Ø40	1000	3	1240g	LG40DG
203120	DL-LG40-L2000	铝 Aluminum	Ø40	2000	3	2480g	LG40DG

碳纤维管 Carbon composite Tuble





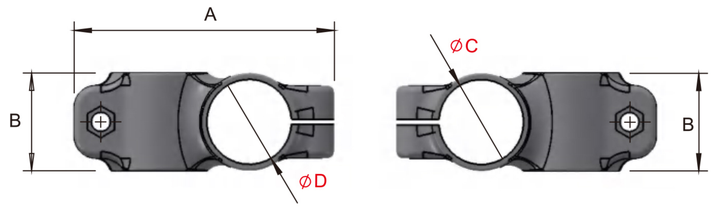
货号NO.	型号Model	材料Material	A(mm)	B(mm)	C(mm)	重量Weight
203126	DL-TQW25-L1000	碳纤维Carbon composite	Ø25	1000	2	303g
203127	DL-TQW25-L2000	碳纤维Carbon composite	Ø25	2000	2	606g
203128	DL-TQW40-L1000	碳纤维Carbon composite	Ø40	1000	2.5	507g
203129	DL-TQW40-L2000	碳纤维Carbon composite	Ø40	2000	2.5	1014g





铝合金连接块 ALU. Connection



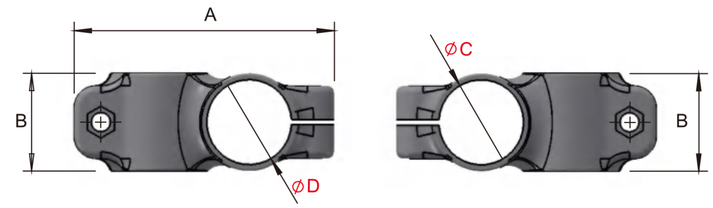


货号NO.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	重量Weight
203145	DL-LHJ2520	82	35	Ø20	Ø25	104g
203146	DL-LHJ2525	94	35	Ø25	Ø25	65g
203147	DL-LHJ4025	108.5	46	Ø40	Ø25	187g
203148	DL-LHJ4040	122.5	46	Ø40	Ø40	224g

碳纤维连接块 Carbon composite Connector

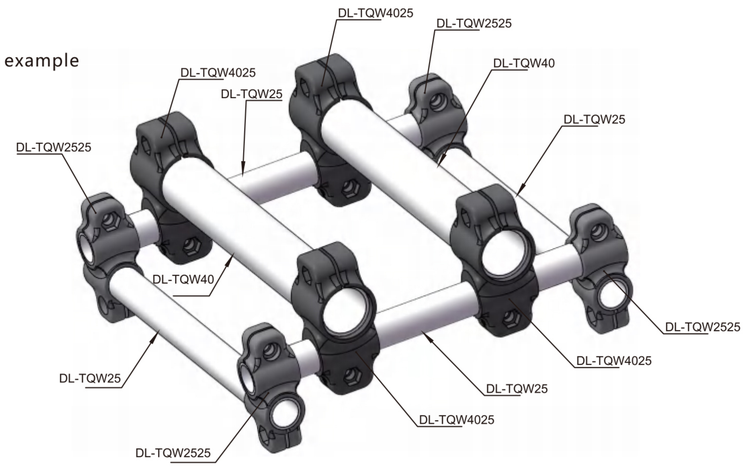
104g





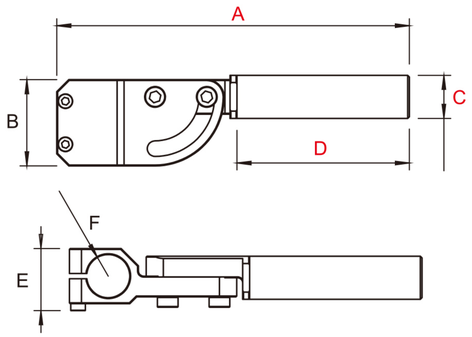
货号NO.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	重量Weight
203135	DL-TQW2525	94	35	Ø25	Ø25	120g
203136	DL-TQW4025	108.5	46	Ø40	Ø25	150g
203137	DL-TQW4040	122.5	46	Ø40	Ø40	172g

运用实例 / Application example



重力臂系列 Gravity arm series

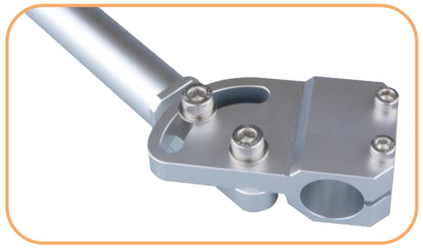


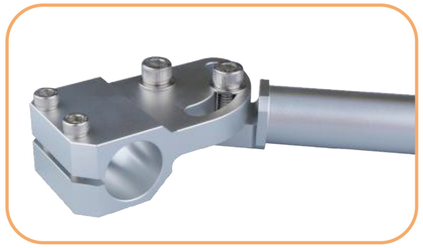


货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量Weight
203205	DL-A186	200	50	Ø20	100	34	Ø20	252g
203206	DL-A187	250	50	Ø20	150	34	Ø20	280g
203207	DL-A188	300	50	Ø20	200	34	Ø20	303g
203208	DL-A189	205	50	Ø25	100	40	Ø25	250g
203211	DL-A190	255	50	Ø25	150	40	Ø25	275g
203212	DL-A191	305	50	Ø25	200	40	Ø25	350g
203213	DL-A192	200	50	Ø25	100	34	Ø20	272g
203214	DL-A193	250	50	Ø25	150	34	Ø20	289g
203215	DL-A194	300	50	Ø25	200	34	Ø20	360g

运用实例 / Application example



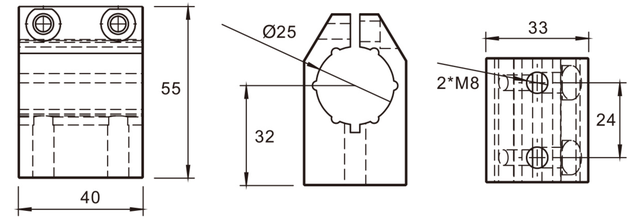




连接部件系列 Connection series

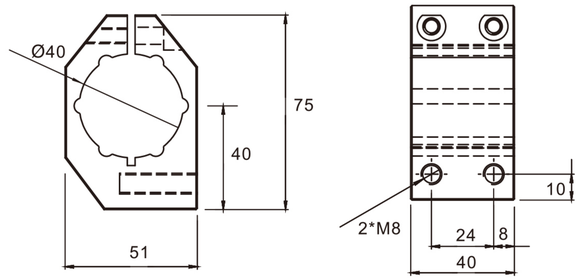


型号Model	DL-A290
货号 No.	203230
重量 Weight	114g

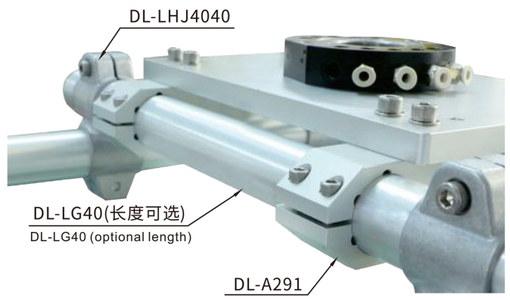


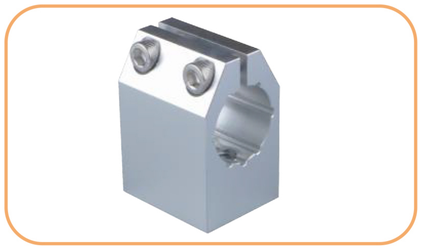


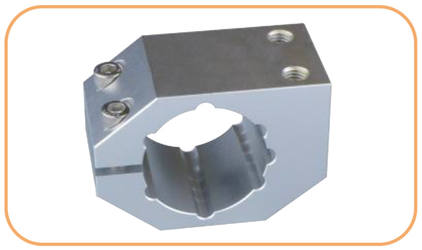
型号Model	DL-A291
货号 No.	203231
重量 Weight	202g



运用实例 / Application example

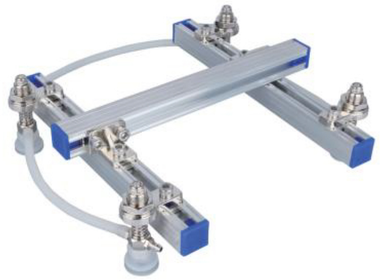






型材 Extruded Profiles

运用实例 / APPlication example





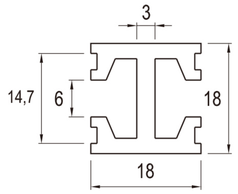


型材端盖
Plugs for profile

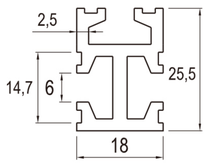




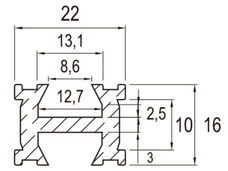




型号Model	DLTX1818-L1000
货号 No.	203501
端盖 Plugs	1818DG



型号Model	DLTX1825-L1000
货号 No.	203502
端盖 Plugs	1825DG



型号Model	DLJR16-22-L1000
货号 No.	203503
端盖 Plugs	1822DG



型号Model	1615LJK
货号 No.	203536



型号Model	2015LJK
货号 No.	203537



型号Model	AP挡块 AP block
货号 No.	203538



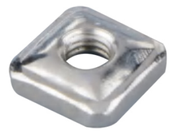
型号Model	BP挡块 BP block
货号 No.	203539

型材 Extruded Profiles

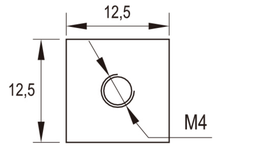
运用实例 / APPlication example

框架模组

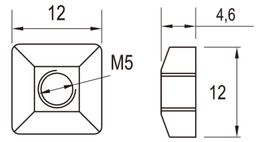




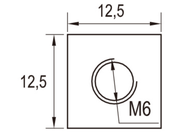




型号Model	DLTX1-M4
货号 No.	203510



型号Model	DLTX1-M5
货号 No.	203511

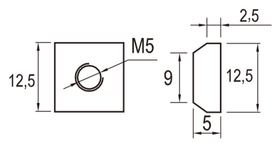


型号Model	DLTX1-M6
货号 No.	203512

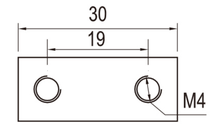




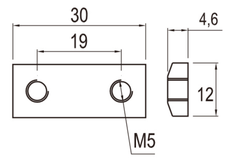




型号Model	DLJR1-M5AP
货号 No.	203513



型号Model	DLTX2-M4
货号 No.	203514

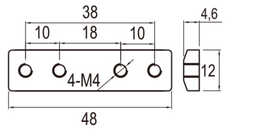


型号Model	DLTX2-M5
货号 No.	203515

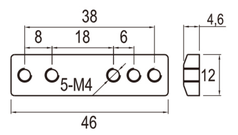




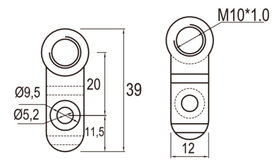




型号Model	DLTX4-M4
货号 No.	203516



型号Model	DLTX5-M4
货号 No.	203517

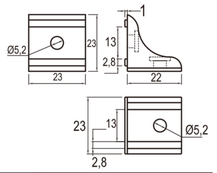


型号Model	DLGDK-AP
货号 No.	203518

型材 Extruded Profiles

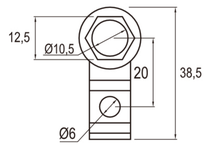
运用实例 / APPlication example





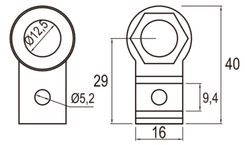
型号Model	DLLK-AP
货号 No.	203519





型号Model	DLGDK-TXM10
货号 No.	203520

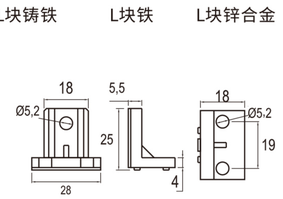




型号Model	DLGDK-TXM12
货号 No.	203521

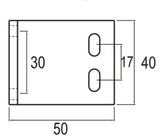


L块铸铁　L块铁　L块锌合金



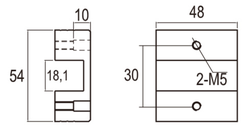
型号Model	DLLK-TX
货号 No.	203522





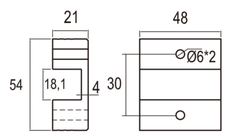
型号Model	DLJJGDK-2015
货号 No.	203525



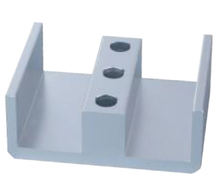


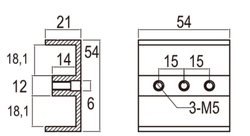
型号Model	DLZJK-M5
货号 No.	203526





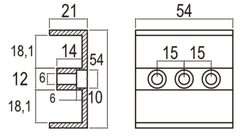
型号Model	DLZJK-TK
货号 No.	203527





型号Model	DLZJK-SCTK
货号 No.	203528

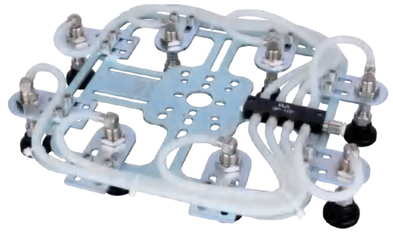




型号Model	DLZJK-SCM5
货号 No.	203529

标准治具固定板 Standard Jig Fixing Plate

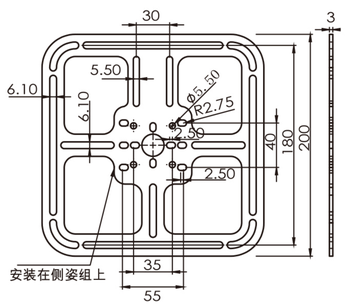
运用实例 / APPlication example



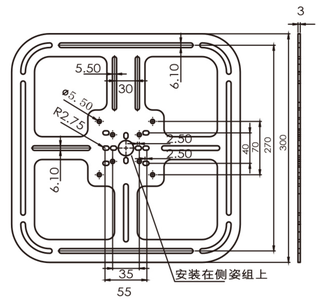
型号Model	DLPA2020B
货号 No.	203154



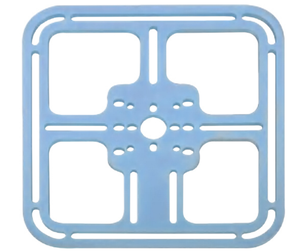
型号Model	DLPA3030B
货号 No.	203155

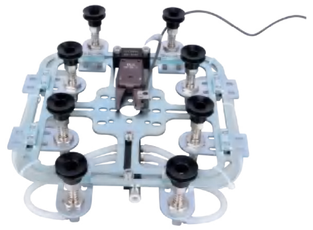


型号Model	DLPA2020
货号 No.	203150

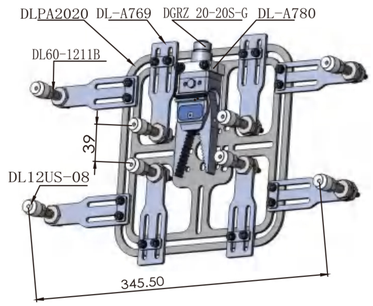


型号Model	DLPA3030
货号 No.	203151

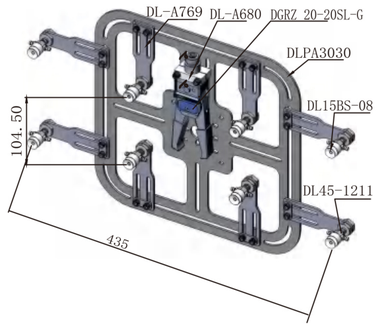








型号Model	DLPA2020A
货号 No.	203152

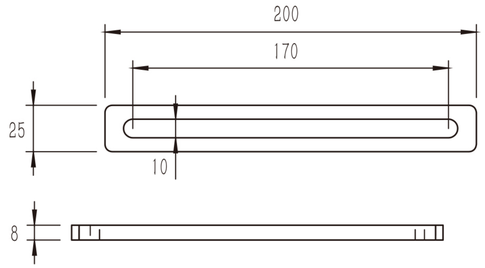


型号Model	DLPA3030A
货号 No.	203153

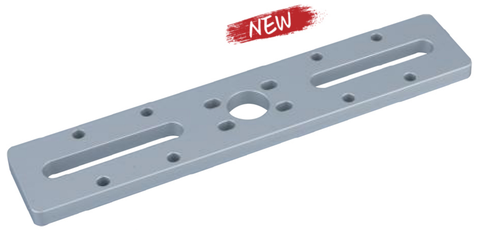
标准治具固定板 Standard Jig Fixing Plate

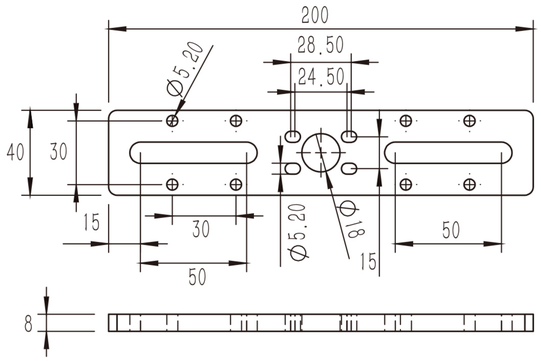
运用实例 / Application example





型号Model	DLPA200C-01
货号 No.	203175



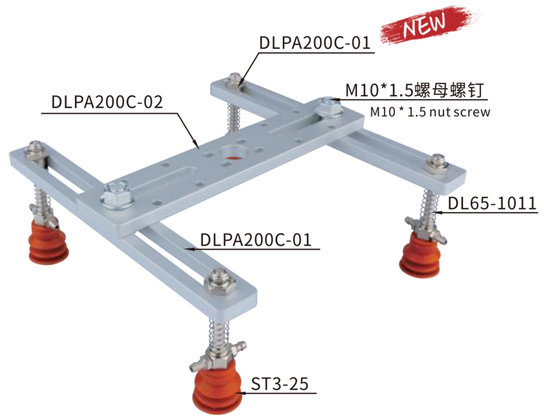


型号Model	DLPA200C-02
货号 No.	203176

运用实例 / Application example



型号Model	DLPA2020C
货号 No.	203177



型号Model	DLPA2020CA
货号 No.	203178

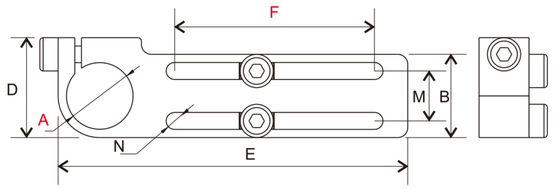
固定支架 Mounting Bracket

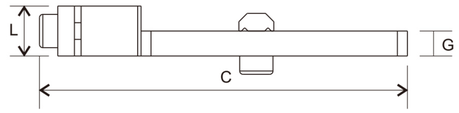
运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G









货号No.	203601	203602	203603	203604	203605	203606	203607
型号Model	DL-A222	DL-A223	DL-A224	DL-A225	DL-A226	DL-A227	DL-A228
A(mm)	Ø8	Ø10	Ø12	Ø14	Ø14	Ø20	Ø30
B(mm)	16	16	16	20	20	25	35
C(mm)	75	75	75	81.1	91.1	111.1	121.1
D(mm)	20	20	20	25	25	30	40
E(mm)	70	70	70	75	85	105	115
F(mm)	40	40	40	40	50	60	60
G(mm)	4.5	4.5	4.5	6	6	6	8
L(mm)	8	8	8	12	12	12	12
M(mm)	8	8	8	10	10	15	15
N(mm)	Ø4.1	Ø4.1	Ø4.1	Ø5.1	Ø5.1	Ø5.1	Ø5.1
螺钉配件 Screw accessories							
配套螺丝 Sus Screws	DLM4-14*2	DLM4-14*2	DLM4-14*2	DLM5-14*2	DLM5-14*2	DLM5-14*2	DLM5-16*2
配套双齿平垫 Double tooth flat pad	DL-003DP*1	DL-003DP*1	DL-003DP*1	DL-006DP*1	DL-006DP*	DL-009DP*1	DL-009DP*1
配套T型螺母 T-Nuts	DL-003*1	DL-003*1	DL-003*1	DL-006*1	DL-006*1	DL-009*1	DL-009*1

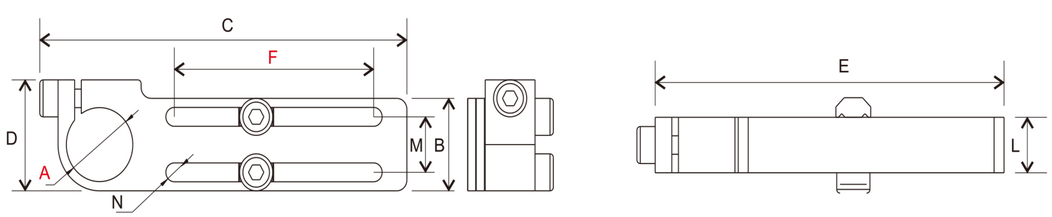
重型固定支架 Heavy duty mounting Bracket

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





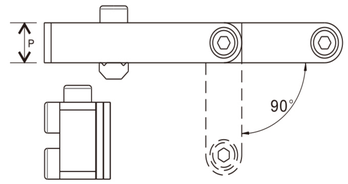


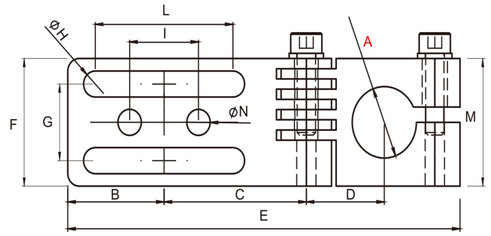
货号No.	203610	203611	203612	203613	203614
型号 Model	DL-A217	DL-A218	DL-A219	DL-A220	DL-A221
A(mm)	Ø10	Ø12	Ø14	Ø20	Ø30
B(mm)	16	16	20	25	35
C(mm)	75	75	90.6	110.6	122.2
D(mm)	20	20.5	25	30	42
E(mm)	70	70	85	105	115
F(mm)	40	40	50	60	60
L(mm)	8.3	8.3	12	15	20
M(mm)	8	8	10	15	22
N(mm)	Ø4.1	Ø4.1	Ø5.1	Ø5.1	Ø5.1
螺钉配件 Screw accessories					
配套螺丝 Sus Screws	DLM4-18*2	DLM4-18*2	DLM5-20*2	DLM5-25*2	DLM5-30*2
配套双齿平垫 Double tooth flat pad	DL-003DP*1	DL-003DP*1	DL-006DP*1	DL-006DP*1	DL-016DP*1
配套T型螺母 T-Nuts	DL-003*1	DL-003*1	DL-006*1	DL-009*1	DL-016*1

角度可调连接杆 Slotted angular Bracket

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G









货号No.	203615	203616	203617	203618	203619
型号 Model	DL-A212	DL-A213	DL-A214	DL-A215	DL-A216
A(mm)	Ø10	Ø12	Ø14	Ø20	Ø30
B(mm)	15	15	21	30	32
C(mm)	23	23	31	35	49
D(mm)	14	14	17	22	28
E(mm)	64.5	64.5	85	107	135.5
F(mm)	16	16	25	25	36
G(mm)	8	8	15	15	22
H(mm)	4.1	4.1	5.1	5.1	5.1
I(mm)	-	-	15	15	22
L(mm)	20	20	30	40	50
M(mm)	16	16	20	25	36
N(mm)	-	-	Ø5.1	Ø5.1	Ø5.1
P(mm)	9	9	11	13	16
螺钉配件 Screw accessories					
配套螺丝 Sus Screws	DLM4-18*2	DLM4-18*2	DLM5-20*2	DLM5-20*2	DLM5-25*2
配套双齿平垫 Double tooth flat pad	DL-003DP*1	DL-003DP*1	DL-009DP*1	DL-009DP*1	DL-016DP*1
配套T型螺母 T-Nuts	DL-003*1	DL-003*1	DL-009*1	DL-009*1	DL-016*1

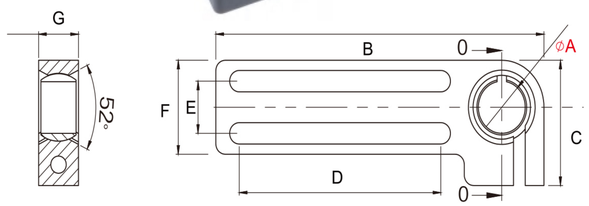
固定支架 Mounting Bracket

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





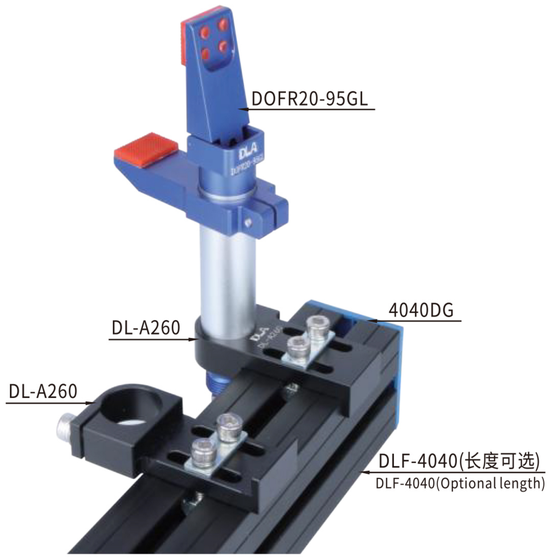


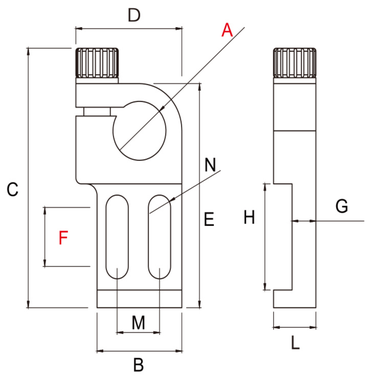
货号 No.	型号 Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	配套螺丝 Sus Screws	配套双齿平垫 Double tooth flat pad	配套T型螺母 T-Nuts
203622	DL-A229	14	100	31	66	15	25	12	DLM5-20*2	DL-009DP*1	DL-009*1
203623	DL-A230	20	115	42	66	22	35	15	DLM5-25*2	DL-016DP*1	DL-016*1

固定支架 Mounting Bracket

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





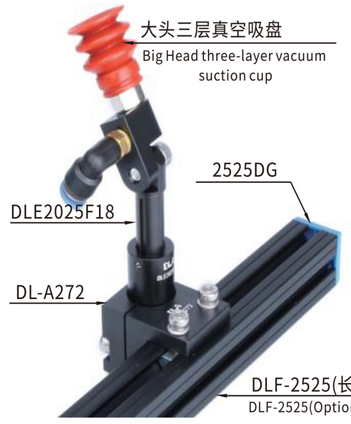


货号 No.	203644	203645	203646	203647	203648
型号 Model	DL-A256	DL-A257	DL-A258	DL-A259	DL-A260
A(mm)	Ø10	Ø10	Ø14	Ø20	Ø20
B(mm)	16	16	20	25	25
C(mm)	43	49	52.1	57.1	74.1
D(mm)	20	20	25	30	30
E(mm)	38	44	46	51.5	68
F(mm)	10	14	14	14	22
G(mm)	4.5	4.5	6	6.2	6
H(mm)	18	25	25	25	40
L(mm)	8	8	12	12	12
M(mm)	8	8	10	15	15
N(mm)	Ø4.2	Ø4.2	Ø5.2	Ø5.2	Ø5.2
重量Weight	20g	21g	34g	45g	48g
适配型材	1018/1818	2510/2518 2525/5025	2510/2518 2525/5025	2510/2518 2525/5025	4040/4080
螺钉配件 Screw accessories					
配套螺丝 Sus Screws	DLM4-16*2	DLM4-16*2	DLM5-20*2	DLM5-20*2	DLM5-25*2
配套双齿平垫 Double tooth flat pad	DL-003DP*1	DL-003DP*1	DL-006DP*1	DL-009DP*1	DL-009DP*1
配套T型螺母 T-Nuts	DL-003*1	DL-003*1	DL-006*1	DL-009*1	DL-009*1

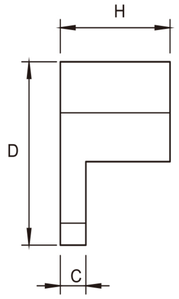
固定支架 Mounting Bracket

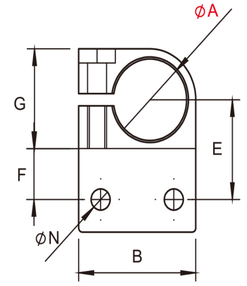
运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G







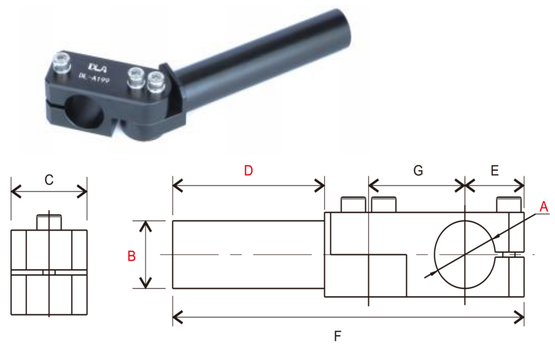


货号 No.	203651	203652	203653	203654	203655	203656
型号 Model	DL-A271	DL-A272	DL-A273	DL-A274	DL-A275	DL-A276
A(mm)	Ø14	Ø20	Ø20	Ø25	Ø30	Ø30
B(mm)	25	32	32	40	40	45
C(mm)	6	7	7	8	8	10
D(mm)	40	45	54.5	60	55	65.5
E(mm)	22	24.5	33	35	29.5	39
F(mm)	12.5	12.5	20	20	12.5	20
G(mm)	19.5	24.5	26.5	30	34.5	37.5
H(mm)	25	30	35	30	30	40
N(mm)	Ø5.2	Ø5.2	Ø5.2	Ø5.2	Ø5.2	Ø5.2
重量Weight	50g	70g	95g	94g	90g	150g
适配型材	2525/5025	2525/5025	4040/8040	4040/8040	2525/5025	4040/8040
螺钉配件 Screw accessories						
配套螺丝 Sus Screws	DLM5-14*2 DLM5-30*1	DLM5-16*2 DLM5-35*1	DLM5-20*2 DLM5-40*1	DLM5-20*2 DLM5-40*1	DLM5-16*2 DLM5-45*1	DLM5-20*2 DLM5-50*1
配套双齿平垫 Double tooth flat pad	M5单孔*2	M5单孔*2	M5单孔*2	M5单孔*2	M5单孔*2	M5单孔*2
配套T型螺母 T-Nuts	DL-025*2	DL-025*2	DL-025*2	DL-025*2	DL-025*2	DL-025*2

重型弯臂 Heavy duty elbow arm

运用实例 / Application example



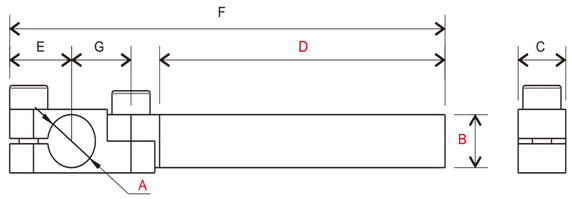


货号No.		203660	203661	203662	203663	203664	203665
型号 Model		DL-A195	DL-A199	DL-A200	DL-A196	DL-A197	DL-A198
A	[mm]	Ø20	Ø20	Ø20	Ø30	Ø30	Ø30
B	[mm]	Ø20	Ø20	Ø20	Ø30	Ø30	Ø30
C	[mm]	25	25	25	35	35	35
D	[mm]	50	100	150	80	140	200
E	[mm]	19.5	19.5	19.5	27.3	27.3	27.3
F	[mm]	114.5	165	216	173	233	292
G	[mm]	28.7	28.7	28.7	40.7	40.7	40.7
重量 Weight		106g	128g	146g	281g	309g	380g

弯臂 Elbow arm

运用实例 / Application example





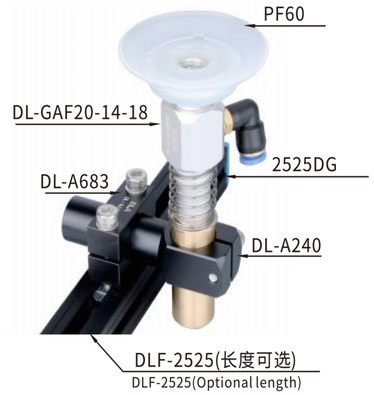


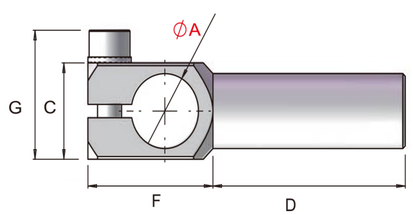
货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	重量
203670	DL-A201	Ø10	Ø10	10	60	13	93	12.5	17g
203671	DL-A202	Ø12	Ø12	12	60	13	97	12.5	24g
203672	DL-A203	Ø14	Ø14	15	40	16	82	16.5	32g
203673	DL-A204	Ø14	Ø14	15	80	16	122	16.5	40g
203674	DL-A205	Ø14	Ø14	15	120	16	162	16.5	48g
203675	DL-A206	Ø20	Ø20	20	50	19	104	22.5	82g
203676	DL-A207	Ø20	Ø20	20	100	19	154	22.5	100g
203677	DL-A208	Ø20	Ø20	20	150	19	204	22.5	115g
203250	DL-A100	Ø25	Ø25	25	100	24	159	26	180g
203251	DL-A101	Ø25	Ø25	25	150	24	209	26	260g
203678	DL-A209	Ø30	Ø30	30	80	27	160	34.8	235g
203679	DL-A210	Ø30	Ø30	30	140	27	220	34.8	300g
203680	DL-A211	Ø30	Ø30	30	200	27	280	34.8	360g

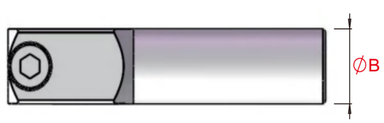
夹腿 Clamp Leg

运用实例 / Application example









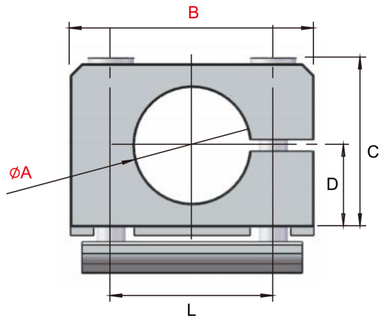
货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	F(mm)	G(mm)	重量 Weight
203682	DL-A231	Ø10	Ø10	14	30	19	19	10g
203683	DL-A232	Ø10	Ø10	14	60	19	19	14g
203684	DL-A233	Ø10	Ø10	14	90	19	19	18g
203685	DL-A234	Ø12	Ø12	19	30	21	21	15g
203686	DL-A235	Ø12	Ø12	19	60	21	21	20g
203687	DL-A236	Ø12	Ø12	19	90	21	21	25g
203688	DL-A237	Ø14	Ø14	18	40	26	24	23g
203689	DL-A238	Ø14	Ø14	18	80	26	24	33g
203690	DL-A239	Ø14	Ø14	18	120	26	24	43g
203691	DL-A240	Ø20	Ø20	25	50	32	31	48g
203692	DL-A241	Ø20	Ø20	25	100	32	31	73g
203693	DL-A242	Ø20	Ø20	25	150	32	31	105g
203694	DL-A243	Ø30	Ø30	40	80	44	46	170g
203695	DL-A244	Ø30	Ø30	40	140	46	46	243g
203696	DL-A245	Ø30	Ø30	40	200	46	46	307g

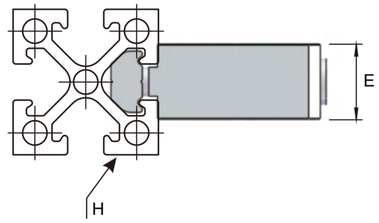
交叉（方形）连接器 Cross(round) joint connector

运用实例 / Application example





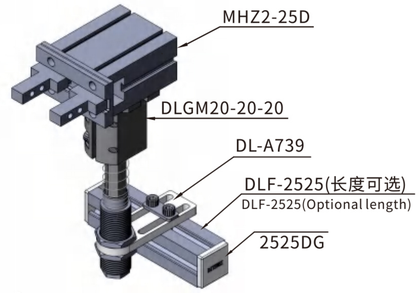


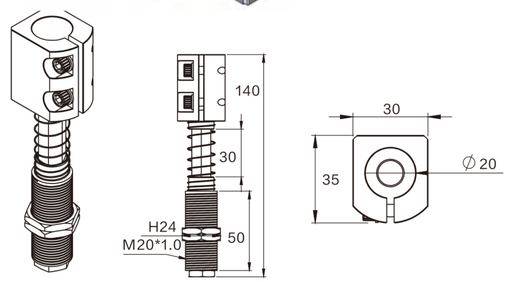


货号 No.	203630	203631	203632	203633	203634
型号 Model	DL-A36	DL-A37	DL-A38	DL-A39	DL-A40
A(mm)	Ø10	Ø14	Ø20	Ø30	Ø50
B(mm)	25	32	38	50	70
C(mm)	18.5	23	28	34	56
D(mm)	7	9	12.5	17	28
E(mm)	10	12	15	20	25
适配型材 H(mm)	2518	2518	–	–	–
	2525	2525	2525	2525	2525
	5025	5025	5025	5025	5025
	4040	4040	4040	4040	4040
L(mm)	17	22	28	40	60
重量 Weight	15g	32g	45g	75g	150g

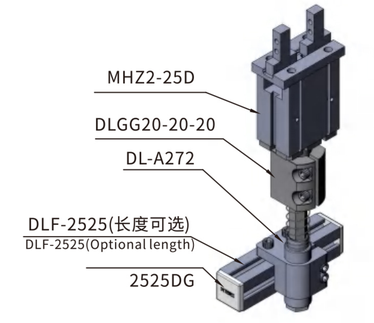
缓冲夹腿 Buffer Clamp Leg

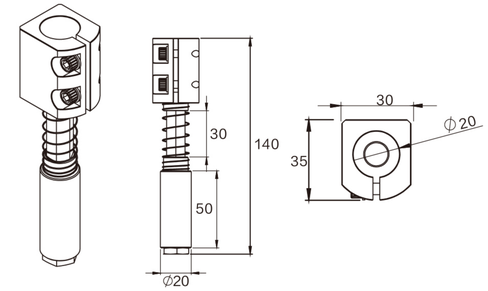
运用实例 / Application example





型号Model	DLGM20-20-20
货号 No.	203640

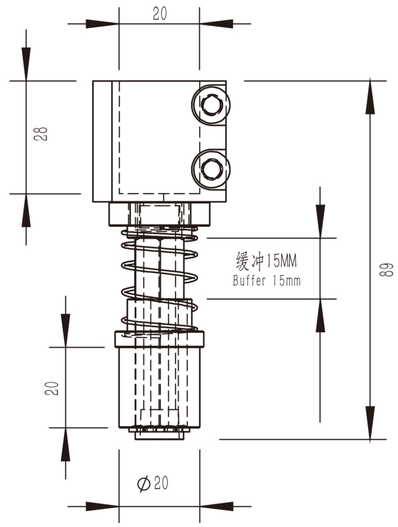




型号Model	DLGG20-20-20
货号 No.	203641



型号Model	DLGP20-20-15
货号 No.	203648

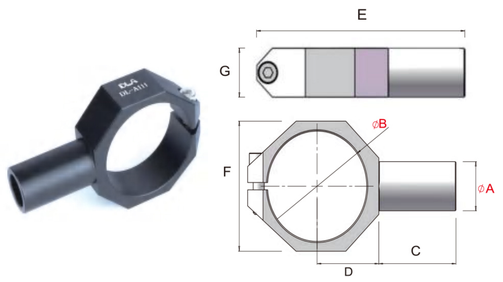


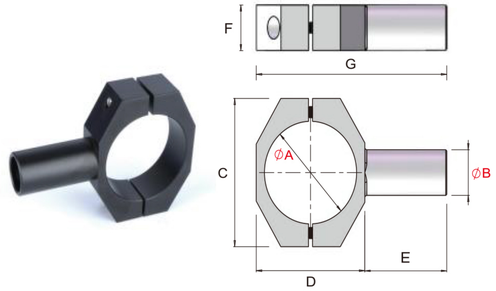
NR剪刀固定支架 NR Nipper Mounting Bracket

运用实例 / Application example









货号No.	203701	203702	203703
型号Model	DL-A111	DL-A112	DL-A113
A(mm)	Ø20	Ø20	Ø30
B(mm)	Ø45	Ø56	Ø75
C(mm)	35	40	48
D(mm)	28	33	41
E(mm)	94.5	111	138
F(mm)	53	65	83
G(mm)	20	25	40
重量(Weight)	64g	103g	308g

货号 No.	203704	203705
型号 Model	DL-A114	DL-A115
A(mm)	Ø45	Ø56
B(mm)	Ø20	Ø20
C(mm)	65	76
D(mm)	54	66
E(mm)	40	40
F(mm)	20	20
G(mm)	94	106
重量(Weight)	96g	123g

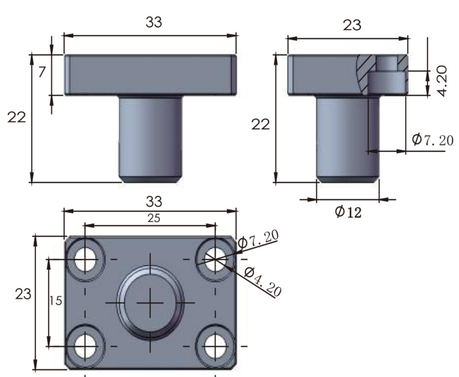
NY05 剪刀固定块 NY05 Nippers Fixing Block

运用实例 / Application example





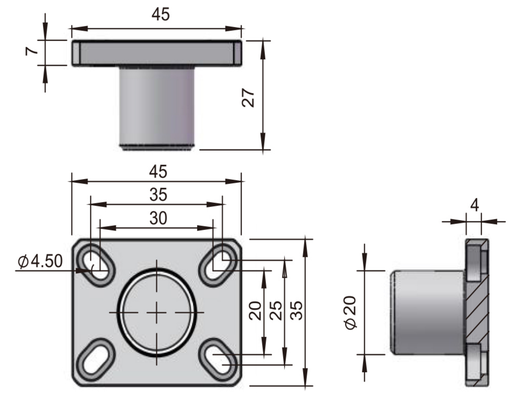
型号 Model	DL-A116
货号 NO.	203706
重量 Weight	17g



NY10.NY15剪刀固定块 NY10.NY15 Nippers Fixing Block



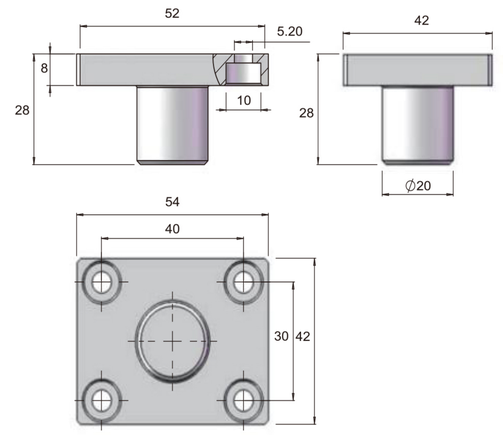
型号Model	DL-A117
货号 No.	203707
重量 Weight	42g



NY25剪刀固定块 NY25 Nippers Fixing Block

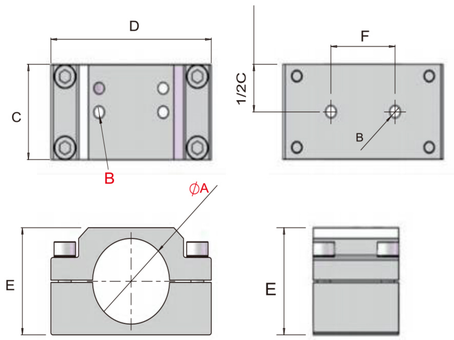


型号Model	DL-A118
货号 No.	203708
重量 Weight	61g



剪刀固定支架 Nipper Mounting Bracket





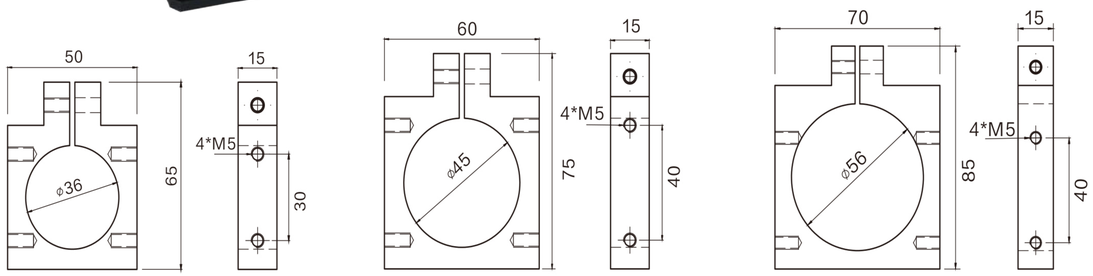
货号 No.	型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量(Weight)
203709	DL-A119	Ø36	M6	40	75	45	30	246g
203710	DL-A120	Ø45	M6	44	75	53	30	248g
203711	DL-A121	Ø56	M6	44	86	63	30	293g

气剪固定架 Air Nippers Fixing Bracket

运用实例 / Application example







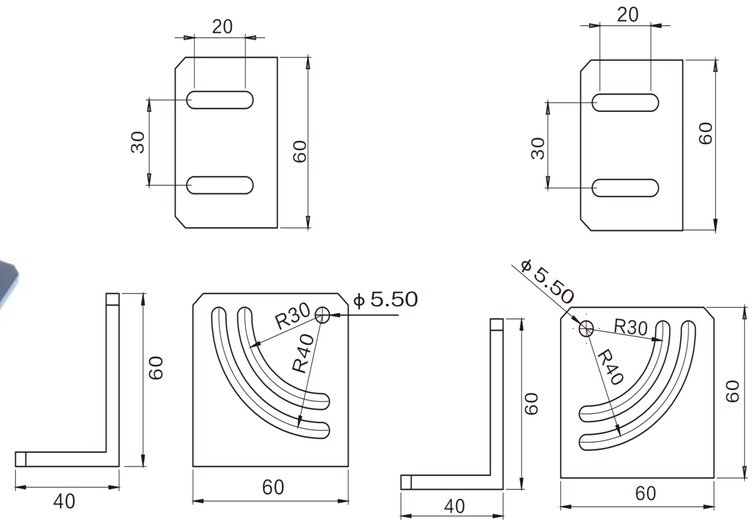
型号Model	DL-A122
货号 No.	203712

型号Model	DL-A123
货号 No.	203713

型号Model	DL-A124
货号 No.	203714

气剪安装支架 Air Nippers Mounting Bracket

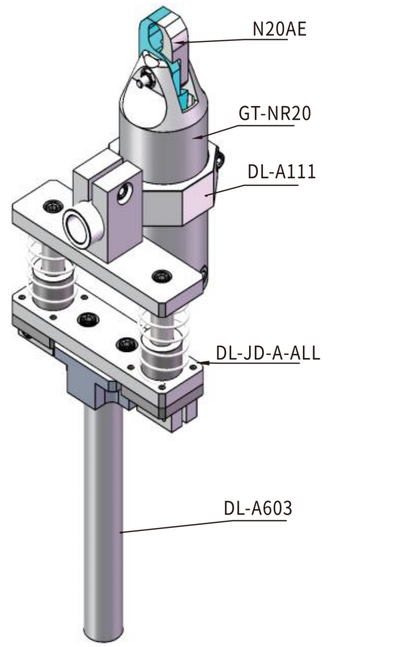


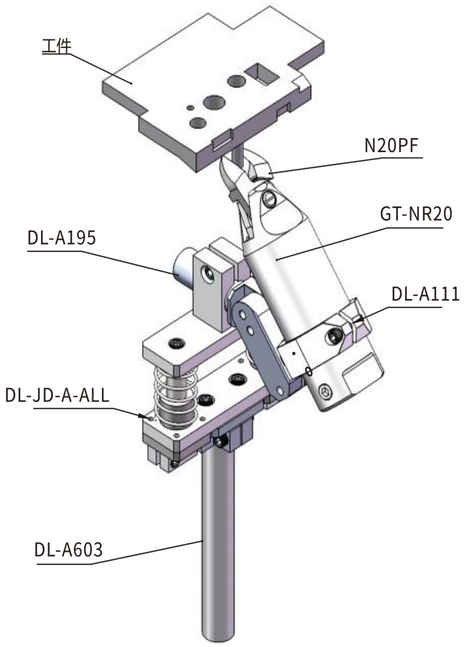


型号Model	DL-A125
货号 No.	203715

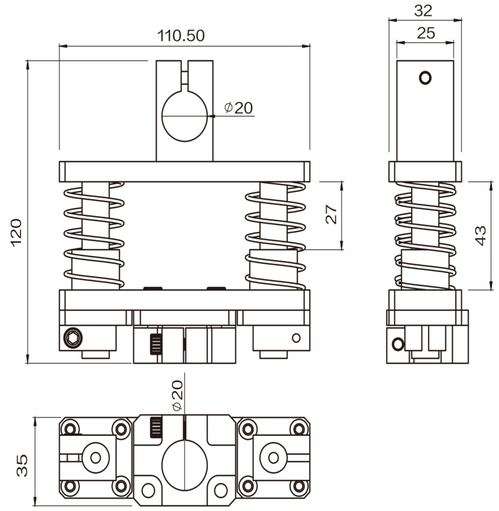
剪刀固定座 Nippers Fixing Seat

运用实例 / Application example





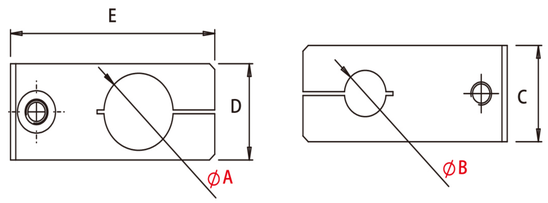




型号Model	DL-JD-A-ALL
货号 No.	203718

十字连接块 Cross Connection Block



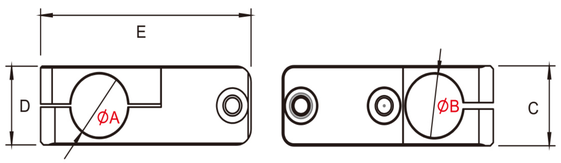


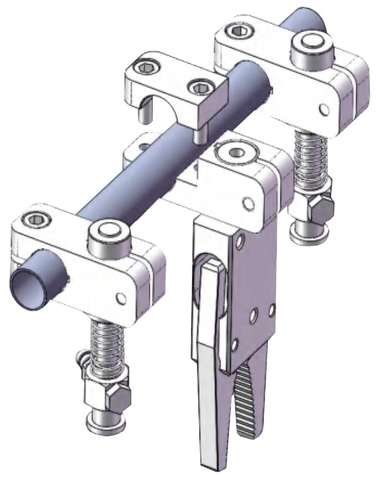
货号No.	型号Model	十字连接块 Cross Connection Block	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量Weight
203730	DL-A604	Ø8Ø8	Ø8	Ø8	12	12	35	11g
203731	DL-A605	Ø12Ø8	Ø12	Ø8	12	16	43	16g
203732	DL-A606	Ø12Ø12	Ø12	Ø12	16	16	47	21g
203733	DL-A607	Ø20Ø12	Ø20	Ø12	25	25	59	72g
203734	DL-A608	Ø20Ø20	Ø20	Ø20	25	25	61	69g
203735	DL-A609	Ø25Ø20	Ø25	Ø20	30	30	73	115g
203736	DL-A610	Ø25Ø25	Ø25	Ø25	30	30	73	148g

附加十字连接块 Additional cross connection block

运用实例 / Application example



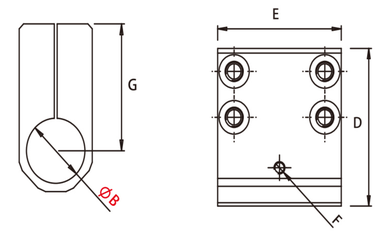




货号No.	型号Model	十字连接块 Cross Connection Block	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量Weight
203670	DL-A606B	Ø12Ø12	Ø12	Ø12	16	16	48	30g
203671	DL-A607B	Ø20Ø12	Ø20	Ø12	25	25	73	90g
203672	DL-A608B	Ø20Ø20	Ø20	Ø20	25	25	73	87g
203673	DL-A609B	Ø25Ø20	Ø25	Ø20	32	32	84	160g
203674	DL-A610B	Ø25Ø25	Ø25	Ø25	32	32	84	180g

T字型连接块#2 T-shaped Connection Block

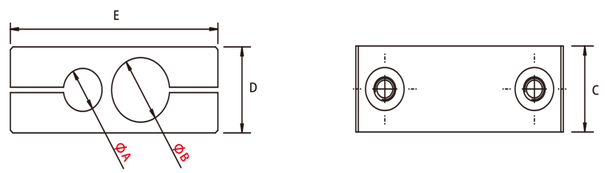




货号No.	型号Model	T字形连接块#2 T-shaped Connection Block	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	重量Weight
203740	DL-A619	Ø8Ø8	Ø8	Ø8	12	28	26	M4	22	21g
203741	DL-A620	Ø8Ø12	Ø12	Ø8	16	28	30	M4	22	28g
203742	DL-A621	Ø12Ø8	Ø8	Ø12	16	35	30	M4	25	34g
203743	DL-A622	Ø12Ø12	Ø12	Ø12	16	35	30	M4	25	30g
203744	DL-A623	Ø12Ø20	Ø20	Ø12	25	44	45	M4	34	93g
203745	DL-A624	Ø20Ø12	Ø12	Ø20	25	54	45	M4	39	122g
203746	DL-A625	Ø20Ø20	Ø20	Ø20	25	51.5	45	M4	39	102g

平行连接块 Parallel Connection Block



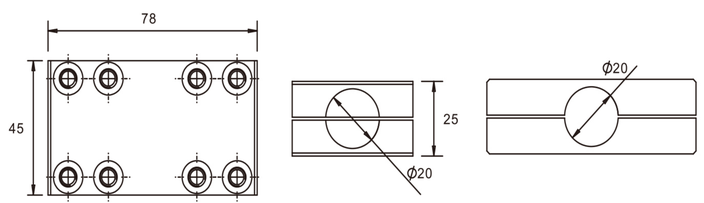


货号No.	型号Model	平行连接块 Parallel Connection Block	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量Weight
203750	DL-A626	Ø8Ø8	Ø8	Ø8	12	12	35	11g
203751	DL-A627	Ø8Ø12	Ø8	Ø12	16	16	43	23g
203752	DL-A628	Ø12Ø12	Ø12	Ø12	16	16	44	20g
203753	DL-A629	Ø20Ø12	Ø20	Ø12	25	25	60	74g
203754	DL-A630	Ø20Ø20	Ø20	Ø20	25	25	64	68g

十字连接块#2 Cross Connection Block#2

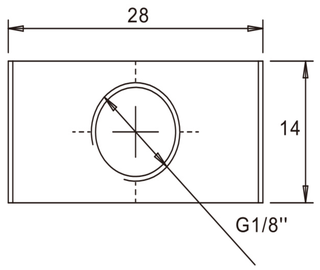


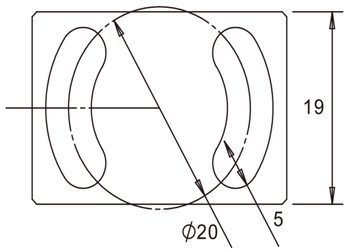
型号Model	DL-A631
货号 No.	203757
重量Weight	172g



十字连接块 Cross Connection Block



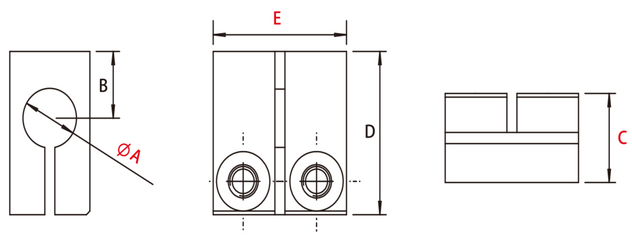




型号 Model	DL-A632
货号 NO.	203758
重量 Weight	11g

一字连接块 Slotted Connection Block

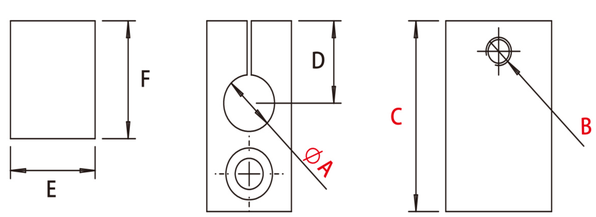




货号No.	型号Model	一字形连接块 Slotted Connection Block	A(mm)	B(mm)	C (mm)	D(mm)	E(mm)	重量 Weight
203759	DL-A633	Ø8	Ø8	9	12	22	20	20g
203760	DL-A634	Ø12	Ø12	12	16	28	30	26g
203761	DL-A635	Ø20	Ø20	17	26	40	50	97g

附加支架 Additional Bracket

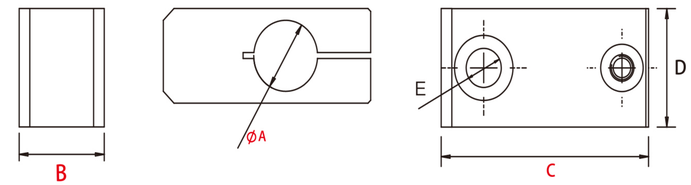




货号No.	型号Model	附加支架 Additional Bracket	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量 Weight
203762	DL-A636	Ø12.M6	Ø12	M6	40.5	17.5	20	25	44g
203763	DL-A637	Ø20.M6	Ø20	M6	46	22	25	25	54g

附加支架 Additional Bracket

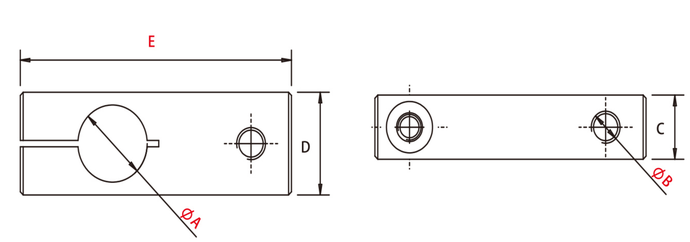




货号No.	型号Model	附加支架 Additional Bracket	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量 Weight
203764	DL-A638	Ø8M5	Ø8	12	35	14	5.5	19g
203765	DL-A639	Ø8M6	Ø8	12	35	14	6.5	19g
203766	DL-A640	Ø12M5	Ø12	16	39	20	5.5	26g
203767	DL-A641	Ø12M6	Ø12	16	39	20	6.5	25g
203768	DL-A642	Ø12M8	Ø12	25	45	20	8.5	25g
203769	DL-A643	Ø20M6	Ø20	25	50	20	6.5	47g
203770	DL-A644	Ø20M8	Ø20	25	50	20	8.5	46g

吸力支架 Suction Bracket

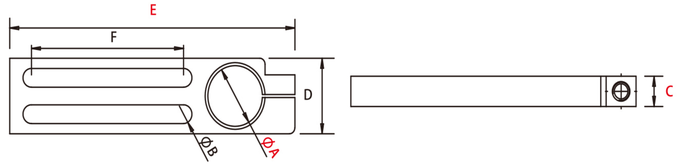




货号No.	型号Model	吸力支架 Suction Bracket	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量 Weight
203771	DL-A645	Ø8M5	Ø8	M5	10	12	33	9g
203772	DL-A646	Ø8M6	Ø8	M6	10	12	33	8g
203773	DL-A647	Ø12M5	Ø12	M5	10	16	47	12g
203774	DL-A648	Ø12M6	Ø12	M6	10	16	47	12g
203775	DL-A649	Ø12PT1/8	Ø12	PT1/8	16	16	47	12g

气缸支架 Cylinder Bracket

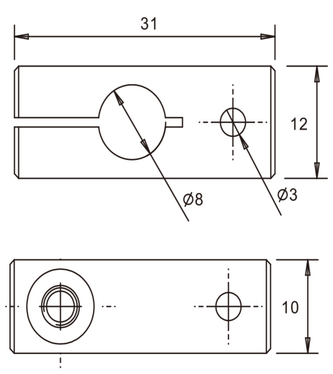




货号No.	型号Model	气缸支架 Cylinder Bracket	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量Weight
203776	DL-A650	Ø8	Ø8	6.5	10	25	90	56	37g
203777	DL-A651	Ø12	Ø12	6.5	10	25	95	56	39g
203778	DL-A652	Ø20	Ø20	6.5	11	25	105	56	48g

传感器支架 Sensor Bracket

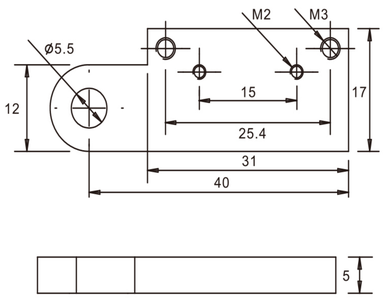




型号Model	DL-A660
货号 No.	203779
重量Weight	9g

传感支架 Sensing Bracket

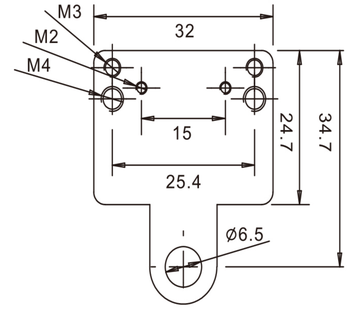




型号Model	DL-A661
货号 No.	203780
重量Weight	9g

传感支架 Sensing Bracket

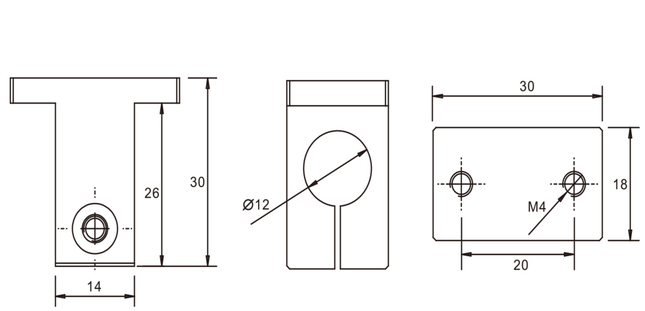




型号Model	DL-A662
货号 No.	203781
重量Weight	12g

夹具支架 Fixture Bracket

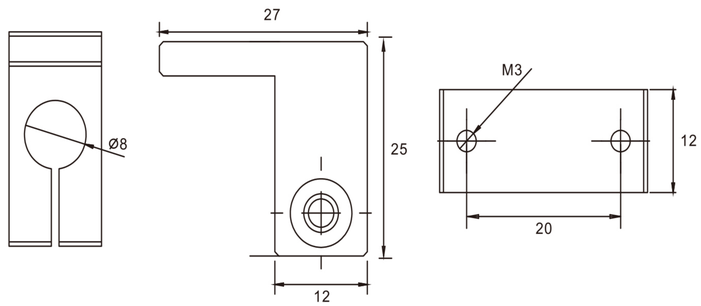




型号Model	DL-A664
货号 No.	203783
重量Weight	19g

支架 UMCD Bracket UMCD

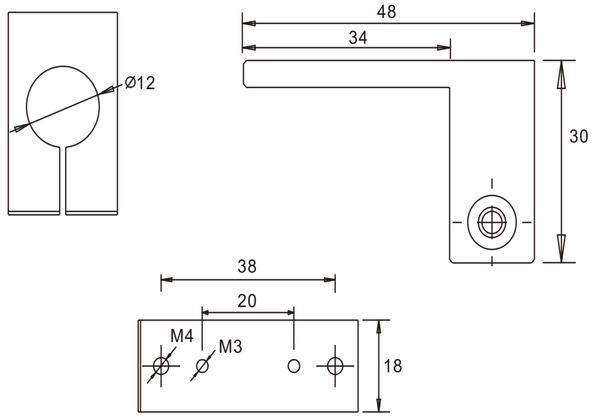




型号Model	DL-A667
货号 No.	203784
重量Weight	10g

支架 UMCD Bracket UMCD

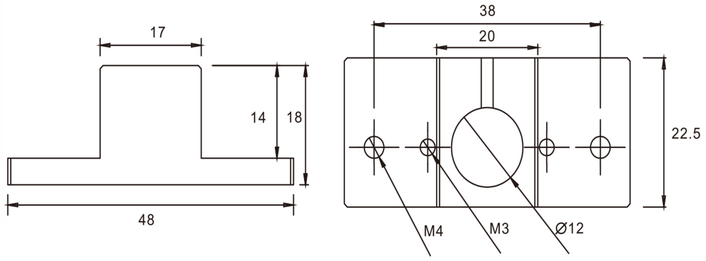




型号Model	DL-A668
货号 No.	203785
重量Weight	22g

支架 MCD Bracket MCD

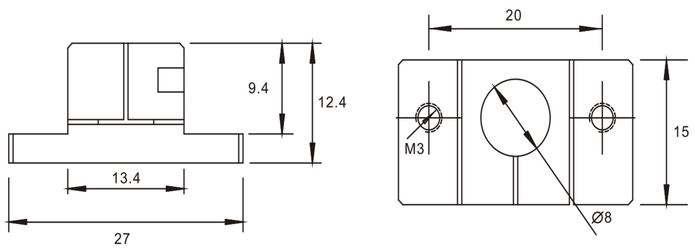




型号Model	DL-A669
货号 No.	203786
重量Weight	21g

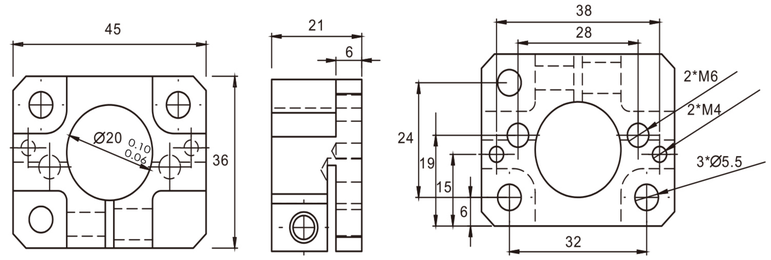
支架 UMCD Bracket UMCD





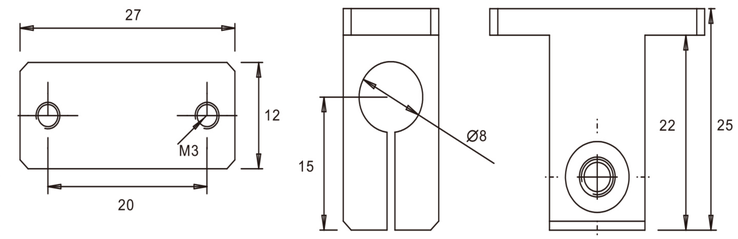
型号Model	DL-A670
货号 No.	203787
重量Weight	7g





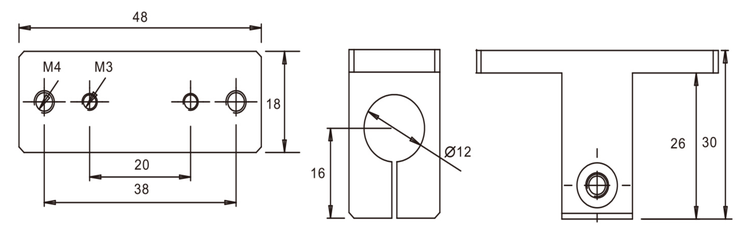
型号Model	DL-A671
货号 No.	203788
重量Weight	55g





型号Model	DL-A672
货号 No.	203789
重量Weight	9g

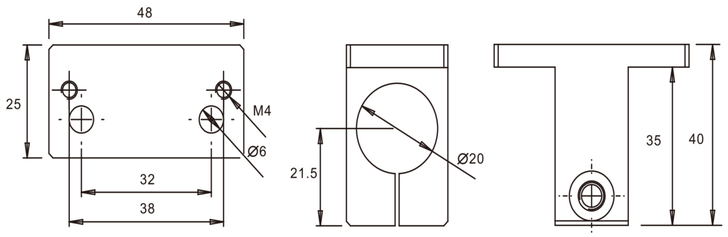




型号Model	DL-A673
货号 No.	203790
重量Weight	23g

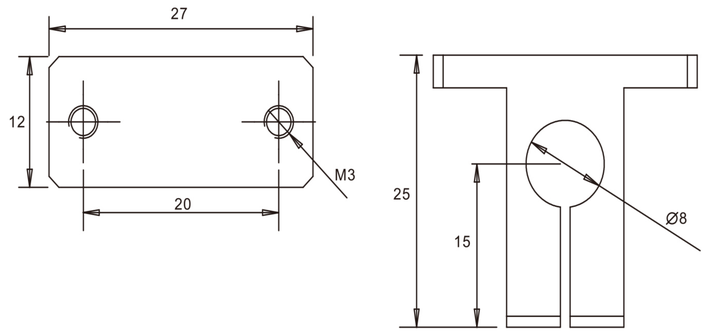
支架 UMCD Bracket UMCD





型号Model	DL-A674
货号 No.	203791
重量Weight	44g

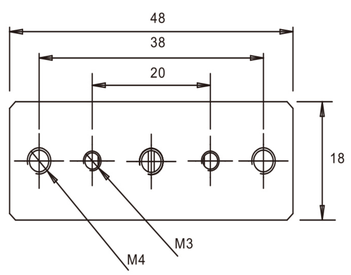


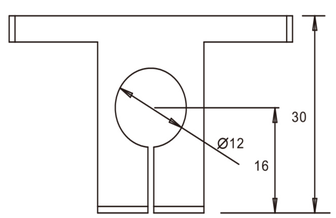


型号Model	DL-A675
货号 No.	203792
重量Weight	10g

支架 MCD Bracket MCD



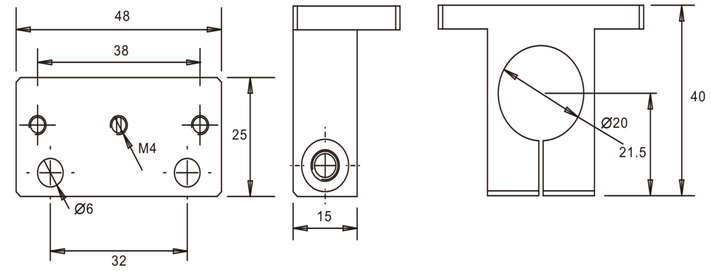




型号Model	DL-A676
货号 No.	203793
重量Weight	26g

支架 MCD Bracket MCD

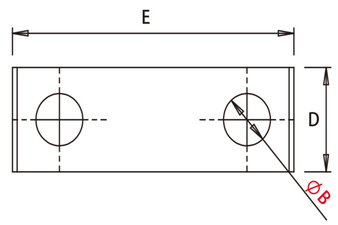


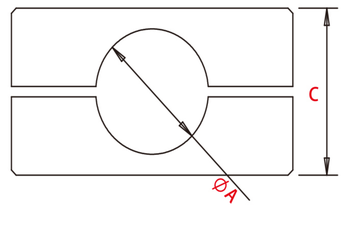


型号Model	DL-A677
货号 No.	203794
重量Weight	40g

支架 Bracket

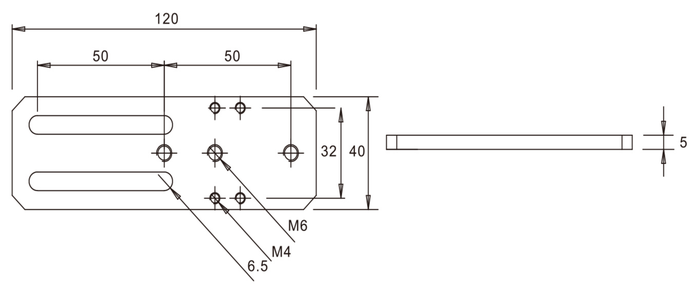






货号No.	型号Model	支架Bracket	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量Weight
203795	DL-A678	Ø8	Ø8	Ø5	16	10	30	11g
203796	DL-A679	Ø12	Ø12	Ø5	16	10	30	15g
203797	DL-A680	Ø20	Ø20	Ø6.5	27	10	40	47g
203798	DL-A681	W.Ø8	Ø8	Ø6.5	16	16	30	11g
203799	DL-A682	W.Ø12	Ø12	Ø5.5	16	16	30	15g
203800	DL-A683	W.Ø20	Ø20	Ø6.5	27	16	40	29g

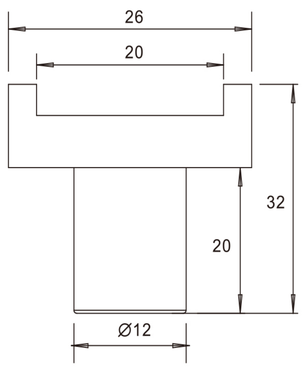


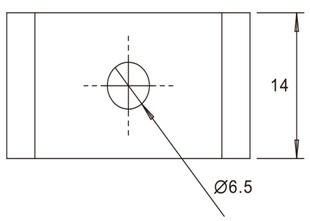


型号Model	DL-A684
货号 No.	203801
重量Weight	51g

旋转支架 Rotating Bracket

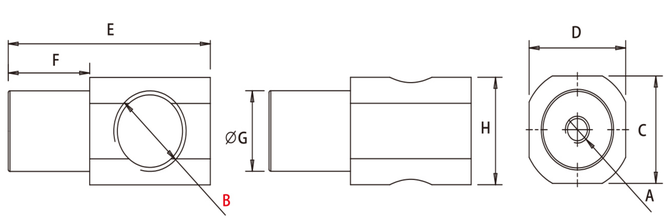






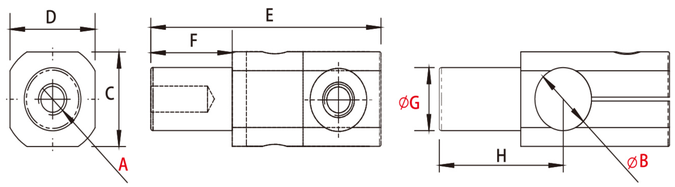
型号Model	DL-A685
货号 No.	203802
重量Weight	12g





货号No.	型号Model	旋转支架 Rotating Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	重量 Weight
203803	DL-A686	M10.8A	M4	M10	14	14	26.5	11.5	Ø8	14	6g
203804	DL-A687	M12.12A	M4	M12	16	16	33.5	13.5	Ø12	16	12g

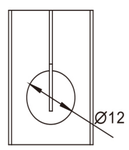


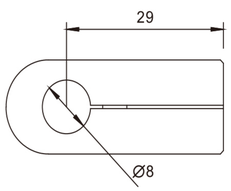


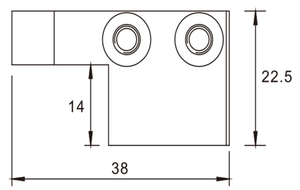
货号No.	型号Model	旋转支架 Rotating Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	重量 Weight
203805	DL-A693	Ø8.8A	M4	Ø8	12	12	32.5	11.5	Ø8	17.5	7.5g
203806	DL-A694	Ø12.8A	M4	Ø12	16	16	37.5	11.5	Ø8	21.5	10g
203807	DL-A695	Ø12.12A	M4	Ø12	16	16	39.5	13.5	Ø12	23.5	15g
203808	DL-A696	Ø12.12AL	M4	Ø12	16	16	55	29	Ø12	39	25g
203809	DL-A697	Ø20.20A	M6	Ø20	25	25	60	20	Ø20	37	61g
203810	DL-A698	Ø20.20AL	M6	Ø20	25	25	85	45	Ø20	62	82g

旋转支架 Rotating Bracket



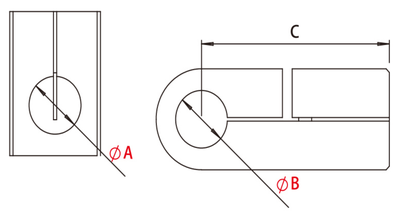


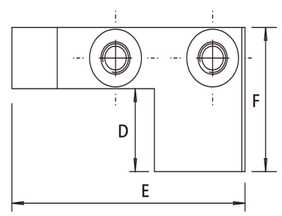




型号Model	DL-A699
货号 No.	203811
重量Weight	20g



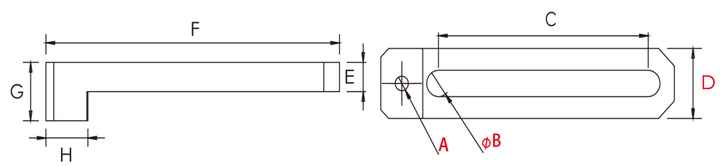




货号No.	型号Model	旋转支架 Rotating Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	重量Weight
203812	DL-A700	Ø8.8B	Ø8	Ø8	29	11.5	36	20	15g
203813	DL-A701	Ø12.12B	Ø12	Ø12	29	14	38	22.5	19g

滑移支架 Slide Bracket

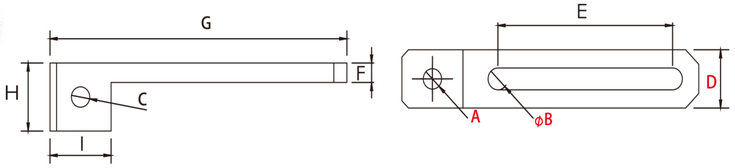




货号No.	型号Model	滑移支架 Slide Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	重量 Weight
203814	DL-A706	40.M3	M3	4.5	40	12	5	56	10	8	8g
203815	DL-A707	40.PT1/8	PT1/8	4.5	40	12	6	68	16	14	11g
203816	DL-A708	70.M3	M3	4.5	70	12	5	86	10	8	10g
203817	DL-A709	70.PT1/8	PT1/8	4.5	70	12	6	98	16	14	11g

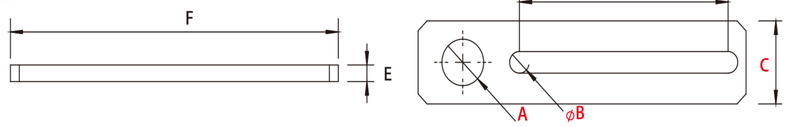
滑移支架 Slide Bracket





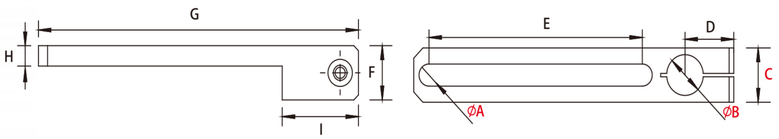
货号No.	型号Model	滑移支架 Slide Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	重量 Weight
203818	DL-A710	40.M5	M5	4.5	M5	12	40	4	68	14	14	10g
203819	DL-A711	40.M6	M6	4.5	M6	12	40	4	68	14	14	10g
203820	DL-A712	70.M5	M5	4.5	M5	12	70	4	98	14	14	12g
203821	DL-A713	70.M6	M6	4.5	M6	12	70	4	98	14	14	12g





货号No.	型号Model	滑移支架 Slide Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	重量 Weight
203822	DL-A714	W.M10	M10	6.5	16	40	5	70	10g
203823	DL-A715	W.M12	M12	6.5	16	40	5	72	10g
203824	DL-A716	W.M17	M17	6.5	25	40	5	80	10g
203825	DL-A717	W.M10	M10	6.5	16	70	5	100	14g
203826	DL-A718	W.M12	M12	6.5	16	70	5	102	14g
203827	DL-A719	W.M17	M17	6.5	25	70	5	110	14g



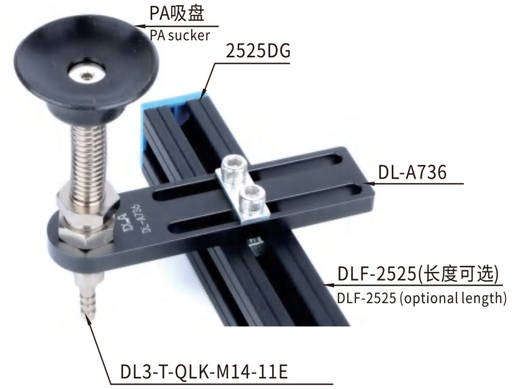


货号No.	型号Model	滑移支架 Slide Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	重量 Weight
203828	DL-A720	Ø8	4.5	Ø8	12	14	40	16	70	6	20	15g
203829	DL-A721	W.Ø8	6.5	Ø8	16	14	40	16	70	6	20	20g
203830	DL-A722	W.Ø12	6.5	Ø12	16	16	40	16	75	6	25	21g
203831	DL-A723	W.Ø20	6.5	Ø20	25	20	40	16	86	6	34	40g
203832	DL-A724	Ø8	4.5	Ø8	16	14	70	16	100	6	20	18g
203833	DL-A725	W.Ø8	6.5	Ø8	16	14	70	16	100	6	20	24g
203834	DL-A726	W.Ø12	6.5	Ø12	16	16	70	16	105	6	25	25g
203835	DL-A727	W.Ø20	6.5	Ø20	25	20	70	16	116	6	34	49g

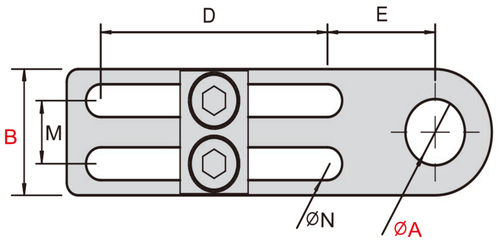
固定支架 Mounting Bracket

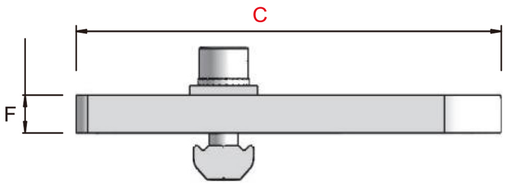
运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





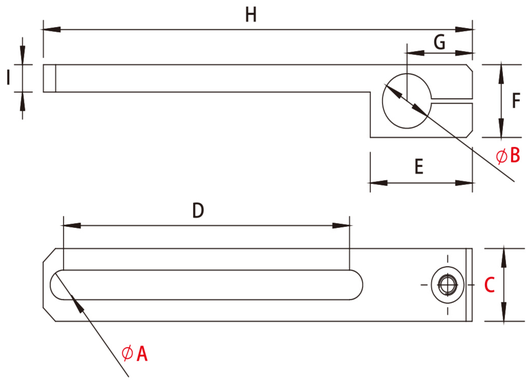




货号 No.	型号 (Model)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	M (mm)	N (mm)	重量 (Weight)	配套螺丝 Sus Screws	配套双孔平垫 Double tooth flat pad	配套T型螺母 T-Nuts
203837	DL-A729	G1/8	20	75	40	19	6	10	Ø5.1	15g	DLM5-16*2	DL-006DP*1	DL-006*1
203838	DL-A730	G1/8	25	105	60	26.5	6	15	Ø5.1	29g	DLM5-16*2	DL-009DP*1	DL-009*1
203839	DL-A731	M10*1	20	75	40	19	6	10	Ø5.1	15g	DLM5-16*2	DL-006DP*1	DL-006*1
203840	DL-A732	M10*1	25	105	60	26.5	6	15	Ø5.1	30g	DLM5-16*2	DL-009DP*1	DL-009*1
203841	DL-A733	M12*1	20	75	40	19	6	10	Ø5.1	14g	DLM5-16*2	DL-006DP*1	DL-006*1
203842	DL-A734	M12*1	25	105	60	26.5	6	15	Ø5.1	28g	DLM5-16*2	DL-009DP*1	DL-009*1
203843	DL-A735	M14*1	20	75	40	19	6	10	Ø5.1	14g	DLM5-16*2	DL-006DP*1	DL-006*1
203844	DL-A736	M14*1	25	105	60	26.5	6	15	Ø5.1	28g	DLM5-16*2	DL-009DP*1	DL-009*1
203845	DL-A737	M16*1	20	75	40	19	6	10	Ø5.1	13g	DLM5-16*2	DL-006DP*1	DL-006*1
203846	DL-A738	M16*1	25	105	60	26.5	6	15	Ø5.1	28g	DLM5-16*2	DL-009DP*1	DL-009*1
203847	DL-A739	M20*1	25	75	40	19	6	15	Ø5.1	17g	DLM5-16*2	DL-009DP*1	DL-009*1
203848	DL-A740	M20*1	25	105	60	26.5	6	15	Ø5.1	26g	DLM5-16*2	DL-009DP*1	DL-009*1

滑移支架 Slide Bracket

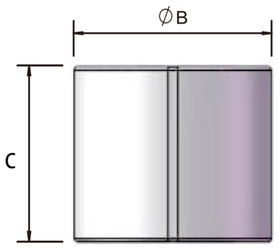


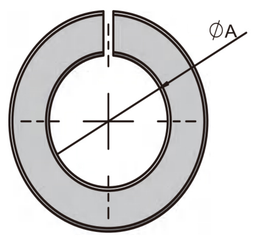


货号No.	型号Model	滑移支架 Slide Bracket	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	重量 Weight
203860	DL-A750	T.WØ8	6.5	Ø8	16	40	20	16	14	70	6	22g
203861	DL-A751	T.Ø8	4.5	Ø8	12	40	20	16	14	70	6	22g
203862	DL-A752	T.Ø12	6.5	Ø12	16	40	25	16	16	75	6	21g
203863	DL-A753	T.Ø20	6.5	Ø20	25	40	34	25	20	86	6	54g
203864	DL-A754	T.WØ8	6.5	Ø8	16	70	20	16	14	100	6	25g
203865	DL-A755	T.Ø8	4.5	Ø8	12	70	20	16	14	100	6	19g
203866	DL-A756	T.Ø12	6.5	Ø12	16	70	25	16	16	105	6	26g
203867	DL-A757	T.Ø20	6.5	Ø20	25	70	34	25	20	116	6	62g

套筒 Sleeve







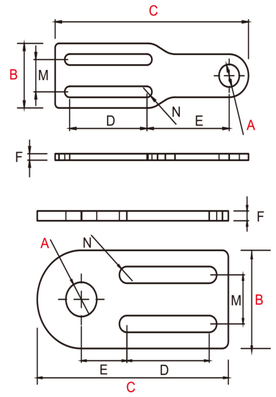
货号No.	型号Model	套筒 Sleeve	A(mm)	B(mm)	C(mm)	重量Weight
203890	DL-A741	Ø12Ø8	Ø8	Ø12	16	6g
203891	DL-A742	Ø20Ø12	Ø12	Ø20	16	9g
203892	DL-A743	Ø20Ø8	Ø8	Ø20	16	11g
203893	DL-A744	Ø25Ø20	Ø20	Ø25	16	20g

固定支架 Mounting Bracket

运用实例 / Application example

注:如需螺钉配件 请在型号和货号后加G 如:DL-A175G 货号:203501G





货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	M(mm)	N(mm)	重量(Weight)
203870	DL-A761	Ø10.5	30	65	28	15.5	3	15	Ø5.1	45g
203871	DL-A762	Ø12.5	30	65	28	15.5	3	15	Ø5.1	45g
203872	DL-A763	Ø14.5	30	65	28	15.5	3	15	Ø5.1	45g
203873	DL-A764	Ø16.5	30	65	28	15.5	3	15	Ø5.1	45g
203874	DL-A765	Ø20.5	30	65	28	15.5	3	15	Ø5.1	40g
203875	DL-A766	Ø22.5	35	70	28	17	5	15	Ø5.1	75g
203876	DL-A767	Ø25.5	35	70	28	17	5	15	Ø5.1	70g
203877	DL-A768	Ø10.5	30	100	40	42.5	3	15	Ø5.1	60g
203878	DL-A769	Ø12.5	30	100	40	42.5	3	15	Ø5.1	60g
203879	DL-A770	Ø14.5	30	100	40	42.5	3	15	Ø5.1	65g
203880	DL-A771	Ø16.5	30	100	40	42.5	3	15	Ø5.1	60g
203881	DL-A772	Ø20.5	30	100	40	42.5	3	15	Ø5.1	60g
203882	DL-A773	Ø22.5	35	100	40	40	5	15	Ø5.1	105g
203883	DL-A774	Ø25.5	35	100	40	40	5	15	Ø5.1	100g

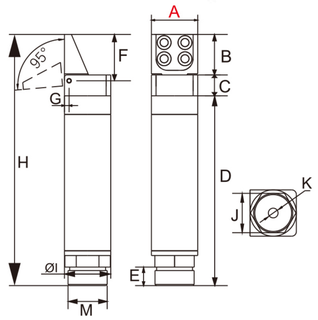
货号 No.	配套螺丝 Sus Screws	配套双孔平垫 Double tooth flat pad	配套T型螺母 T-Nuts
DL-A761	DLM5-12*2	DL-009DP	DL-009*1
DL-A762	DLM5-12*2	DL-009DP	DL-009*1
DL-A763	DLM5-12*2	DL-009DP	DL-009*1
DL-A764	DLM5-12*2	DL-009DP	DL-009*1
DL-A765	DLM5-12*2	DL-009DP	DL-009*1
DL-A766	DLM5-14*2	DL-009DP	DL-009*1
DL-A767	DLM5-14*2	DL-009DP	DL-009*1
DL-A768	DLM5-12*2	DL-009DP	DL-009*1
DL-A769	DLM5-12*2	DL-009DP	DL-009*1
DL-A770	DLM5-12*2	DL-009DP	DL-009*1
DL-A771	DLM5-12*2	DL-009DP	DL-009*1
DL-A772	DLM5-12*2	DL-009DP	DL-009*1
DL-A773	DLM5-14*2	DL-009DP	DL-009*1
DL-A774	DLM5-14*2	DL-009DP	DL-009*1

单指气夹（DOFR系列）
One Finger Angular Pneumatic Grippers

• 单一动作。
Single action







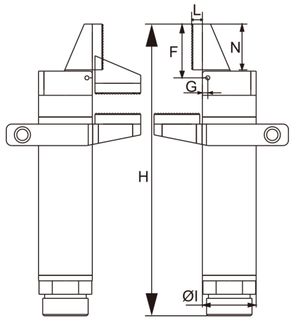
货号 No.	405010	405011	405012
型号 Model	DOFR14-95	DOFR20-95	DOFR30-95
介质 Medium	已过滤，润滑型 / 未润滑型压缩空气 Filtered, lubricated/unlubricated compressed air		
夹具体 Clamp part	铝制		
压力范围 Pressure range	2.5 ~ 8 bar		
温度范围 Temperature range	5 ~ 60 °C		
行程 Travel	95°		
活塞孔 Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6bar压力下的关闭扭矩 Ending torque at 6 bar pressure	19Ncm	70 Ncm	300Ncm
循环空气消耗量 Circulating air consumption	1 cm^3	3.52cm^3	12.9 cm^3
重量 Weight	25g	65g	193g

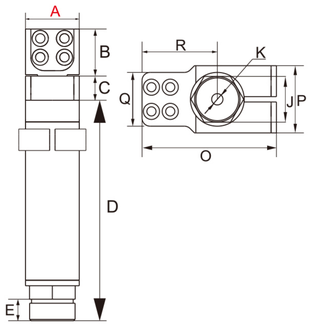
型号(Model)	DOFR14-95	DOFR20-95	DOFR30-95
A	14	20	30
B	12	17.5	25
C	10.5	9	12
D	49.5	83	111
E	5.5	8	11
F	14	20	29
G	2	2.5	4
H	72	109	148
I	Ø14	Ø20	Ø30
J	12	17	27
K	M5	M5	M5
M	M12x1	M17x1	M27x1

单指气夹（DOFR-G系列）
One Finger Angular Pneumatic Grippers

• 单一动作。
Single action







货号 No.	405013	405014	405015
型号 Model	DOFR14-95G	DOFR20-95G	DOFR30-95G
介质 Medium	已过滤，润滑型 / 未润滑型压缩空气 Filtered, lubricated/unlubricated compressed air		
夹具体 Clamp part	铝制		
压力范围 Pressure range	2.5 ~ 8 bar		
温度范围 Temperature range	5 ~ 60 °C		
行程 Travel	95°		
活塞孔 Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6bar压力下的关闭扭矩 Ending torque at 6 bar pressure	19Ncm	70 Ncm	300Ncm
循环空气消耗量 Circulating air consumption	1 cm^3	3.52cm^3	12.9 cm^3
重量 Weight	30g	100g	300g

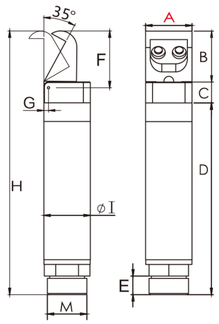
型号(Model)	DOFR14-95G	DOFR20-95G	DOFR30-95G
A	14	20	30
B	12	17.5	25
C	10.5	9	12
D	49.5	83	111
E	5.5	8	11
F	14	20	29
G	2	2.5	4
H	72	109	148
I	Ø14	Ø20	Ø30
J	12	17	27
K	M5	M5	M5
L	2.5	2.5	3
M	M12×1	M17×1	M27×1
N	11	15	20
O	32	50	63
P	19	25	37
Q	14	20	30
R	19	27.5	40

单指气夹（DOFA系列）One Finger Angular Pneumatic Grippers

• 单一动作
Single action







型号 Model	DOFA14-35	DOFA20-35	DOFA30-35
介质 Medium	已过滤，润滑型 / 未润滑型压缩空气 Filterrd,lubricated/unlubricated compressed air		
夹具体 Clamp part	铝制		
压力范围 Pressure range	2.5 ~ 8 bar		
温度范围 Temperature range	5 ~ 60 °C		
行程 Travel	35°		
活塞孔 Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6bar压力下的关闭扭矩 Ending torque at 6 bar pressure	26Ncm	100 Ncm	430Ncm
循环空气消耗量 Circulating air consumption	0.4cm^3	1.24cm^3	4.56 cm^3
重量 Weight	25g	65g	206g

货号 (No.)	405016	405017	405018
型号(Model)	DOFA14-35	DOFA20-35	DOFA30-35
A	14	20	30
B	14	22	30
C	10.5	9	12
D	49.5	82.5	113
E	5.5	8	11
F	13.5	24.5	34
G	2	2	3.5
H	74	113.5	155
I	14	20	30
J	12	17	27
K	M5	M5	G1/4
M	M12x1	M17x1	M27x1

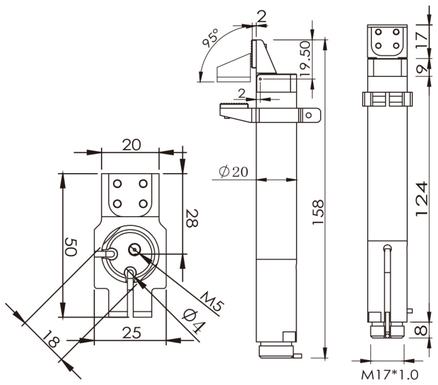
单指气夹（带检测功能）
One Finger Angular Pneumatic Grippers with the function of detection



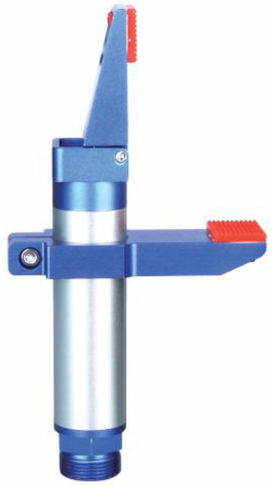
型号Model	DOFR20-95S
货号 No.	405019

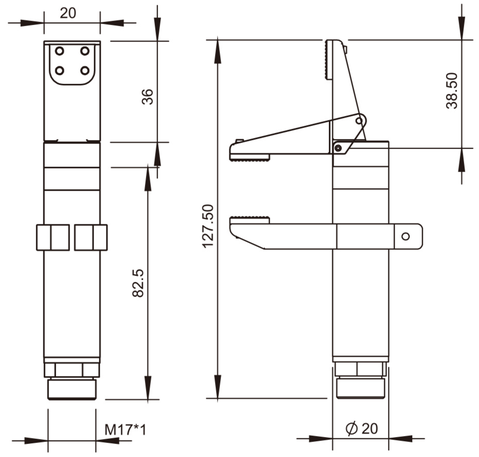


型号Model	DOFR20-95GS
货号 No.	405020



单指气夹（DOFR-G系列）One Finger Angular Pneumatic Grippers

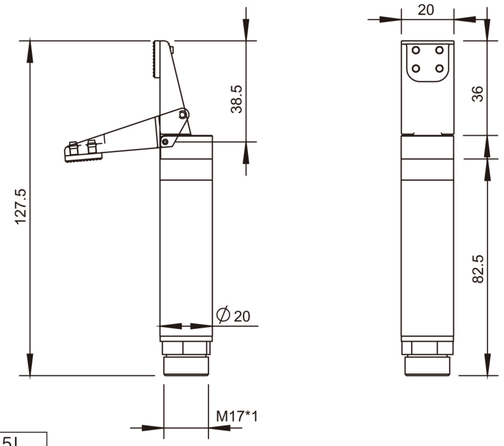




型号Model	DOFR20-95GL
货号 No.	405023

单指气夹（DOFR-G系列）One Finger Angular Pneumatic Grippers

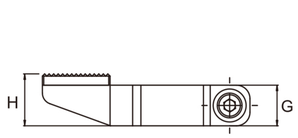


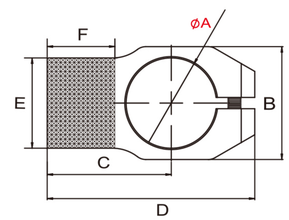


型号Model	DOFR20-95L
货号 No.	405024

单指气夹可选部品 Optional Parts for One Finger Angular Pneumatic Grippers

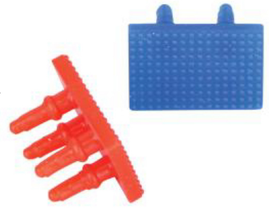
货号(No.)	405028	405029	405030
型号(Model)	DOF14G	DOF20G	DOF30G
A(mm)	Ø14	Ø20	Ø30
B(mm)	19	25	37
C(mm)	14	20	30
D(mm)	32	43.5	63
E(mm)	19	27.5	40
F(mm)	10	9.5	12
H(mm)	11	15	20
G(mm)	6	7	9
重量(Weight)	6g	12g	30g





胶皮 Rubber

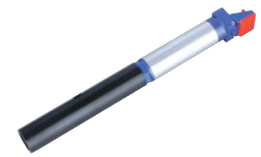
货号(No.)	405031	405032	405033
型号(Model)	DOF14JP	DOF20JP	DOF30JP



延长杆 Extension rod

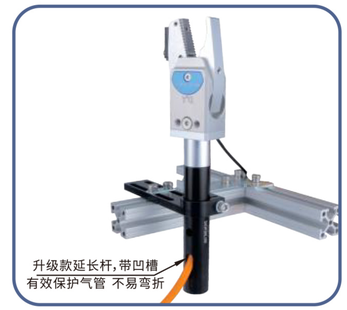
运用实例 / Application example



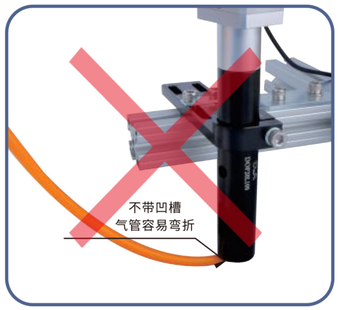




货号（No.）	型号（Model）	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量（Weight）
405034	DOF14L50	14	M12*1. 0	12	50	6	10g
405035	DOF14L100	14	M12*1. 0	12	100	6	20g
405036	DOF20L50	20	M17*1. 0	15	50	7	16g
405037	DOF20L100	20	M17*1. 0	15	100	7	31g
405038	DOF20L150	20	M17*1. 0	15	150	7	46g
405039	DOF25L50	25	M17*1. 0	18	50	7	23g
405040	DOF25L100	25	M17*1. 0	18	100	7	52g
405041	DOF30L50	30	M27*1. 0	18	50	9	29g
405042	DOF30L100	30	M27*1. 0	18	100	9	58g



Upgraded extended rod with groove
Effectively protect the air pipe from bending

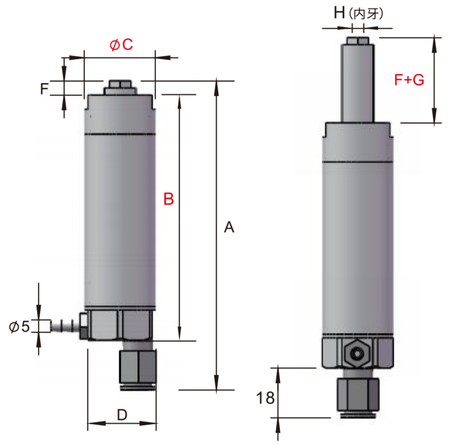


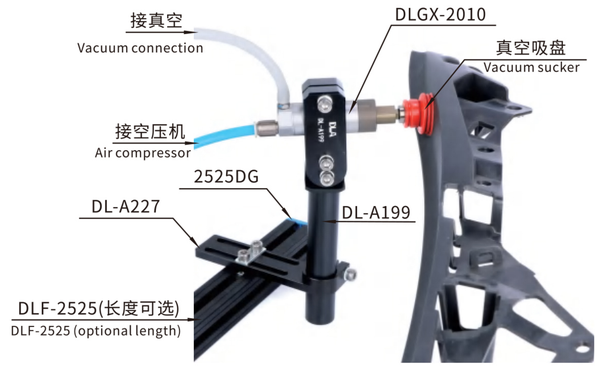
Without grooves
The air pipe is easy to bend

管型气缸 Tubular Cylinder

治具实际制作中，经常需要在气缸前端增加吸附功能，以达到将模内产品吸附的功能，使用传统方式，气管较长，且会在气缸等金属原件上来回摩擦，不利于长时间运作，存在隐患。我司开发的这款气缸，外观采用圆筒形，便于安装在各种固定块上，通用性强；气缸杆内部有气道，吸气从气缸尾部而出，简化了安装过程，提高了使用寿命，便于维护与保养。

In the actual production of jigs, it is often necessary to add an adsorption function at the front end of the cylinder to adsorb products in the mould. In the conventional way, the air pipe is long and will rub back and forth on the metal parts such as cylinder, which is not conducive to long-term operation with hidden dangers. The cylinder developed by our company has a cylindrical shape for easy installation on various fixed blocks with high universality. There is an airway in the cylinder rod and sucked air is discharged out of the tail of the cylinder, which simplifies the installation process, improves the work life and facilitates maintenance.











货号（No.）	型号（Model）	A(mm)	B(mm)	C(mm)	D(mm)	F(mm)	G(mm)行程	H	重量（Weight）
405050	DLGX-2010	81	59	20	18	4	10	M5	52g
405051	DLGX-2020	91	69	20	18	4	20	M5	58g
405052	DLGX-2030	102	80	20	18	4	30	M5	65g
405053	DLGX-2050	132	105	20	18	9	50	M5	79g
405054	DLGX-3030	113	92	30	28	3	30	G1/8	116g

鼓胀器 Bulging Device

运用实例 / Application example



货号 No.	型号 Model	ØA	ØB	ØC	ØD	F	G	H	I	L	M	N	Z	适配橡胶圈型号 Suitable rubber ring model
405056	DLD08HL	8	11	14	14	5.5	M12x1	59.2	14	7	9.2	5.7	M3	DLD08HLS1 DLD08HLS2
405057	DLD10HL	10.5	13	14	14	5.5	M12x1	60.7	14	8.5	10.7	6.7	M3	DLD10HLS1 DLD10HLS2
405058	DLD12HL	13	17	14	14	5.5	M12x1	62	14	10.5	13	7.5	M3	DLD12HLS1 DLD12HLS2
405059	DLD14HL	15	19	14	14	5.5	M12x1	62.3	14	13	15.8	8.8	M3	DLD14HLS1 DLD14HLS2
405060	DLD16HL	18	21	14	14	5.5	M12x1	62.3	14	13	15.8	8.8	M3	DLD16HLS1 DLD16HLS2
405061	DLD18HL	19.5	24	18	14	5.5	M12x1	70.5	14	16.5	19.5	12	M5	DLD18HLS1 DLD18HLS2
405062	DLD20HL	22.5	26	18	14	5.5	M12x1	70.5	14	16.5	19.5	12	M5	DLD20HLS1 DLD20HLS2
405063	DLD22HL	24	30.5	21.5	14	5.5	M12x1	80	14	21	24.2	12.2	M5	DLD22HLS1 DLD22HLS2
405064	DLD27HL	28	37	25	20	8	M17x1	98	20	26	30	18	M5	DLD27HLS1 DLD27HLS2

硅橡胶 Silicone

运用实例 / Application example

备用的橡胶圈部件
Spare rubber ring parts



S1
黑色硅橡胶
Black Silicone

橡胶圈部分采用黑色硅橡胶或白色硅橡胶。
The rubber ring part adopts black silicone rubber or white silicone rubber.

硅橡胶可提供较高的温度范围，确保较长的使用寿命。
Silicone rubber can provide a higher temperature range to ensure a longer service life.



S2
白色硅橡胶
White silicone

硅橡胶（黑色或白色）橡胶圈可作为备件，磨损后可替换。
Silicone rubber (black or white) rubber rings can be used as spare parts and can be replaced after wear.

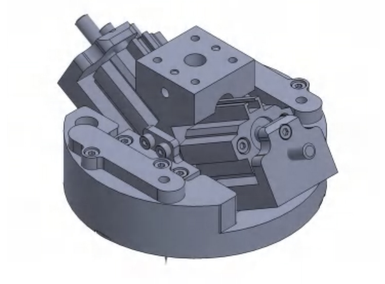
硅橡胶制成的橡胶圈预计可使用100万次。
Rubber rings made of silicone rubber are expected to be used 1 million times.

橡胶圈出货时可有客户选定
Customers can choose rubber rings when shipping

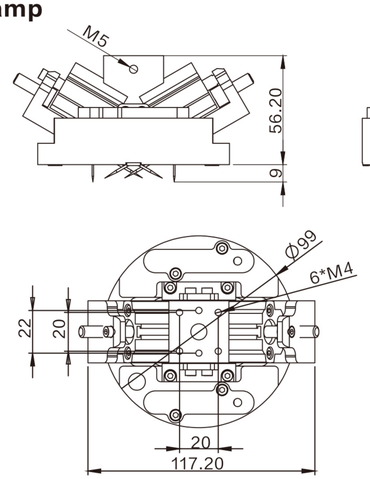
T-橡胶圈部件的操作温度（夹具主体5~60°C）
Operating temperature of T-rubber ring parts (fixture body 5 ~ 60°C)

气动针夹（14针） Pneumatic Needle Clamp

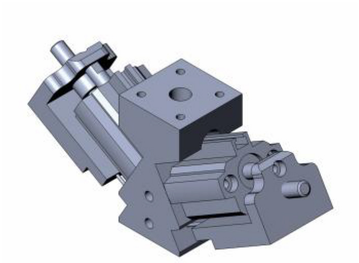
带吸附针夹 With Adsorption Needle Clamp



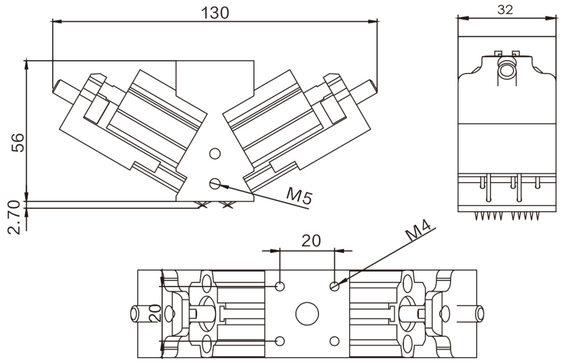
型号Model	DLZJ-BVX
货号 No.	405075



通用针夹（10针）Universal Needle Clamp



型号Model	DLZJ-V8
货号 No.	405076





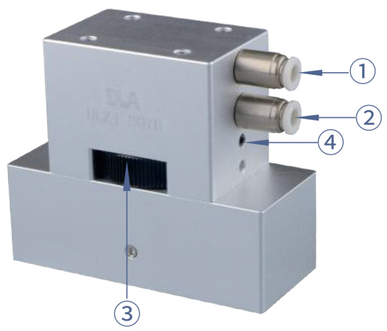


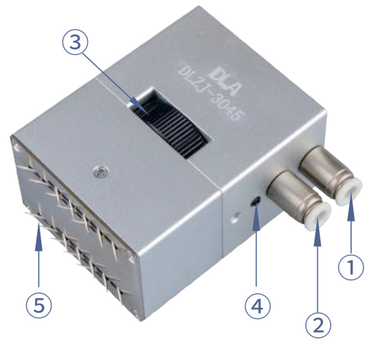
气动针夹 Pneumatic Needle Grippers

特点： Features

- 本产品采用滚轮精准调节行程，可对网状物件、海绵、布类产品进行单片抓取。
  This product uses rollers to accurately adjust the stroke, and can capture mesh objects, sponges and cloth products on a single piece.
- 多针组合排列设计、扩大抓取接触面积。
  Design of multi-pin combination arrangement and enlarge the capture contact area.
- 气动运动装置，稳定可靠，可安全轻柔搬运多孔纤维材质。
  Pneumatic motion device, stable and reliable, can safely and gently carry porous fiber material.
- 取放频率高达2S/次，节拍可控，生产效率高。
  Up to 2s/time, controllable beat and high production efficiency.
- 模块化设计，轻松对接机械手。
  Modular design, easy docking manipulator.

型号 (Model)	介质 (Medium)	压力范围 (Pressure range)	夹取力 (Gripping force)	行程 (Stroke)	材质 (Material)	针数 (PIN)
DLZJ-3045	压缩空气	0.5-0.8Mpa	29N	0-5mm	SUS304	20支
DLZJ-3070			38N			36支





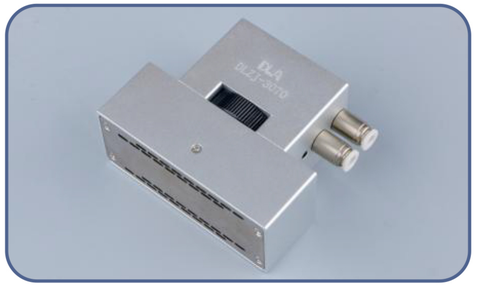
① 4mm常开/常闭气源
4mm normally open/normally closed air source

② 4mm常开/常闭气源
4mm normally open/normally closed air source

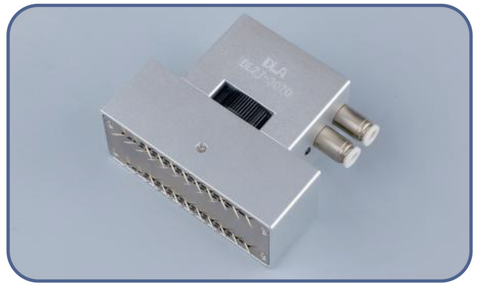
③ 行程调节旋钮
Travel adjustment knob

④ 行程锁紧螺丝
Travel locking screw

⑤ 钢针行程0-5mm可调
Steel needle stroke 0-5mm adjustable



钢针未伸出示意图
Schematic diagram of steel needle not extending

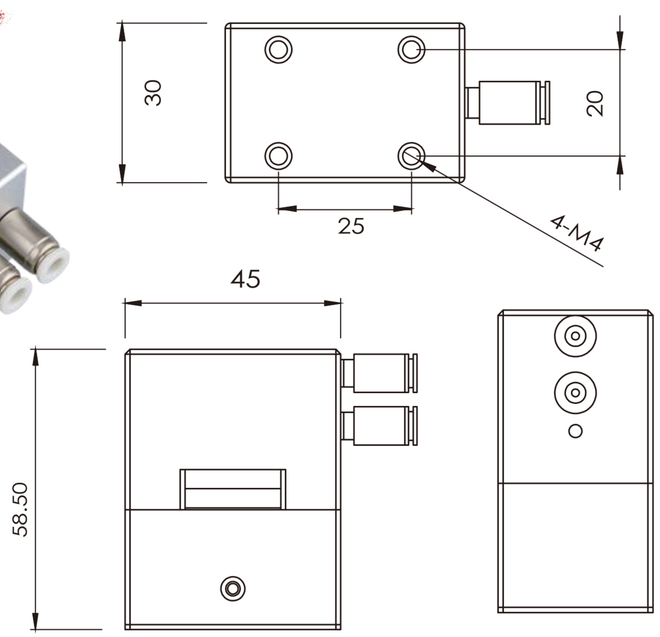


钢针伸出示意图
Schematic diagram of steel needle extension

气动针夹 Pneumatic Needle Grippers



型号Model	DLZJ-3045
货号 No.	405078



气动针夹使用示意图 Operation Schematic diagram of Pneumatic Needle Grippers

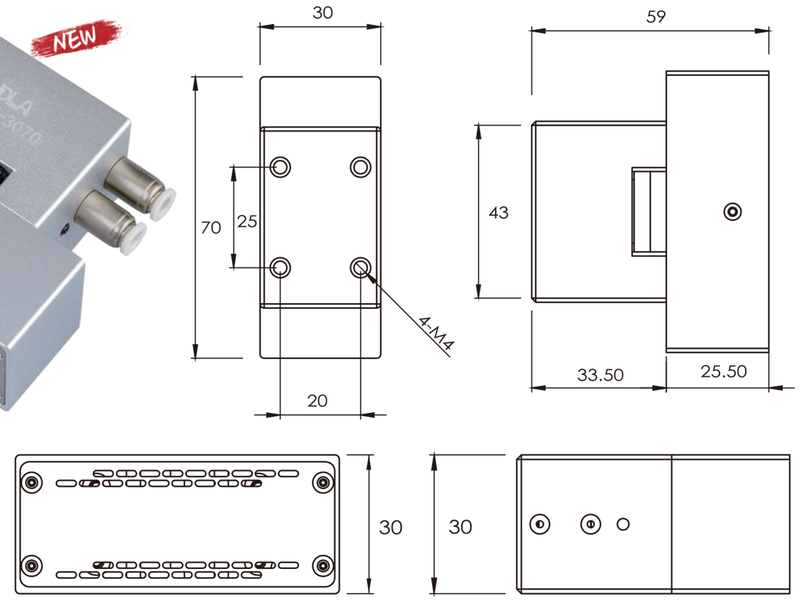




气动针夹 Pneumatic Needle Grippers



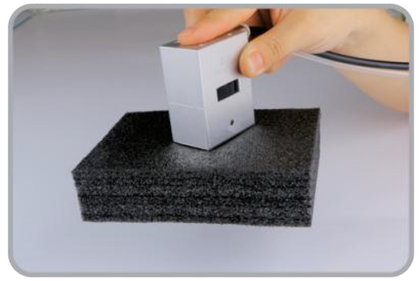
型号Model	DLZJ-3070
货号 No.	405079

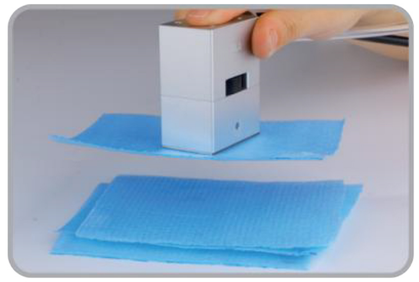


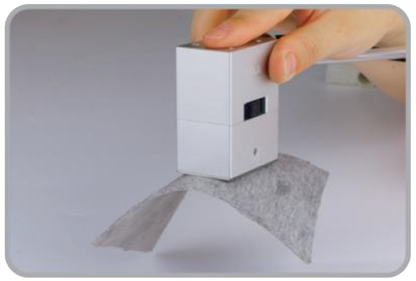
运用实例 / Application example

运用实例 / Application example







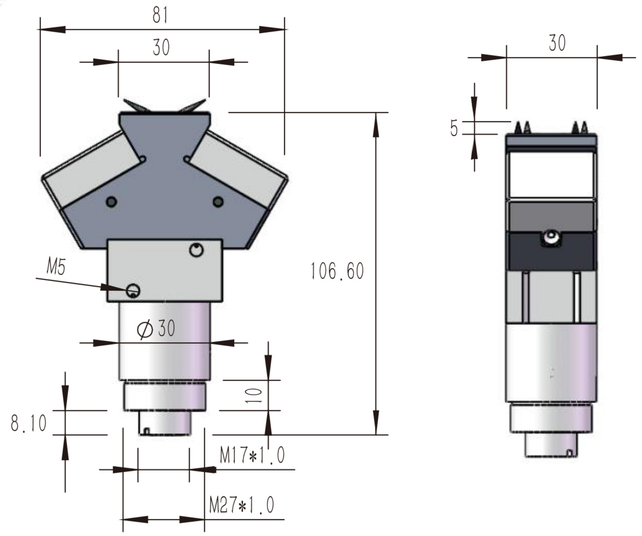


气动针夹 Pneumatic Needle Grippers

特点： Features

- 本产品可精准调节行程，可对网状物件、海绵、布类产品进行单片抓取。
  This product can accurately adjust the stroke, and can capture mesh objects, sponges and cloth products on a single piece.
- 气动运动装置，稳定可靠，可安全轻柔搬运多孔纤维材质。
  Pneumatic motion device, stable and reliable, can safely and gently carry porous fiber material.
- 取放频率高达2S/次，节拍可控，生产效率高。
  Up to 2s/time, controllable beat and high production efficiency.
- 模块化设计，轻松对接机械手。
  Modular design, easy docking manipulator.





型号Model	DLPT25
货号 No.	405077



① 退回进气口M5内螺纹
Steel needle return, M5 internal thread

② 伸出进气口M5内螺纹
Steel needle extension, M5 internal thread

③ 钢针行程0-5mm可调
Steel needle stroke 0-5mm adjustable

④ 钢针调节旋钮
Steel needle adjustment knob

⑤ M3固定螺丝孔
M3 fixed screw hole

⑥ M3固定螺丝孔
M3 fixed screw hole

气动针夹 Pneumatic Needle Grippers

- 行程调节
- 针爪自对中。
- 因此，活塞终端行程决定了所有针的行程。
- 拧松螺丝之后，针的行程可以通过1元的硬币来调节。

- Travel adjustment
- Needle claw self-aligning.
- Therefore, the stroke of the piston terminal determines the stroke of all needles.
- After loosening the screw, the stroke of the needle can be adjusted by a 1-yuan coin.

型号 (Model)	介质 (Medium)	压力范围 (Pressure range)	温度范围 (Temperature range)	6 bar压力下打开总夹取力 (opening total gripping force at 6 bar)	针伸缩行程 Telescopic stroke of the needle	循环空气消耗量 (Cycle air consumption)
DLPT25	已过滤润滑型 未润滑型压缩空气	3-8bar	5°-60°C	90N	0-5mm	3.5cm³

气动针夹使用示意图 Operation Schematic diagram of Pneumatic Needle Grippers



使用内六角扳手转动螺丝，并拧松
Use a hexagon wrench to rotate the screw and loosen it



再使用1元硬币卡住螺牙凹槽
Use a 1-yuan coin to jam the screw groove

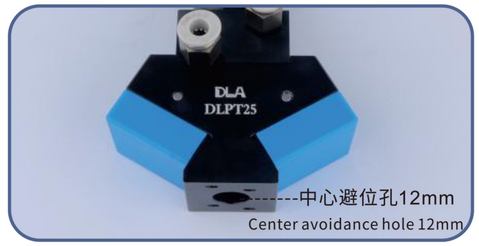
顺指针转动卡槽，行程减小
Rotate the slot along the pointer to reduce the stroke.

逆时针转动卡槽，行程增加
Turn the slot counterclockwise to increase the stroke.

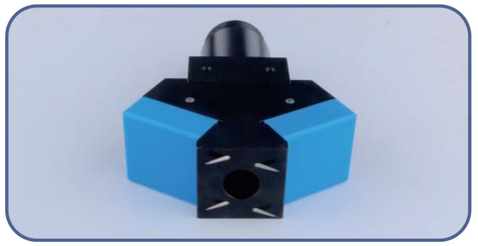


根据产品情况，调节好插针位置
Adjust the pin position according to the product condition

并锁紧螺丝
And lock the screws



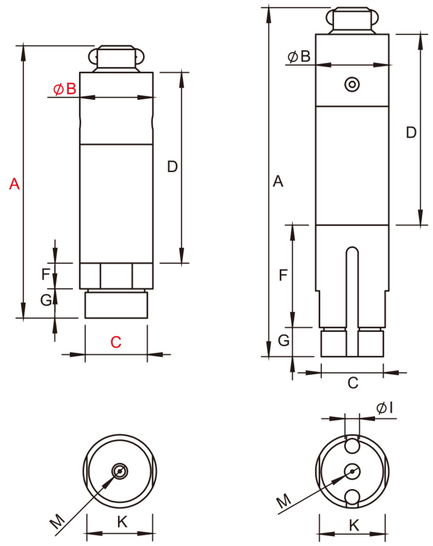
钢针未伸出示意图
Schematic diagram of steel needle not extending



钢针伸出示意图
Schematic diagram of steel needle extension

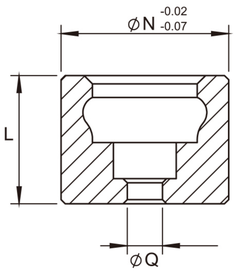
模具定位器 Mould Positioner

货号(No.)	405080	405081	405082	405083
型号(Model)	DAGG14	DAGG20	DAGG20B	DAGG30B
A	74.5	74.5	95.5	136
B	14	20	20	30
C	M12*1.0	M17*1.0	M17*1.0	M27*1.0
D	52	52	52.5	74
F	7	7	28	40
G	8	8	8	11
I			3.8	3.8
M	M5	M5	M5	M5
K			18	27

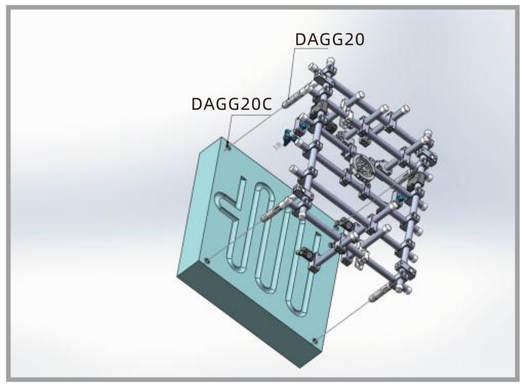


货号(No.)	405085	405086	405087
型号(Model)	DAGG14C	DAGG20C	DAGG30C
L	13	15.3	20.8
N	14	20	30
Q	3.2	4.2	5.2





运用实例 / Application example





双钳口斜口气夹 Two-jaw Diagonal Air Clamp

型号表示方法
Model representation

DGRZ - 16 - 12 - CS1 - N

- DGRZ：系列 Series
- 16：缸径 Cylinder diameter
- 12：安装直径 Installation diameter
- CS1：夹头类型 Chuck type

CS1	CS1系列
Z	Z系列
S	S系列
E	E系列

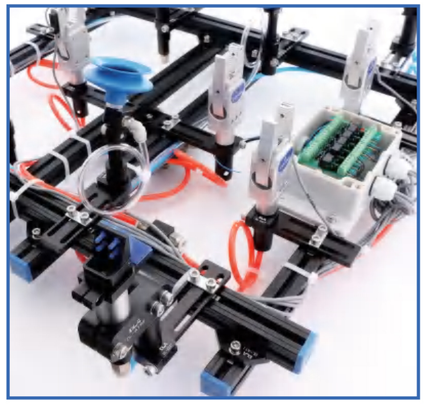
- N：开关类型 Switch type

N	NPN接近开关
P	PNP接近开关
GN	GN磁性开关NPN
GP	GP磁性开关PNP

安装方式/Installation method



示例一
Example 1



示例二
Example 2

运用实例 / Application example

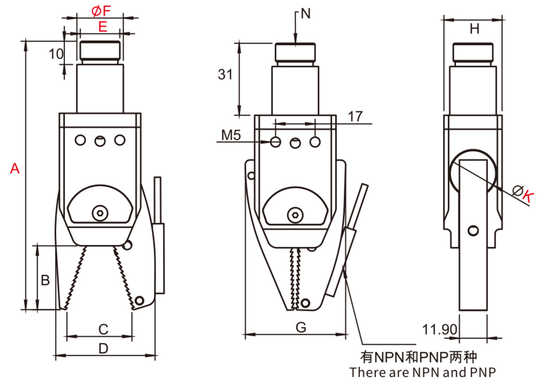




双钳口斜口气夹 Two-jaw Diagonal Air Clamp

CS1系列 CS1 Series



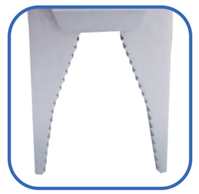


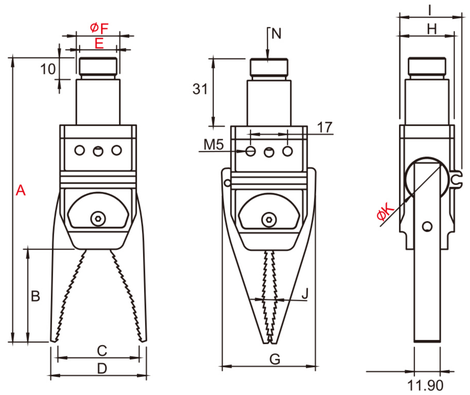
货号（No.）	型号（Model）	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	N(接气管)	K缸径 (mm)	传感器 (Sensor)	重量 (Weight)
405201	DGRZ16-12CS1-N	115.5	27.6	24	40	M10*1.0	Ø12	42	22	M5内牙	Ø16	NPN	170g
405202	DGRZ16-12CS1-P											PNP	
405203	DGRZ16-20CS1-N	115.5	27.6	24	40	M17*1.0	Ø20	42	22	4mm,6mm	Ø16	NPN	180g
405204	DGRZ16-20CS1-P											PNP	
405205	DGRZ20-20CS1-N	116.5	27.6	23	40	M17*1.0	Ø20	43.4	25	4mm,6mm	Ø20	NPN	190g
405206	DGRZ20-20CS1-P											PNP	

双钳口斜口气夹 Two-jaw Diagonal Air Clamp

Z系列 Z Series







货号（No.）	型号（Model）	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K缸径 (mm)	N(接气管)	传感器 (Sensor)	重量 (Weight)
405210	DGRZ16-12Z	131	43	32	38	M10*1.0	Ø12	43.5	22	–	4.8	Ø16	4mm/6mm	–	128g
405211	DGRZ16-12Z-GN	131	43	32	38	M10*1.0	Ø12	43.5	22	25.5	4.8	Ø16	M5内牙	NPN	145g
405212	DGRZ16-12Z-GP													PNP	145g
405213	DGRZ16-20Z	131	43	32	38	M17*1.0	Ø20	43.5	22	–	4.8	Ø16	4mm/6mm	–	138g
405214	DGRZ16-20Z-GN	131	43	32	38	M17*1.0	Ø20	43.5	22	25.5	4.8	Ø16	4mm/6mm	NPN	155g
405215	DGRZ16-20Z-GP													PNP	155g
405216	DGRZ20-20Z	132.3	43	32	38	M17*1.0	Ø20	43.5	25	–	4.8	Ø20	4mm/6mm	–	158g
405217	DGRZ20-20Z-GN	132.3	43	32	38	M17*1.0	Ø20	43.5	25	28.6	4.8	Ø20	4mm/6mm	NPN	175g
405218	DGRZ20-20Z-GP													PNP	175g

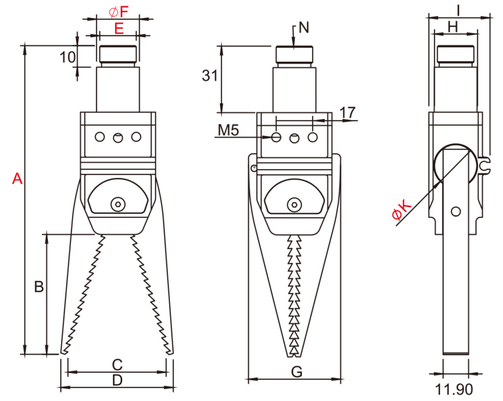
双钳口斜口气夹 Two-jaw Diagonal Air Clamp

S系列 S Series





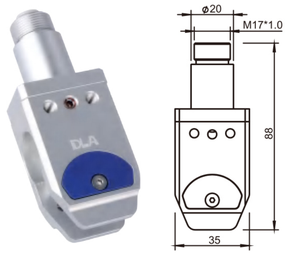




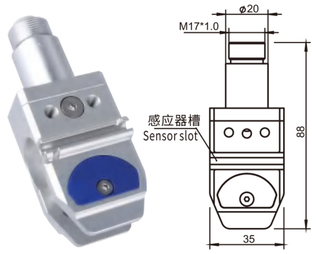
货号（No.）	型号（Model）	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	K缸径 (mm)	N(接气管)	传感器 (Sensor)	重量 (Weight)
405220	DGRZ16-12S	131	43.1	30	36.5	M10*1.0	Ø12	43.5	22	–	Ø16	M5内牙	–	135g
405221	DGRZ16-12SL	145	56.8	36.6	42.7	M10*1.0	Ø12	43.5	22	–	Ø16	M5内牙	–	140g
405222	DGRZ16-12S-GN	131	43.1	30	36.5	M10*1.0	Ø12	43.5	22	25.5	Ø16	M5内牙	NPN	148g
405223	DGRZ16-12S-GP												PNP	148g
405224	DGRZ16-12SL-GN	145	56.8	36.6	42.7	M10*1.0	Ø12	43.5	22	25.5	Ø16	M5内牙	NPN	158g
405225	DGRZ16-12SL-GP												PNP	158g
405226	DGRZ16-20S	131	43.1	30	36.5	M17*1.0	Ø20	43.5	22	–	Ø16	4mm/6mm	–	140g
405227	DGRZ16-20SL	145	56.8	36.6	42.7	M17*1.0	Ø20	43.5	22	–	Ø16	4mm/6mm	–	145g
405228	DGRZ16-20S-GN	131	43.1	30	36.5	M17*1.0	Ø20	43.5	22	25.5	Ø16	4mm/6mm	NPN	157g
405229	DGRZ16-20S-GP												PNP	157g
405230	DGRZ16-20SL-GN	145	56.8	36.6	42.7	M17*1.0	Ø20	43.5	22	25.5	Ø16	4mm/6mm	NPN	167g
405231	DGRZ16-20SL-GP												PNP	167g
405232	DGRZ20-20S	132.3	43.1	31.8	38.5	M17*1.0	Ø20	43.5	25	–	Ø20	4mm/6mm	–	159g
405233	DGRZ20-20SL	144.2	56.5	38.7	44.8	M17*1.0	Ø20	43.1	25	–	Ø20	4mm/6mm	–	169g
405234	DGRZ20-20S-GN	132.3	43.1	31.8	38.5	M17*1.0	Ø20	43.5	25	28.6	Ø20	4mm/6mm	NPN	175g
405235	DGRZ20-20S-GP												PNP	175g
405236	DGRZ20-20SL-GN	144.2	56.5	38.7	44.8	M17*1.0	Ø20	43.1	25	28.6	Ø20	4mm/6mm	NPN	183g
405237	DGRZ20-20SL-GP												PNP	183g

双钳口斜口气夹 Two-jaw Diagonal Air Clamp

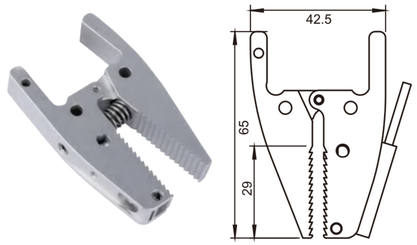
夹具本体



型号Model	DGRZ20-20-D
货号 No.	405246



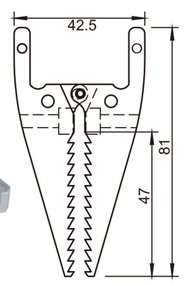
型号Model	DGRZ20-20-GD
货号 No.	405247



型号Model	DGRZ-CS1-D
货号 No.	405250

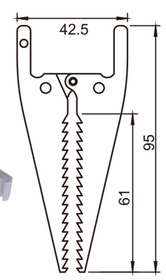
夹钳头





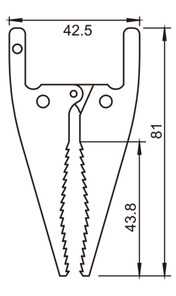
型号Model	DGRZ-S-D
货号 No.	405251





型号Model	DGRZ-SL-D
货号 No.	405252





型号Model	DGRZ-Z-D
货号 No.	405253

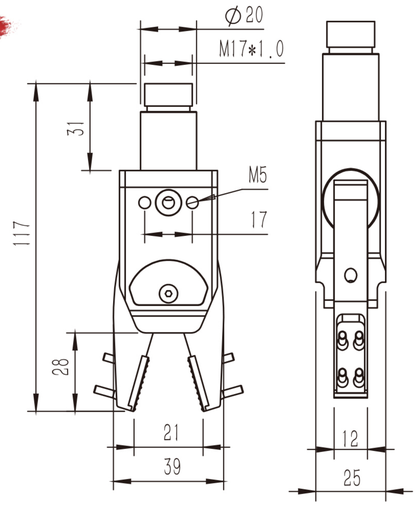




型号Model	DGRZ20-20B
货号 No.	405254

双钳口斜口气夹 Two-jaw Diagonal Air Clamp







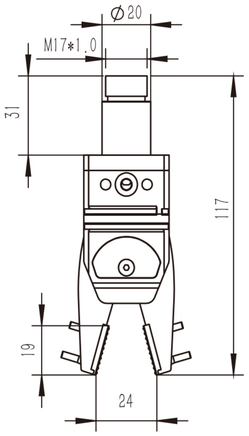
双钳口斜口气夹胶垫
Double jaw inclined air clamp rubber pad

此款含配套胶皮
This model contains matching rubber

型号Model	DGRZ20-20CS2B
货号 No.	405270

型号Model	DGRZ20-20CS2B-P
货号 No.	405271

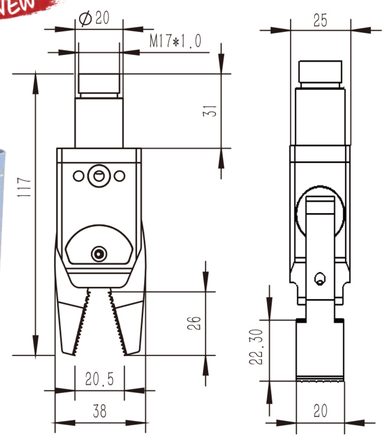




此款含配套胶皮
This model contains matching rubber

货号 No.	型号 Model	传感器型号 Sensor model
405272	DGRZ20-20CS2B-G	2芯 (2-core)
405273	DGRZ20-20CS2B-GN	3芯NPN (3-core NPN)
405274	DGRZ20-20CS2B-GP	3芯PNP (3-core PNP)





型号Model	DGRZ20-20T
货号 No.	405275

双钳口斜口气夹 Two-jaw Diagonal Air Clamp

此款不含胶皮
This model does not contain rubber



夹爪张开后状态
Status after the claw is opened



此款含配套胶皮
This model contains matching rubber

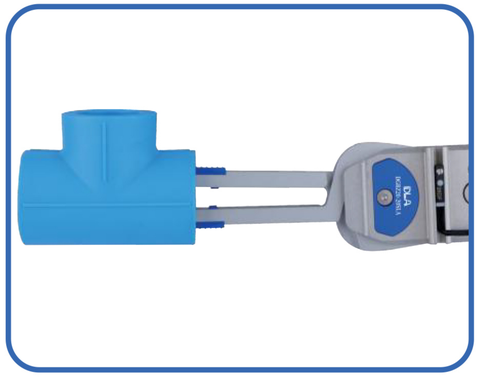


夹具口有防滑耐磨底纹，保护被夹物品
The clamp mouth has anti-skid and wear-resistant shading to protect the clamped articles.

夹爪张开后状态
Status after the claw is opened



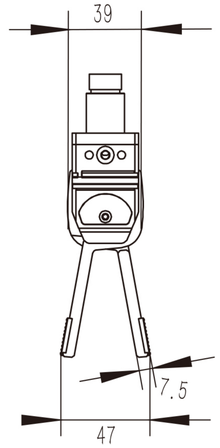
运用实例 / Application example

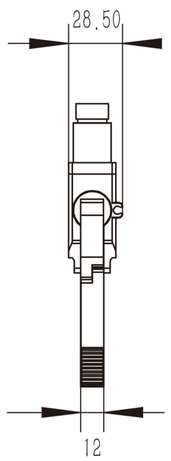


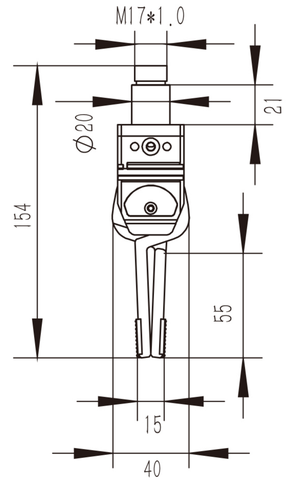


双钳口斜口气夹 Two-jaw Diagonal Air Clamp





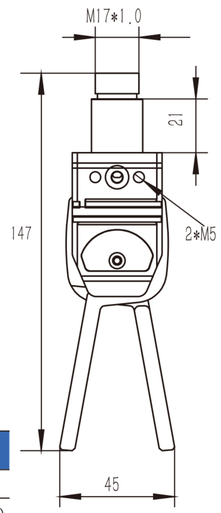


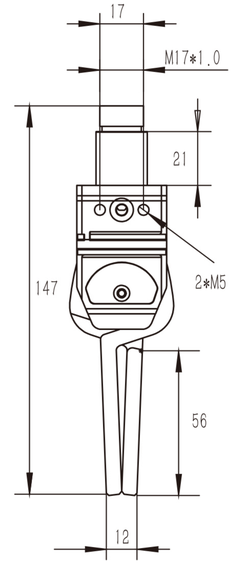


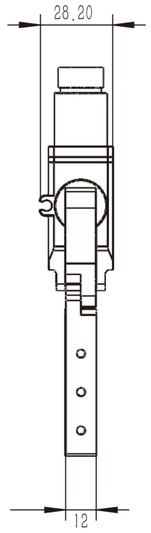
此款含配套胶皮
This model contains matching rubber

货号 No.	型号 Model	传感器型号 Sensor model
405277	DGRZ20-20SLA-G	2芯(2-core)
405278	DGRZ20-20SLA-GN	3芯NPN(3-core NPN)
405279	DGRZ20-20SLA-GP	3芯PNP(3-core PNP)





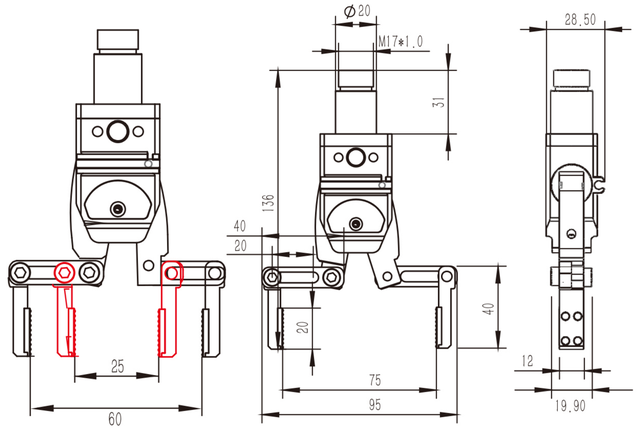




货号 No.	型号 Model	传感器型号 Sensor model
405282	DGRZ20-20SLT-G	2芯(2-core)
405283	DGRZ20-20SLT-GN	3芯NPN(3-core NPN)
405284	DGRZ20-20SLT-GP	3芯PNP(3-core PNP)

双钳口斜口气夹 Two-jaw Diagonal Air Clamp



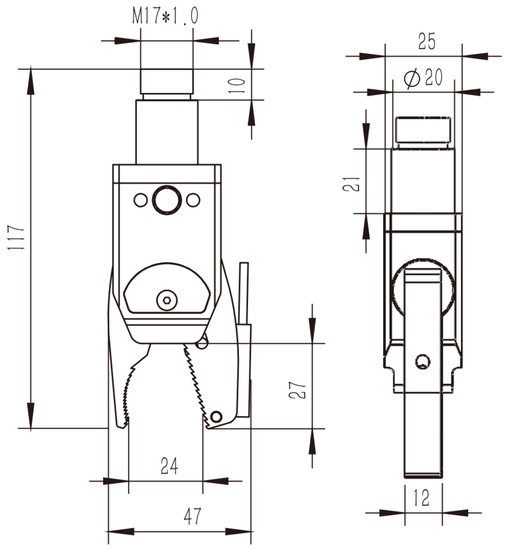




此款含配套胶皮
This model contains matching rubber

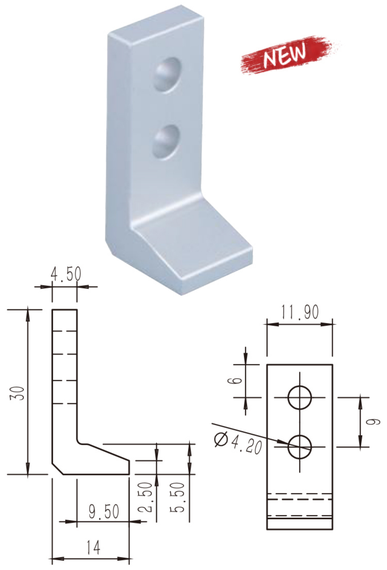
货号 No.	型号 Model	传感器型号 Sensor model
405288	DGRZ20-20Q-G	2芯(2-core)
405289	DGRZ20-20Q-GN	3芯NPN(3-core NPN)
405290	DGRZ20-20Q-GP	3芯PNP(3-core PNP)

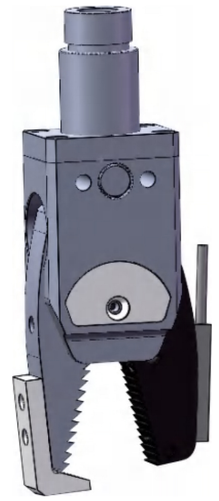


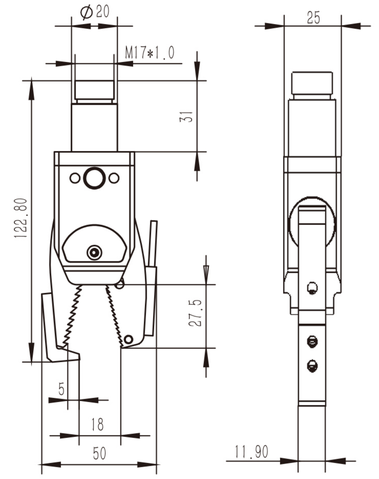


货号 No.	型号 Model	传感器型号 Sensor model
405292	DGRZ20-20CW1-N	NPN
405293	DGRZ20-20CW1-P	PNP

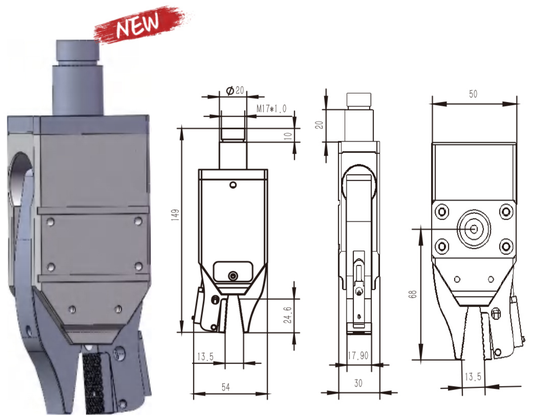
双钳口斜口气夹 Two-jaw Diagonal Air Clamp

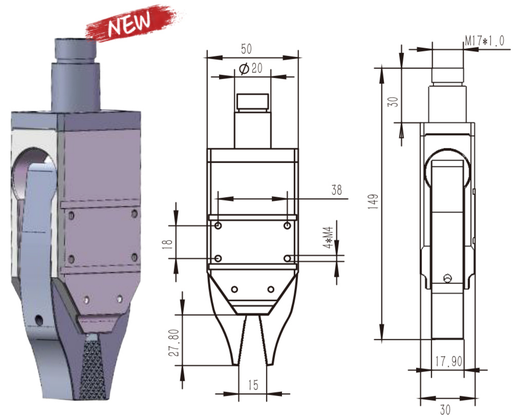






型号Model	DGRZ20CS1D
货号 No.	405295





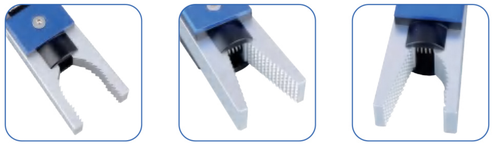
型号Model	DGRZ25-20CS1
货号 No.	405130

型号Model	DGRZ25-20S-1
货号 No.	405031

双钳口斜口气夹 Two-jaw Diagonal Air Clamp

特点： Features

- 本体采用7系铝合金材质，表面硬质氧化处理，夹口采用倒勾齿设计
  The body is made of 7 series aluminum alloy, the surface is hard to oxidize, and the clamps are designed with inverted hook teeth.
- 此款系列可选择不同的夹头形状，满足多种水口夹取。
  This series can choose different Chuck shapes to meet the requirements of various nozzle clamps.





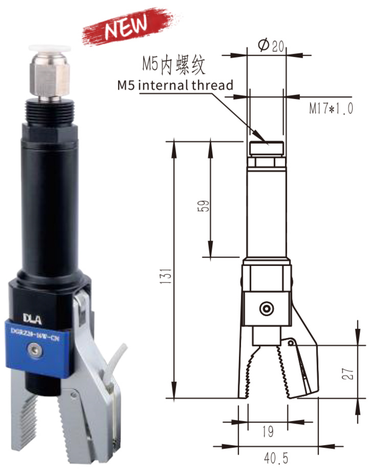
带胶皮款
With rubber



带磁性传感器
Magnetic sensor



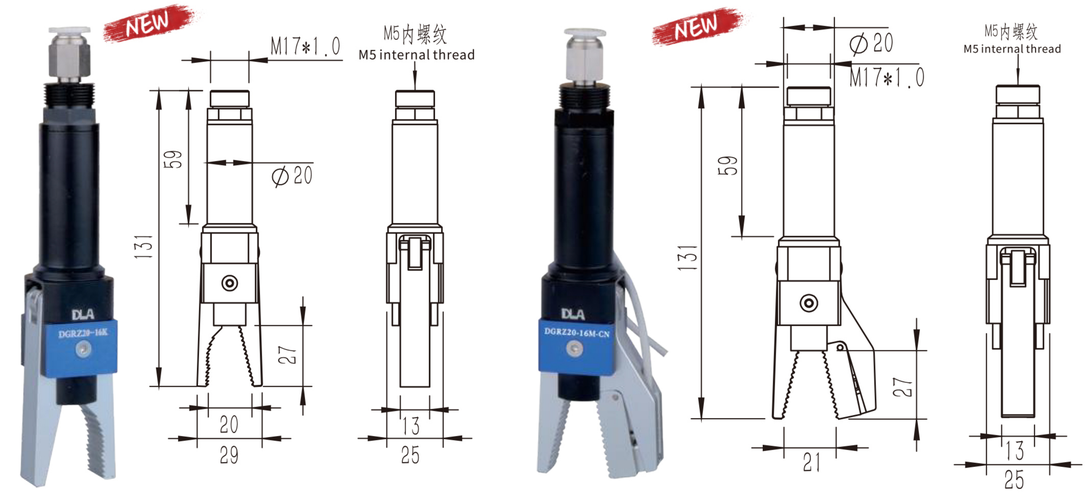
货号 No.	型号 Model	传感器型号 Sensor model
405138	DGRZ16W-CN	NPN
405139	DGRZ16W-CP	PNP





型号Model	DGRZ20-16E
货号 No.	405140

双钳口斜口气夹 Two-jaw Diagonal Air Clamp



型号Model	DGRZ20-16K
货号 No.	405141

货号 No.	型号 Model	传感器型号 Sensor model
405142	DGRZ20-16M-CN	NPN
405143	DGRZ20-16M-CP	PNP



此款含配套胶皮
This model contains matching rubber

型号Model	DGRZ20-16P
货号 No.	405144



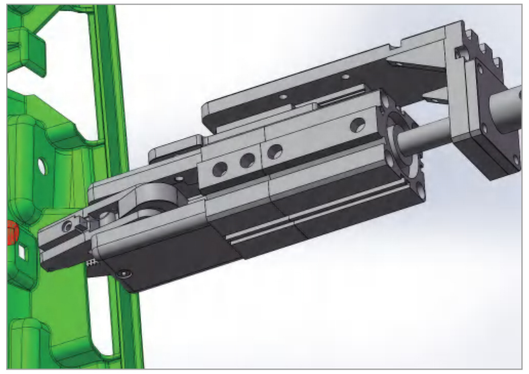
型号Model	DGRZ20-16R
货号 No.	405145

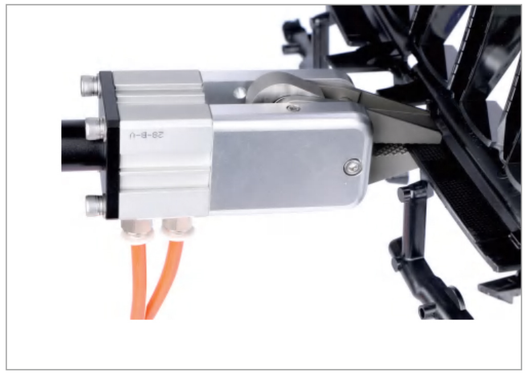
夹持器 Grippers

特点： Features

- 采用薄型双作用气缸驱动
  Driven by thin double-acting cylinder
- 最小夹持距离可通过夹爪上的止动螺丝进行调节
  The minimum clamping distance can be adjusted by the stop screw on the clamping claw.

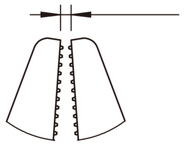
运用实例 / Application example

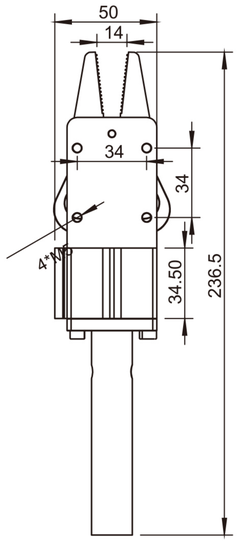


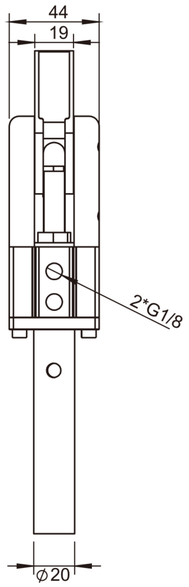




闭合间距1MM
Closed spacing 1MM

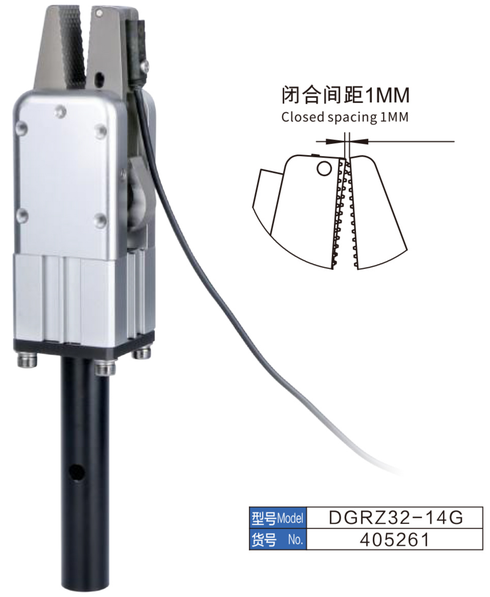




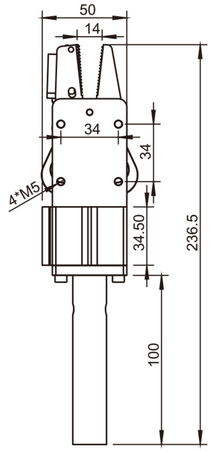


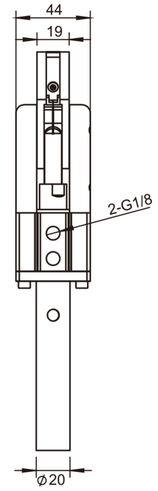
型号Model	DGRZ32-14
货号 No.	405260

夹持器 Grippers



闭合间距1MM
Closed spacing 1MM

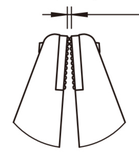




型号Model	DGRZ32-14G
货号 No.	405261

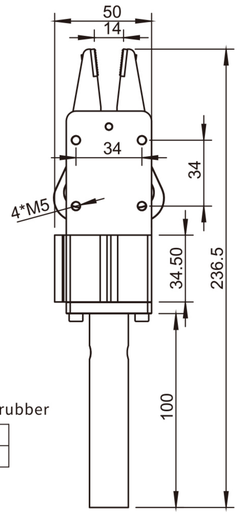


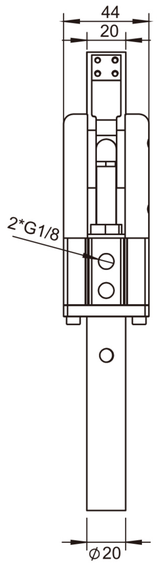
闭合间距1MM
Closed spacing 1MM



此款含配套胶皮
This model contains matching rubber

型号Model	DGRZ32-14B
货号 No.	405262

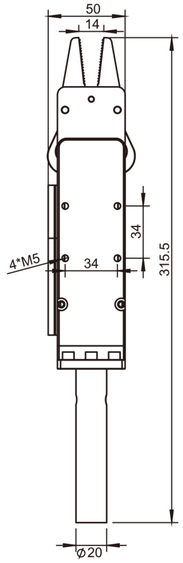


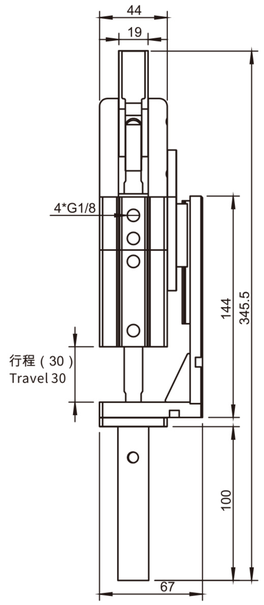


夹持器 Grippers





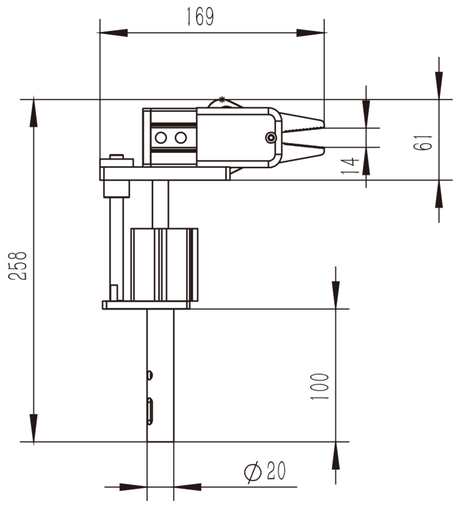


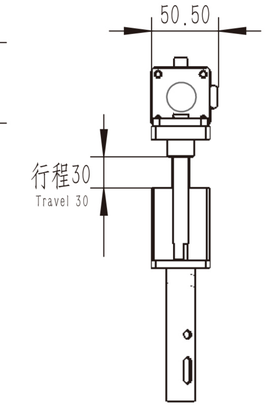


型号Model	DGRZ32-14-30
货号 No.	405263

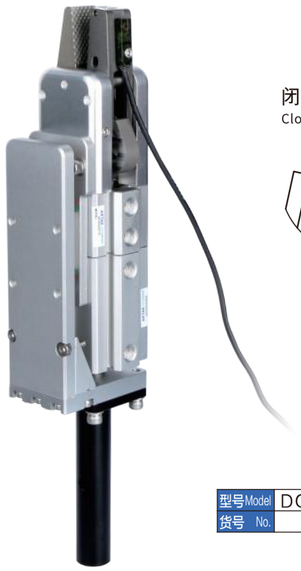
夹持器 Grippers



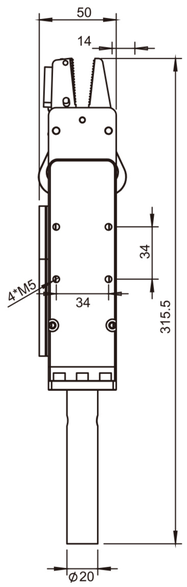


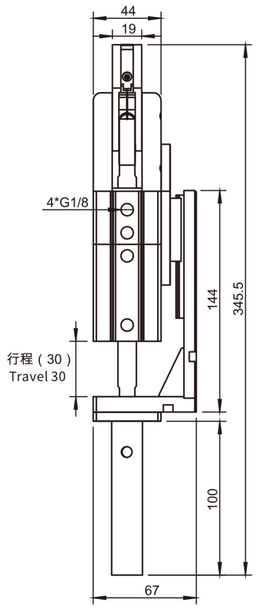


型号Model	DGRZ32-L30-14
货号 No.	405265



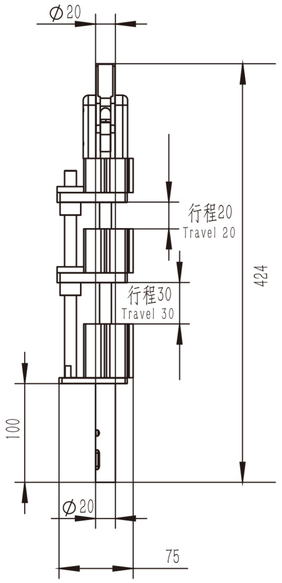


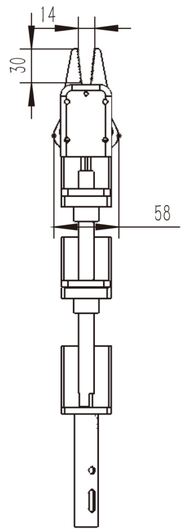




型号Model	DGRZ32-14-30G
货号 No.	405264







型号Model	DGRZ32-30-20-10-14
货号 No.	405266

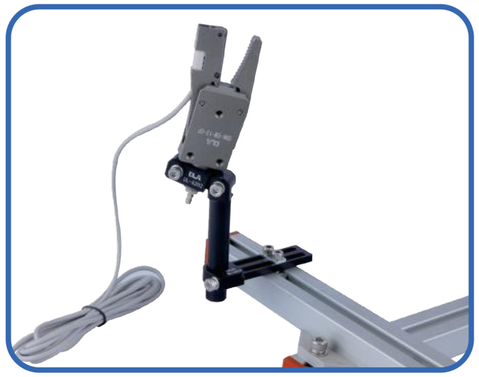
水口夹具系列 Sprue Gripper

型号表示方法
Model representation

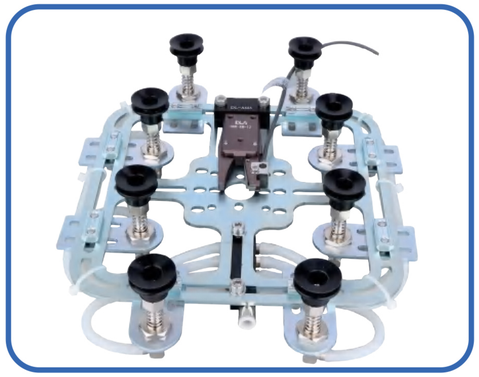
DGRZ	10	EM	-	C	N
系列 Series	安装直径 Installation diameter	EM系列直行夹爪 EM series straight-line claw		C-可装开关 C- installable switch / 无-不可装开关 None-cannot install switch	开关类型 Switch type

N	NPN接近开关
P	PNP接近开关

安装方式/Installation method



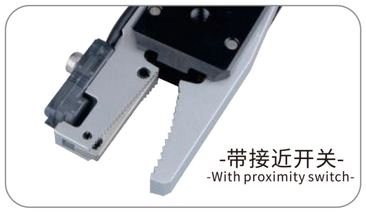
示例一
Example 1



示例二
Example 2

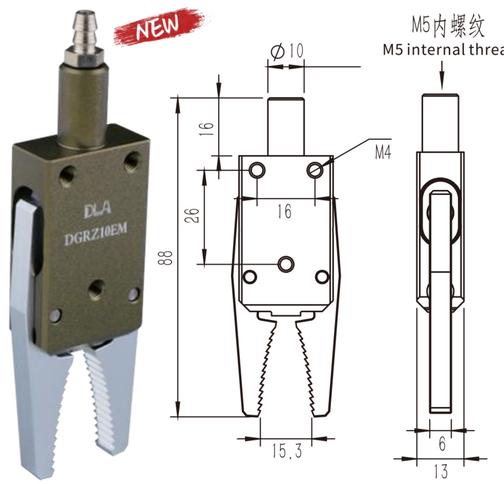
运用实例 / Application example



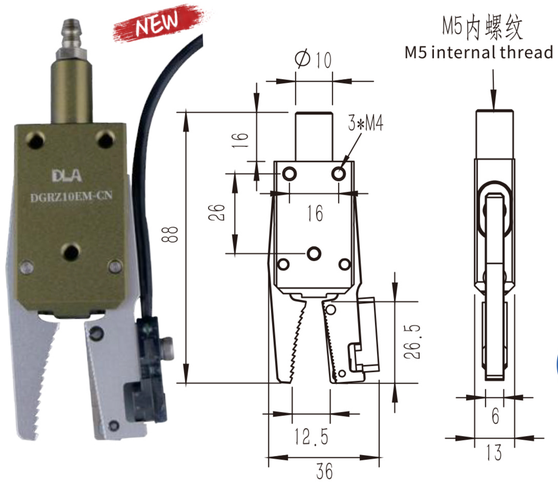

-带接近开关-
-With proximity switch-


-不带接近开关-
-Without proximity switch-

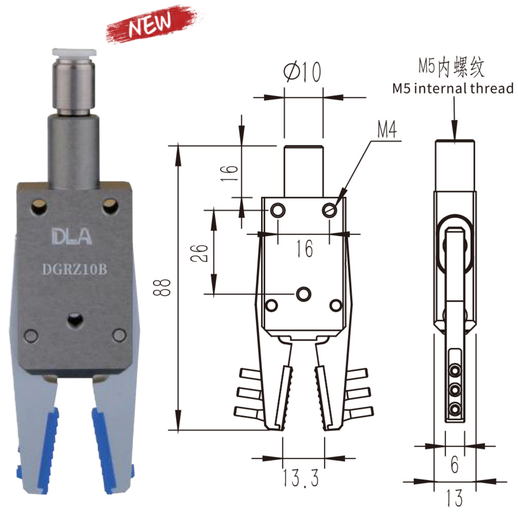
水口夹具系列 Sprue Gripper



型号Model	DGRZ10EM
货号 No.	405111

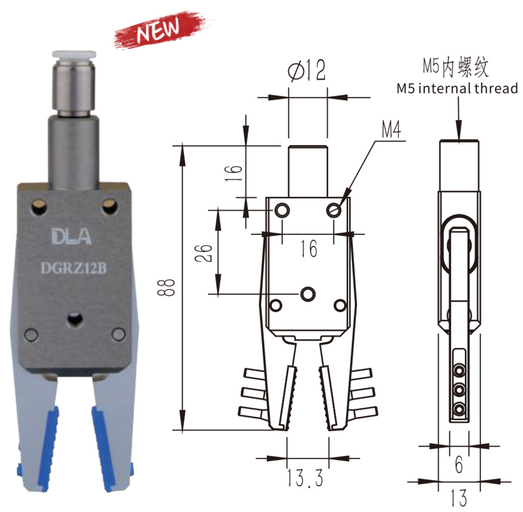


货号 No.	型号 Model	传感器型号 Sensor model
405112	DGRZ10EM-CN	NPN
405113	DGRZ10EM-CP	PNP



此款含配套胶皮
This model contains matching rubber

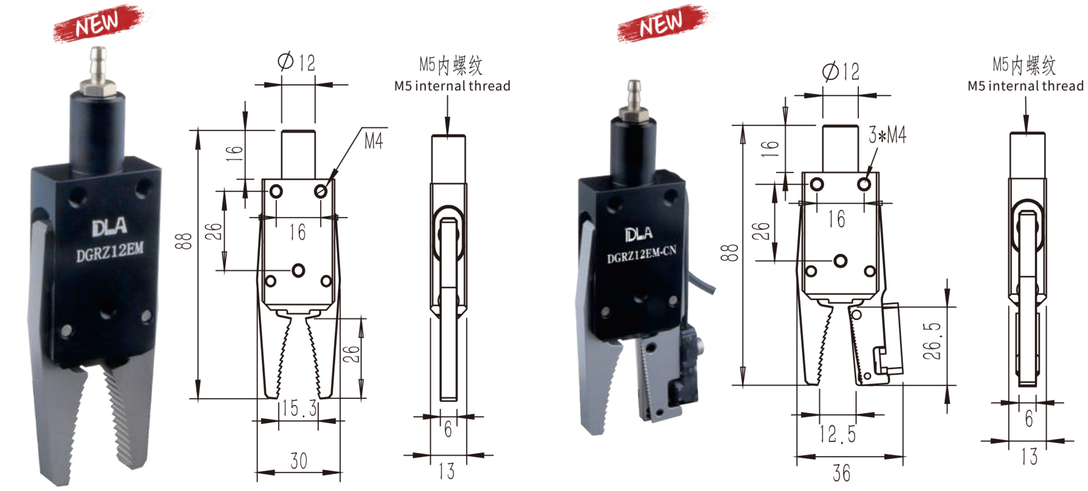
型号Model	DGRZ10B
货号 No.	405114



此款含配套胶皮
This model contains matching rubber

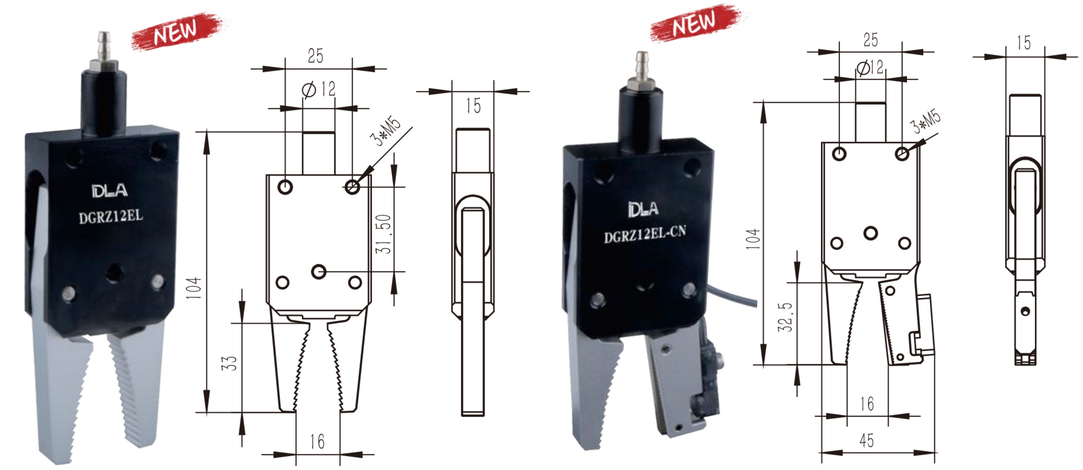
型号Model	DGRZ12B
货号 No.	405115

水口夹具系列 Sprue Gripper



型号Model	DGRZ12EM
货号 No.	405118

货号 No.	型号 Model	传感器型号 Sensor model
405119	DGRZ12EM-CN	NPN
405120	DGRZ12EM-CP	PNP

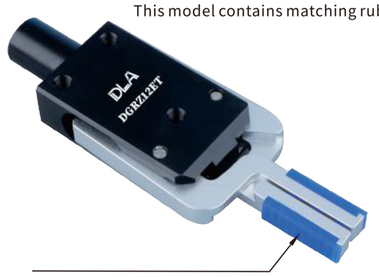


型号Model	DGRZ12EL
货号 No.	405121

货号 No.	型号 Model	传感器型号 Sensor model
405122	DGRZ12EL-CN	NPN
405123	DGRZ12EL-CP	PNP

内撑气动夹具系列 Inner support pneumatic fixture series

此款含配套胶皮
This model contains matching rubber



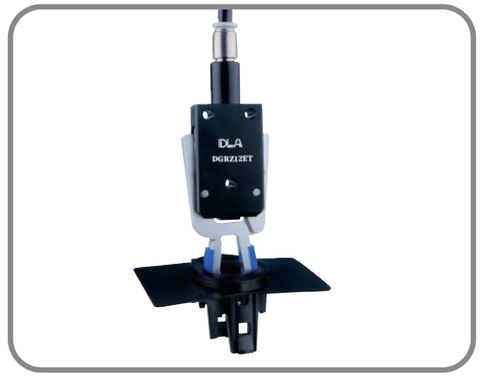
夹具口有防滑耐磨底纹，保护被夹物品
The clamp mouth has anti-skid and wear-resistant shading to protect the clamped articles.

此款不含胶皮
This model does not contain rubber



运用实例 / Application example



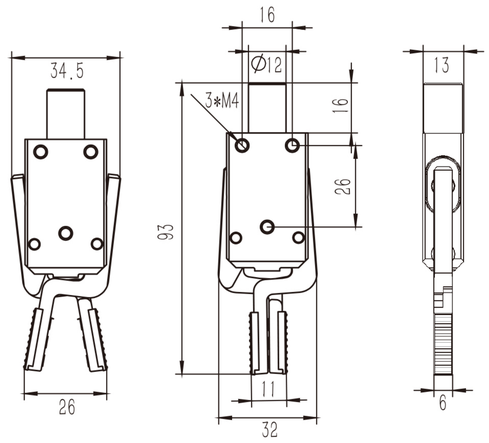






此款含配套胶皮
This model contains matching rubber

型号Model	DGRZ12ET
货号 No.	405130

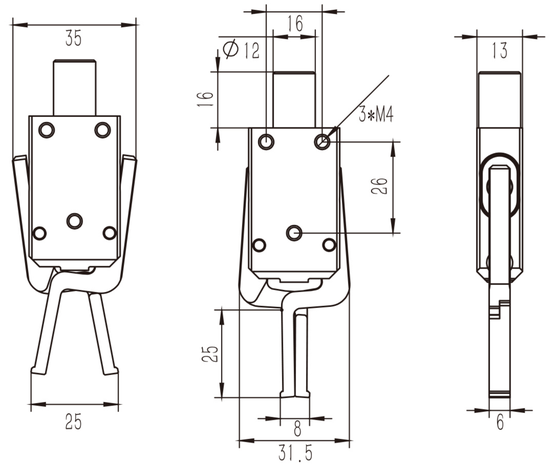


内撑气动夹具系列 Inner support pneumatic fixture series





型号Model	DGRZ12ETA
货号 No.	405132



水口夹具系列 Sprue Gripper

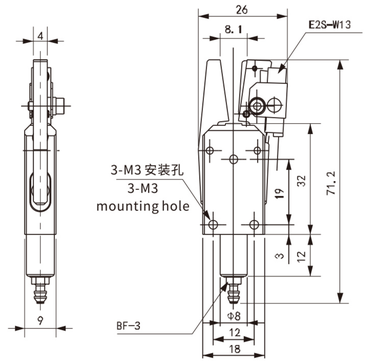
立体框架系列Ø8
Speace Frame Series


CHK-ES-08-C

水口夹具ES（带传感器）
Nozzle Fixture ES (with Sensor)

型号Model	CHK-ES-08-C
货号 No.	405152

重量：32g 抓取力：5N 附带配管接头BF-3
传感器是直线3线式。
Weight: 32g Grasping Force: 5N With additional pipingconnectorBF-3
3-wire linear sensor



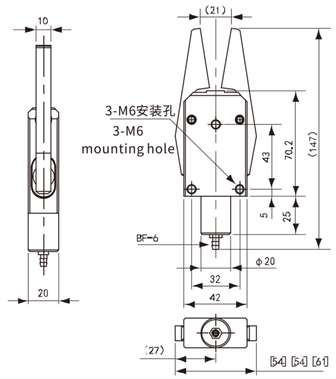
立体框架系列Ø20


CHK-EX1-20

水口夹具EX（无传感器）
Nozzle Fixture EX (Without sensor)

型号Model	CHK-EX1-20
货号 No.	405157

重量：280g 抓取力：80N 附带配管接头BF-6
传感器不可以后面安装。
Weight: 280g Grasping Force: 80N With additional pipingconnectorBF-6
Sensor can not be installed behind



水口夹具系列 Sprue Gripper

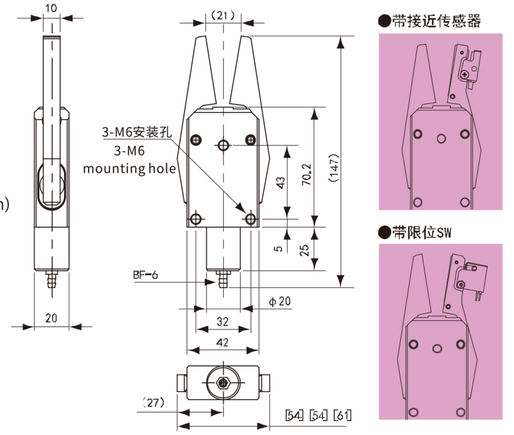
立体框架系列Ø20


CHK-EX1-20-C

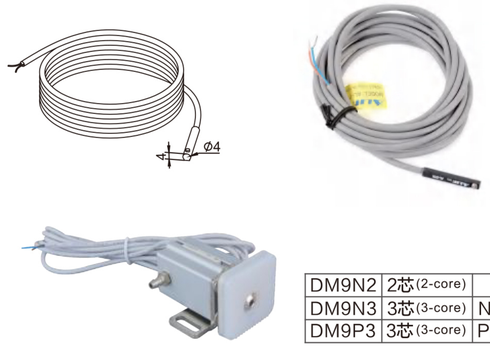
水口夹具EX（带限位SW）
Nozzle Fixture EX (SW with Limitation)

型号Model	CHK-EX1-20-C
货号 No.	405158

重量：272g 抓取力：80N 附带配管接头BF-6
传感器是直线2线式。
Weight: 272g Grasping Force: 80N With additional pipingconnectorBF-6
2-wire linear sensor

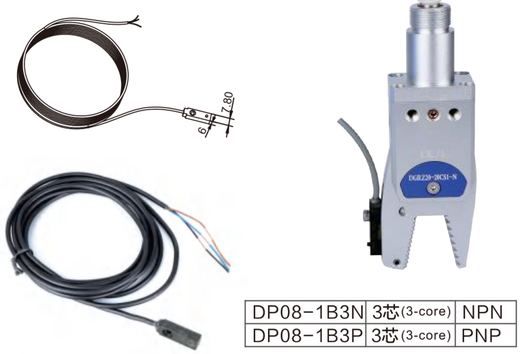


普通型磁性传感器
Ordinary magnetic sensor



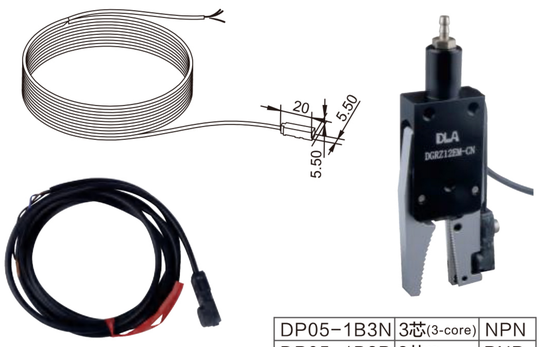
DM9N2	2芯(2-core)	
DM9N3	3芯(3-core)	NPN
DM9P3	3芯(3-core)	PNP

方形接近开关
Square proximity switch



DP08-1B3N	3芯(3-core)	NPN
DP08-1B3P	3芯(3-core)	PNP

方形带凸台接近开关
Square proximity switch with boss



DP05-1B3N	3芯(3-core)	NPN
DP05-1B3P	3芯(3-core)	PNP

超小型磁性传感器
Ultra-small magnetic sensor

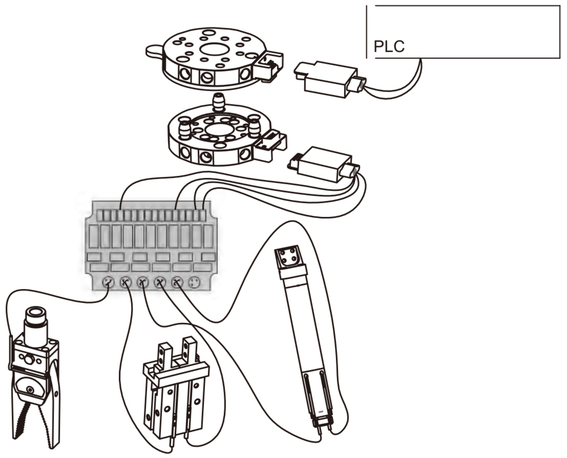
特点：检测距离短，适用于小行程气缸
Features: short detection distance, suitable for small stroke cylinder



DM9TC2	2芯(2-core)	
DM9TCN	3芯(3-core)	NPN
DM9TCP	3芯(3-core)	PNP

夹具

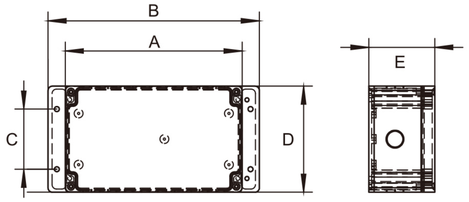
感应盒系列 Induction box series



- **感应盒SB系列**
  Sensor boxes series SB
- 用于EOAT传感器布线
  Used for sensor wiring on the EOATs.
- PNP和NPN信号可以转换。
  PNP and NPN signals can be converted.
- 适用于两线和三线(NPN或者PNP传感器)
  Suitable for two-wire and three-wire (NPN or PNP sensors)
- 输入/输出端口可输入电流(PNP),输出电流(NPN)或干接触
  I/O can be current sourcing(PNP),sinking(NPN) or dry contact.
- 几个盒子可连接在一起从而控制更多的传感器
  Several boxes can be connectde in a series to manage more sensors.
- LED显示输入从而便于故障的排除
  Input LED indications for easy trouble-shooting.
- 提供了防水接头以及用于型材紧固的配套元件
  Provided with strain reliefs and kit for fastening to the prople.

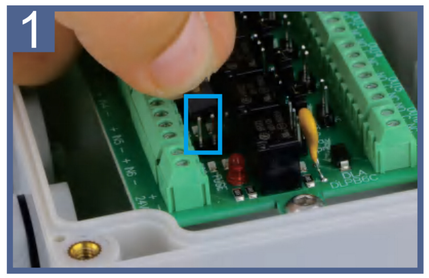




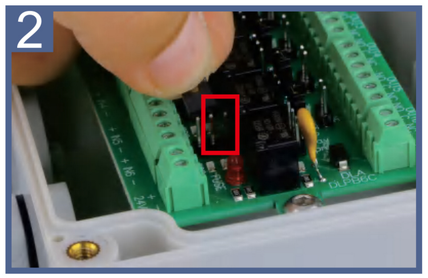


货号 (No.)	型号 (Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	重量Weight
405180	DLPB6C	115	151	52.5	90	58	263g
405182	DLPB12C	200	238	68	120	75	605g

短接示意图 Short-circuit diagram



NPN 短接可参考如图所示
NPN short circuit can be referred to as shown in the figure



PNP 短接可参考如图所示
PNP short circuit can be referred to as shown in the figure

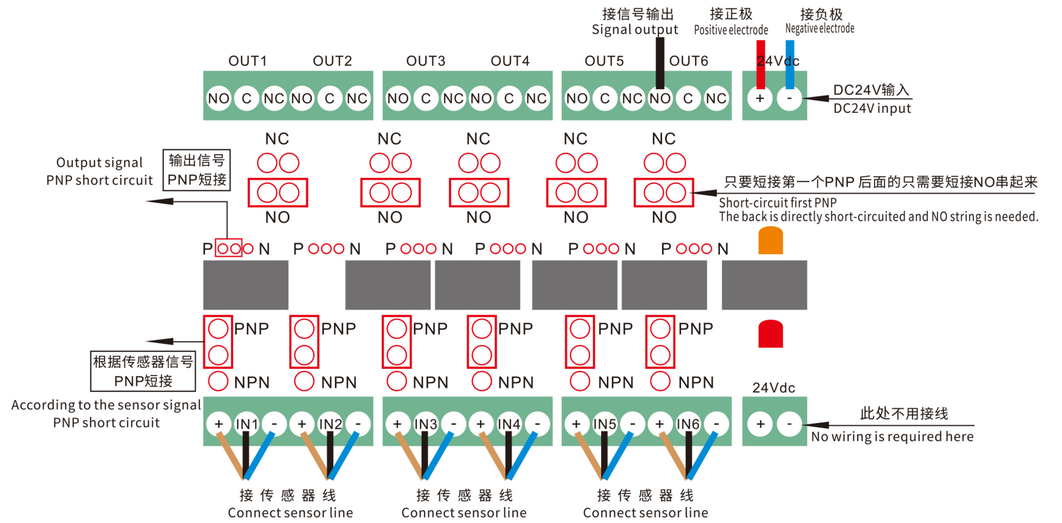
感应盒系列 Induction box series

接线方式

NO:代表常开　NC:代表常闭　C:不用接线
NO: indicates normally open NC: indicates normally closed C: NO wiring

- 例:输入输出都为PNP
  Example: both input and output are PNP

输出常开:短接NO　输出常闭:短接NC(一般情况下不用常闭)
Output normally open: short circuit NO output normally closed: short circuit NC (normally not normally closed)

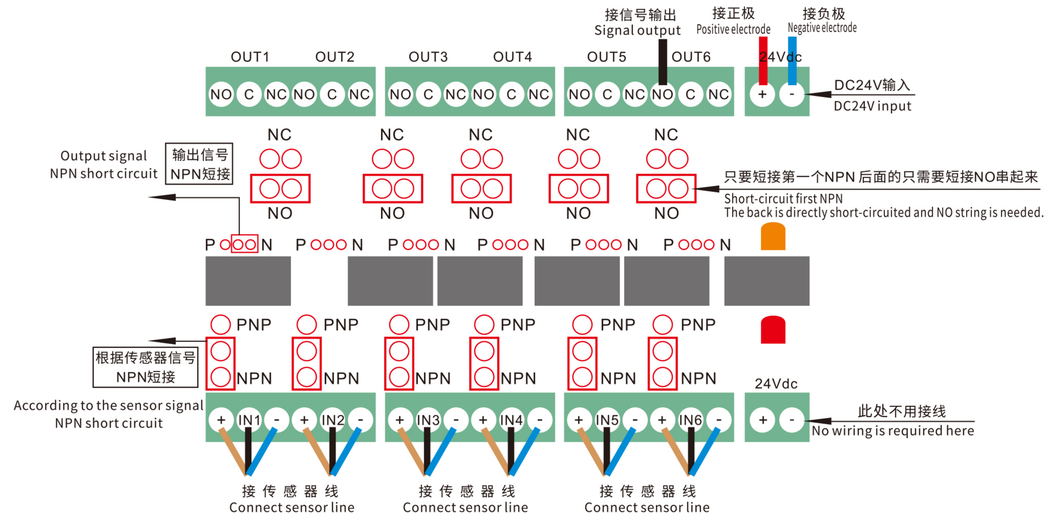


接线方式

NO:代表常开　NC:代表常闭　C:不用接线
NO: indicates normally open NC: indicates normally closed C: NO wiring

- 例:输入输出都为NPN
  Example: both input and output are NPN

输出常开:短接NO　输出常闭:短接NC(一般情况下不用常闭)
Output normally open: short circuit NO output normally closed: short circuit NC (normally not normally closed)



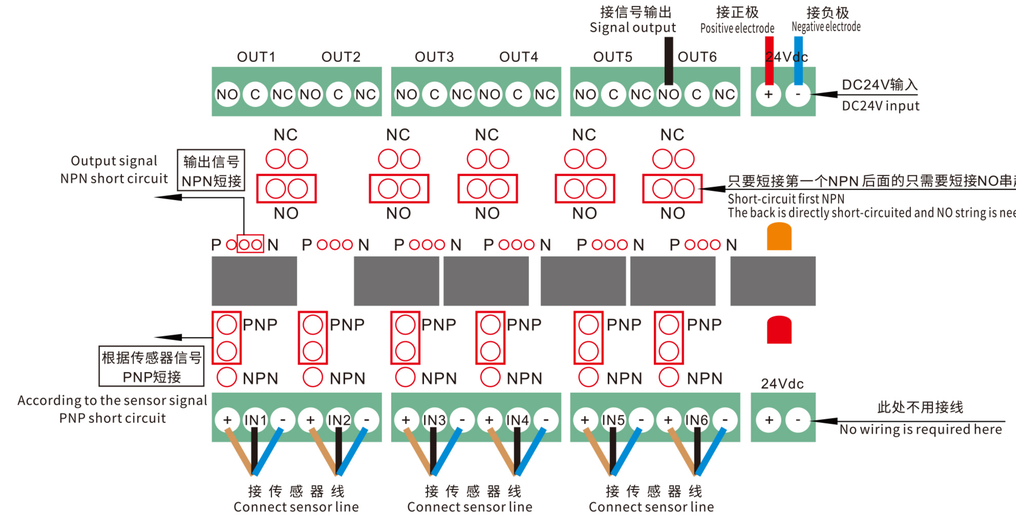
感应盒系列 Induction box series

接线方式

NO:代表常开　NC:代表常闭　C:不用接线
NO: indicates normally open NC: indicates normally closed C: NO wiring

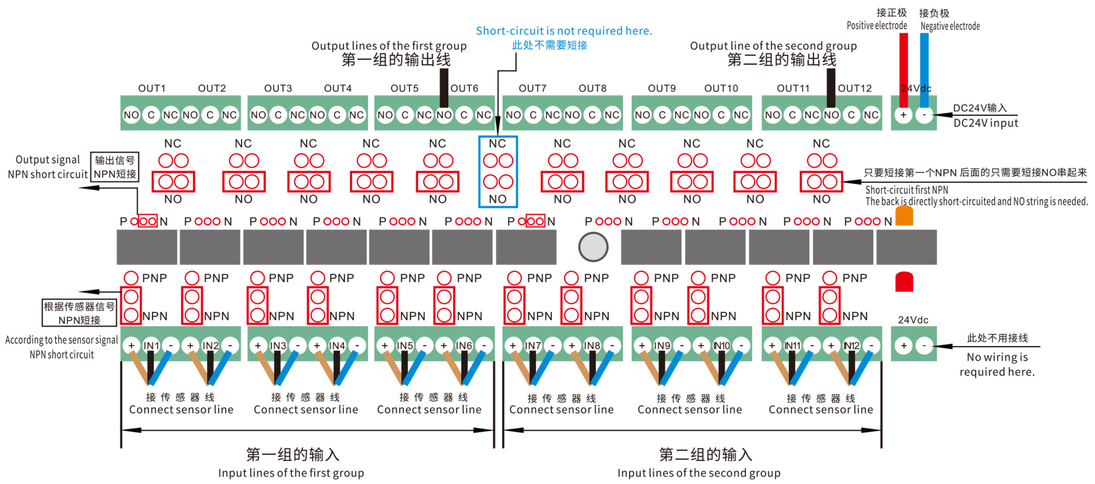
输出常开:短接NO　输出常闭:短接NC(一般情况下不用常闭)
Output normally open: short circuit NO output normally closed: short circuit NC (normally not normally closed)

• 例:PNP输入/NPN输出
Example: PNP input/NPN output

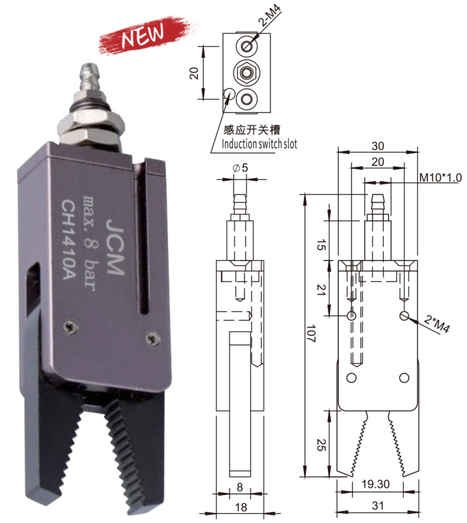


接线方式

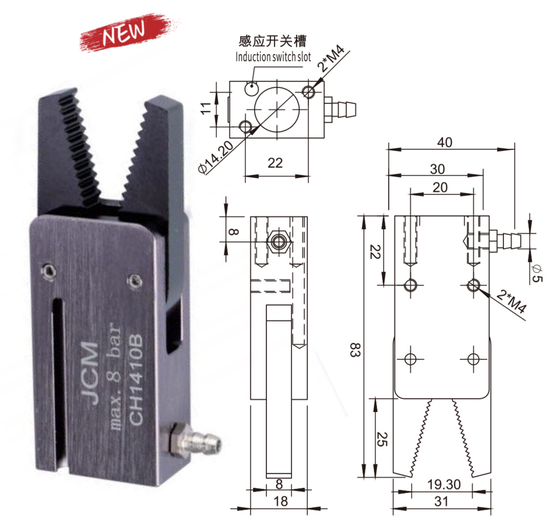
• 例:两组输入/两组输出(以全是NPN为例)
Example: two sets of inputs/two sets of outputs (all NPN as an example)



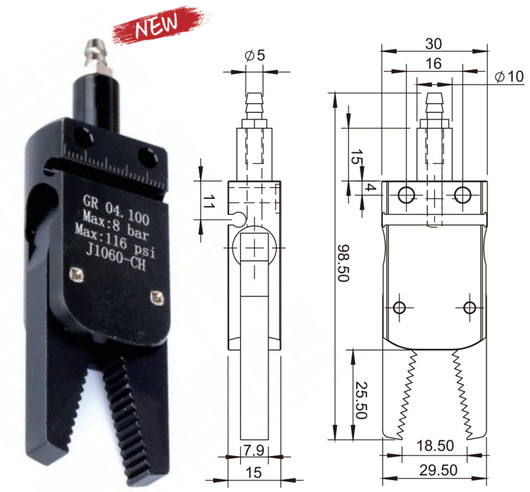
夹具系列 Fixture series



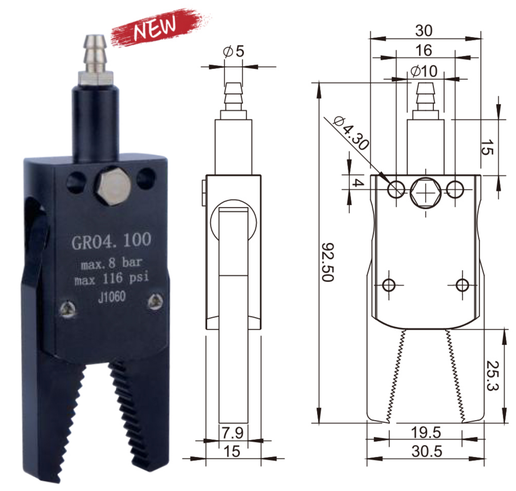
型号Model	CH1410A
货号 No.	405301



型号Model	CH1410B
货号 No.	405302



型号Model	J1060-CH
货号 No.	405303

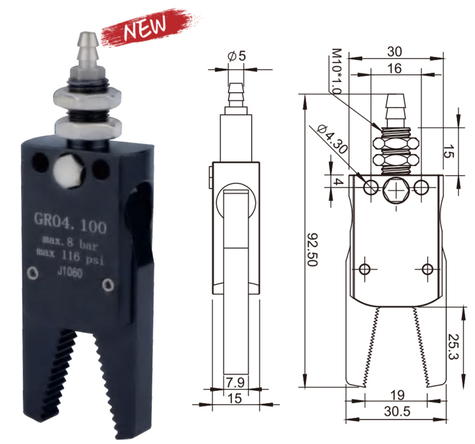


型号Model	MINI-A
货号 No.	405304

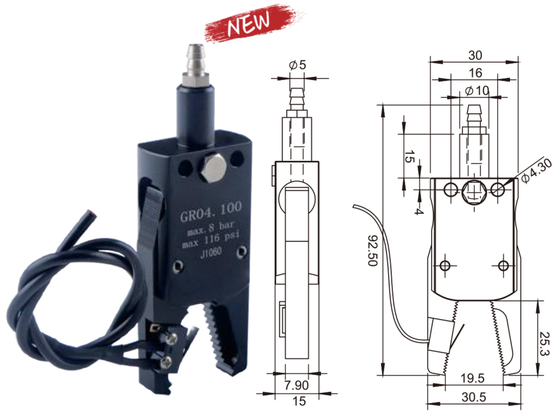
夹具

夹具

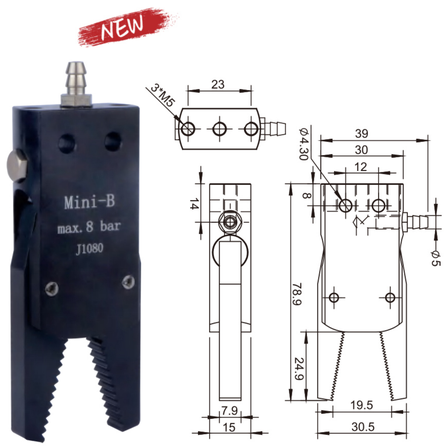
夹具系列 Fixture series



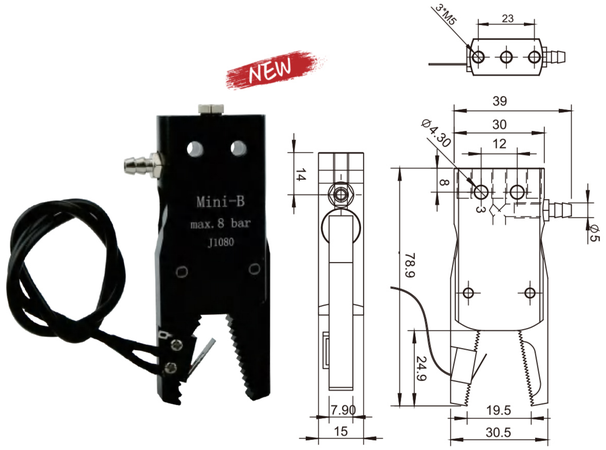
型号Model	MINI-AT
货号 No.	405315



型号Model	MINI-AWD
货号 No.	405305

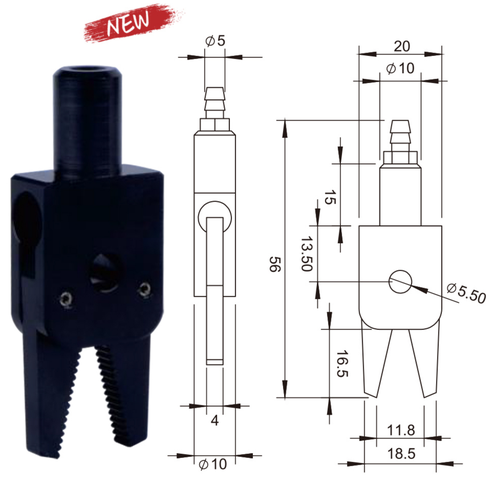


型号Model	MINI-B
货号 No.	405306

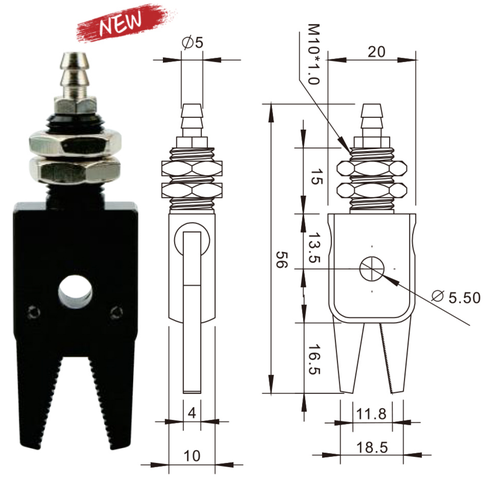


型号Model	MINI-BWD
货号 No.	405307

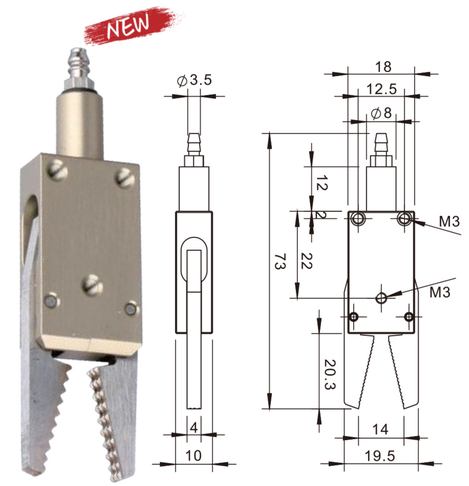
夹具系列 Fixture series



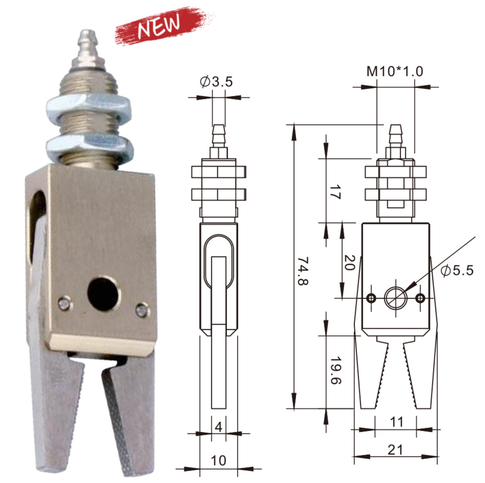
型号Model	MINI-D
货号 No.	405308



型号Model	MINI-E
货号 No.	405309

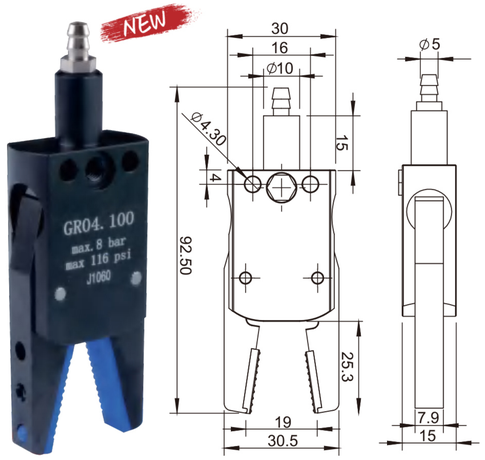


型号Model	MINI-F
货号 No.	405310



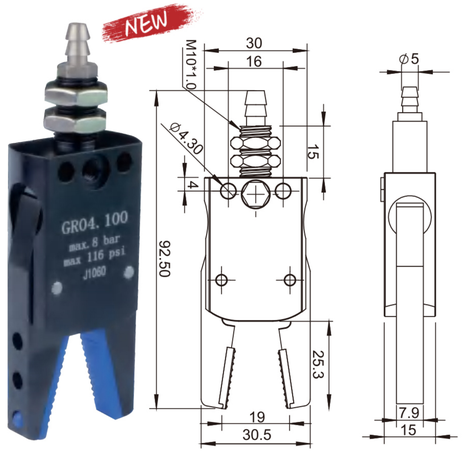
型号Model	MINI-G
货号 No.	405311

夹具系列 Fixture series



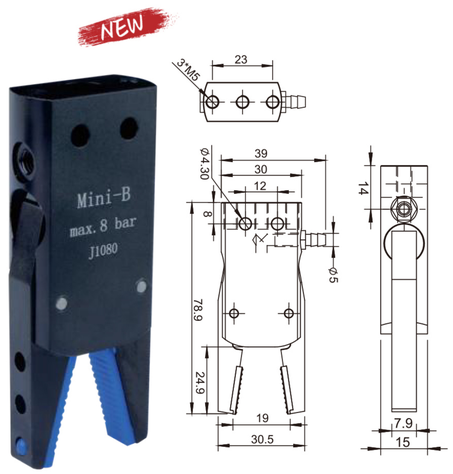
此款含配套胶皮
This model contains matching rubber

型号Model	MINI-AP
货号 No.	405340



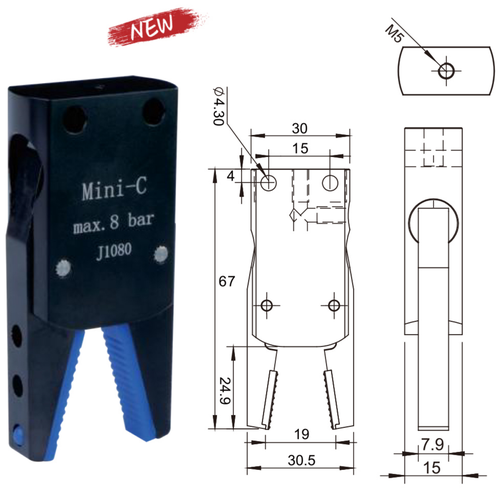
此款含配套胶皮
This model contains matching rubber

型号Model	MINI-AGP
货号 No.	405341



此款含配套胶皮
This model contains matching rubber

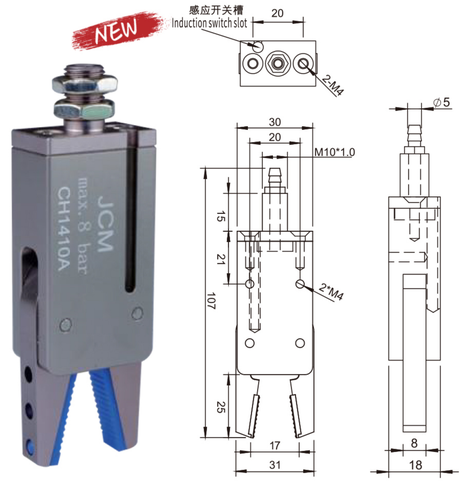
型号Model	MINI-BP
货号 No.	405342



此款含配套胶皮
This model contains matching rubber

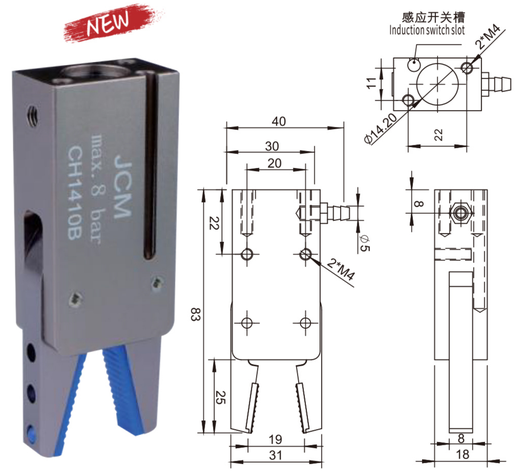
型号Model	MINI-CP
货号 No.	405343

夹具系列 Fixture series



此款含配套胶皮
This model contains matching rubber

型号Model	CH1410AP
货号 No.	405344



此款含配套胶皮
This model contains matching rubber

型号Model	CH1410BP
货号 No.	405345



型号Model	MINI-ABBHT
货号 No.	405312



型号Model	CH1410AGN
货号 No.	405320



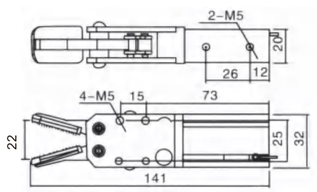
型号Model	CH1410BGN
货号 No.	405321



型号Model	J1060-CHGN
货号 No.	405322

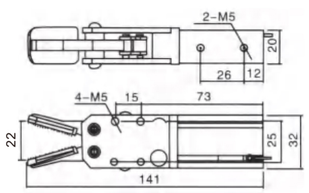
夹具系列 Fixture series





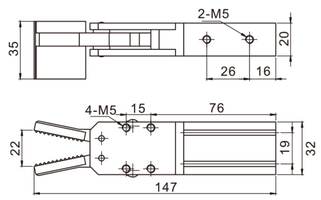
型号Model	DL1615D
货号 No.	406110





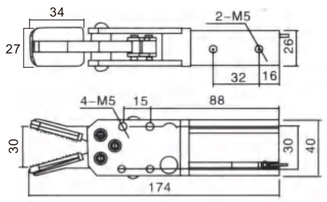
型号Model	DL1615S
货号 No.	406111





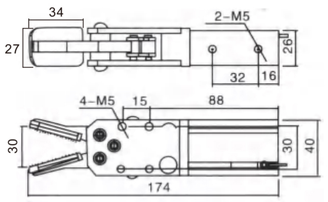
型号Model	DL1615DL
货号 No.	406112





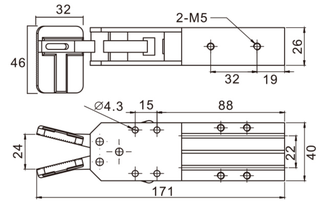
型号Model	DL2015D
货号 No.	406113





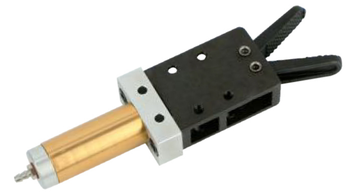
型号Model	DL2015S
货号 No.	406114

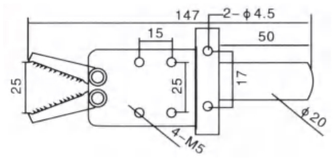




型号Model	DL2015DL
货号 No.	406115

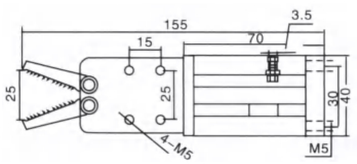
夹具系列 Fixture series



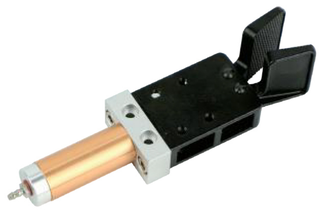


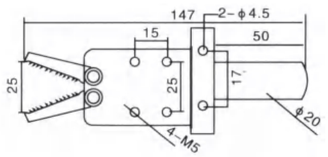
型号Model	DL1815S1
货号 No.	406116





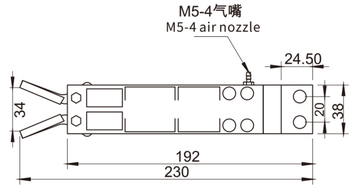
型号Model	DL1815S
货号 No.	406117



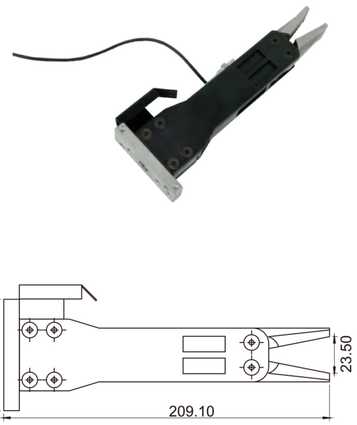


型号Model	DL1815S2
货号 No.	406118



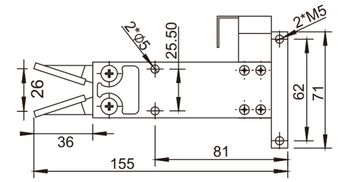


型号Model	DLST-3
货号 No.	406119



型号Model	DLMO-1
货号 No.	406120





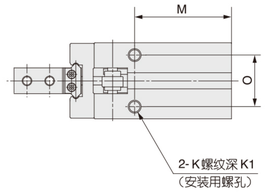
型号Model	DLMO-2
货号 No.	406122

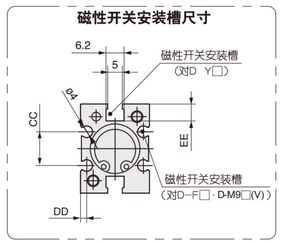
平行夹MHZ2 Parallel clamp MHZ2



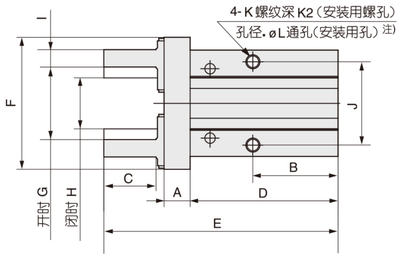
MHZ 2－□□
双作用/单作用 Double action/single action
基本型 Basic type

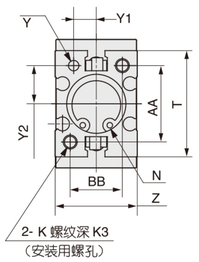
选型方法 平行开闭型 MHZ-（　　）（　　）
缸径 6 ~ 4 0　D：双作用 S：单作用（常开）

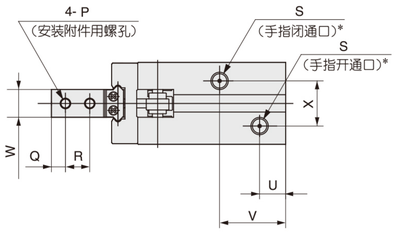




注）使用磁性开关D-Y59，D-Y69及D-Y7时，不可能是通孔安装。







＊ 单作用的场合，一侧通口变成呼吸孔。

尺寸表 (mm)

货号(No.)	型号(Model)	A	B	C	D	E	F	G		H		J	M	P	Q	R	S		W		Z
406201	MHZ-10S	6	23	12	37.8	57	29	15.2	+2.2	11.2	0	16	27	M2.5x0.45	3	5.7	M3x0.5	5	0	16.4-0.05
406202	MHZ-10D								0		-0.7								-0.05	
406203	MHZ-16S	7.5	24.5	15	42.5	67.3	38	20.9	+2.2	14.9	0	24	30	M3x0.5	4	7	M5x0.8	8	0	23.6-0.05
406204	MHZ-16D								-0.2		-0.7								-0.05	
406205	MHZ-20S	9.5	29	20	52.8	84.8	50	26.3	+2.2	16.3	0	30	35	M4x0.7	5	9	M5x0.8	10	0	27.6-0.05
406206	MHZ-20D								-0.2		-0.7								-0.05	
406207	MHZ-25S	11	30	25	63.6	102.7	63	33.3	+2.5	19.3	0	36	36.5	M5x0.8	6	12	M5x0.8	12	0	33.6-0.05
406208	MHZ-25D								-0.2		-0.8								-0.05	
406209	MHZ-32S	12	40(49)	29	67(76)	113(122)	97	48	+2.5	26	0	46	48(57)	M6x1	7	14	M5x0.8	15	0	40-0.1
406210	MHZ-32D								0		-0.5								-0.05	

平行夹MHZ2 Parallel clamp MHZ2

型号表示方法
Model Denotation Method

MHZ□2 - 16 D - □

形式 Form

无记号	标准型
L	长行程型

缸径 Cylinder diameter

10	10mm
16	16mm
20	20mm
25	25mm
32	32mm
40	40mm

动作方式 Action mode

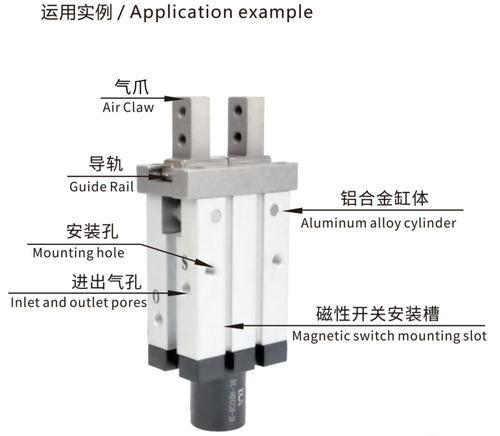
D	双作用
S	单作用(常开)

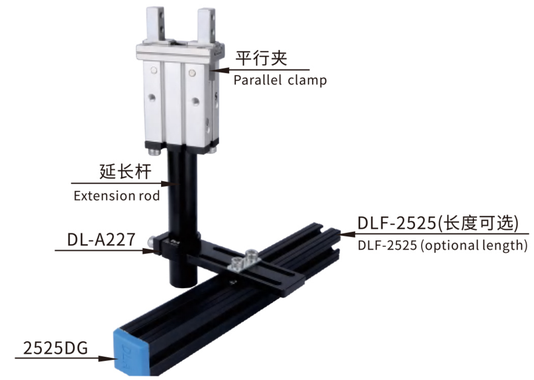
磁性开关个数 Number of magnetic switches

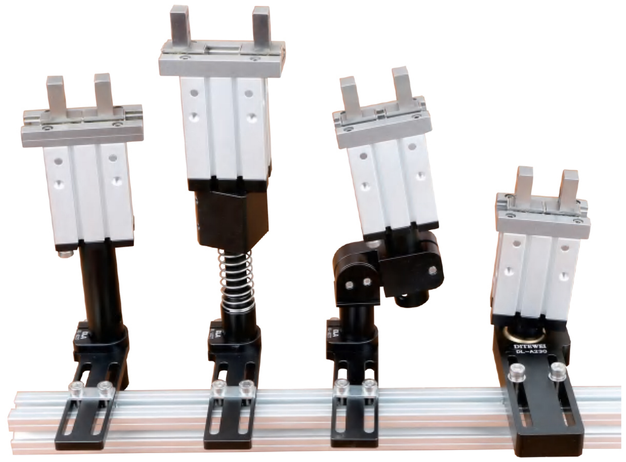
无记号	2个
S	1个
3	3个
n	n个

- 长行程型(L形式)仅缸径φ10~φ25
- 带防尘罩型(J形式)仅缸径φ10~φ25
- 标准型对应缸径φ10~φ40

运用实例 / Application example

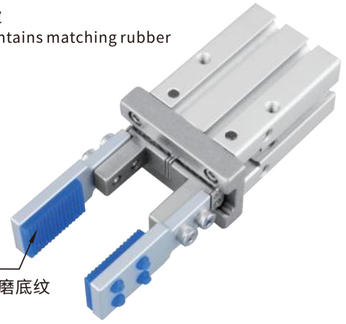






平行夹片系列 Parallel clip series

此款含配套胶皮
This model contains matching rubber

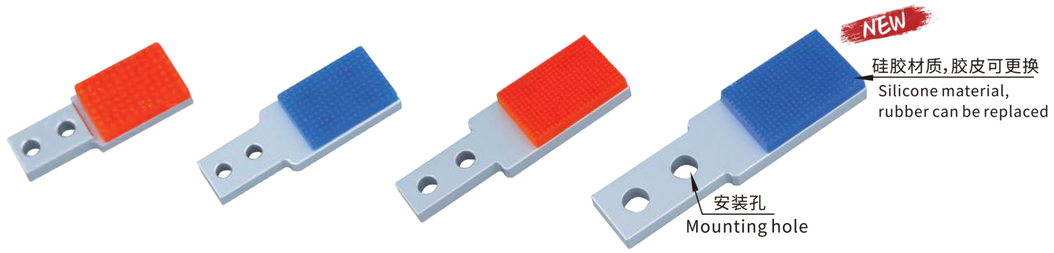


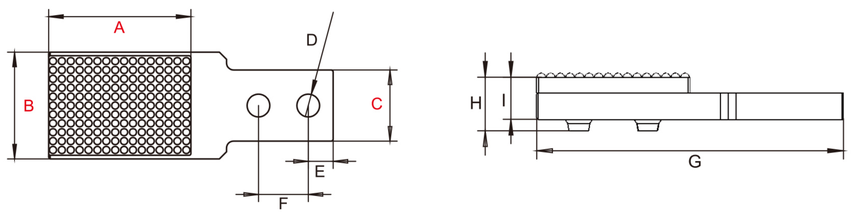
夹具口有防滑耐磨底纹
保护被夹物品
The clamp mouth has anti-skid and wear-resistant shading to protect the clamped articles.

此款不含胶皮
This model does not contain rubber



平行夹片系列 Parallel clip series

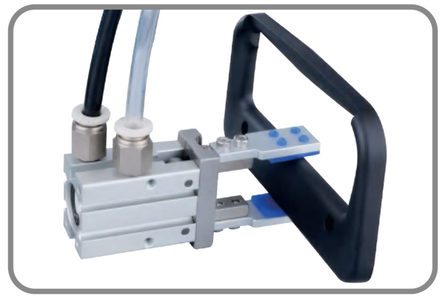




货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	重量 Weight	适配平行夹
406213	DLMHZ-10P	14	10	7	Ø2	2.5	5	26	6	4	2g	MHZ-10S MHZ-10D
406214	DLMHZ-16P	20	14	10	Ø3	4	7	40	8	6	6g	MHZ-16S MHZ-16D
406215	DLMHZ-20P	30	20	12	Ø4	6	9	55	12	8.5	15g	MHZ-20S MHZ-20D
406216	DLMHZ-25P	30	20	15	Ø6	7	12	65	12	8.5	17g	MHZ-25S MHZ-25D
406217	DLMHZ-32P	30	20	15	Ø6	8	14	69	12	8.5	18g	MHZ-32S MHZ-32D

平行夹MHZ2 Parallel clamp MHZ2

运用实例 / Application example



示例一
Example 1

夹片带防滑纹路的朝内安装，可做内夹
Clamps with anti-skid lines are installed inward, which can be used as inner clamps.



示例二
Example 2

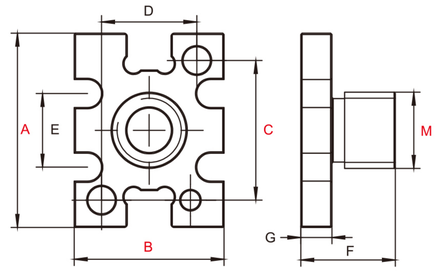
夹片带防滑纹路的朝外安装，可做外撑取物
The clip is installed outward with anti-skid lines, which can be used for external support and fetching.

平行夹底座 Clamp Installation Bracket

运用实例 / Application example

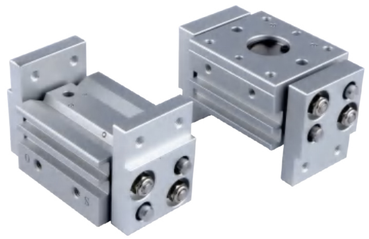






货号（No.）	型号（Model）	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	M(mm)	配套平行夹	
406220	DL-MHZ10-M10	23	16.4	18	12	/	15	5	M10*1.0	MHZ-10S	MHZ-10D
406221	DL-MHZ16-M12	30.6	23.6	22	15	11.6	15	5	M12*1.0	MHZ-16S	MHZ-16D
406222	DL-MHZ20-M17	42	27.6	32	18	14	15	5	M17*1.0	MHZ-20S	MHZ-20D
406223	DL-MHZ20-20	42	27.6	32	18	14	30	8	ϕ20	MHZ-20S	MHZ-20D
406224	DL-MHZ25-M17	52	33.6	40	22	19	15	5	M17*1.0	MHZ-25S	MHZ-25D
406225	DL-MHZ32-M17	60	40	46	26	24	15	5	M17*1.0	MHZ-32S	MHZ-32D

开口夹MHL2 Open clamp MHL2



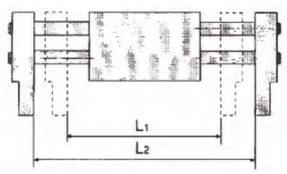
规格 Specification

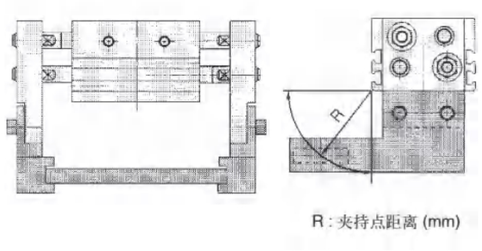
缸径 (mm) Bore diameter	10	16	20	25	32	40
使用流体 Use fluid	空气(不给油)					
动作方式 Action mode	双作用					
最高使用压力MPa Maximum operating pressure	0.6					
最低使用压力MPa Minimum operating pressure	0.15	0.1				
环境和流体温度 Environment and fluid temperature	-10～60°C					
重复精度 Repeatability accuracy	± 0.1 mm					
注1) 夹持力 N Clamping force N	14	45	74	131	228	396
接管口径 Pipe Size	M5 X 0.8				Rc 1/8	

注1) 在0.5MPa的压力下及夹持点距离是40mm (ø10 ~ ø25)80mm (ø32/ø40)
The distance between the clamping point and the pressure of 0.5 MPa is 40 mm.

* 手指行程长，适合夹持体积大的物件。
Long finger stroke, suitable for holding large objects
* 双活塞设计，能增大保持力。
Dual piston design can increase retaining force
* 采用齿轮齿条操作，令手指能同步开闭。
Use gear rack operation to make fingers open and close synchronously
* 防尘设计，因采用特别密封件。
Dust-proof design, due to the use of special seals

行程表（尺寸表） Dimension table





R：夹持点距离 (mm)

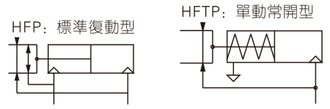
货号 No.	型号Model	Bore diameter mm	最高动作频率 c.p.m	开/闭行程 mm (L2-L1)	闭时宽度 mm (L1)	开时宽度 mm (L2)
406230	MHL2-10D	10	60	20	56	76
406231	MHL2-10D1		40	40	78	118
406232	MHL2-10D2			60	96	156
406233	MHL2-16D	16	60	30	68	98
406234	MHL2-16D1		40	60	110	170
406235	MHL2-16D2			80	130	210
406236	MHL2-20D	20	60	40	82	122
406237	MHL2-20D1		40	80	142	222
406238	MHL2-20D2			100	162	262
406239	MHL2-25D	25	60	50	100	150
406240	MHL2-25D1		40	100	182	282
406241	MHL2-25D2			120	200	320
406242	MHL2-32D	32	30	70	150	220
406243	MHL2-32D1		20	120	198	318
406244	MHL2-32D2			160	242	402
406245	MHL2-40D	40	30	100	188	288
406246	MHL2-40D1		20	160	246	406
406247	MHL2-40D2			200	286	486

气动手指（Y型）Pneumatic Finger

HFP系列



符 号



成品订购码 Finished Ordering Code

HFP 20 □
① ② ③

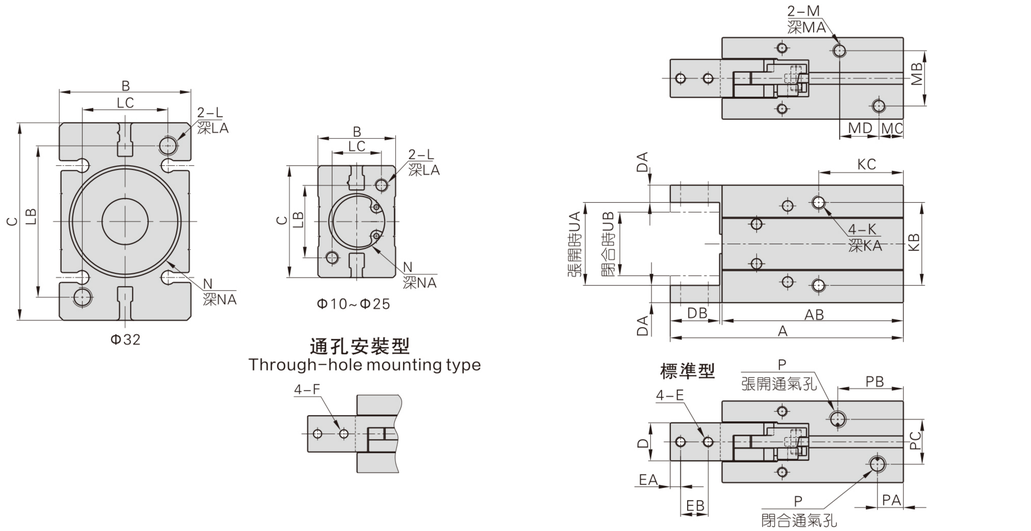
① 规格代号 Specification/Code
HFP：标准复动机械式平行型气动手指
Standard Double Action Mechanical Parallel Pneumatic Finger
HFTP:单动常开Y型气动手指
Single Action Normally Open Y-type Pneumatic Finger

② 缸径 Cylinder diameter
10
16
20
25
32

③ 夹爪可选种类 Optional jaws
空白：标准型
通孔安装型 Through-hole mounting type

HFP 全系类均为附磁性
All types with magnet

外部规格 Dimension table



型號\符號	A	AB	B	C	D	DA	DB	E	EA	EB	F	K	KA	KB	KC	L	LA
HFP10	57(62)	44.5(49.5)	16	23	7	4	12	M2.5×0.45	3	5.5	Φ2.8	M3×0.5	5	16	23(28)	M3×0.5	6
HFP16	72(77)	56.5(61.5)	23.5	34	11	5	15	M3×0.5	4	7	Φ3.3	M4×0.7	8	24	29(34)	M4×0.7	8
HFP20	89.5(94.5)	69(74)	27.5	45	12	6	20	M4×0.7	5	9	Φ4.5	M5×0.8	10	30	34(39)	M5×0.8	10
HFP25	104.5(109.5)	78.5(83.5)	33.5	52	14	8	25	M5×0.8	6	12	Φ5.5	M6×1.0	12	36	31.5(36.5)	M6×1.0	12
HFP32	118(126)	88(96)	40	60	18	9	29	M6×1.0	7	14	Φ6.5	M6×1.0	12	46	37.5(45.5)	M6×1.0	12

型號\符號	LB	LC	M	MA	MB	MC	MD	N	NA	P	PA	PB	PC	UA(張開)	UB(閉合)
HFP10	18	12	M3×0.5	6	10	6(11)	10	$\Phi 11^{+0.05}_{0}$	1	M3×0.5	6	16.5(23)	10	$14.5^{+1.5}_{0}$	10.5^{0}_{-1}
HFP16	22	15	M4×0.7	8	16	6(11)	16	$\Phi 17^{+0.05}_{0}$	1.2	M5×0.8	7.5	20(25)	13	$23.5^{+1.5}_{0}$	15.5^{0}_{-1}
HFP20	32	18	M5×0.8	10	18	8(13)	16	$\Phi 21^{+0.05}_{0}$	1.2	M5×0.8	7.5	24(29)	15	$32.5^{+1.5}_{0}$	20.5^{0}_{-1}
HFP25	40	22	M6×1.0	12	24	8(13)	16	$\Phi 26^{+0.05}_{0}$	1.5	M5×0.8	8	22(29)	20	$35.5^{+1.5}_{0}$	21.5^{0}_{-1}
HFP32	46	26	M6×1.0	12	30	8(16)	20	$\Phi 34^{+0.05}_{0}$	1.5	M5×0.8	9.5	26(37)	22	$42^{+1.5}_{0}$	26.5^{0}_{-1}

[注] 上表中"( )"內的值爲單動型尺寸。

微型抱具气缸 Miniature Holding Cylinder

适用于小型成型品的夹取。
Suitable for grasping small molding products

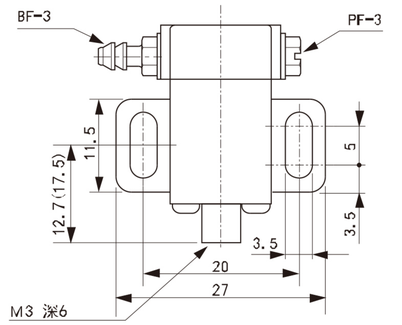


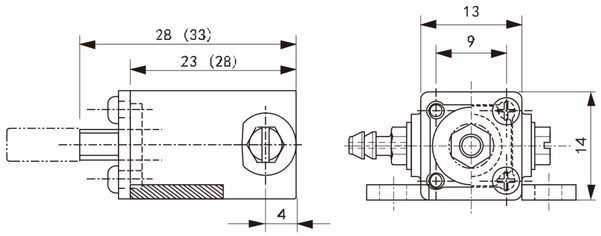
细微型气缸
Miniature Cylinder

型号Model	UMCD-5
货号 No.	503610

细微型气缸
Miniature Cylinder

型号Model	UMCD-10
货号 No.	503611





轻量一体型铝制缸体的微型气缸。
Miniature cylinder with AIO lightweight aluminum cylinder block



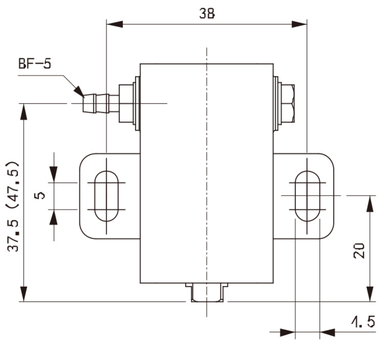
细微型气缸 MCD
Miniature Cylinder MCD

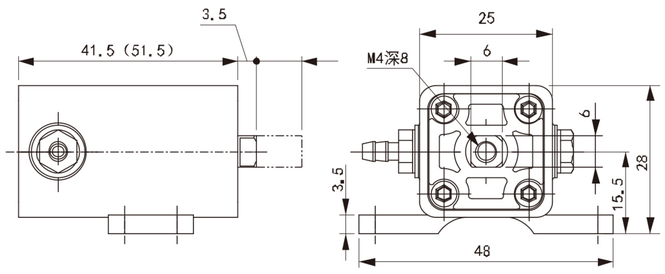
型号Model	MCD-10
货号 No.	503612

细微型气缸 MCD
Miniature Cylinder MCD

型号Model	MCD-20
货号 No.	503613



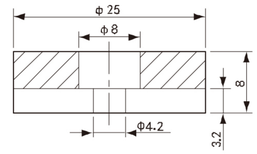




垫板 Backing plate

安装在气缸导杆的前端使用。
Installed at the front end of cylinder guide rod for use.

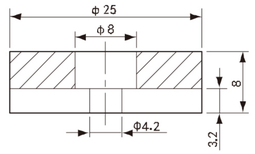




垫板·圆型·黑Ø25·
Cushion Plate, Round and Black
微型气缸用
Microcylinder

型号Model	CP-015
货号 No.	504101

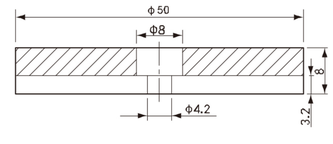




垫板·圆型·白Ø25·
Cushion Plate, Round and White
微型气缸用
Microcylinder

型号Model	CP-074
货号 No.	504102

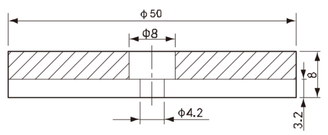




垫板·圆型·黑Ø50·
Cushion Plate, Round and Black
微型气缸用
Microcylinder

型号Model	CP-016
货号 No.	504103

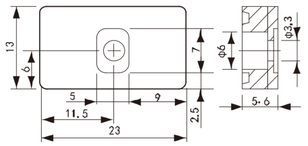




垫板·圆型·白Ø50·
Cushion Plate, Round and White
微型气缸用

型号Model	CP-071
货号 No.	504104

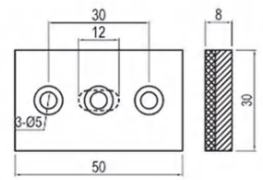




垫板·角型·黑·
Cushion Plate, Angle Type and Black
细微型气缸用
Miniature Cylinder

型号Model	CPUM-01
货号 No.	504105





垫板 · 角型 · 白3孔 · 微型气缸用
Cushion Plate, Angle Type,
White 3 Holes, Micro Cylinder

型号Model	JP3050P
货号 No.	504106

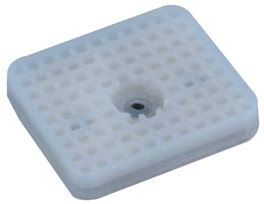
垫板 Backing plate

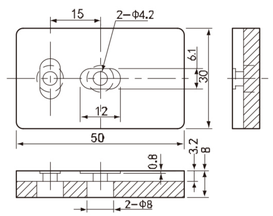
安装在气缸导杆的前端使用。
Installed at the front end of cylinder guide rod for use.





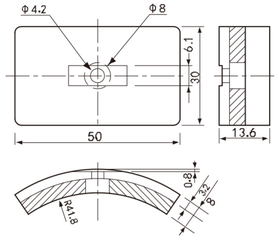
工件上有曲面时使用。
Used when there is a curved surface on the workpiece





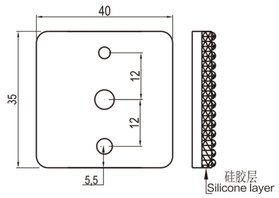
垫板 · 角型 · 白2孔 · 微型气缸用
Cushion Plate, Angle Type,
White 2 Holes, Micro Cylinder

型号Model	CP-061
货号 No.	504108



垫板 · R型 · 白 · 微型气缸用
Cushion Plate, R Type,
White Type, Micro Cylinder

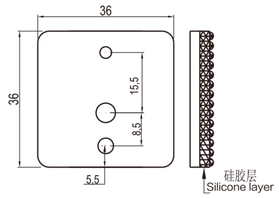
型号Model	CP-072
货号 No.	504110



垫板 · 角型 · 白3孔 · 微型气缸用
Cushion Plate, Angle Type,
White 3 Holes, Micro Cylinder

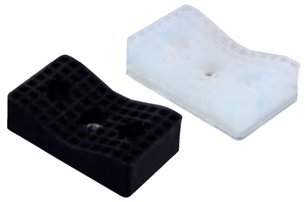
型号Model	JP3540
货号 No.	504114

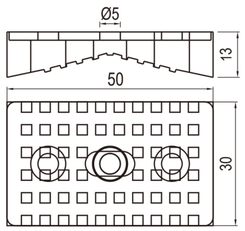




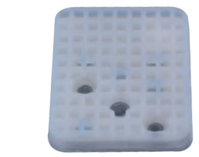
垫板 · 角型 · 白3孔 · 微型气缸用
Cushion Plate, Angle Type,
White 3 Holes, Micro Cylinder

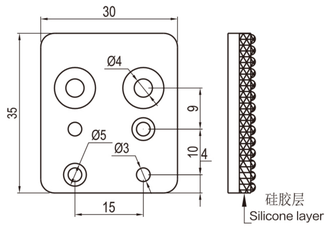
型号Model	JP3636
货号 No.	504115





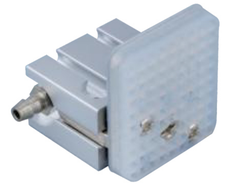
型号Model	JP3050H
货号 No.	504116

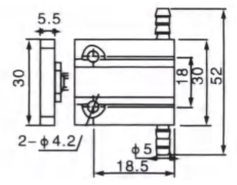


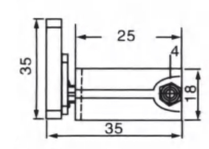


型号Model	JP3035
货号 No.	504117

抱具系列 Holding Tool Series

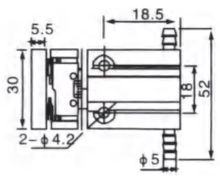


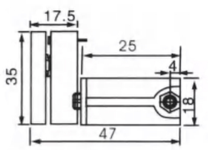




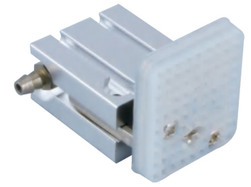
型号Model	DL1205PT
货号 No.	503614

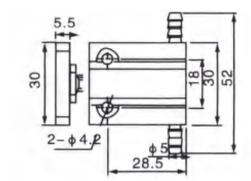


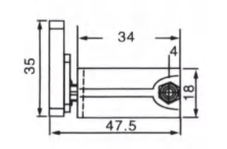




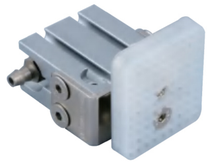
型号Model	DL1205WD
货号 No.	503615

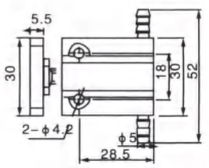


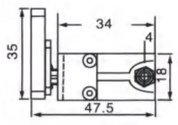




型号Model	DL1210PT
货号 No.	503616

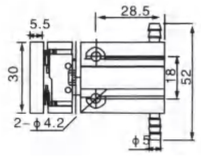


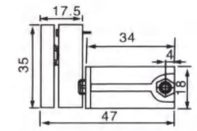




型号Model	DL1210PA
货号 No.	503617

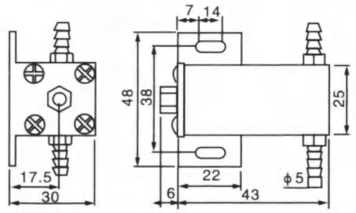






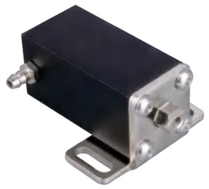
型号Model	DL1210WD
货号 No.	503618

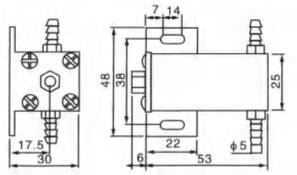




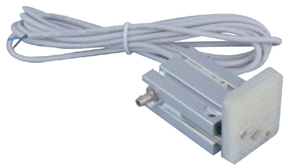
型号Model	DL1815
货号 No.	503619

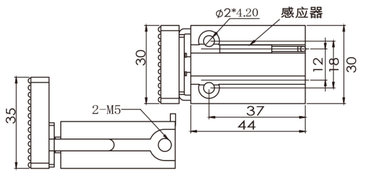
抱具系列 Holding Tool Series





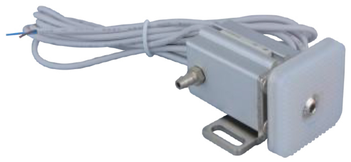
型号Model	DL1820
货号 No.	503620

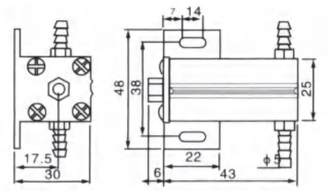




型号Model	DL1210CH
货号 No.	503621

开关选配
Optional switch



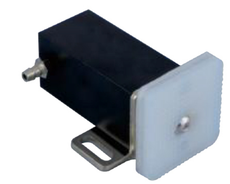


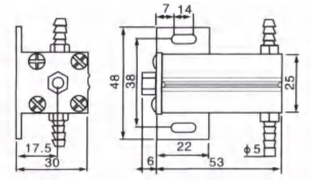
型号Model	DL1810CH
货号 No.	503622

开关选配
Optional switch



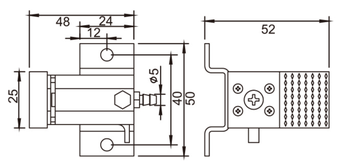




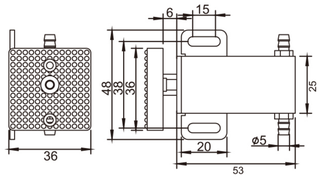


型号Model	DL1815CH
货号 No.	503623

开关选配
Optional switch



型号Model	DL70001
货号 No.	503651



型号Model	DL1820JP3636
货号 No.	503652



型号Model	DL1820JP3050P
货号 No.	503653



型号Model	DL1820JP3050H
货号 No.	503654



型号Model	DL1815CP072
货号 No.	503655

抱具系列 Holding Tool Series



型号Model	DL1815JP3050H
货号 No.	503656



型号Model	DL1815JP3560
货号 No.	503658



型号Model	DL1820JP3540
货号 No.	503660



型号Model	DL1820JZ3050P
货号 No.	503661



型号Model	DL1820JZ3050H
货号 No.	503662

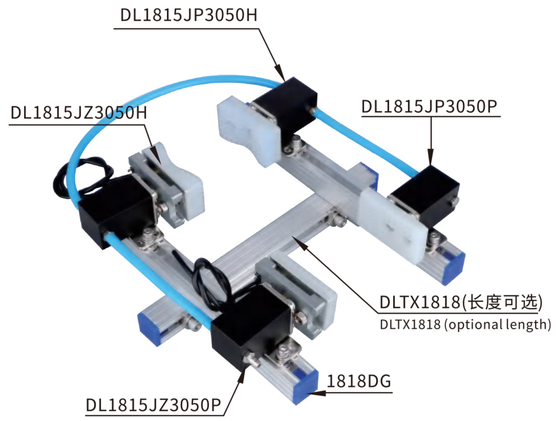


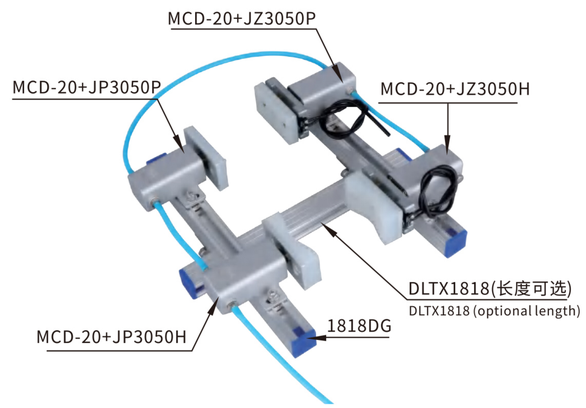
型号Model	DL1815JZ3050P
货号 No.	503663



型号Model	DL1815JZ3050P
货号 No.	503664

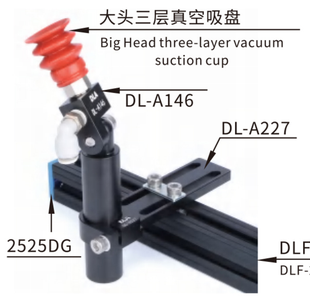
运用实例 / Application example



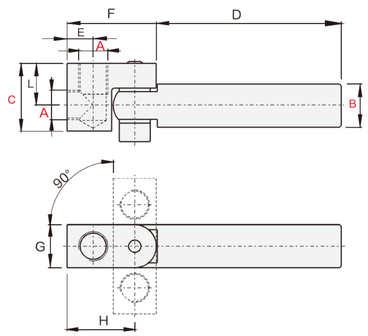


真空吸盘弯臂 Elbow arm for vacuum cup

运用实例 / Application example







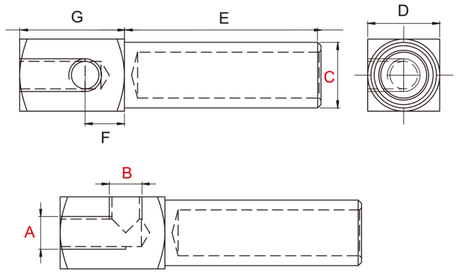
货号No.	型号Model	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	L [mm]	重量Weight
601021	DL-A142	M5	Ø10	16.5	45	5.5	19	10	14	11	17g
601022	DL-A143	M5	Ø10	16.5	100	5.5	19	10	14	11	27g
601023	DL-A144	G1/8"	Ø14	22	60	8.5	29	14	22	13.5	37g
601024	DL-A145	G1/8"	Ø14	22	120	8.5	29	14	22	13.5	53g
601025	DL-A146	G1/8"	Ø20	22	75	8.5	29	14	22	13.5	51g
601026	DL-A147	G1/8"	Ø20	22	150	8.5	29	14	22	13.5	90g
601027	DL-A148	G1/4"	Ø20	27	75	12	38	20	28	15	66g
601028	DL-A149	G1/4"	Ø20	27	150	12	38	20	28	15	95g

真空吸盘支撑腿 Leg for vacuum cup

运用实例 / Application example



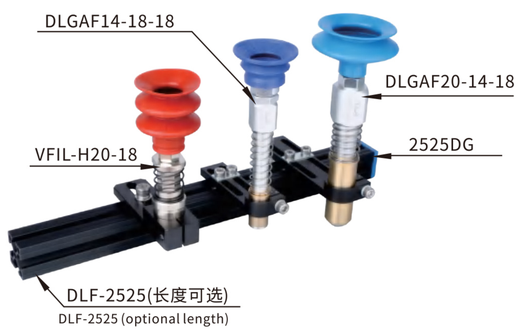


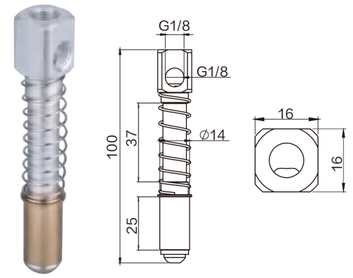


货号No.	型号Model	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	重量 Weight
601031	DL-A151	M5	M5	Ø10	11	30	6	16	10g
601032	DL-A152	M5	M5	Ø10	11	60	6	16	11g
601033	DL-A153	M5	M5	Ø10	11	90	6	16	17g
601034	DL-A154	G1/8	G1/8	Ø14	15	40	8	22	17g
601035	DL-A155	G1/8	G1/8	Ø14	15	80	8	22	25g
601036	DL-A156	G1/8	G1/8	Ø14	15	120	8	22	35g
601037	DL-A157	G1/4	G1/8	Ø20	20	50	8	23	37g
601038	DL-A158	G1/4	G1/8	Ø20	20	100	8	23	54g
601039	DL-A159	G1/4	G1/8	Ø20	20	150	8	23	75g

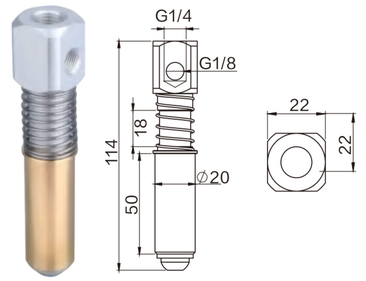
重型吸盘金具 Heavy Duty Sucker Fittings

运用实例 / Application example

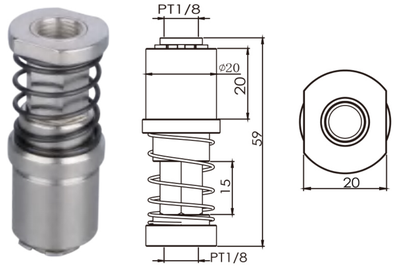




型号Model	DLGAF14-18-18
货号 No.	601080



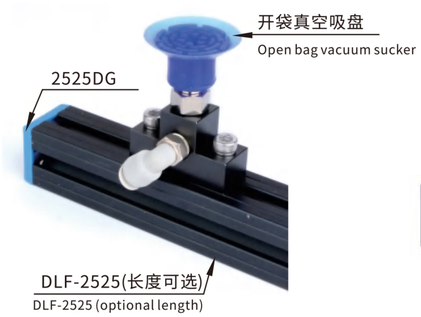
型号Model	DLGAF20-14-18
货号 No.	601081



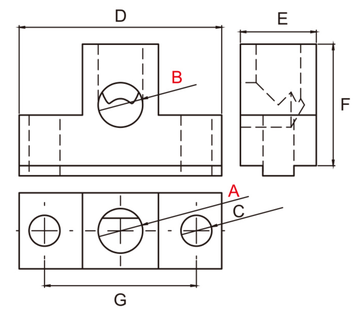
型号Model	VFIL-H20-18
货号 No.	601082

固定支架 Mounting Bracket

运用实例 / Application example





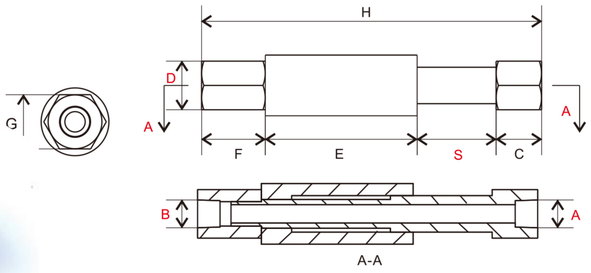


货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	重量 Weight
601090	DL-A280	G1/8	G1/8	6	40	15	24	30	23g
601091	DL-A281	G1/4	G1/8	6	40	15	24	30	

非可旋转悬件 Non-rotatable Suspension

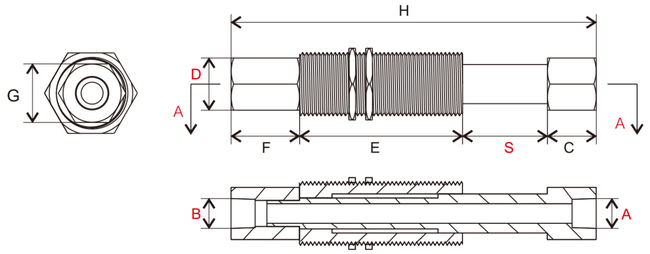
主体和杆由阳极铝制成。
The main body and the rod are made of anodized aluminum.
拥有高负载能力的非可旋转杆
With a Non-rotatable rod with high load capacity





货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601042	DLN1010	M5	M5	12	Ø10	20	16	8	58	11	7g
601043	DLN1420	G1/8	G1/8	15	Ø14	40	19	12	94	20	24g
601105	DLN1435	G1/8	G1/8	19	Ø14	60	20	12	130	35	70g
601044	DLN2025	G1/8	G1/8	15	Ø20	50	22	16	117	25	54g
601045	DLN2050	G1/8	G1/8	15	Ø20	84	22	16	180	50	87g



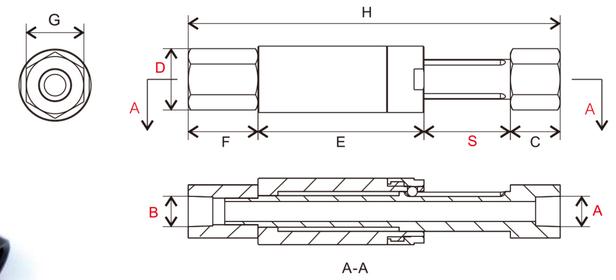


货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601048	DLNT1010	M5	M5	12	M10	22	16	8	58	11	12g
601049	DLNT1420	G1/8	G1/8	15	M14	40	19	12	94	20	51g
601108	DLNT1435	G1/8	G1/8	19	M14	60	20	12	130	35	70g
601050	DLNT2025	G1/8	G1/8	15	M20	50	22	16	117	26	82g
601051	DLNT2050	G1/8	G1/8	15	M20	84	22	16	183	51	120g

可旋转悬件 Rotatable Suspension

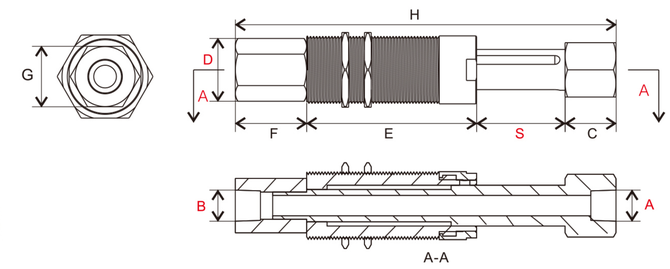
主体和杆由阳极铝制成
The main body and the rod are made of anodized aluminum.
可旋转杆
Rotatable rod





货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601055	DLR1010	M5	M5	15	Ø10	20	15	8	58	10	7g
601112	DLR1020	M5	M5	15	Ø10	20	15	8	58	20	25g
601056	DLR1420	G1/8	G1/8	18	Ø14	40	19	12	94	20	23g
601115	DLR1435	G1/8	G1/8	19	Ø14	60	20	12	130	35	70g
601057	DLR2025	G1/8	G1/8	18	Ø20	50	22	16	117	25	50g
601058	DLR2050	G1/8	G1/8	18	Ø20	84	22	16	183	50	77g

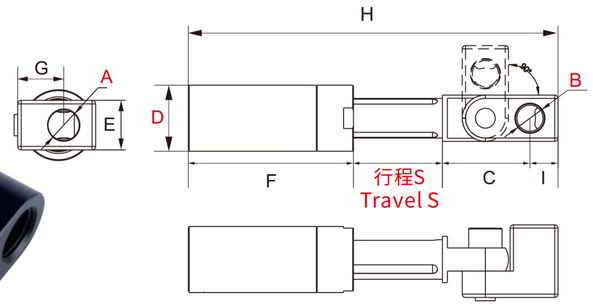




货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601061	DLRT1010	M5	M5	12	M10	20	16	8	58	10	11g
601121	DLRT1020	M5	M5	12	M10	20	16	8	70	20	28g
601062	DLRT1420	G1/8	G1/8	15	M14	40	19	12	94	20	32g
601125	DLRT1435	G1/8	G1/8	19	M14	60	20	12	130	35	34g
601063	DLRT2025	G1/8	G1/8	15	M20	50	22	16	117	25	70g
601064	DLRT2050	G1/8	G1/8	15	M20	84	22	16	183	50	104g

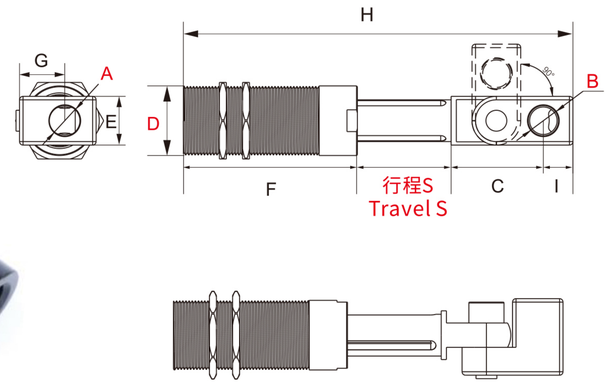
带集成弯臂的非可旋转悬件
Non-rotatable Suspension with integrated Bending Arm





货号No.	型号 (Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601068	DLE1010F05	M5	M5	20	Ø10	8	20	8	58	10	15g
601069	DLE1420F18	G1/8	G1/8	32	Ø14	14	40	14	72	20	45g
601070	DLE2025F18	G1/8	G1/8	35	Ø20	14	50	14	111	25	70g
601071	DLE2050F18	G1/8	G1/8	35	Ø20	14	84	14	169.5	50	105g



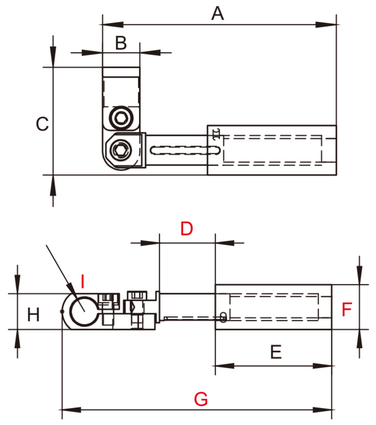


货号No.	型号 (Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
601074	DLET1010F05	M5	M5	20	M10	8	20	8	58	10	18g
601075	DLET1420F18	G1/8	G1/8	32	M14	14	40	14	72	20	57g
601076	DLET2025F18	G1/8	G1/8	35	M20	14	50	14	111	25	88g
601077	DLET2050F18	G1/8	G1/8	35	M20	14	84	14	169.5	50	125g

带集成弯臂的非可旋转悬件
Non-rotatable Suspension with integrated Bending Arm

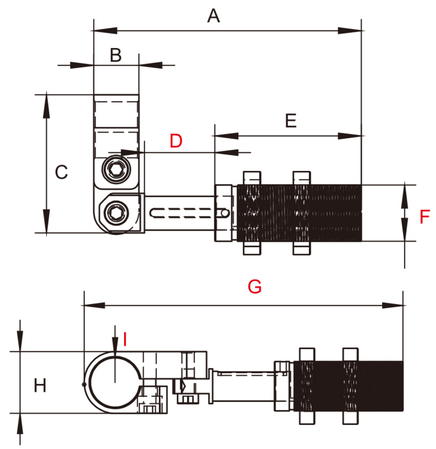






货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(g)
601084	DLE1420-10T	78	15	42	20	40	14	105	16	10	42g
601085	DLE1420-12T	78	15	42	20	40	14	105	16	12	42g
601086	DLE1420-20T	78	15	49	20	40	14	112	25	20	55g
601087	DLE2025-10T	95	15	42	25	52	20	122	16	10	72g
601088	DLE2025-12T	95	15	42	25	52	20	122	16	12	72g
601089	DLE2025-20T	95	15	49	25	52	20	130	25	20	85g





货号No.	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(g)
601090	DLET1420-10T	78	15	42	20	40	M14*1.0	105	16	10	43g
601091	DLET1420-12T	78	15	42	20	40	M14*1.0	105	16	12	43g
601092	DLET1420-20T	78	15	49	20	40	M14*1.0	112	25	20	56g
601093	DLET2025-10T	95	15	42	25	52	M20*1.0	122	16	10	75g
601094	DLET2025-12T	95	15	42	25	52	M20*1.0	122	16	12	75g
601095	DLET2025-20T	95	15	49	25	52	M20*1.0	129	25	20	88g

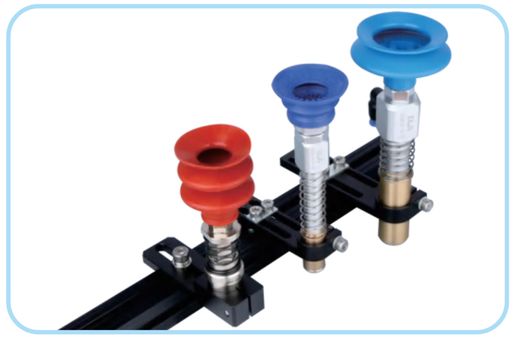
特殊金具系列 Special Metal Fittings Series

特点： Features

- 吸盘接头与吸盘对应接口规格标准，方便选配
  The sucker connector and sucker correspond to the interface specification standard, which is convenient to choose
- 接头与吸盘分体式结构设计，重复利用大幅节约成本
  The split structure design of the joint and sucker can greatly save the cost by reuse.

运用实例 / Application example





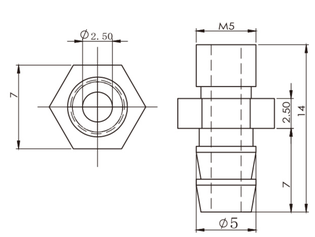




特殊金具系列 Special Metal Fittings Series

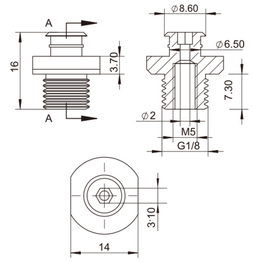


型号 Model	VS04
货号 NO.	609104
重量 Weight	2g



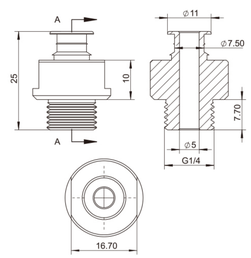


型号 Model	VS05
货号 NO.	609105
重量 Weight	2.9g



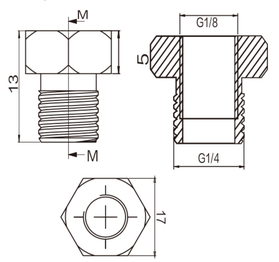


型号 Model	VS06
货号 NO.	609106
重量 Weight	9.5g



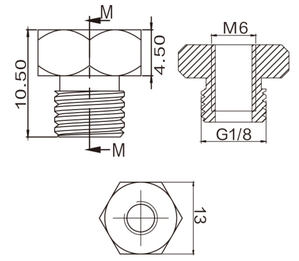


型号 Model	VS07
货号 NO.	609107
重量 Weight	3g



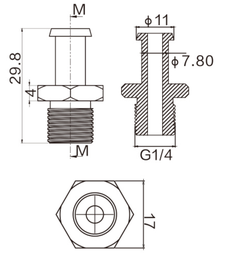


型号 Model	VS08
货号 NO.	609108
重量 Weight	2g



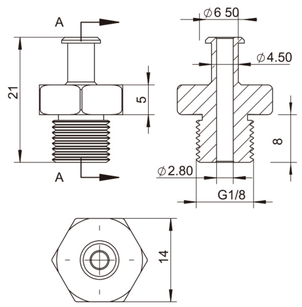


型号 Model	VS09
货号 NO.	609109
重量 Weight	6.5g



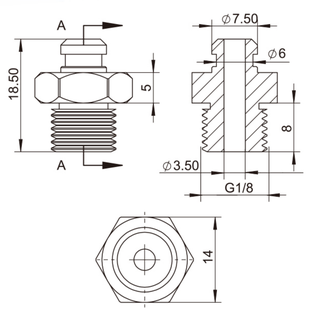


型号 Model	VS01
货号 NO.	609101
重量 Weight	3.5g



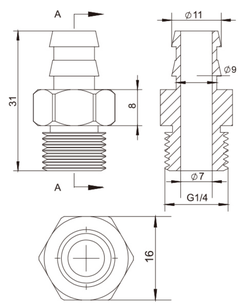


型号 Model	VS02
货号 NO.	609102
重量 Weight	3.6g



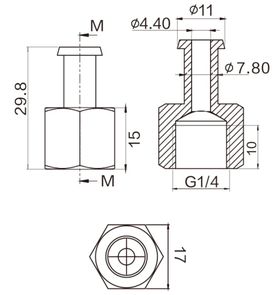


型号 Model	VS03
货号 NO.	609103
重量 Weight	7.0g



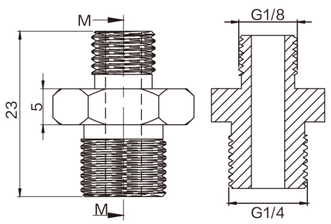


型号 Model	VS10
货号 NO.	609110
重量 Weight	7.5g



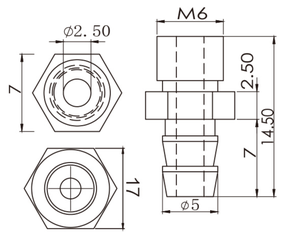


型号 Model	VS11
货号 NO.	609111
重量 Weight	5.5g





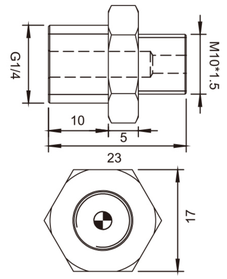
型号 Model	VS12
货号 NO.	609112
重量 Weight	1.5g



特殊金具系列 Special Metal Fittings Series

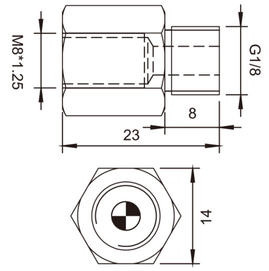


型号 Model	VS13
货号 NO.	609113
重量 Weight	3.5g



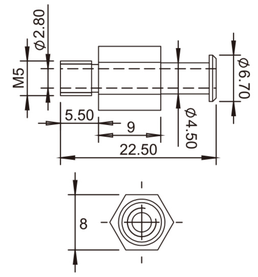


型号 Model	VS14
货号 NO.	609114
重量 Weight	6g



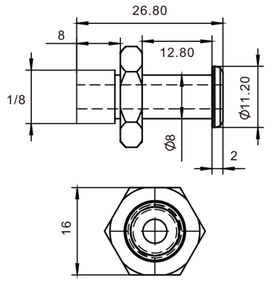


型号 Model	VS15
货号 NO.	609115
重量 Weight	7.0g



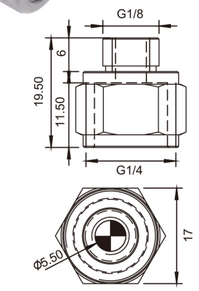


型号 Model	VS16
货号 NO.	609150
重量 Weight	4.5g



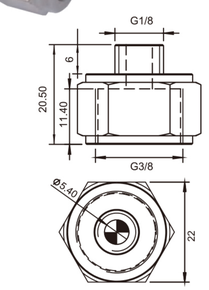


型号 Model	VS17
货号 NO.	609116
重量 Weight	2.9g



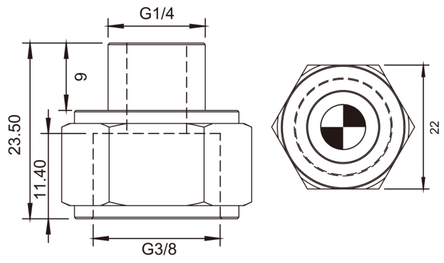


型号 Model	VS18
货号 NO.	609117
重量 Weight	9.5g



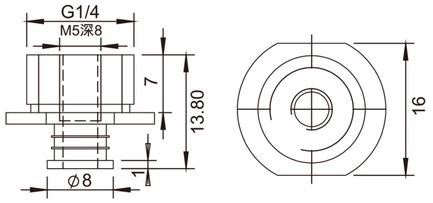


型号 Model	VS19
货号 NO.	609118
重量 Weight	33g





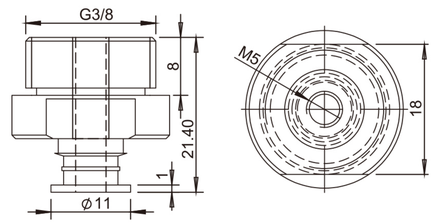
型号 Model	VS21
货号 NO.	609119
重量 Weight	3g



特殊金具系列 Special Metal Fittings Series

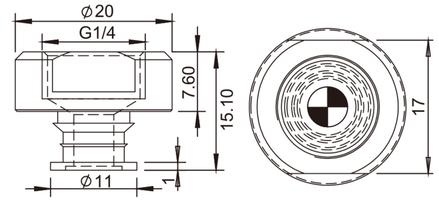


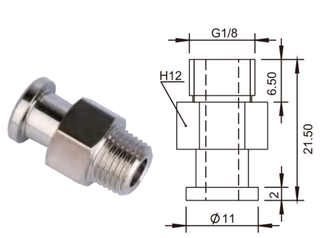
型号 Model	VS22
货号 NO.	609120
重量 Weight	9.5g



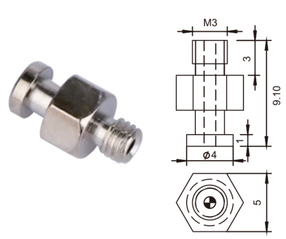


型号 Model	VS23
货号 NO.	609121
重量 Weight	4.5g

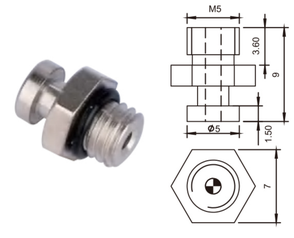




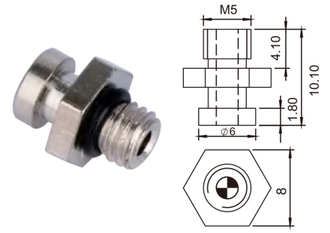
型号 Model	DL1-TCK-G18
货号 No.	609122



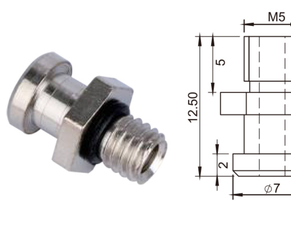
型号 Model	DL1-TSKM3-4
货号 No.	609123



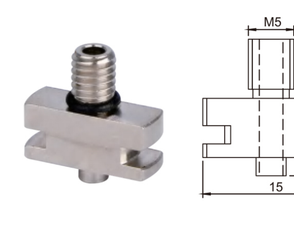
型号 Model	DL1-TSKM5-5
货号 No.	609124



型号 Model	DL1-TSKM5-6
货号 No.	609125

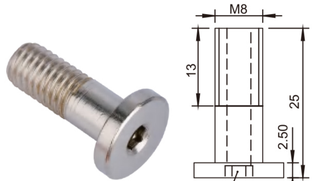


型号 Model	DL1-TSKM5-7
货号 No.	609126

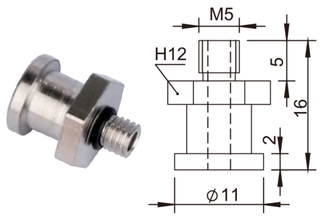


型号 Model	DL1-TSKM5T
货号 No.	609127

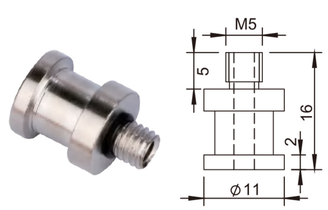
特殊金具系列 Special Metal Fittings Series



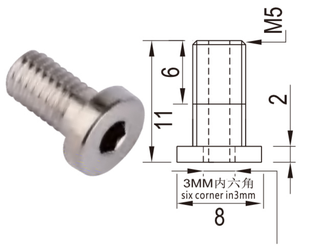
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货号 No.	609128



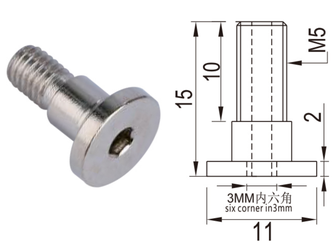
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货号 No.	609129



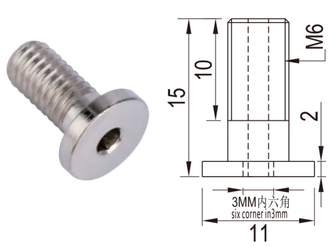
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货号 No.	609130



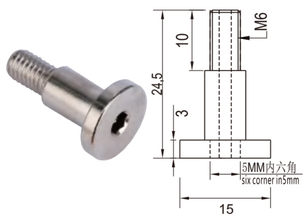
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货号 No.	609131



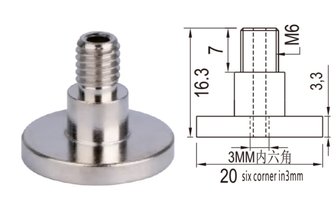
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货号 No.	609132



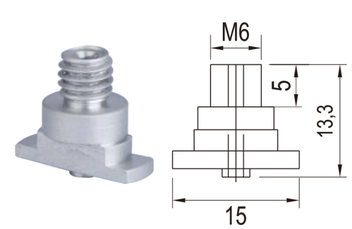
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货号 No.	609133



型号Model	DL1-TSKM6-15
货号 No.	609134



型号Model	DL1-TCKM6-20
货号 No.	609135



型号Model	DL1-TAKM6-A
货号 No.	609136

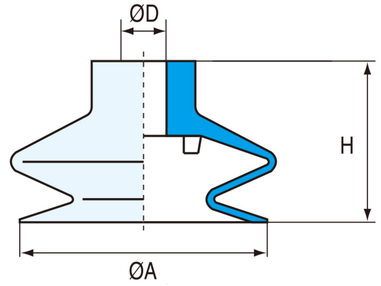
镜面无痕吸盘 Traceless Sucker

主要适用于镜面高光面产品（如车灯、喷漆面等），有一定的无痕效果，具体因产品材料和环境而异。

It is mainly applicable to mirror surface products (such as car lights, paint surfaces, etc.), with a certain traceless effect, depending on the product materials and environment.



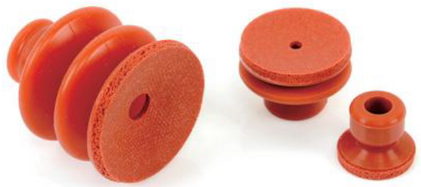




货号No.	型号(Model)	ØA(mm)	H(mm)	ØD(mm)	材质 Material	颜色 Color	硬度 Hardness	对应接头 (Corresponding joint)		
700080	DLSA5	5.5	11	4	无痕材料 Siton	蓝色	60	VS04	VS12	
700081	DLSA5S	5.5	11	4	半透明硅胶 Translucent Silicone	白色	50	VS04	VS12	
700082	DLSA11	11	16	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700083	DLSA11S	11	16	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700084	DLSA14	13	16	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700085	DLSA14S	13	16	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700086	DLSA16	16	19	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700087	DLSA16S	16	19	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700088	DLSA18	18	16.5	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700089	DLSA18S	18	16.5	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700090	DLSA20	19	16	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700091	DLSA20S	19	16	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700092	DLSA22	22	19	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700093	DLSA22S	22	19	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700094	DLSA25	24	23	4	无痕材料 Siton	蓝色	60	VS01	VS04	VS12
700095	DLSA25S	24	23	4	半透明硅胶 Translucent Silicone	白色	50	VS01	VS04	VS12
700096	DLSA26	25	25	8	无痕材料 Siton	蓝色	60	VS03	VS09	VS10
700097	DLSA26S	25	25	8	半透明硅胶 Translucent Silicone	白色	50	VS03	VS09	VS10
700098	DLSA33	33	27.5	8	无痕材料 Siton	蓝色	60	VS03	VS09	VS10
700099	DLSA33S	33	27.5	8	半透明硅胶 Translucent Silicone	白色	50	VS03	VS09	VS10
700100	DLSA43	43	28	8	无痕材料 Siton	蓝色	60	VS03	VS09	VS10
700101	DLSA43S	43	28	8	半透明硅胶 Translucent Silicone	白色	50	VS03	VS09	VS10
700102	DLSA53	53	34	8	无痕材料 Siton	蓝色	60	VS03	VS09	VS10
700103	DLSA53S	53	34	8	半透明硅胶 Translucent Silicone	白色	50	VS03	VS09	VS10
700104	DLSA63	63	34	8	无痕材料 Siton	蓝色	60	VS03	VS09	VS10
700105	DLSA63S	63	34	8	半透明硅胶 Translucent Silicone	白色	50	VS03	VS09	VS10
700106	DLSA78	78	47	12	无痕材料 Siton	蓝色	60	-		
700107	DLSA78S	78	47	12	半透明硅胶 Translucent Silicone	白色	50	-		

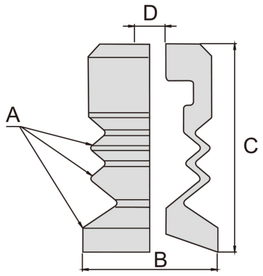
真空海绵吸盘系列 Vacuum Sponge Sucker Series

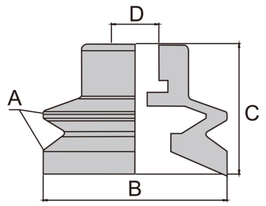




订做各种海绵吸盘
Custom various kinds of sponge suckers







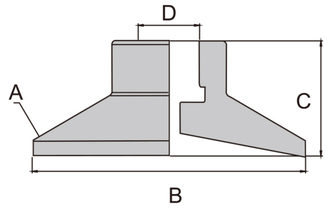
货号 NO.	规格型号 Specification/Model	A层数 Number of layers	B盘面直径 Diameter	C高度 Height	D安装孔 Mounting hole
700131	DL15US-08-SHM	1	15	18.5	8
700132	DL20US-08-SHM	1	20	18.5	8
700133	DL25US-08-SHM	1	25	18.5	8
700134	DL30US-08-SHM	1	30	18.5	8
700135	DL40US-08-SHM	1	40	19	8
700136	DL50US-08-SHM	1	50	19	8
700137	DL15BS-08-SHM	2	15	21	8
700138	DL20BS-08-SHM	2	20	21	8
700139	DL25BS-08-SHM	2	25	21	8
700140	DL30BS-08-SHM	2	30	22	8
700141	DL40BS-08-SHM	2	40	25	8
700142	DL50BS-08-SHM	2	50	27	8
700143	DL15JS-08-SHM	3	15	25	8
700144	DL20JS-08-SHM	3	20	27	8
700145	DL25JS-08-SHM	3	25	27	8
700146	DL30JS-08-SHM	3	30	27	8
700147	DL40JS-08-SHM	3	40	48	8
700148	DL50JS-08-SHM	3	50	46	8

真空海绵吸盘系列 Vacuum Sponge Sucker Series





订做各种粗糙面吸盘
Custom various kinds of
suckers with rough surface

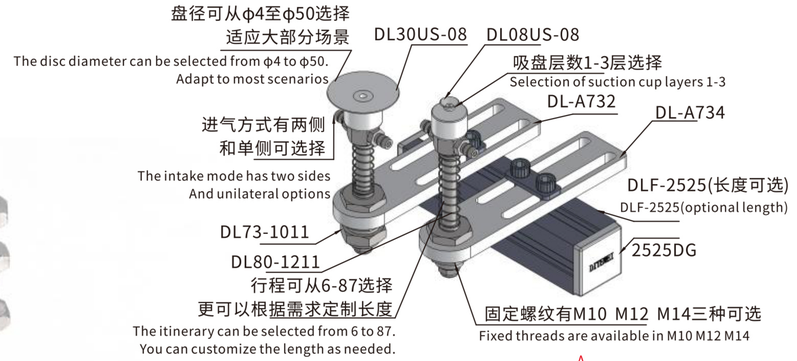


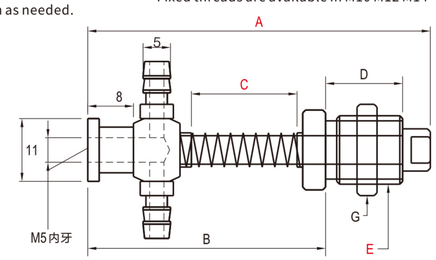


货号 NO.	规格型号 Specification/Model	A层数 Number of layers	B盘面直径 Diameter	C高度 Height	D安装孔 Mounting hole
700160	DL15US-08-NHM	1	15	20	8
700161	DL20US-08-NHM	1	20	20	8
700162	DL25US-08-NHM	1	25	20	8
700163	DL30US-08-NHM	1	30	20	8
700164	DL40US-08-NHM	1	40	21	8
700165	DL50US-08-NHM	1	50	21	8
700166	DL15BS-08-NHM	2	15	23	8
700167	DL20BS-08-NHM	2	20	23	8
700168	DL25BS-08-NHM	2	25	23	8
700169	DL30BS-08-NHM	2	30	24	8
700170	DL40BS-08-NHM	2	40	27	8
700171	DL50BS-08-NHM	2	50	29	8
700172	DL15JS-08-NHM	3	15	27	8
700173	DL20JS-08-NHM	3	20	29	8
700174	DL25JS-08-NHM	3	25	29	8
700175	DL30JS-08-NHM	3	30	29	8
700176	DL40JS-08-NHM	3	40	50	8
700177	DL50JS-08-NHM	3	50	48	8

大头双侧金具系列 Bilateral Intake Big Head Fittings Series





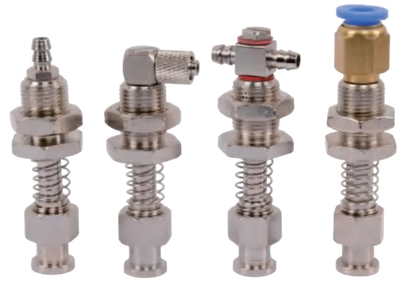


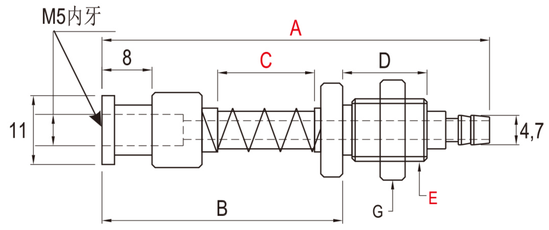
货号No.	规格型号Specification/Model	A mm	B mm	C mm	D mm	E	G mm
602051	DL45-1011	45	31	6	12	M10*1.0	H14
602052	DL45-1211		31	6	12	M12*1.0	H17
602053	DL53-1011	53	35	10	12	M10*1.0	H14
602054	DL53-1211		33	7	15	M12*1.0	H17
602055	DL60-1011	60	43	16	12	M10*1.0	H14
602056	DL60-1211		40	12	15	M12*1.0	H17
602057	DL60-1411		35	8	20	M14*1.0	H17
602058	DL65-1011	65	48	20	12	M10*1.0	H14
602059	DL65-1211		45	16	15	M12*1.0	H17
602060	DL65-1411		40	12	20	M14*1.0	H17
602061	DL73-1011	73	56	29	12	M10*1.0	H14
602062	DL73-1211		53	25	15	M12*1.0	H17
602063	DL73-1411		48	21	20	M14*1.0	H17
602064	DL73-1011A		38	12	30	M10*1.0	H14
602065	DL73-1211A		38	12	30	M12*1.0	H17
602066	DL80-1011	80	63	34	12	M10*1.0	H14
602067	DL80-1211		60	30	15	M12*1.0	H17
602068	DL80-1411		55	26	20	M14*1.0	H17
602069	DL80-1011A		45	19	30	M10*1.0	H14
602070	DL80-1211A		45	19	30	M12*1.0	H17

货号No.	规格型号Specification/Model	A mm	B mm	C mm	D mm	E	G mm
602071	DL90-1011	90	73	40	12	M10*1.0	H14
602072	DL90-1211		70	36	15	M12*1.0	H17
602073	DL90-1411		65	32	20	M14*1.0	H17
602074	DL90-1011A		55	28	30	M10*1.0	H14
602075	DL90-1211A		55	28	30	M12*1.0	H17
602076	DL100-1011	100	83	46	12	M10*1.0	H14
602077	DL100-1211		80	42	15	M12*1.0	H17
602078	DL100-1411		75	38	20	M14*1.0	H17
602079	DL100-1011A		65	35	30	M10*1.0	H14
602080	DL100-1211A		65	35	30	M12*1.0	H17
602081	DL120-1011	120	103	60	12	M10*1.0	H14
602082	DL120-1211		100	56	15	M12*1.0	H17
602083	DL120-1411		95	52	20	M14*1.0	H17
602084	DL120-1011A		85	47	30	M10*1.0	H14
602085	DL120-1211A		85	47	30	M12*1.0	H17
602086	DL150-1011	150	133	87	12	M10*1.0	H14
602087	DL150-1211		130	83	15	M12*1.0	H17
602088	DL150-1411		125	79	20	M14*1.0	H17
602089	DL150-1011A		115	77	30	M10*1.0	H14
602090	DL150-1211A		115	77	30	M12*1.0	H17

以上所有型号均可更换单侧进气，所有尺寸不变
The intake type of all the above models can be changed into single-side air intake and all the dimensions areunchanged.

大头尾部金具系列 Tail Intake Big Head Fittings Series



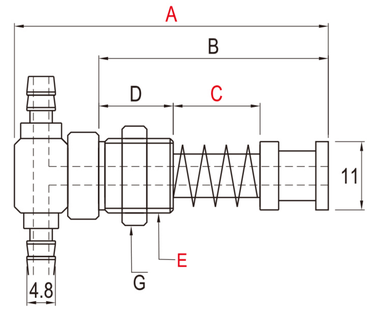


货号No.	规格型号Model	A mm	B mm	C mm	D mm	E	G mm
602095	DL60-1211B	60	35	10	15	M12*1.0	H17
602096	DL72-1211B	70	45	19	15	M12*1.0	H17
602097	DL72-1211BA	70	31	5	29	M12*1.0	H17
602098	DL85-1211B	85	60	30	15	M12*1.0	H17
602099	DL85-1211BA	85	46	17	29	M12*1.0	H17
602100	DL100-1211B	100	75	41	15	M12*1.0	H17
602101	DL100-1211BA	100	61	31	29	M12*1.0	H17
602102	DL125-1211B	125	100	59	15	M12*1.0	H17
602103	DL125-1211BA	125	86	49	29	M12*1.0	H17
602104	DL155-1211B	155	130	84	15	M12*1.0	H17
602105	DL155-1211BA	155	116	73	29	M12*1.0	H17

以上所有型号均可更换成M10和M14安装牙
The fixing screw thread of all the abovemodels can be changed into M10 and M14 fixing screw thread.

大头T型金具系列 T-type Big Head Fittings Series

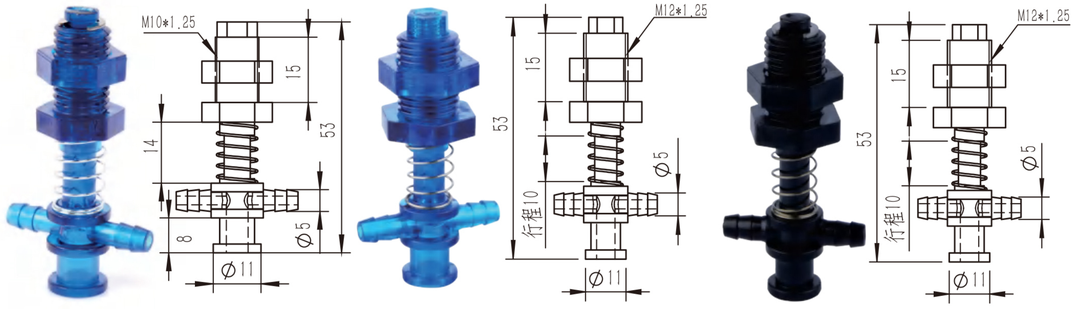




货号No.	规格型号Model	A mm	B mm	C mm	D mm	E	G mm
602111	DL50-1211C	50	37	8	13	M12*1.0	H17
602112	DL65-1211C	65	48	17	13	M12*1.0	H17
602113	DL80-1211C	80	63	22	20	M12*1.0	H17
602114	DL95-1211C	95	78	36	20	M12*1.0	H17
602115	DL120-1211C	120	103	59	20	M12*1.0	H17
602116	DL150-1211C	150	133	80	20	M12*1.0	H17

真空组件

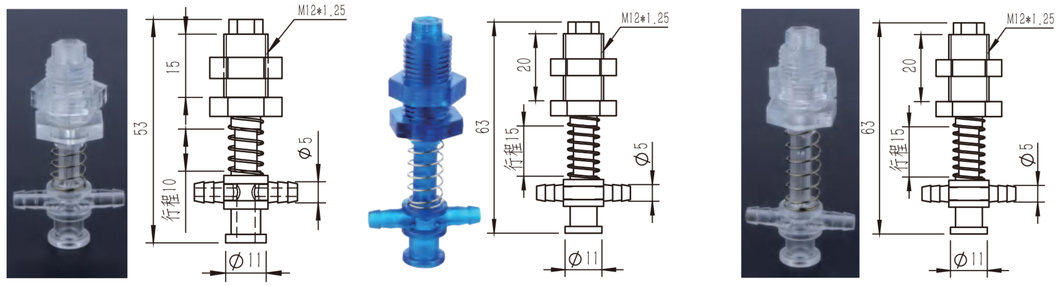
塑料金具系列 Plastic hardware series



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货号 No.	602170

型号Model	DL3-YPJ53M12-11
货号 No.	602172

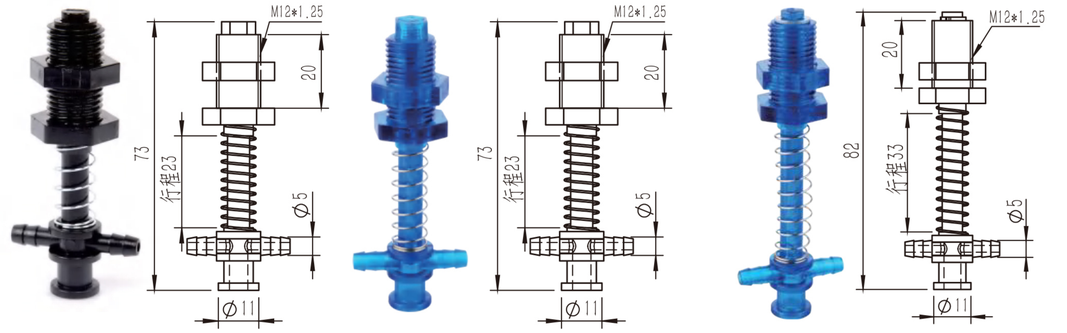
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货号 No.	602173



型号Model	DL3-YPK53M12-11
货号 No.	602174

型号Model	DL3-YPJ63M12-11
货号 No.	602175

型号Model	DL3-YPK63M12-11
货号 No.	602176

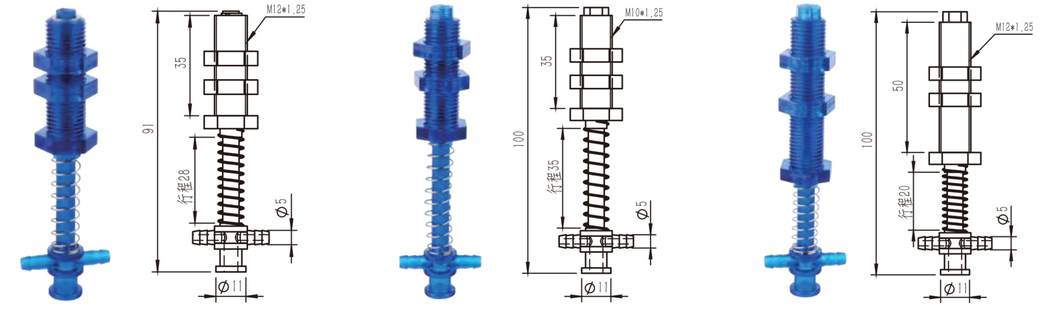


型号Model	DL3-YPJ73M12-11BK
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型号Model	DL3-YPJ73M12-11
货号 No.	602178

型号Model	DL3-YPJ82M12-11
货号 No.	602179

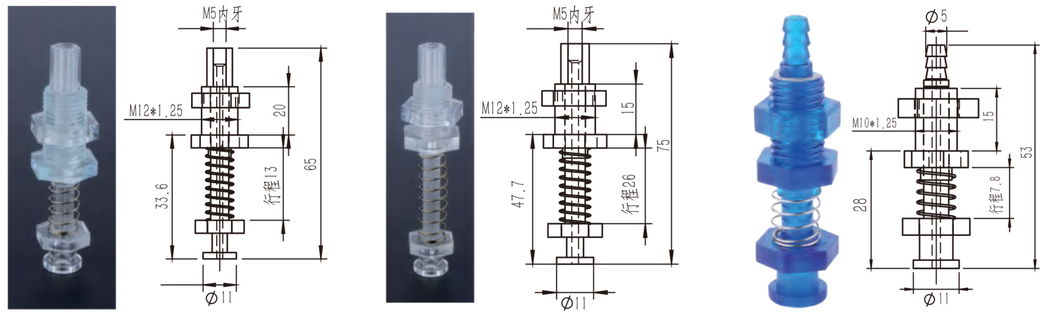
塑料金具系列 Plastic hardware series



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型号Model	DL3-YPJ100M12-11
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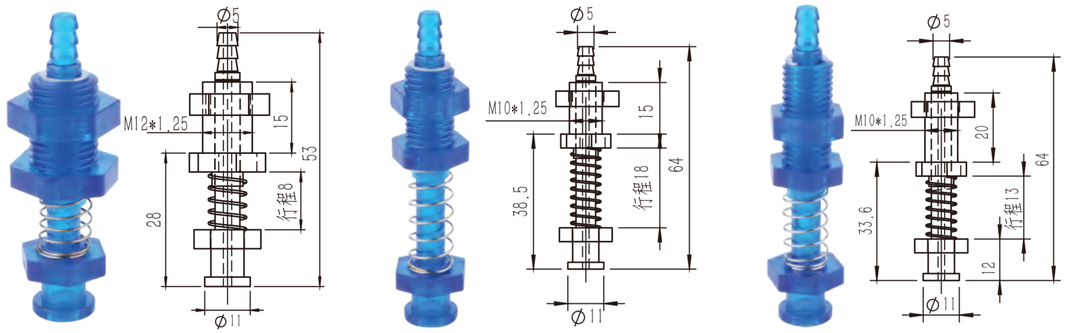
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型号Model	DL3-TPK65M12-11
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型号Model	DL3-TPK75M12-11
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型号Model	DL3-TPJ53M10-11
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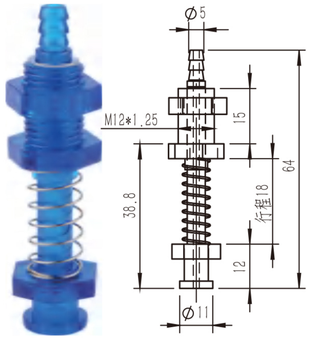


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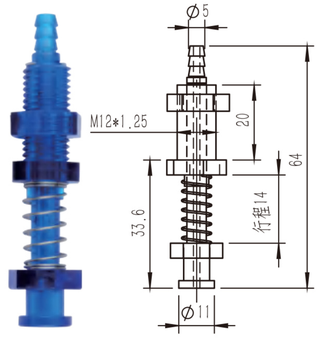
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型号Model	DL3-TPJ64M10-11B
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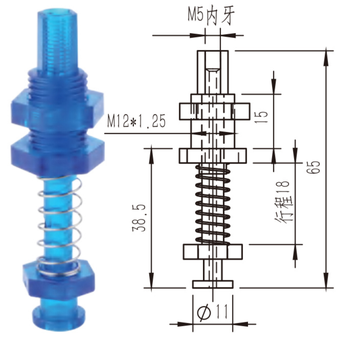
塑料金具系列 Plastic hardware series



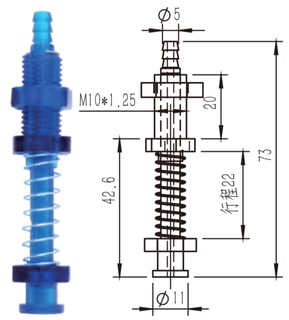
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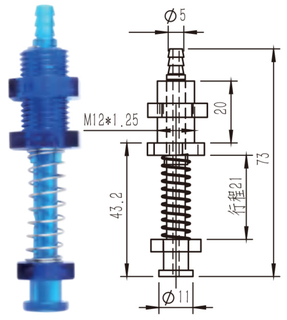
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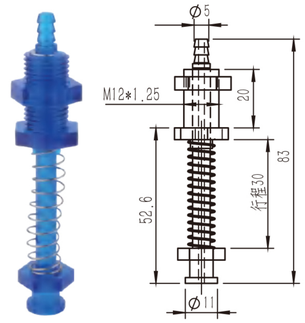
型号Model	DL3-TPJ65M12-11A
货号 No.	602193



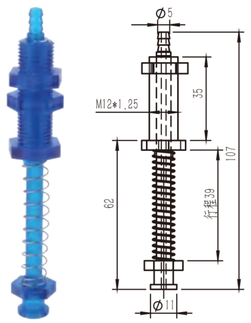
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货号 No.	602194



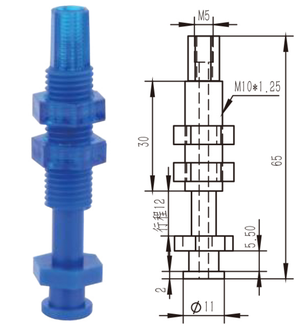
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货号 No.	602195



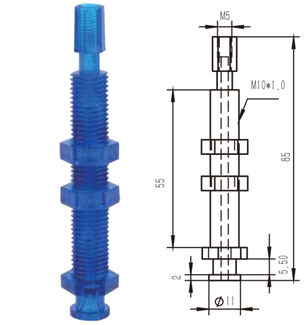
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型号Model	DL3-TPJ107M12-11
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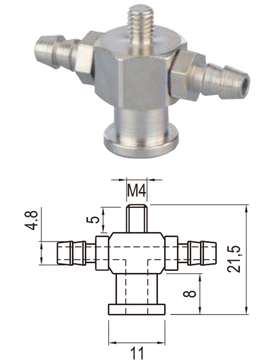


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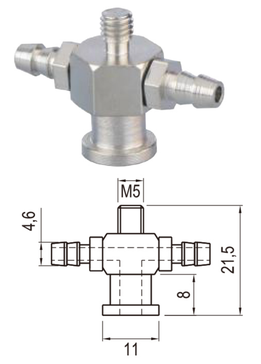


型号Model	DL1-TPJ85M10
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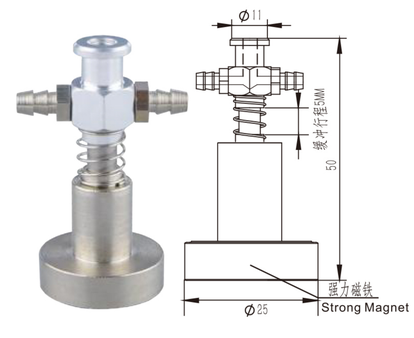
磁性金具系列 Magnetic hardware series



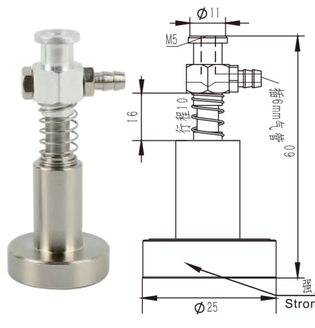
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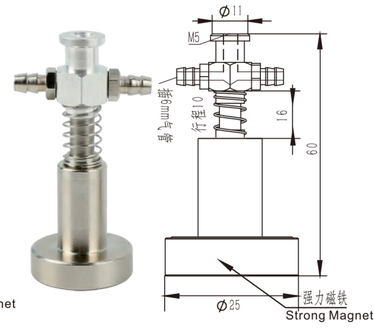
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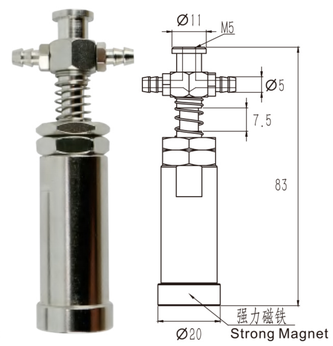
型号Model	DL3-YSJ50-11
货号 No.	602135



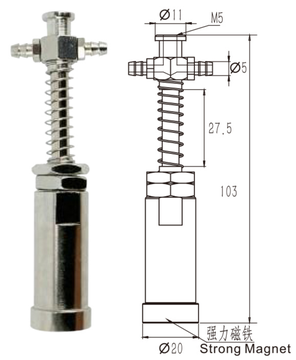
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货号 No.	602136



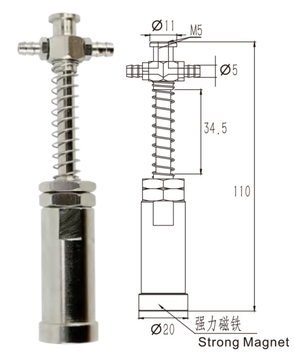
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货号 No.	602139



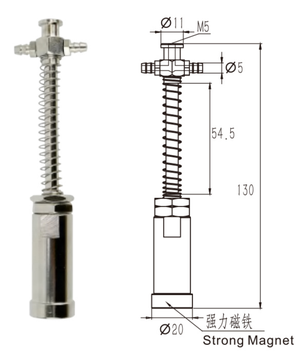
型号Model	DL3-YSJ83-11CL
货号 No.	602138



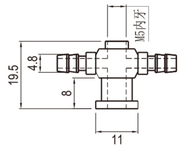
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货号 No.	602140



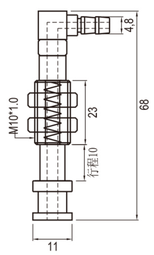
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货号 No.	602141



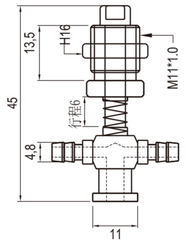
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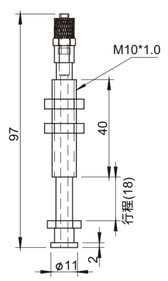
型号Model	DL1-YSKM5A-11
货号 No.	602132

型号Model	DL2-TCJ68M10
货号 No.	602137

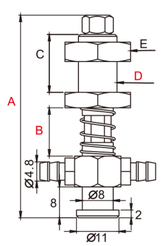



型号Model	DL3-YAJ45M11
货号 No.	602143

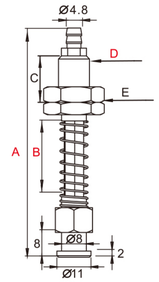



型号Model	DL2-TCJ97M10
货号 No.	602144

不旋转金具吸盘座
Non-rotating Fittings Sucker Holder

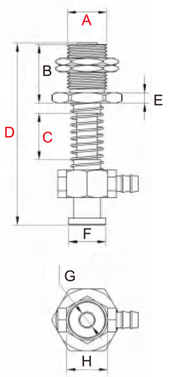
货号 No.	规格型号Model	A(mm)	B(mm)	C(mm)	D	E
602150	DL3-YSK50M10-11	50	10	13	M10	M14
602151	DL3-YSK73M10-11	73	29	13	M10	M14
602154	DL3-YSK50M12-11	50	6	15	M10	M17
602155	DL3-YSK73M12-11	73	25	15	M10	M17

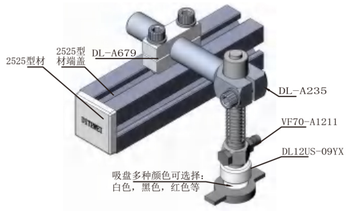



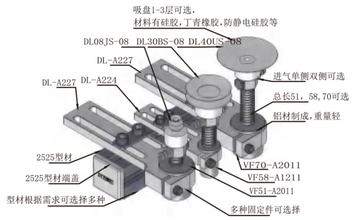
货号 No.	规格型号Model	A(mm)	B(mm)	C(mm)	D	E
602152	DL3-TSK60M10-11	60	13	13	M10	M14
602153	DL3-TSK75M10-11	75	26	13	M10	M14
602156	DL3-TSK60M12-11	60	12	15	M10	M17
602157	DL3-TSK75M12-11	75	24	15	M10	M17

吸着金具（小型）Adsorbing Fittings (small size)

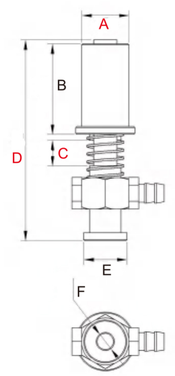
根据吸盘的种类选择，以确保吸附。
Choose according to sucker type to ensure adsorption

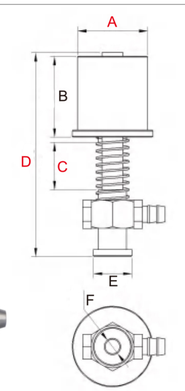




货号No.	规格型号Model	A	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)
602351	VF46-1211	M12*1.0	17	5	46	4	Φ11	M5	12
602354	VF53-1211	M12*1.0	17	10	53	4	Φ11	M5	12
602357	VF65-1211	M12*1.0	17	20	65	4	Φ11	M5	12
602340	VF80-1211	M12*1.0	19	39	80	4	Φ11	M5	12
602341	VF100-1211	M12*1.0	19	59	100	4	Φ11	M5	12

货号No.	规格型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F
602352	VF51-A1211	Φ12	23	5	51	Φ11	M5
602355	VF58-A1211	Φ12	23	10	58	Φ11	M5
602358	VF70-A1211	Φ12	23	20	70	Φ11	M5
602342	VF80-A1211	Φ12	23	35	80	Φ11	M5
602343	VF100-A1211	Φ12	23	55	100	Φ11	M5

货号No.	规格型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F
602353	VF51-A2011	Φ20	23	5	51	Φ11	M5
602356	VF58-A2011	Φ20	23	10	58	Φ11	M5
602359	VF70-A2011	Φ20	23	20	70	Φ11	M5
602344	VF80-A2011	Φ20	23	35	80	Φ11	M5
602345	VF100-A2011	Φ20	23	55	100	Φ11	M5

大头吸盘系列 Big head sucker series

规格说明



单层示意图
Single layer schematic diagram

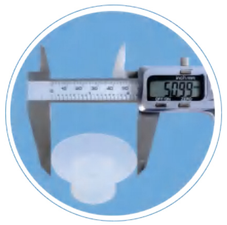


双层示意图
Double-layer schematic diagram

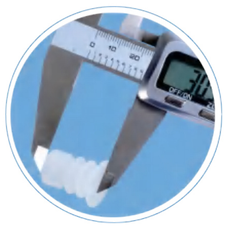


三层示意图
Three-layer schematic diagram

规格测量方法



A:吸盘盘径
A:Sucker diameter



B:吸盘高度
B:Sucker height



C:安装孔内径
C:Inner diameter of mounting hole

吸盘材质表

吸盘材质特效汇总表

吸盘橡胶材料	性能																
	弹性	强度	硬度	抗变形	低温	高温	透气	耐磨	耐老化	耐油	耐酸	耐碱	耐溶剂	耐候	耐臭氧	电绝缘	耐水
丁腈橡胶	良	一般	良	良	0	120	良	优	差	优	良	良	差	差	差	差	良
硅橡胶	良	差	良	优	-30	200	差	差	良	差	差	良	差	优	优	良	良
聚氨脂橡胶	良	优	良	一般	0	60	良	优	优	优	差	差	差	良	优	良	差
氟橡胶	一般	一般	优	良	0	250	良	良	优	优	优	差	优	优	优	一般	优

型号表示方法

DL 04 U S - 08

- DL：鼎凌系列 Dingling series
- 04：吸盘盘径 Sucker diameter
- U：层数 Layers
- S：材质 Material
- 08：安装孔内径 Inner diameter of mounting hole

记号 Mark	材质 material
N	NBR
S	硅橡胶 Silicon
U	聚氨酯橡胶 Polyurethane rubber
F	FKM
GN	导电性NBR Conductivity Nbr
GS	导电性硅橡胶 Conductive silicone rubber

层数 number of plies	
U	一层
B	双层
J	三层

大头吸盘系列 Big head sucker series

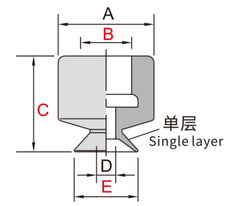
运用实例 / Application example



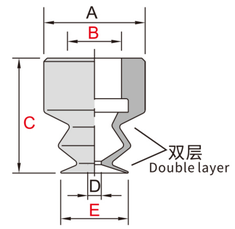


外形尺寸图

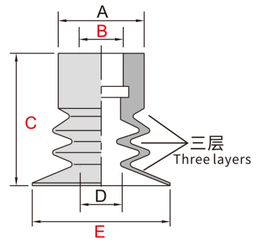
货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701011	DL04US-08	15	8	14	1	4
701012	DL06US-08	15	8	15	1	6
701013	DL08US-08	15	8	15	2	8
701014	DL10US-08	15	8	15	3	10
701015	DL12US-08	15	8	15	3	12
701016	DL15US-08	16	8	15.5	3	15
701017	DL20US-08	16	8	15.5	3	20
701018	DL25US-08	15	8	15	3	25
701019	DL30US-08	16	8	15	3	30
701020	DL40US-08	17	8	16	4	40
701021	DL50US-08	20	8	15	3	50



货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701022	DL06BS-08	15	8	18	2.5	6
701023	DL08BS-08	15	8	17	3	8
701024	DL10BS-08	15	8	17	3	10
701025	DL12BS-08	15	8	17	3	12
701026	DL15BS-08	15	8	18	7	15
701027	DL20BS-08	15	8	18	8	20
701028	DL25BS-08	15	8	18	10	25
701029	DL30BS-08	18	8	19	15	30
701030	DL35BS-08	18	8	19	15	35
701031	DL40BS-08	23	8	22	23	40
701032	DL50BS-08	24	8	24	24	50



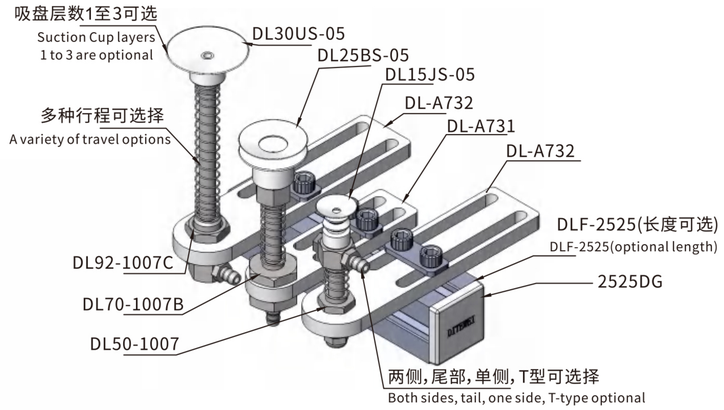
货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701033	DL08JS-08	15	8	20	4	8
701034	DL10JS-08	15	8	19	4	10
701035	DL12JS-08	15	8	20	5	12
701036	DL15JS-08	15	8	22	9	15
701037	DL20JS-08	15	8	24	3	20
701038	DL25JS-08	15	8	24	8	25
701039	DL30JS-08	15	8	24	10	30
701040	DL40JS-07	20	7	45	15	40
701041	DL50JS-07	20	7	43	25	50
701042	DLST3-8B	15	8	24	2	7.8
701043	DLST3-10B	15	8	24	3	10
701044	DLST3-12B	15	8	24	3	12
701045	DLST3-15B	15	8	24	2	15
701046	DLST3-15	15	8	22	8	15
701047	DLST3-20	15	8	25	12	20
701048	DLST3-25	17	8	29	12	25
701049	DLST3-30	17	8	35	15	30

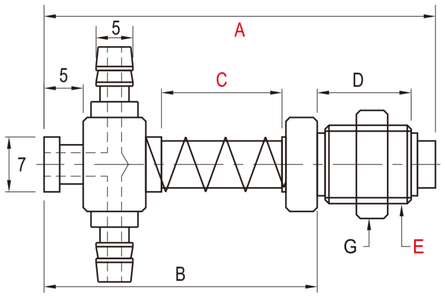


以上型号默认为乳白色硅胶，可定做黑色、黄色、蓝色、红色。也可定做防静电硅胶，丁青橡胶，三元乙丙材料。
The above models are made of milky white silicone by default and those in black, yellow, blue and red can be customized. In addition, those can be customized with antistatic silicone, NBR and EPDM.

小头双侧金具系列 Bilateral Intake Small Head Fittings Series





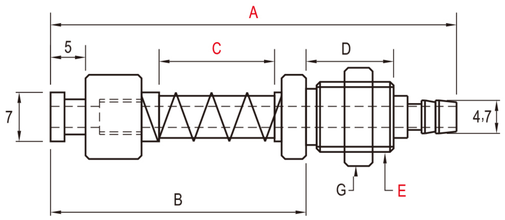


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E	G
606231	DL42-1007	42	28	5	12	M10*1.0	H14
606232	DL45-1007	45	28	5	12	M10*1.0	H14
606233	DL50-1007	50	33	10	12	M10*1.0	H14
606234	DL57-1007	57	40	15	12	M10*1.0	H14
606235	DL62-1007	62	45	20	12	M10*1.0	H14
606236	DL70-1007	70	53	24	12	M10*1.0	H14
606237	DL70-1007A	70	35	10	30	M10*1.0	H14
606238	DL77-1007	77	60	30	12	M10*1.0	H14
606239	DL77-1007A	77	42	17	30	M10*1.0	H14
606240	DL87-1007	87	70	40	12	M10*1.0	H14
606241	DL87-1007A	87	52	26	30	M10*1.0	H14
606242	DL97-1007	97	80	46	12	M10*1.0	H14
606243	DL97-1007A	97	62	32	30	M10*1.0	H14
606244	DL117-1007	117	100	60	12	M10*1.0	H14
606245	DL117-1007A	117	82	47	30	M10*1.0	H14
606246	DL147-1007	147	130	86	12	M10*1.0	H14
606247	DL147-1007A	147	112	72	30	M10*1.0	H14

以上所有型号均可更换M12及M14安装牙，也可改为单侧进气
The fixing screw thread of all the above models can be changed into M12 andM14 fixing screw thread.

小头尾部金具系列 Tail Intake Small Head Fittings Series



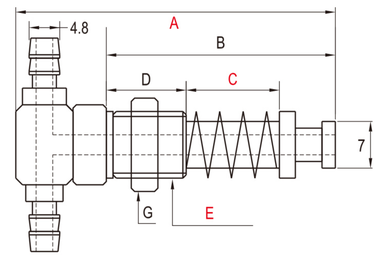


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E	G
606260	DL57-1007B	57	35	13	12	M10*1.0	H14
606261	DL67-1007B	67	47	22	12	M10*1.0	H14
606262	DL67-1007BA	67	28	5	29	M10*1.0	H14
606263	DL82-1007B	82	60	35	12	M10*1.0	H14
606264	DL82-1007BA	82	43	20	29	M10*1.0	H14
606265	DL97-1007B	97	75	44	12	M10*1.0	H14
606266	DL97-1007BA	97	58	32	29	M10*1.0	H14
606267	DL123-1007B	123	102	65	12	M10*1.0	H14
606268	DL123-1007BA	123	84	49	29	M10*1.0	H14
606269	DL153-1007B	153	131	92	12	M10*1.0	H14
606270	DL153-1007BA	153	114	77	29	M10*1.0	H14

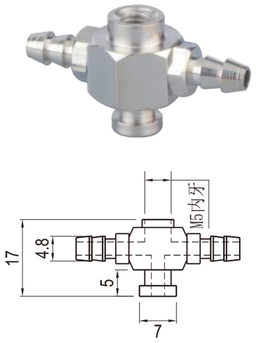
以上所有型号均可更换M12及M14安装牙,配6MM气管用,接头可更换
The fixing screw thread of all the above models can be changed into M12 and M14 fixing screw thread.
Used by equipping with 6MM air pipe and connector can be replaced.

小头T型金具系列 T-type Small Head Fittings Series

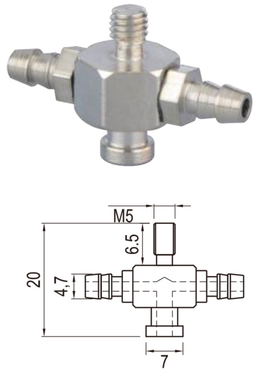




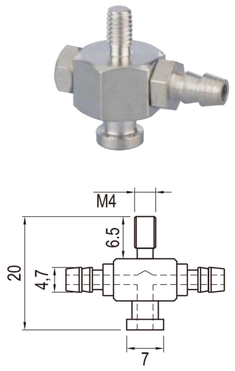
货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E	G	弹簧安装方式
606280	DL48-1007C	48	37	9	13	M10*1.0	H14	外置弹簧
606281	DL60-1007C	60	48	17	13	M10*1.0	H14	外置弹簧
606282	DL60-0807CA	60	43	7	30	M8*1.0	H12	内置弹簧
606283	DL70-0807C	70	53	17	30	M8*1.0	H12	内置弹簧
606284	DL80-0807C	80	71	23	38	M8*1.0	H12	内置弹簧
606285	DL92-1007C	92	75	40	13	M10*1.0	H14	外置弹簧
606286	DL120-1007C	120	103	55	13	M10*1.0	H14	外置弹簧
606287	DL150-1007C	150	133	80	13	M10*1.0	H14	外置弹簧



型号Model	DL1-YSKM5A-7
货号 No.	606301

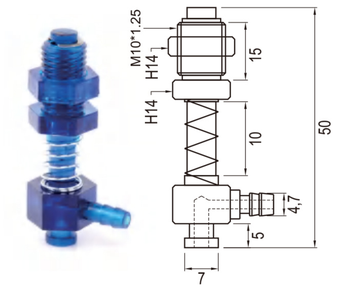


型号Model	DL1-YSKM5-7
货号 No.	606302

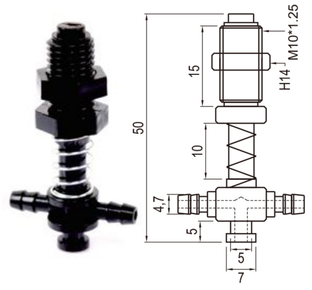


型号Model	DL1-YSKM4-7
货号 No.	606303

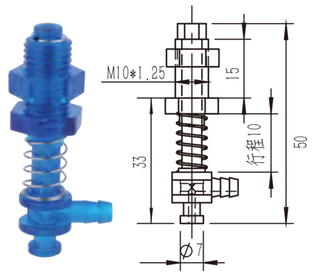
塑料金具系列 Plastic hardware series



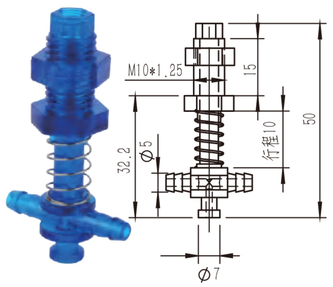
型号Model	DL3-YPJ50M10-7A
货号 No.	606305



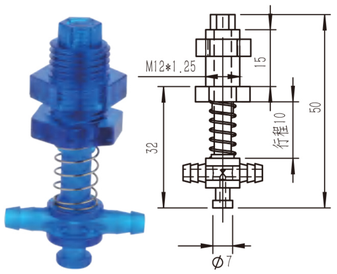
型号Model	DL3-YPJ50M10
货号 No.	606306



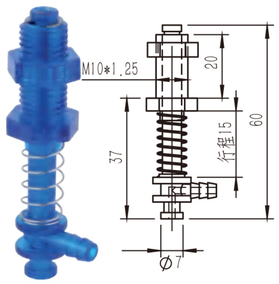
型号Model	DL3-YPJ50M10-7D
货号 No.	606307



型号Model	DL3-YPJ50M10-7
货号 No.	606308

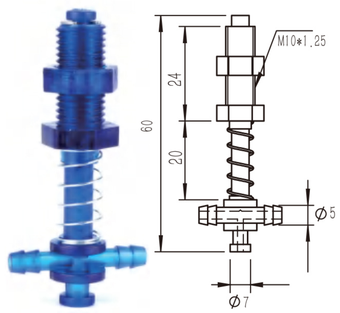


型号Model	DL3-YPJ50M12-7
货号 No.	606309

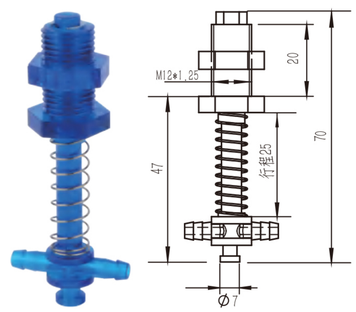


型号Model	DL3-YPJ60M10-7D
货号 No.	606310

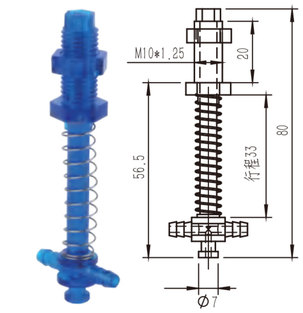
塑料金具系列 Plastic hardware series



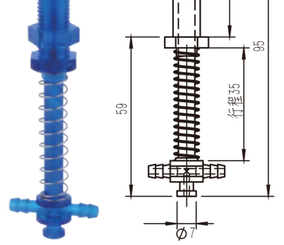
型号Model	DL3-YPJ60M10-7
货号 No.	606311



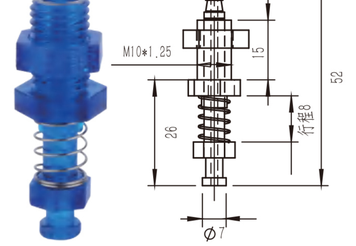
型号Model	DL3-YPJ70M12-7
货号 No.	606312



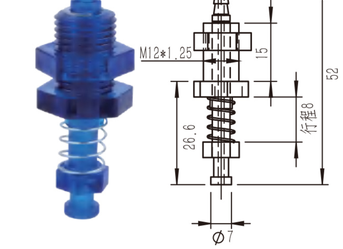
型号Model	DL3-YPJ80M10-7
货号 No.	606313



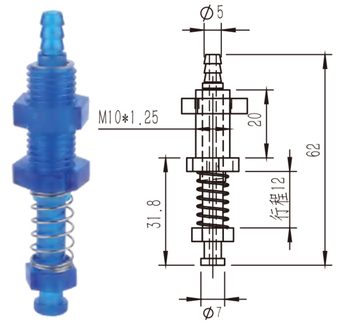
型号Model	DL3-YPJ95M10-7
货号 No.	606314



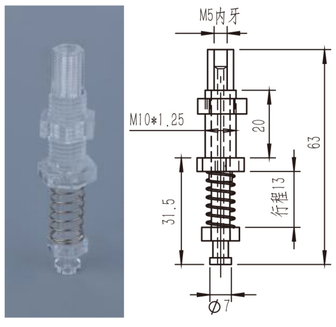
型号Model	DL3-TPJ52M10-7
货号 No.	606315



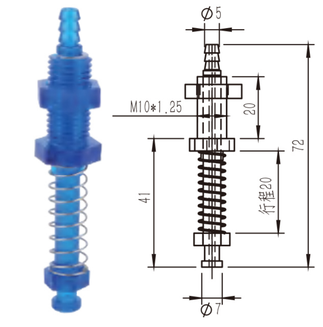
型号Model	DL3-TPJ52M12-7
货号 No.	606316



型号Model	DL3-TPJ62M10-7
货号 No.	606317

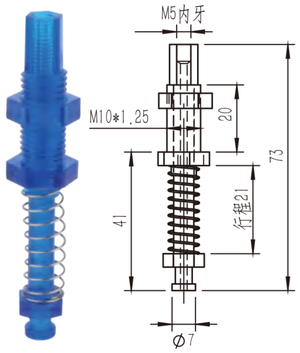


型号Model	DL3-TPK63M10-7
货号 No.	606318

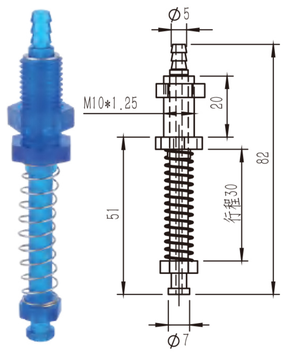


型号Model	DL3-TPJ72M10-7
货号 No.	606319

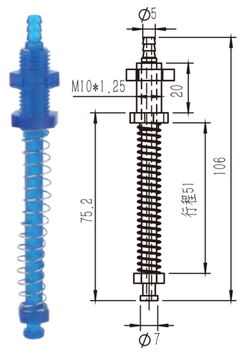
塑料金具系列 Plastic hardware series



型号Model	DL3-TPJ73M10-7A
货号 No.	606325

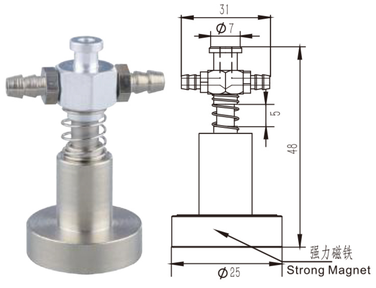


型号Model	DL3-TPJ82M10-7
货号 No.	606326

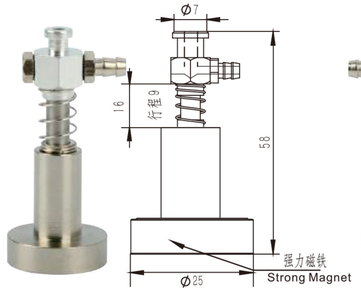


型号Model	DL3-TPK106M10-7
货号 No.	606327

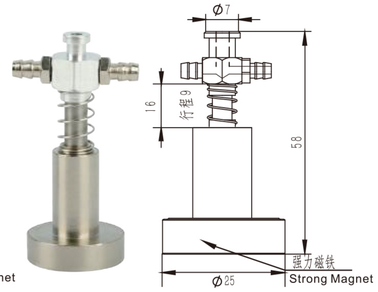
磁性金具系列 Magnetic hardware series



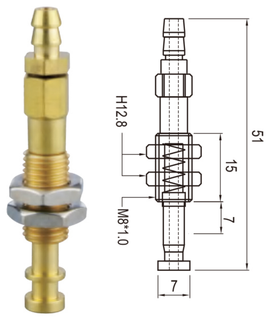
型号Model	DL3-YSJ48-7
货号 No.	606360



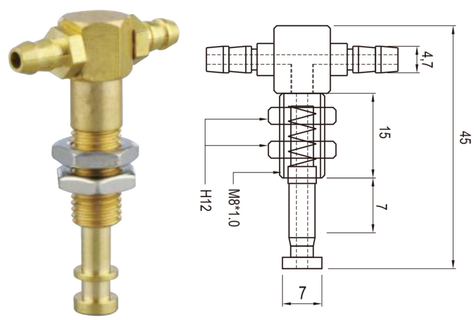
型号Model	DL3-YSJ58-7D
货号 No.	606361



型号Model	DL3-YSJ58-7
货号 No.	606362



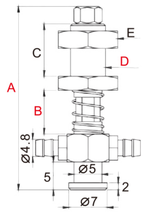
型号Model	DL2-TCJ51M8
货号 No.	607117



型号Model	DL2-YCK45M8
货号 No.	607118

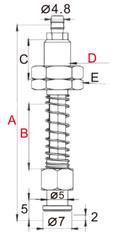
不旋转金具吸盘座 Non-rotating Fittings Sucker Holder



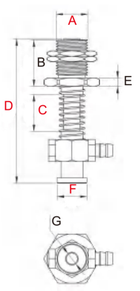


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
606330	DL3-YSK50M10-7	50	12	13	M10	H14
606331	DL3-YSK70M10-7	70	28	13	M10	H14
606334	DL3-YSK50M12-7	50	8	15	M12	H17
606335	DL3-YSK70M12-7	70	25	15	M12	H17



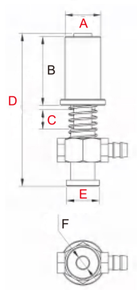


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
606332	DL3-TSK60M10-7	60	16	13	M10	H14
606333	DL3-TSK72M10-7	72	26	13	M10	H14
606336	DL3-TSK60M12-7	60	12	15	M12	H17
606337	DL3-TSK73M12-7	73	24	15	M12	H17



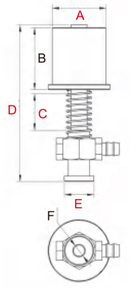


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
606370	VF48-1207-S	M12*1.0	19	8	48	4	ϕ7	3
606371	VF55-1207-S	M12*1.0	19	15	55	4	ϕ7	3
606372	VF62-1207-S	M12*1.0	19	22	62	4	ϕ7	3
606373	VF67-1207-S	M12*1.0	19	27	67	4	ϕ7	3
606374	VF77-1207-S	M12*1.0	19	39	77	4	ϕ7	3
606375	VF97-1207-S	M12*1.0	19	59	97	4	ϕ7	3





货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
606376	VF48-A1207-S	ϕ12	23	4	48	ϕ7	3
606377	VF55-A1207-S	ϕ12	23	11	55	ϕ7	3
606378	VF62-A1207-S	ϕ12	23	18	62	ϕ7	3
606379	VF67-A1207-S	ϕ12	23	23	67	ϕ7	3
606380	VF77-A1207-S	ϕ12	23	35	77	ϕ7	3
606381	VF97-A1207-S	ϕ12	23	56	97	ϕ7	3





货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
606382	VF48-A2007-S	ϕ20	23	4	48	ϕ7	3
606383	VF55-A2007-S	ϕ20	23	11	55	ϕ7	3
606384	VF62-A2007-S	ϕ20	23	18	62	ϕ7	3
606385	VF67-A2007-S	ϕ20	23	23	67	ϕ7	3
606386	VF77-A2007-S	ϕ20	23	35	77	ϕ7	3
606387	VF97-A2007-S	ϕ20	23	56	97	ϕ7	3

小头吸盘系列 Small Head Sucker Series

型号表示方法

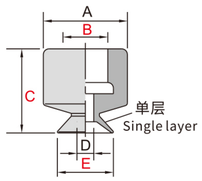
DL 04 U S - 05

- DL：鼎凌系列 Dingling series
- 04：吸盘盘径 Sucker diameter
- U：层数 Layers
- S：材质 Material
- 05：安装孔内径 Inner diameter of mounting hole

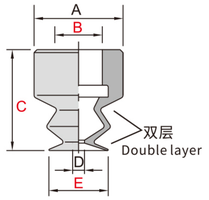
记号 Mark	材质 material
N	NBR
S	硅橡胶 Silicon
U	聚氨酯橡胶 Polyurethane rubber
F	FKM
GN	导电性NBR Conductivity Nbr
GS	导电性硅橡胶 Conductive silicone rubber

层数 number of plies	
U	一层
B	双层
J	三层

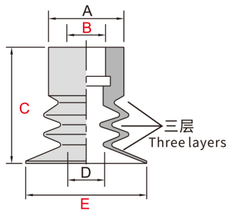
外形尺寸图



货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701061	DL02US-05L	11	5	13	1	2
701062	DL04US-05L	11	5	15	-	4
701063	DL04US-05	11	5	10	1.5	4
701064	DL06US-05	11	5	11	2	6
701065	DL08US-05	11	5	11	2.5	8
701066	DL10US-05	11	5	11	3	10
701067	DL12US-05	11	5	11	3	12
701068	DL15US-05	11	5	13	2.5	15
701069	DL20US-05	12	5	13	3	20
701070	DL25US-05	11	5	13	3	25
701071	DL30US-05	13	5	12	3	30

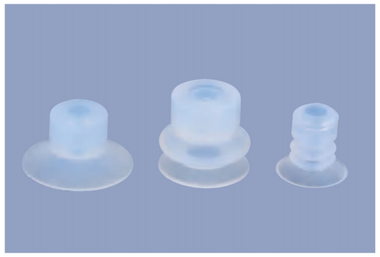


货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701072	DL04BS-05	12	5	15	1	4
701073	DL06BS-05	12	5	15	3	6
701074	DL08BS-05	12	5	15	3	8
701075	DL10BS-05	12	5	15	3	10
701076	DL12BS-05	12	5	15	4	12
701077	DL15BS-05	15	5	18	7	15
701078	DL20BS-05	15	5	18	8	20
701079	DL25BS-05	15	5	17.5	10.5	25
701080	DL30BS-05	15	5	17.5	15.5	30



货号 No.	规格型号 Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
701081	DL06JS-05	10	5	15	1	6
701082	DL08JS-05	10	5	15	3	8
701083	DL10JS-05	10	5	15	3	10
701084	DL12JS-05	10	5	15	3	12
701085	DL15JS-05	12	5	16	3	15

运用实例 / Application example





迷你吸盘 Mini Sucker

型号表示方法 Model Denotation Method

吸盘单体
Monomer Sucker

DLZP2- 03 U N

- 03：吸盘直径 Sucker diameter；吸盘形状-吸盘直径 Sucker shape Sucker diameter
- N：吸盘材质 Sucker material

记号 Mark	材质 material
N	NBR
S	硅橡胶 Silicon
U	聚氨酯橡胶 Polyurethane rubber
F	FKM
GN	导电性NBR Conductivity Nbr
GS	导电性硅橡胶 Conductive silicone rubber

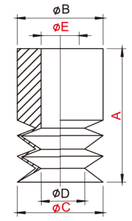
记号形状 Marker shape	
U	平型 Flat type
C	带肋品型 Ribbed flat type
UT	薄型 Thin type
B	风琴型 Organ type

外形尺寸图 / 吸盘单体
Outline Dimension/Monomer Sucker



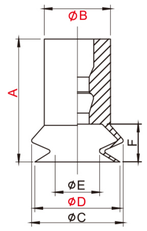






货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	配套支架
702111	DLBT-5S	14	Ø7	Ø5	Ø2	Ø3.5	DL2-TCJ42M8
702112	DLBT-5N						DL2-TCJ50M8
702113	DLBT-5G						DL2-TCJ60M8
702114	DLBT-7S	14	Ø7	Ø7	Ø3	Ø3.8	DL2-TCJ75M8
702115	DLBT-7N						DL2-TCJ90M8
702116	DLBT-7G						DL2-TCK47M8
702117	DLBT-9S	14	Ø9	Ø9	Ø5	Ø3.8	DL2-TCK60M8
702118	DLBT-9N						DL2-TCK75M8
							DL2-TCK90M8





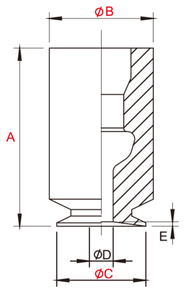
货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	配套支架
702125	DLZP-B07BS	13	Ø7	Ø9	Ø7	Ø3.3	4	DL2-TCJ42M8
702126	DLZP-B07BN							DL2-TCJ50M8
702127	DLZP-B09BS	13	Ø7	Ø10	Ø9	Ø4.7	4	DL2-TCJ60M8
702128	DLZP-B09BN							DL2-TCJ75M8
702129	DLZP-B11BS	16	Ø9.5	Ø12	Ø11	Ø4.5	5	DL2-TCJ90M8
702130	DLZP-B11BN							DL2-TCK47M8
702131	DLZP-B11BR							DL2-TCK60M8
								DL2-TCK75M8
								DL2-TCK90M8

真空组件

单层迷你吸盘 Single layer Mini Sucker

白色硅胶，黑色丁青橡胶及黑色防静电可选
White silica gel, black butadiene-green rubber and black anti-static optional



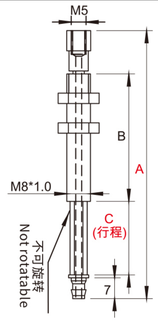




货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	配套支架
702151	DLZPL-02S	20	Ø7	Ø2	Ø0.5	Ø0.5	DL2-TCJ42M8 DL2-TCJ50M8 DL2-TCJ60M8 DL2-TCJ75M8 DL2-TCJ90M8 DL2-TCK47M8 DL2-TCK60M8 DL2-TCK75M8 DL2-TCK90M8
702152	DLZPL-02N						
702153	DLZPL-04S	20	Ø7	Ø4	Ø0.5	Ø0.7	
702154	DLZPL-04N						
702155	DLZP-02US	12	Ø7	Ø2	Ø0.5	Ø0.5	
702156	DLZP-02UN						
702157	DLZP-03US	12	Ø7	Ø3	Ø1	Ø0.5	
702158	DLZP-03UN						
702159	DLZP-04US	12	Ø7	Ø4	Ø1.5	Ø1.2	
702160	DLZP-04UN						
702161	DLZP-06US	12	Ø7	Ø6	Ø1	Ø1.5	
702162	DLZP-06UN						
702163	DLZP-07US	12	Ø7	Ø7	Ø2.5	Ø1	
702164	DLZP-07UN						
702165	DLZP-08US	12	Ø7	Ø8	Ø1.8	Ø1.5	
702166	DLZP-08UN						
702167	DLZP-09US	12	Ø7	Ø9	Ø2.5	Ø2.5	
702168	DLZP-09UN						
702169	DLZP-10US	12	Ø7	Ø10	Ø3	Ø2	
702170	DLZP-10UN						
702171	DLZP-14US	12	Ø7	Ø14	Ø2.5	Ø2.5	
702172	DLZP-14UN						
702173	DLZP-18US	12	Ø7	Ø18	Ø3.3	Ø3.5	
702174	DLZP-18UN						

不可旋转迷你金具 Non-rotatable Mini Fittings

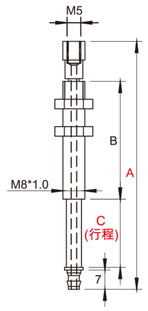




货号(No.)	型号(Model)	A(mm)	B(mm)	行程C(mm)
607009	DL2-TCK42M8	42	15	6
607010	DL2-TCK47M8	47	16	9
607111	DL2-TCK60M8	60	30	9
607012	DL2-TCK75M8	75	43	10
907008	DL2-TCK80M8	80	43	15
607013	DL2-TCK90M8	90	43	25

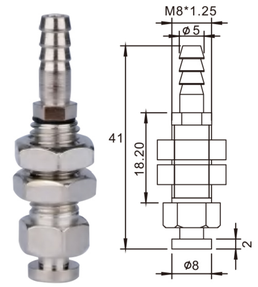
可旋转迷你金具 Rotatable Mini Fittings



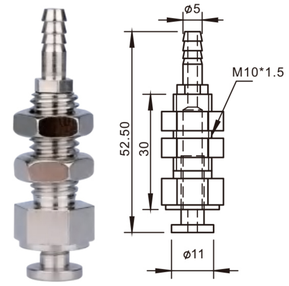


货号(No.)	型号(Model)	A(mm)	B(mm)	行程C(mm)
607001	DL2-TCJ47M6	47	20	5
607002	DL2-TCJ52M6	52	20	9
607014	DL2-TCJ42M8	42	15	5
607015	DL2-TCJ50M8	50	20	7
607016	DL2-TCJ60M8	60	25	13
607017	DL2-TCJ75M8	75	36	16
607003	DL2-TCJ80M8	80	43	15
607004	DL2-TCJ80M8-B	80	38	20
607018	DL2-TCJ90M8	90	43	25

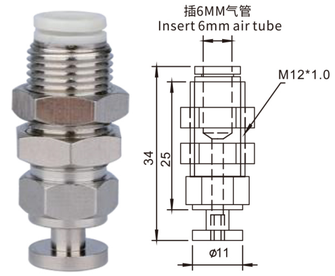
分体式金具 Split type fittings



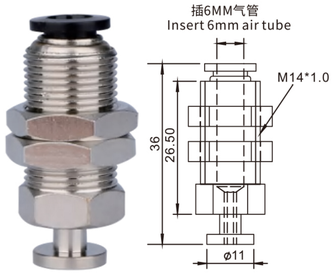
型号Model	DL1-T-QLK-M8-8A
货号 No.	607050



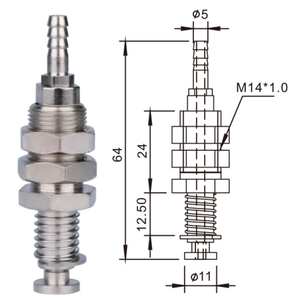
型号Model	DL1-T-QLK-M10-11
货号 No.	607051



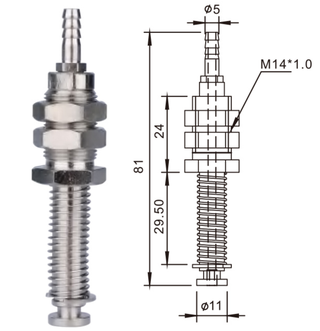
型号Model	DL1-QLK-M12-6
货号 No.	607052



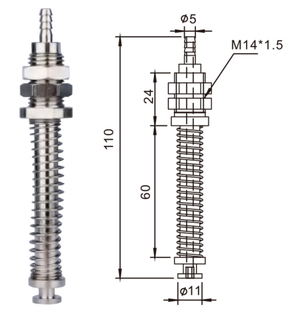
型号Model	DL1-QLK-M14-6
货号 No.	607053



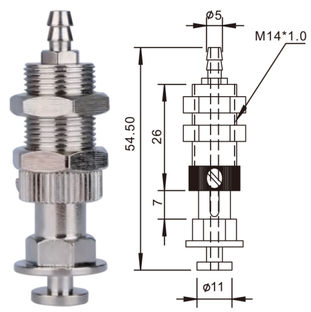
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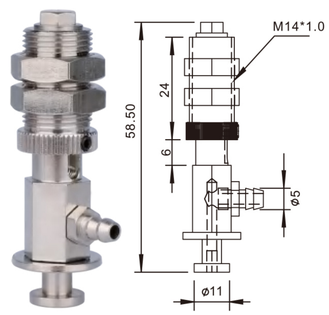
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货号 No.	607055



型号Model	DL3-T-QLK-M14-11G
货号 No.	607056

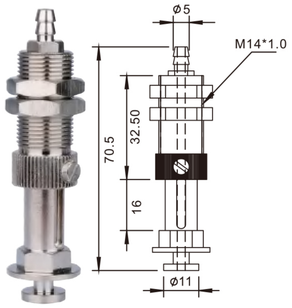


型号Model	DL2-T-QLK-M14-11
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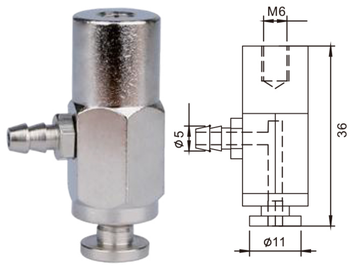


型号Model	DL2-Y-QLK-M14-11C
货号 No.	607058

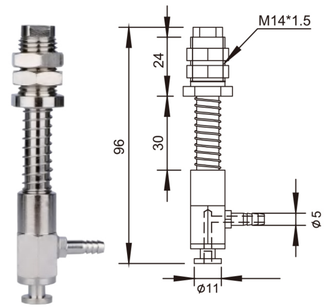
分体式金具 Split type fittings



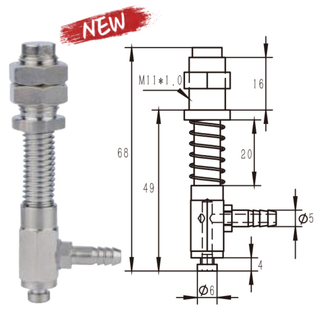
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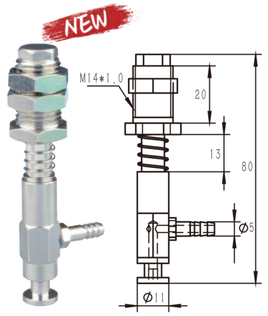
型号Model	DL1-QLK-M6T-M6
货号 No.	607060



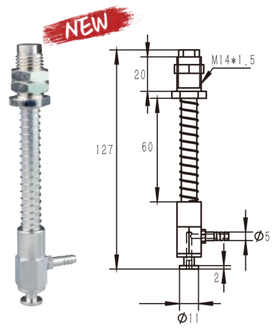
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型号Model	DL3-Y-QLK-M11-68
货号 No.	607062



型号Model	DL3-Y-QLK-M14-80
货号 No.	607063



型号Model	DL3-Y-QLK-M14-127
货号 No.	607064

PJG08-50系列吸盘 PJG08-50 series sucker



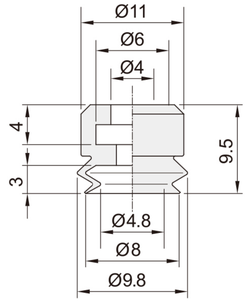
白色硅胶
White silicone



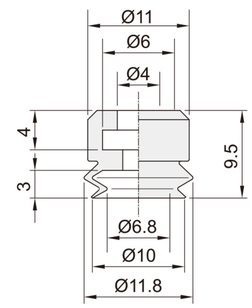
丁腈橡胶
Nitrile rubber

PJG08-50系列吸盘 PJG08-50 series sucker

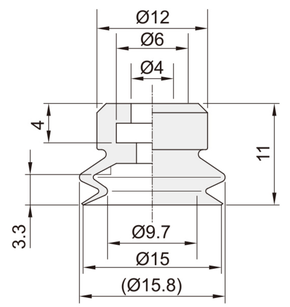
外形尺寸图



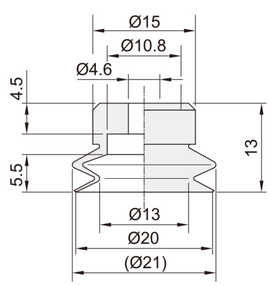
型号Model	DLPJG-08
货号 No.	703010



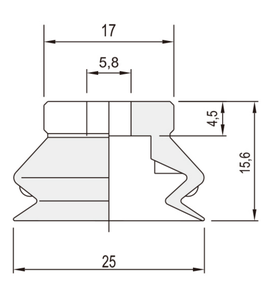
型号Model	DLPJG-10
货号 No.	703011



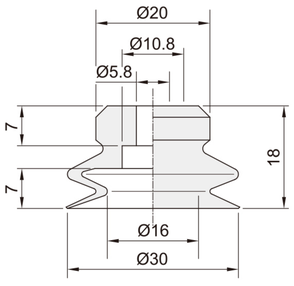
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货号 No.	703012



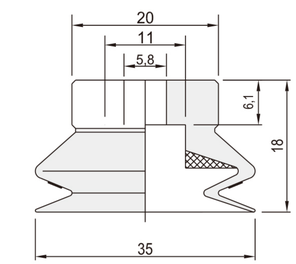
型号Model	DLPJG-20
货号 No.	703013



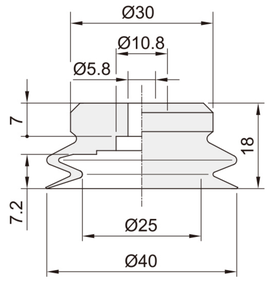
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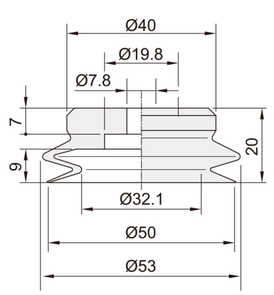
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型号Model	DLPJG-35
货号 No.	703016



型号Model	DLPJG-40
货号 No.	703017



型号Model	DLPJG-50
货号 No.	703018

真空组件

PA系列吸盘 PA series sucker



先将配套金具的底座螺丝旋钮下来
First, screw down the base screw knob of the matching hardware

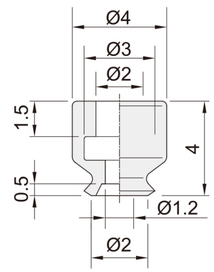


将吸盘对准底座螺丝安装孔,并插入
Align the sucker with the mounting hole of the base screw and insert it

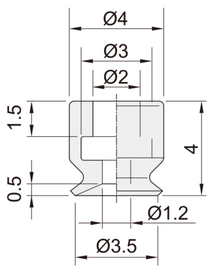


再将装好的吸盘的金具底座
Then put the metal base of the installed sucker
与金具重新旋钮组装
Reassemble with hardware Knob

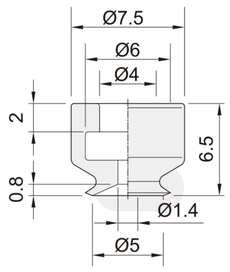
外形尺寸图



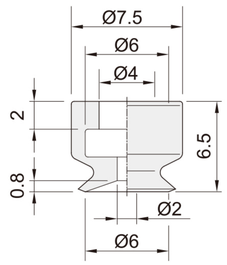
型号Model	DLPA-02
货号 No.	703051



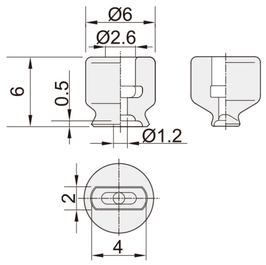
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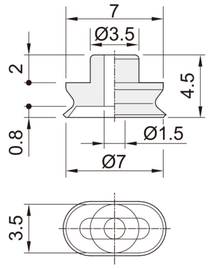
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型号Model	DLPA-06
货号 No.	703054



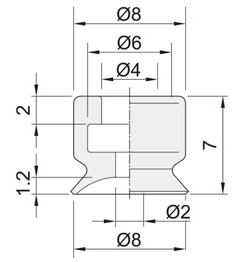
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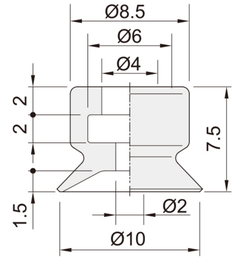
型号Model	DLPA-3.5x7
货号 No.	703056

PA系列吸盘 PA series sucker

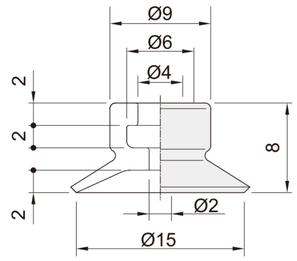
外形尺寸图



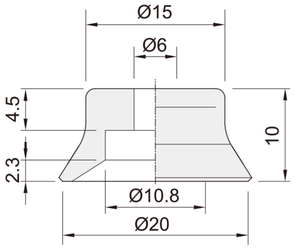
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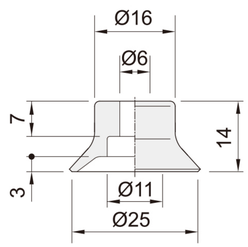
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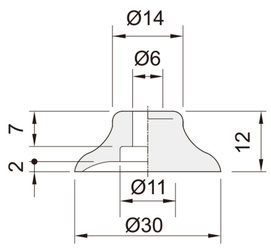
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货号 No.	703059



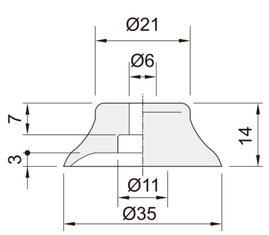
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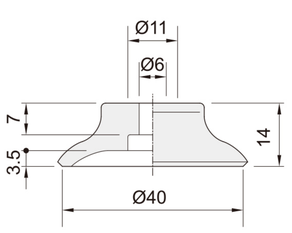
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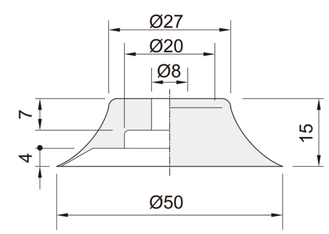
型号Model	DLPA-30
货号 No.	703062



型号Model	DLPA-35
货号 No.	703063

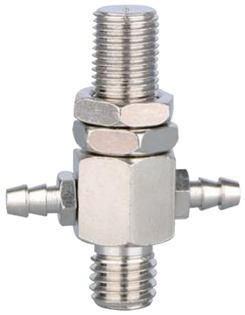


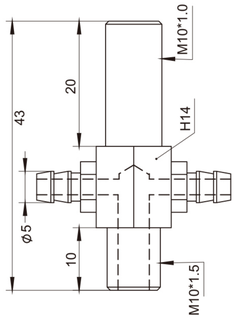
型号Model	DLPA-40
货号 No.	703064



型号Model	DLPA-50
货号 No.	703065

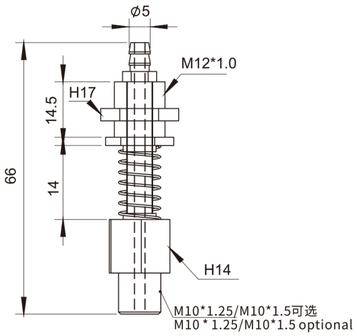
重型金具 Heavy Duty Fittings





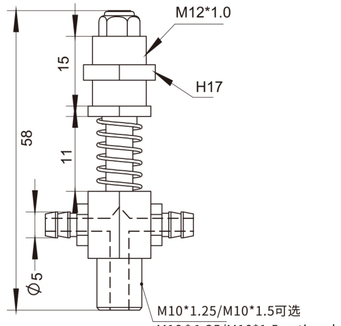
型号 Model	DL1-YSJ43M10-PFA
货号 No.	608120





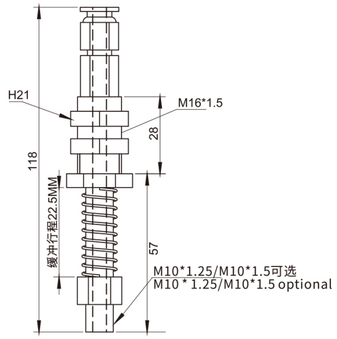
型号 Model	DL3-TSJ66M12-PFC
货号 No.	608121





型号 Model	DL3-YSJ58M12-PFB
货号 No.	608122



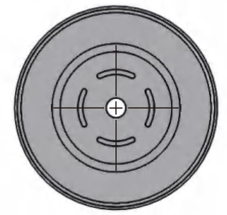


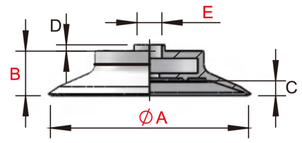
型号 Model	DL3-YSJ118M16-PFD
货号 No.	608123



PA60-95吸盘系列 PA60-95 Sucker Series



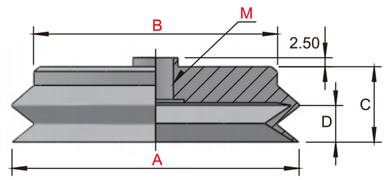




货号（No.）	型号（Model）	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	配套支架
704151	DLPA-60-S-M10*1.5	60	16	5	2.5	M10*1.5	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704152	DLPA-60-N-M10*1.5					M10*1.5	
704153	DLPA-60-B-M10*1.5					M10*1.5	
704154	DLPA-60-S-M10*1.25					M10*1.25	DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704155	DLPA-60-N-M10*1.25					M10*1.25	
704156	DLPA-60-B-M10*1.25					M10*1.25	
704157	DLPA-80-S-M10*1.5	80	18	6	2.5	M10*1.5	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704158	DLPA-80-N-M10*1.5					M10*1.5	
704159	DLPA-80-B-M10*1.5					M10*1.5	
704160	DLPA-80-S-M10*1.25					M10*1.25	DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704161	DLPA-80-N-M10*1.25					M10*1.25	
704162	DLPA-80-B-M10*1.25					M10*1.25	
704163	DLPA-87-S-M10*1.5	87	25	11.5	/	M10*1.5	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704164	DLPA-87-N-M10*1.5					M10*1.5	
704165	DLPA-87-B-M10*1.5					M10*1.5	
704166	DLPA-87-S-M10*1.25					M10*1.25	DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704167	DLPA-87-N-M10*1.25					M10*1.25	
704168	DLPA-87-B-M10*1.25					M10*1.25	
704169	DLPA-95-S-M10*1.5	95	20	7	2	M10*1.5	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704170	DLPA-95-N-M10*1.5					M10*1.5	
704171	DLPA-95-S-M10*1.25					M10*1.25	DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704172	DLPA-95-N-M10*1.25					M10*1.25	

PJG60-80吸盘系列 PJG60-80 Sucker Series





货号（No.）	型号（Model）	A(mm)	B(mm)	C(mm)	D(mm)	M(mm)	配套支架
704180	DLPJG-60-S	60	45	20	10	M10x1.25	DL1-YSJ43M10-PFA DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704181	DLPJG-60-N						
704182	DLPJG-80-S	80	68	21	11	M10x1.25	DL1-YSJ43M10-PFA DL3-YSJ58M12-PFB(1.25) DL3-TSJ66M12-PFC(1.25) DL3-YSJ118M16-PFD(1.25)
704183	DLPJG-80-N						

S表示：白色硅胶 N表示：黑色丁晴橡胶

高负载重型吸盘 High-load Heavy Duty Sucker

■吸盘强度提高，可用于重的以及大型的工件搬运，并可防止吸盘的变形。
With increased strength for handling heavy and large workpieces and preventing sucker from deformation.

记号形状：H高负载型（带肋平型）
HB高负载型（带肋薄型）
Mark shape: H high load type (ribbed flat type)
HB high load type (ribbed thin type)

型号表示方法

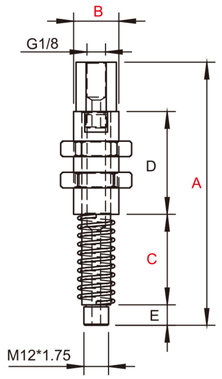
吸盘单体 DLZP40HB -S- M10*1.25
- 吸盘直径
- 吸盘形状
- 安装牙
- 缓冲行程

记号	吸盘直径
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100
125	ø125

记号	形状
H	高负载型（带肋平型）
HB	高负载型（风琴型）

记号	材质
N	NBR
S	硅橡胶
U	聚氨酯橡胶
F	FKM
E	EPR

T系列重型金具 T Series Heavy Duty Fittings

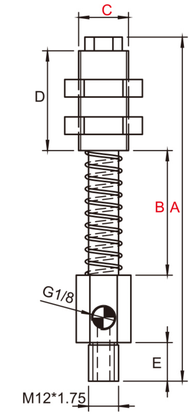






货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
608132	DLT25-M18	108.5	M18*1.5	41	33.5	9.5
608133	DLT25-M20	115.5	M20*1.5	43	40	12
608134	DLT25-M22	128	M22*1.5	44	50	10

重型金具 Heavy Duty Fittings



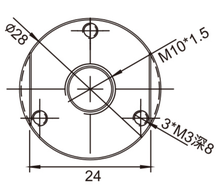




货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
608135	DLY25-M18	142	35	M18*1.5	35	17
608136	DLY35-M20	138	50	M20*1.5	40	15.5
608137	DLY25-M22	161	40	M22*1.5	50	13

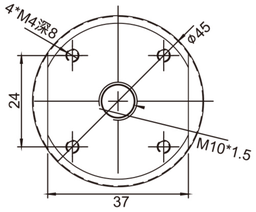
吸盘连接块 Sucker Connection Block





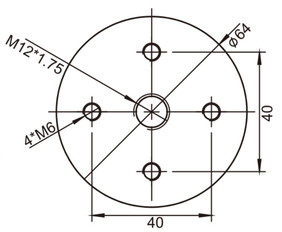
型号Model	LK-A28
货号 No.	608140





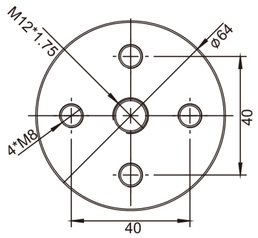
型号Model	LK-B45
货号 No.	608141





型号Model	LK-D64-M6
货号 No.	608142

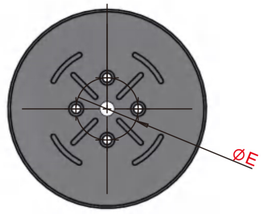


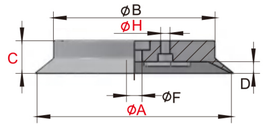


型号Model	LK-E64-M8
货号 No.	608143

H系列真空吸盘 H Series Vacuum Cups



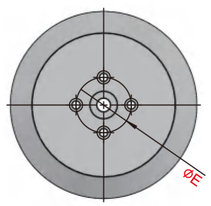


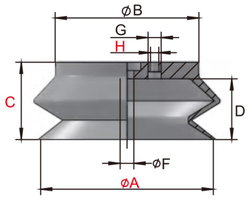


货号 (No.)	型号 (Model)	ØA (mm)	ØB (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	配套铝块	配套支架
704200	DLZP40HS	40	32	11.5	3	ø18	ø6	3xø4	LK-A28	DL1-YSJ43M10-PFA(1.5牙) DL3-YSJ58M12-PFB(1.5牙) DL3-TSJ66M12-PFC(1.5牙) DL3-YSJ118M16-PFD(1.5牙)
704201	DLZP40HN									
704202	DLZP50HS	50	42	11.5	3	ø18	ø6	3xø4	LK-A28	DL1-YSJ43M10-PFA(1.5牙) DL3-YSJ58M12-PFB(1.5牙) DL3-TSJ66M12-PFC(1.5牙) DL3-YSJ118M16-PFD(1.5牙)
704203	DLZP50HN									
704204	DLZP63HS	63	50	14.5	3.5	ø34	ø8	4xø5	LK-B45	DL1-YSJ43M10-PFA(1.5牙) DL3-YSJ58M12-PFB(1.5牙) DL3-TSJ66M12-PFC(1.5牙) DL3-YSJ118M16-PFD(1.5牙)
704205	DLZP63HN									
704206	DLZP80HS	80	61	16.5	4.5	ø34	ø8	4xø5	LK-B45	DL1-YSJ43M10-PFA(1.5牙) DL3-YSJ58M12-PFB(1.5牙) DL3-TSJ66M12-PFC(1.5牙) DL3-YSJ118M16-PFD(1.5牙)
704207	DLZP80HN									
704208	DLZP100HS	100	80	21	7.5	ø40	ø10	4xø6	LK-D64-M6	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704209	DLZP100HN									
704210	DLZP125HS	125	104	21	7.5	ø40	ø10	4xø6	LK-D64-M6	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704211	DLZP125HN									

HB系列真空吸盘 HB Series Vacuum Cups



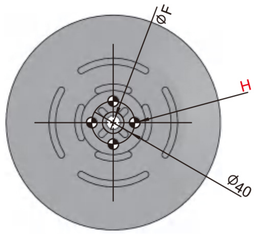


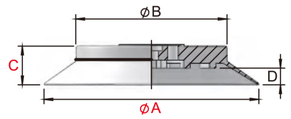


货号 (No.)	型号 (Model)	ØA (mm)	ØB (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	K (mm)	配套铝块	配套支架
704220	DLZP40HBS	40	30	20.5	13	ø18	ø6	3x ø4	ø28.5	LK-A28	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704221	DLZP40HBN										
704222	DLZP50HBS	50	40.5	24	16.5	ø18	ø6	3x ø4	ø36	LK-A28	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704223	DLZP50HBN										
704224	DLZP63HBS	63	50	31.5	21.5	ø34	ø8	4x ø5	ø46.5	LK-B45	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5)
704225	DLZP63HBN										
704226	DLZP80HBS	80	64	37	27.5	ø34	ø8	4x ø5	ø58.5	LK-B45	DL1-YSJ43M10-PFA(1.5) DL3-YSJ58M12-PFB(1.5) DL3-TSJ66M12-PFC(1.5) DL3-YSJ118M16-PFD(1.5牙)
704227	DLZP80HBN										
704228	DLZP100HBS	100	80	47.5	35.5	ø40	ø10	4x ø6	ø69.5	LK-D64-M6	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704229	DLZP100HBN										
704230	DLZP125HBS	125	104	56	44	ø40	ø10	4x ø6	ø89	LK-D64-M6	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704231	DLZP125HBN										

PA系列真空吸盘 PA Series Vacuum Cups





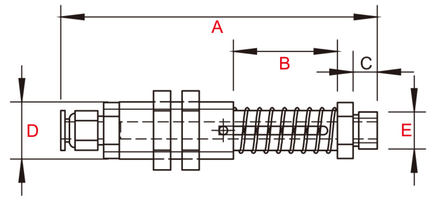


货号 (No.)	型号 (Model)	ØA (mm)	ØB (mm)	C (mm)	D (mm)	F (mm)	H (mm)	配套铝块	配套支架
704240	DLPA-100-S	100	79	24.5	13	ø12	4x ø6.5	LK-D64-M6	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704241	DLPA-100-N								
704242	DLPA-120-S	120	90	24	5	ø14	4x ø10	LK-D64-M8	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704243	DLPA-120-N								
704244	DLPA-150-S	150	105	31	9	ø13	4x ø10	LK-D64-M8	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704245	DLPA-150-N								
704246	DLPA-200-S	200	140	36	13	ø13	4x ø10	LK-D64-M8	DLT25-M18 DLT25-M20 DLT25-M22 DLY25-M18 DLY35-M20 DLY25-M22
704247	DLPA-200-N								

重型金具 Heavy Duty Fittings





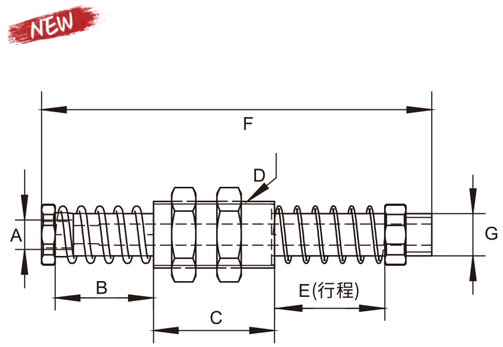


货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	备注	适配吸盘
608160	FSTE-AG25-G1/4-IG	111	36.5	8.5	M20*1.5	G1/4	不旋转 (No rotation)	DLSAF-30/DLSAF-40 DLSAB-22/DLSAB-30/DLSAB-40
608161	FSTE-AG50-G1/4-IG	138.5	64.5	8.5	M20*1.5	G1/4	不旋转 (No rotation)	DLSAF-30/DLSAF-40 DLSAB-22/DLSAB-30/DLSAB-40
608162	FSTE-AG35-G3/8-IG	125	44.5	12	M18*1.0	G3/8	可旋转 (Rotatable)	DLSAF-50/60/80/100/125 DLSAB-50/60/80/100/125

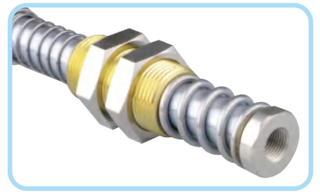
以上各种型号可适配多款转接头
The above models can be adapted to a variety of adapters

重型金具 Heavy Duty Fittings







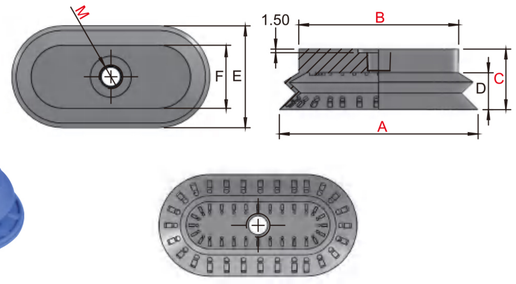


货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E行程(mm)	F(mm)	G(mm)
608172	FSTE-AG30-30-G1/4-IG	1/8	30	40	M20*1.5	30	129	1/4
608173	FSTE-AG50-30-G1/4-IG	1/8	30	40	M20*1.5	50	154	1/4

DLOB系列 DLOB Series

功能:防滑、防油、防水(多用于汽车钣金,玻璃吸附)
Function: non-slip, oil-proof, waterproof (mostly used for car sheet metal, glass adsorption)



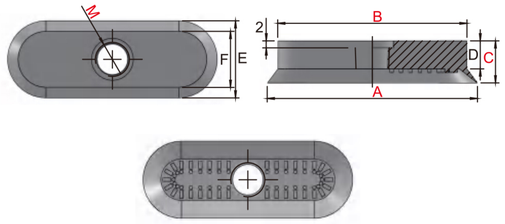


货号 (No.)	型号 (Model)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	M (mm)	配套金具	
704250	DLOB30-60	60	60	20	8	30	30	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704251	DLOB40-80	80	66	24	16	40	26	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704252	DLOB55-110	110	96	24	7	55	40	G1/4	FSTE-AG25-G1/4	VS19+FSTE-AG35-G3/8
704253	DLOB70-140	140	112	29	3	70	40	G1/4	FSTE-AG25-G1/4	VS19+FSTE-AG35-G3/8

DLOU系列 DLOU Series

功能:防滑、防油、防水(多用于汽车钣金,玻璃吸附)
Function: non-slip, oil-proof, waterproof (mostly used for car sheet metal, glass adsorption)





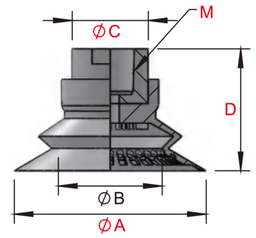
货号 (No.)	型号 (Model)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	M	配套金具	
704255	DLOU16-50	50	45	20	13	16	15	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704256	DLOU23-60	60	54	12	8	23	16	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704257	DLOU30-90	90	86	12	8	30	25	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704258	DLOU40-80	80	67	14	5	40	24.5	G1/8	VS18+FSTE-AG35-G3/8	VS17+FSTE-AG25-G1/4
704259	DLOU50-100	100	89	16	6	50	36	G1/4	FSTE-AG25-G1/4	VS19+FSTE-AG35-G3/8
704260	DLOU60-120	120	101	18	4	60	36.5	G1/4	FSTE-AG25-G1/4	VS19+FSTE-AG35-G3/8
704261	DLOU70-140	140	106	16.5	3	70	32.5	G1/4	FSTE-AG25-G1/4	VS19+FSTE-AG35-G3/8

DLSAB吸盘系列 DLSAB Sucker Series

功能:防滑、防油、防水(多用于汽车钣金,玻璃吸附)
Function: non-slip, oil-proof, waterproof (mostly used for car sheet metal, glass adsorption)







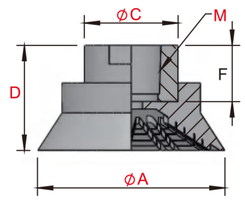
货号 (No.)	型号 (Model)	ØA (mm)	ØB (mm)	ØC (mm)	D (mm)	G (mm)	M (mm)	配套金具	
704270	DLSAB-22-NBR-G1/4	22	14.5	20	26	17	G1/4	FSTE-AG25-G1/4	FSTE-AG50-G1/4
704271	DLSAB-30-NBR-G1/4	30	19.5	20	28	17	G1/4	FSTE-AG25-G1/4	FSTE-AG50-G1/4
704272	DLSAB-40-NBR-G1/4	40	20	20	28	17	G1/4	FSTE-AG25-G1/4	FSTE-AG50-G1/4
704273	DLSAB-50-NBR-G3/8	50	24.5	25	36	22	G3/8	FSTE-AG35-G3/8	
704274	DLSAB-60-NBR-G3/8	60	29.5	25	36	22	G3/8	FSTE-AG35-G3/8	
704275	DLSAB-80-NBR-G3/8	80	38.5	25	49	22	G3/8	FSTE-AG35-G3/8	
704276	DLSAB-100-NBR-G3/8	100	46.5	25	55	22	G3/8	FSTE-AG35-G3/8	
704277	DLSAB-125-NBR-G3/8	125	58.5	25	63	22	G3/8	FSTE-AG35-G3/8	

DLSAF吸盘系列 DLSAF Sucker Series

功能:防滑、防油、防水(多用于汽车钣金,玻璃吸附)
Function: non-slip, oil-proof, waterproof (mostly used for car sheet metal, glass adsorption)







货号 (No.)	型号 (Model)	ØA (mm)	ØC (mm)	D (mm)	G (mm)	M (mm)	配套金具	
704280	DLSAF-30-NBR-G1/4	30	20	20	17	G1/4	FSTE-AG25-G1/4	FSTE-AG50-G1/4
704281	DLSAF-40-NBR-G1/4	40	20	22	17	G1/4	FSTE-AG25-G1/4	FSTE-AG50-G1/4
704282	DLSAF-50-NBR-G3/8	50	25	28	22	G3/8	FSTE-AG35-G3/8	
704283	DLSAF-60-NBR-G3/8	60	25	31	22	G3/8	FSTE-AG35-G3/8	
704284	DLSAF-80-NBR-G3/8	80	25	35	22	G3/8	FSTE-AG35-G3/8	
704285	DLSAF-100-NBR-G3/8	100	25	35	22	G3/8	FSTE-AG35-G3/8	
704286	DLSAF-125-NBR-G3/8	125	25	44	22	G3/8	FSTE-AG35-G3/8	

开袋、包装袋搬运专用吸盘 Bag opening sucker

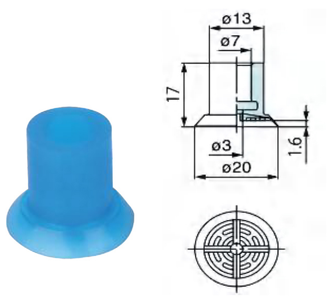


特点： Features

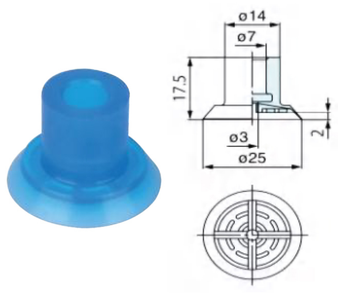
- 减少泄露，由于裙边部很软，即使是很薄的薄膜密封性能也很好
  Reduce leakage, because the skirt is very soft, even very thin film sealing performance is very good

- 在吸附薄型工件（薄膜乙烯塑料等）时会有褶皱，吸盘中央部分有支撑肋的结构，可防止褶皱
  There will be wrinkles when absorbing thin workpieces (film ethylene plastic, etc.), and the central part of the suction cup has the structure of supporting ribs to prevent wrinkles.

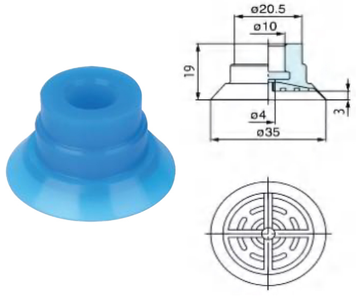




型号Model	DLKD20-S1
货号 No.	705011



型号Model	DLKD25-S1
货号 No.	705012

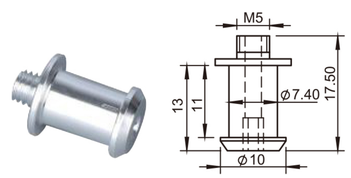


型号Model	DLKD35-S1
货号 No.	705013

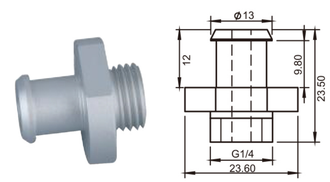
包装、开袋真空吸盘运用实例 Application example



型号Model	DLKD50-S1
货号 No.	705014



型号Model	VSM5
货号 No.	705015



型号Model	VSG14
货号 No.	705016



型号Model	DLKD20-S1VSM5
货号 No.	705017



型号Model	DLKD25-S1VSM5
货号 No.	705018



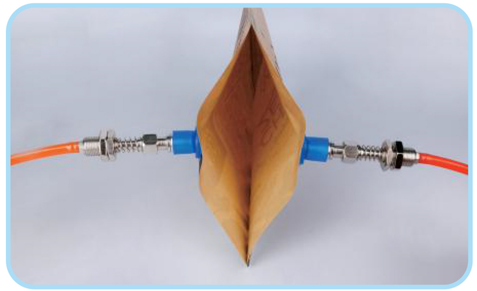
型号Model	DLKD35-S1VSG14
货号 No.	705019

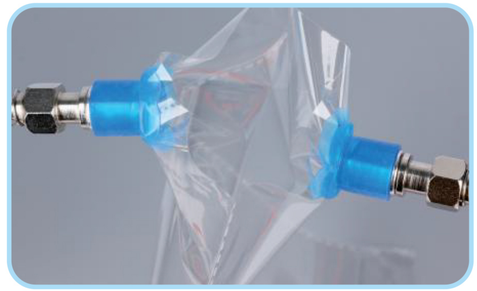


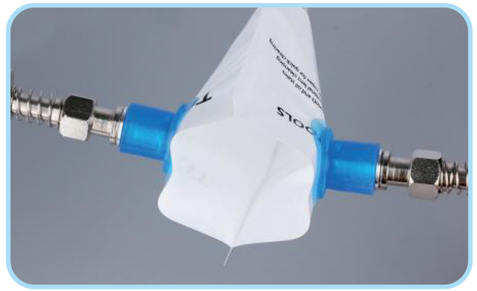
型号Model	DLKD50-S1VSG14
货号 No.	705020

运用实例 / Application example









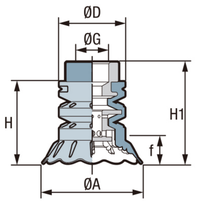
食品包装专用吸盘 Dedicated Food Packaging Sucker

	Dim. (mm)	(cm³)	(N) (1)	Shore Hardness	(g)	ØA (mm)	ØD (mm)	L (mm)	l (mm)	f (2) (mm)	H (mm)	H1 (mm)	ØG (mm)	E (mm)
FPC351.5SIBL3IF14PC	Ø 35	7.2	5	35	9.9	Ø 35	23	/	/	10	29	36	G1/4"-F	19
FPC351.5SIBL5IF14PC	Ø 35	7.2	5	50	9.9	Ø 35	23	/	/	10	29	36	G1/4"-F	19
FPC60SIBL3IF38PC	Ø 60	24.5	15	35	21.5	Ø 60	40	/	/	10	26	33	G3/8"-F	26
FPC60SIBL5IF38PC	Ø 60	24.5	15	50	21.5	Ø 60	40	/	/	10	26	33	G3/8"-F	26
FPC120100SIBL3IF38P1V	120x100	167	50	35	92.1	/	/	120	100	15	32.5	42.5	G3/8"-F	/
FPC120100SIBL5IF38P1V	120x100	167	50	50	92.1	/	/	120	100	15	32.5	42.5	G3/8"-F	/

(1) Force measured at 65% vacuum, without safety factor.
(2) f = deflection of the suction cup.

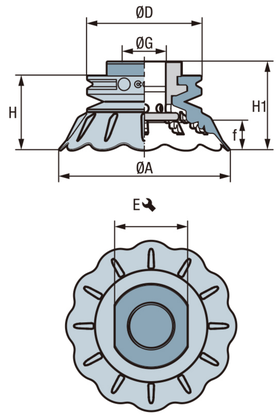
FPC351.5...IF14PC

Round, Ø 35 mm, 1.5 bellows



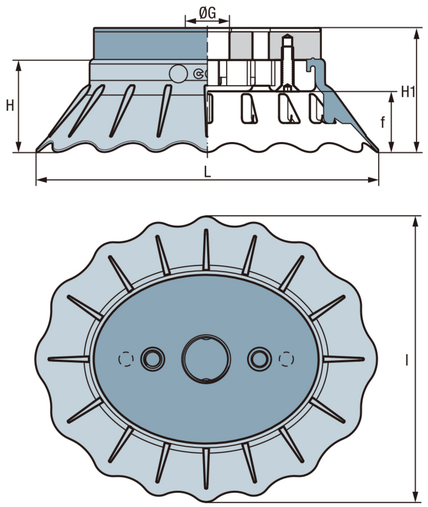
FPC60...IF38PC

Round, Ø 60 mm



FPC120100...IF38P1V

Elliptical, 120 x 100 mm



FPC120100

From above:
- 2 M6x16 screws(not included).



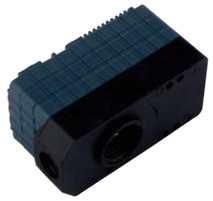
蓝色软袋吸盘
Blue soft bag sucker



白色软袋吸盘
White soft bag sucker



型号Model	VS25
货号 No.	609100

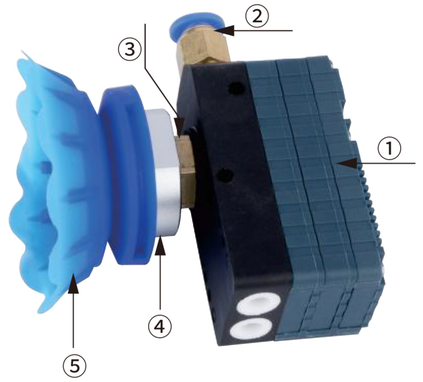


大流量多级真空发生器
Large flow multistage vacuum generator

型号Model	DL3-VTM30
货号 No.	609099

食品包装专用吸盘 Dedicated Food Packaging Sucker

装配及安装说明 Assembly and installation instructions



①发生器(内置消音大流量发生器)
Generator (built-in muffler large flow generator)

②快插接头(用于连接气管的接头)
Quick plug connector (used to connect the air pipe)

③ 转换头(3/8转3/8)
Conversion head (3/8 to 3/8)

④转接头(VS25转接头)
Adapter (VS25 adapter)

⑤软袋吸盘(FPC60食品吸盘)
Soft bag sucker (FPC60 food sucker)







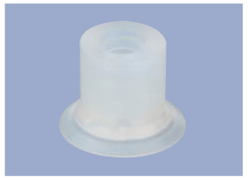
多级大流量真空发生器,适合吸取食品软外包装,吸取更稳定
Multi-stage large-flow vacuum generator, suitable for absorbing soft outer packaging of food, absorbing more stable

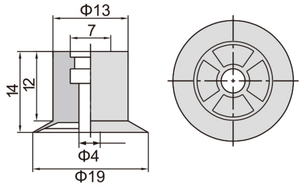
运用实例 / Application example



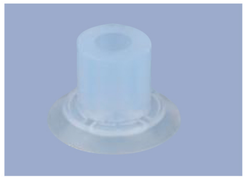


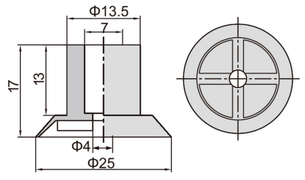
异形真空吸盘 Shaped Vacuum Sucker





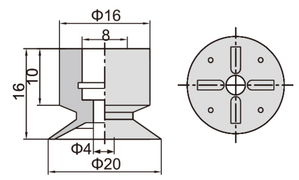
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货号 No.	705030





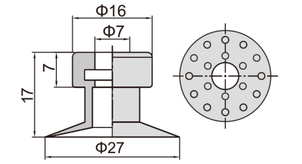
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货号 No.	705031



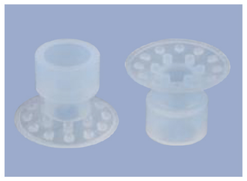


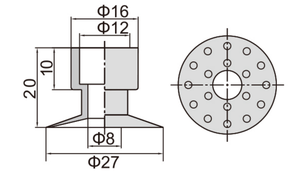
型号Model	DL20US-S8UM
货号 No.	705032





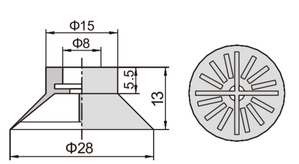
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货号 No.	705033



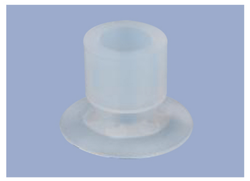


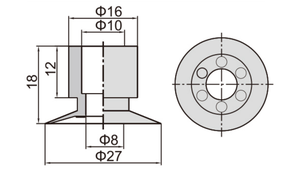
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货号 No.	705034





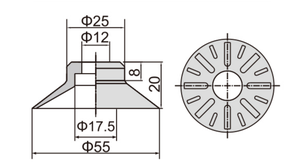
型号Model	DL28US-S8UM
货号 No.	705035





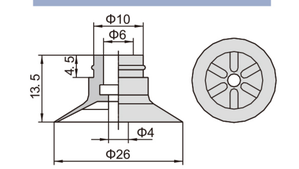
型号Model	DL27US-S10UM
货号 No.	705036





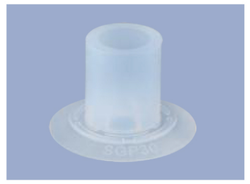
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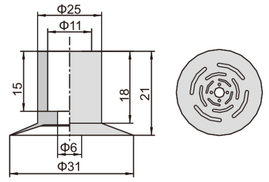




型号Model	DL26US-S6UD
货号 No.	705039

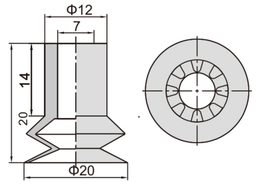
异形真空吸盘 Shaped Vacuum Sucker



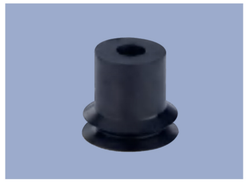


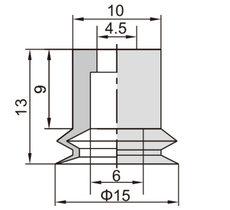
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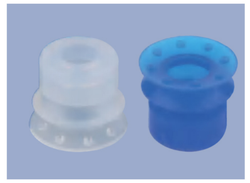


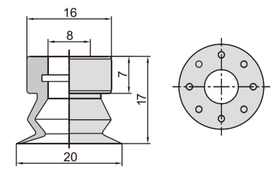
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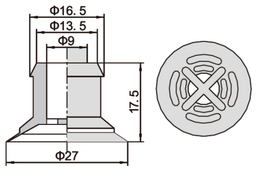
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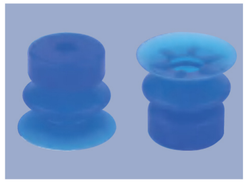


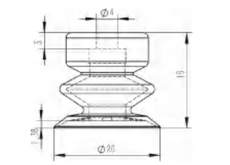
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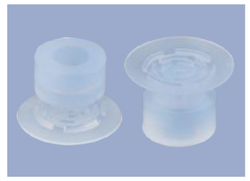


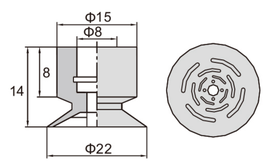
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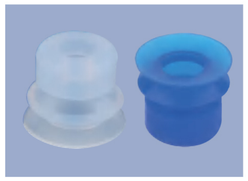


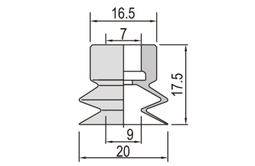
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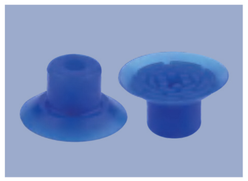


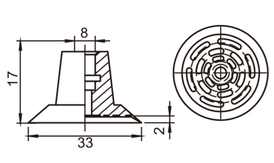
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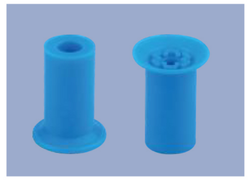
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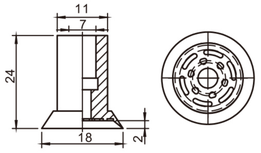




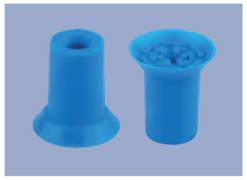
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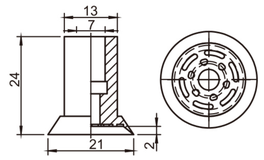
异形真空吸盘 Shaped Vacuum Sucker



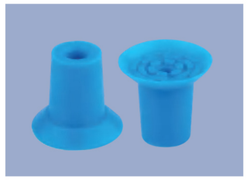


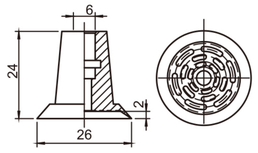
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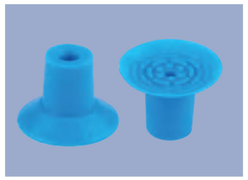


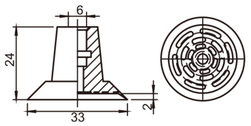
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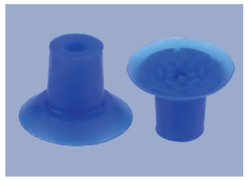


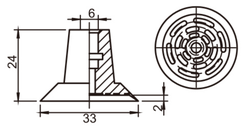
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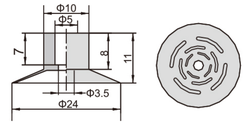
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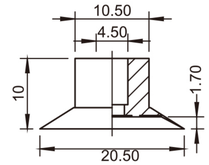
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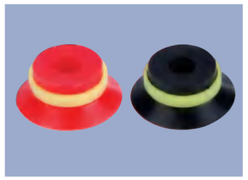


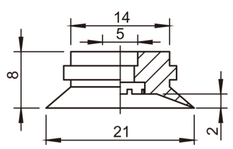
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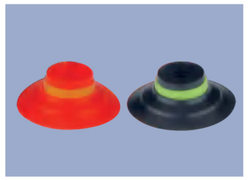


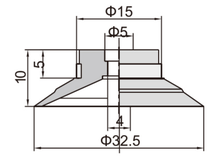
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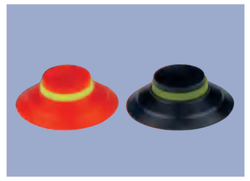
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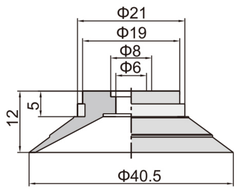




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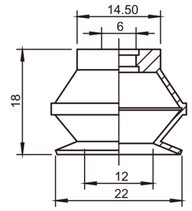
异形真空吸盘 Shaped Vacuum Sucker



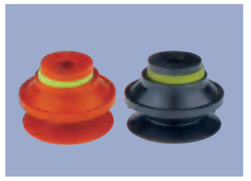


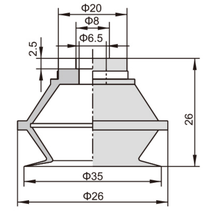
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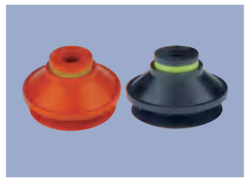


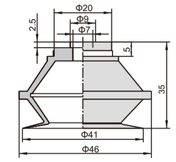
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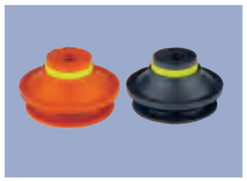


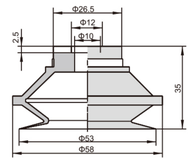
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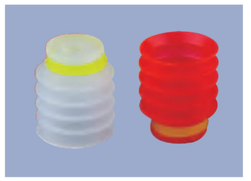


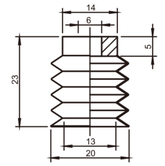
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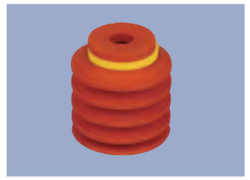


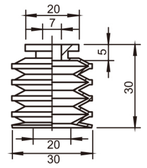
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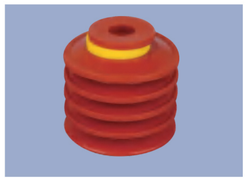


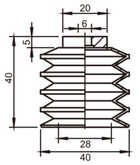
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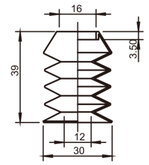
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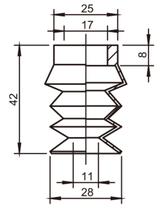




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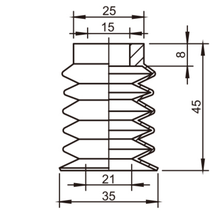
异形真空吸盘 Shaped Vacuum Sucker





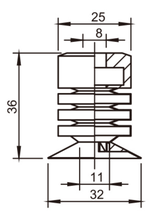
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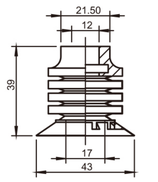
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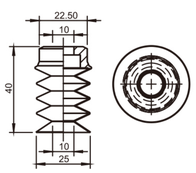
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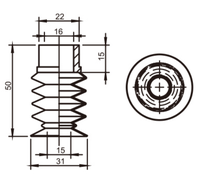
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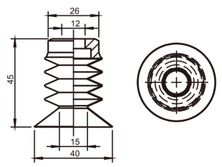
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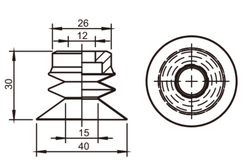
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货号 No.	705071





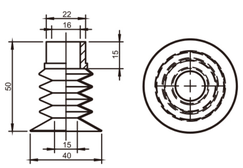
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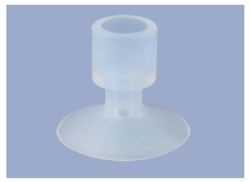
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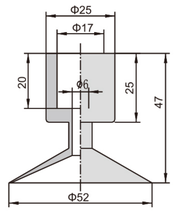




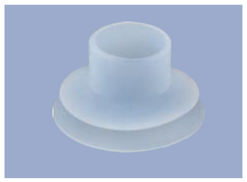
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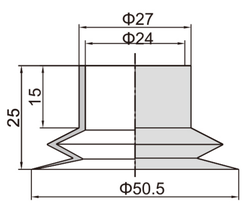
异形真空吸盘 Shaped Vacuum Sucker





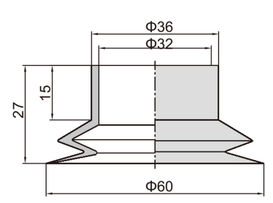
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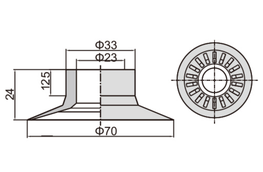
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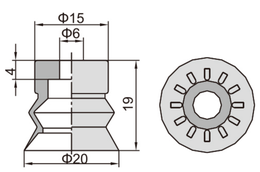
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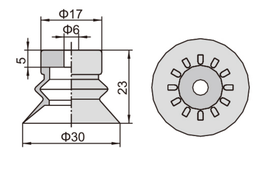
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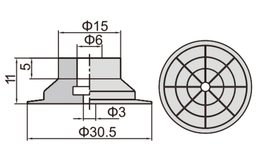
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货号 No.	705179





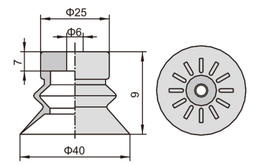
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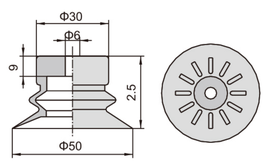
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型号Model	DLVP40
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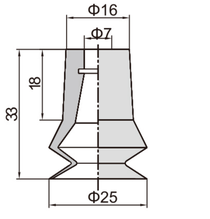


型号Model	DLVP50
货号 No.	705183

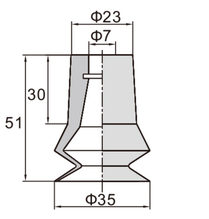
异形真空吸盘 Shaped Vacuum Sucker



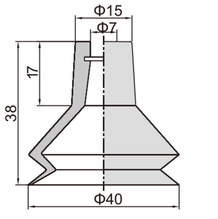


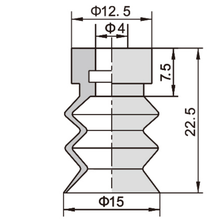
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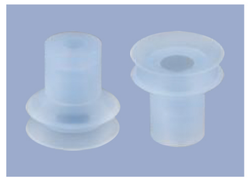
型号Model	DL35BS-S7
货号 No.	705097



型号Model	DL40BS-S7
货号 No.	705095



型号Model	DL15JS-S4
货号 No.	705096



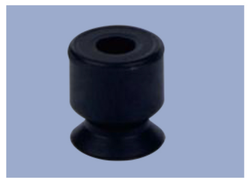
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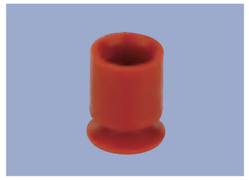
型号Model	DL15-35US
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型号Model	DL3.5US-S1.5
货号 No.	705161



型号Model	DL5.5US-S3
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型号Model	DL08US-S5J
货号 No.	705166



型号Model	DL09US-S2
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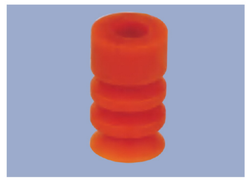


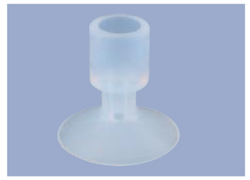
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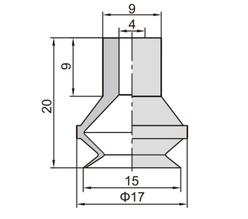


型号Model	DL13BS-S4B
货号 No.	705169

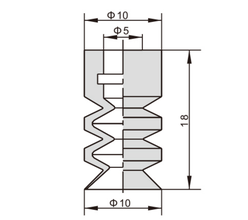
异形真空吸盘 Shaped Vacuum Sucker

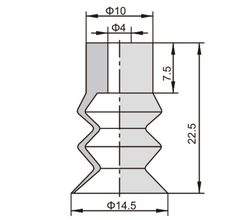




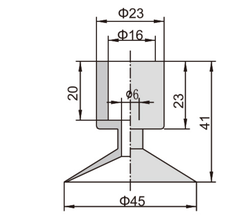
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型号Model	DL10JS-S5K
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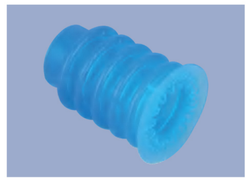
型号Model	DL14JS-S4N
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型号Model	DL45US-S16
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型号Model	DL32JB4-S5
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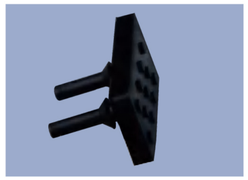
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型号Model	DL36JB6-S15
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型号Model	DL07JS-S5
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型号Model	DL13-27
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型号Model	DL42US-S8UM
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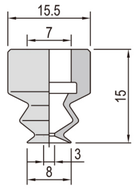


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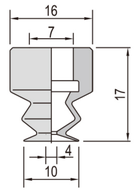


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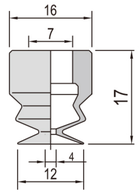
真空吸盘 Vacuum Sucker



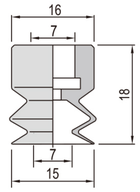
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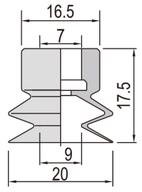
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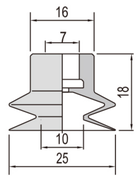
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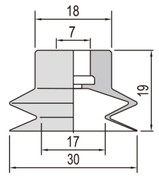
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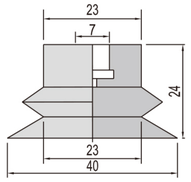
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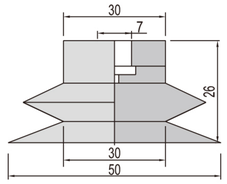
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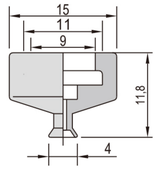
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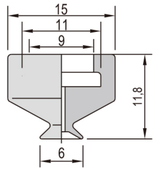
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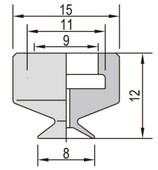
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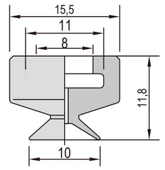
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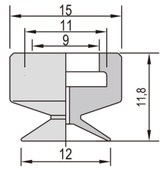
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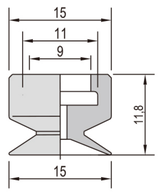
型号 Model	DL08US-09YX
货号 No.	701102



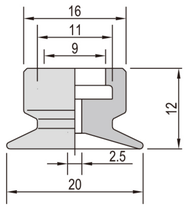
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货号 No.	701103



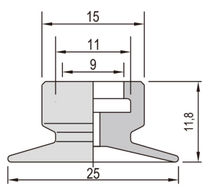
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货号 No.	701104



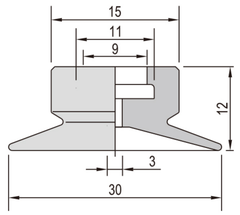
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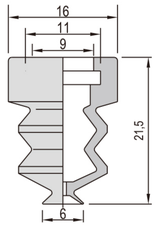
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型号 Model	DL25US-09YX
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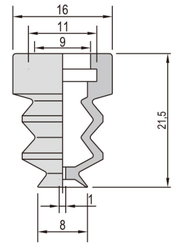


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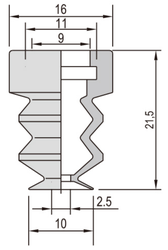


型号 Model	DL06JS-09YX
货号 No.	701109

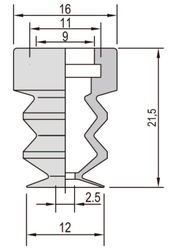
真空吸盘 Vacuum Sucker



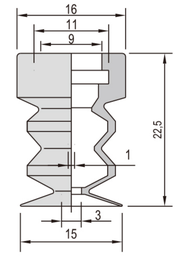
型号 Model	DL08JS-09YX
货号 No.	701110



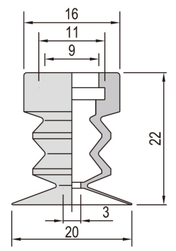
型号 Model	DL10JS-09YX
货号 No.	701111



型号 Model	DL12JS-09YX
货号 No.	701112



型号 Model	DL15JS-09YX
货号 No.	701113



型号 Model	DL20JS-09YX
货号 No.	701114

蛋类物体专用吸盘 Special suction cup for egg



特点： Features

- 鸡蛋吸盘采用环保优质硅胶材质
  Egg sucker is made of environmentally friendly and high-quality silica gel
- 耐高温、耐用，硅胶的化学性能稳定无污染
  High temperature resistance, durability, stable and pollution-free chemical properties of silica gel
- 也常被用于医药和食品行业
  It is also often used in the pharmaceutical and food industries.

适用于搬运鸡蛋、球形等圆体形状专用的真空吸盘
Suitable for carrying eggs, spherical and other circular shape special vacuum suction cup



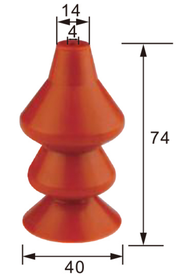




型号 Model	DL35JD6-S4
货号 No.	707001



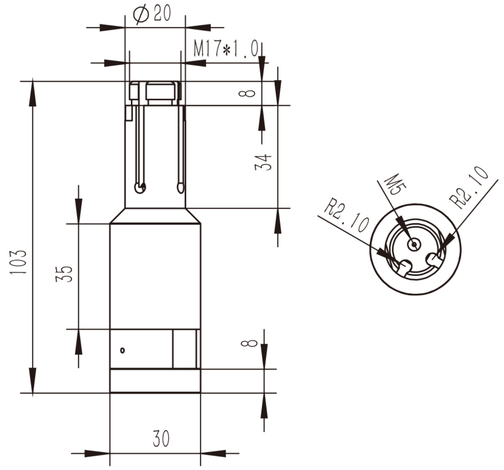
型号 Model	DL35JD3-S5
货号 No.	707002



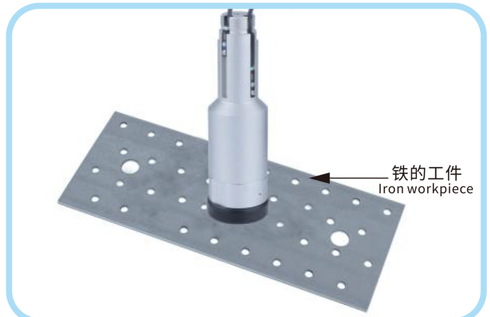
型号 Model	DL40JD3-S4
货号 No.	707003

磁力吸盘系列 Magnetic suction cup series





型号Model	DSGM20-30-GD
货号 No.	708008



特点： Features

- 无需电压电源即可使用永久磁铁进行安全夹持,利用压缩空气和真空对永磁体进行控制
  Safegripping with a permanent magnet is possible without voltage source
  Control of permanent magnet with compressed air and vacuum
- 双稳态设计：在断电的情况下保持磁铁设置“抓握”和“释放”
  Bistable design: the magnet settings "grip" and "release
- 用于处理穿孔金属板、复杂的激光切割工件和带孔金属板
  Magnetic gripper for handling of perforated metal sheets

堵孔金具吸盘组 Plugging Sucker Fittings Set

在生产过程中，中间有贯通孔的过程中会有自动脱落的现象针对这一情况我们开发了一款专门适用 于吸附带盘食品和化妆品的盖子、齿轮、螺母及冲压件等工件，满足了带孔工件可以吸附的功能；

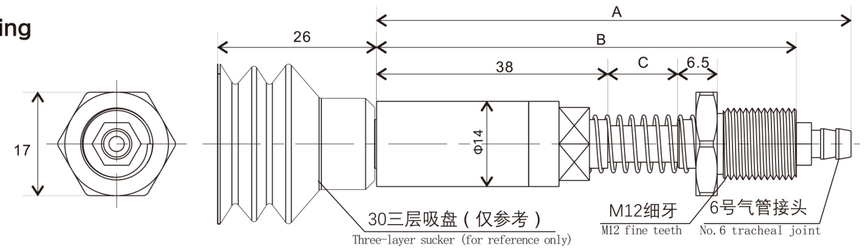
During the process of production, workpieces with through-holes in the middle will automatically fall off when they are removed and handled. To solve this problem, we have developed a sucker specially for adsorption of workpieces with holes, such as food and cosmetic covers, small gears, nuts and stamping parts, etc.;

组合图



案例1 Case 1	化妆品瓶盖 Cosmetic bottle cap	
案例2 Case 2	塑料齿轮 Plastic gear	
案例3 Case 3	冲床产品 Stamping part	

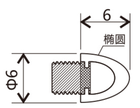
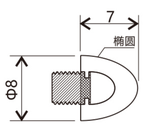
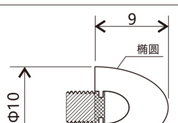
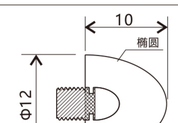
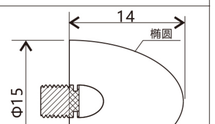
尺寸图 Dimension drawing



参数表 Table of Parameters

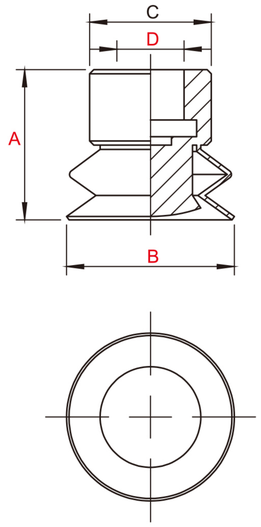
型号 Model / 参数 Parameter	DL3-TSJ60M12	DL3-TSJ73M12	DL3-TSJ85M12	DL3-TSJ100M12	DL3-TSJ126M12	DL3-TSJ156M12
A	78	91	103	118	144	174
B	69	82	94	109	135	168
C	10st	20st	30st	40st	60st	80st

可选配件Optional Accessories

DT1-6	DT1-8	DT1-10	DT1-12	DT1-15
				
				

平面堵孔吸盘 Flat plug sucker





货号(No.)	型号(Model)	A(mm)	B(mm)	C(mm)	D(mm)	最大堵孔直径	产品最小直径
706010	DL20BS-08DK	17	20	15	8	8MM	20MM
706011	DL25BS-08DK	17	25	15	8	14MM	25MM
706012	DL30BS-08DK	20	30	18	8	17MM	30MM

运用实例 / Application example





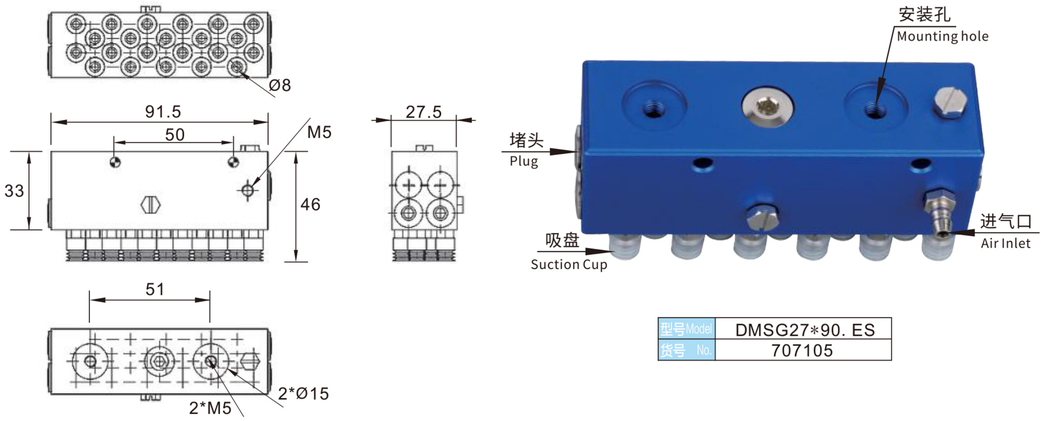
PCB电路板吸盘 PCB circuit board sucker





特点： Feature

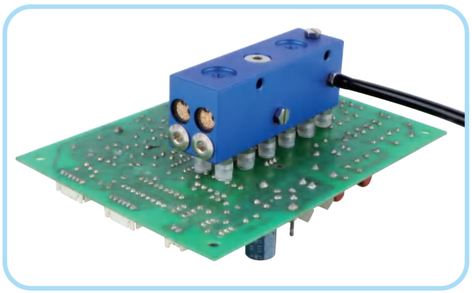
- 密集排列吸附适应性强，内置大流量真空发生器
  Strong adaptability to dense arrangement and adsorption, built-in large-flow vacuum generator
- 适合于电路板、PCB、内托、各种镂空、有孔片材异形件
  Suitable for circuit board, PCB, inner support, various hollow, perforated sheet parts
- 每个吸盘独立工作，互不影响
  Each sucker works independently and does not affect each other.



型号Model	DMSG27*90. ES
货号 No.	707105

运用实例 / Application example





码垛集成式吸盘 Stack integration suction cup

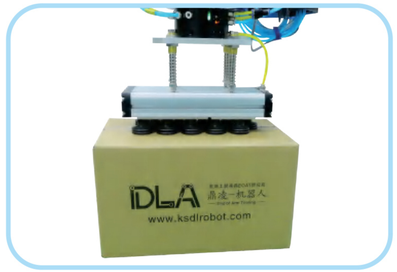




特点： Feature

- 吸力大，可吸取较重产品，可吸附相对平整的产品
  Large suction, can absorb heavy products, can absorb relatively flat products
- 内置大流量真空发生器，每个吸盘都配备止回阀，防止部分吸盘漏气使产品脱落
  Built-in large-flow vacuum generator, each sucker is equipped with a check valve to prevent part of the sucker from leaking air and causing the product to fall off
- 适用于纸箱搬运，码垛（注意：搬运过程中纸箱不能严重变形，适用于硬纸箱）
  Suitable for carton handling and stacking (note: the carton cannot be seriously deformed during handling, suitable for hard cartons)

运用实例 / Application example





货号 NO.	规格型号 Specification/Model	本体大小 Ontology size	空气消耗量 L/min	最大抽吸量 L/min	最大真空度 kPa	吸力 N	重量 KG
707110	DWSG20-130*240-AW	130*240	182	682	87	255	2.5
707111	DWSG20-130*310-AW	130*310	273	1050	87	300	3.2
707112	DWSG20-130*415-AW	130*415	273	1050	87	450	3.4
707113	DWSG20-130*440-AW	130*440	273	1050	87	475	3.8
707114	DWSG20-130*550-AW	130*550	364	1350	87	580	4.6
707115	DWSG20-130*645-AW	130*645	364	1350	87	650	5.1
707116	DWSG20-130*800-AW	130*800	364	1350	87	780	7.7
707117	DWSG20-130*1235-AW	130*1235	455	1700	87	1170	10.2

码垛集成式吸盘 Stack integration suction cup



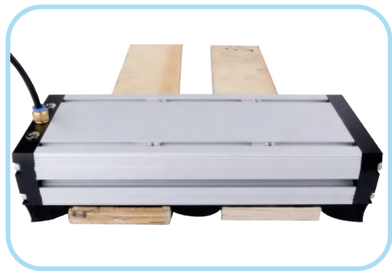




特点： Feature

- 适用于粗糙面，表面有稍微凹凸不平的产品
  Suitable for products with rough surface and slightly uneven surface
- 内置大流量真空发生器，每个吸盘都配备止回阀，防止部分吸盘漏气使产品脱落
  Built-in large-flow vacuum generator, each sucker is equipped with a check valve to prevent part of the sucker from leaking air and causing the product to fall off
- 适用于石材，木材搬运，非平面 弧度 曲面搬运
  Suitable for stone, wood handling, non-planar curved surface handling

运用实例 / Application example





货号 NO.	规格型号 Specification/Model	本体大小 Ontology size	空气消耗量 L/min	最大抽吸量 L/min	最大真空度 kPa	吸力 N	重量 KG	单独海绵型号 Single sponge model
707209	DMX20-120*60-AW	120*60	85	215	80	125	0.44	DMX120*60B
707210	DMX20-130*240-AW	130*240	182	682	87	325	1.9	DMX130*240B
707211	DMX20-130*310-AW	130*310	273	1050	87	350	2.3	DMX130*310B
707212	DMX20-130*415-AW	130*415	273	1050	87	550	2.5	DMX130*415B
707213	DMX20-130*440-AW	130*440	273	1050	87	600	2.8	DMX130*440B
707214	DMX20-130*550-AW	130*550	364	1350	87	680	3.5	DMX130*550B
707215	DMX20-130*645-AW	130*645	364	1350	87	810	3.9	DMX130*645B
707216	DMX20-130*800-AW	130*800	364	1350	87	1000	5.5	DMX130*800B
707217	DMX20-130*1235-AW	130*1235	455	1700	87	1345	7.2	DMX130*1235B

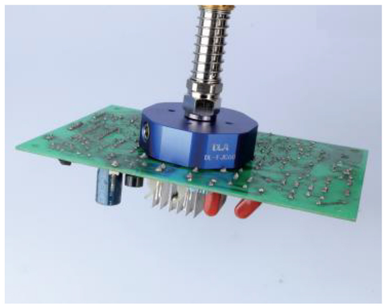
非接触式真空吸盘 Non-contact Vacuum Sucker



特点：Characteristic

- 可非接触搬运玻璃、半导体硅晶片及纸张等
  Non-contact handling of glass, semiconductor silicon wafers, paper, etc.
- 也能对通气性的工作或是表机略微凹凸的工作进行吸附
  It can also adsorb ventilating workpieces or workpieces with slightly uneven surface.
- 吸引力强
  Strong adsorption
- 不会在工件上留下吸痕
  Without leaving adsorption marks on workpieces
- 不需要维护
  Maintenance free
- 由于不会吸入环境中的粉尘，因此不会弄脏吸附表面
  It will not stain the adsorption surface since it does not intake dust from the environment.

运用实例 / Application example

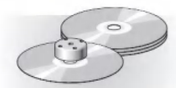




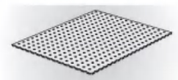


使用案例 Use cases

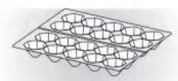
1. Handling of CDs and DVDs
   CD、DVD的搬运



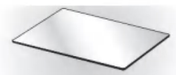
2. Handling of Printed Circuit Boards
   印刷电路板的搬运



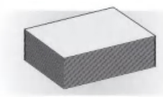
3. Handling of trays for egg packaging.
   鸡蛋包装托盘的搬运



4. Handling of glass plates.
   玻璃板的搬运
   (不留下吸痕) (No suction marks left)



5. Handling of Paper and Plastics
   纸．塑料的搬运
   (不留下吸痕) (No suction marks left)



6. 其他 Other
   - 表面粗糙 Rough surface
     凹凸不平 Uneven
   - 表面附有灰尘 Dust, powder, etc
     粉末等的物体 . on the surface

用途 Purpose

行业 Industry

- 电机行业 Motor industry
- 半导体行业 Semiconductor industry
- 食品行业 Food Industry
- 印刷行业 Printing Industry
- 医疗行业 Medical Profession
- 液晶行业 LED Industry
- 其他 Other

工序 Working Procedure

- 制造设备 Manufacturing equipment
- 搬运设备 Handing equipment
- 包装机 Packer
- 组装设备 Assembly equipment

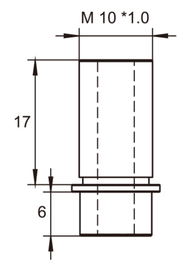
工件 Workpiece

- CD · DVD
- 半导体硅晶片 Semiconductor Silicon Wafter
- 镜子 Mirror
- 壳体铸型 Shell Mold
- 奶油泡芙 Cream Puff
- 底纸 Low Paper
- 纸 Paper
- 印刷电路板 PCB
- 塑料 Plastic
- 布 Cloth
- 薄膜 Film
- 玻璃 Glass
- 纱布 Gauze
- 海绵 Sponge
- 其他 Other

非接触式真空吸盘 Non-contact Vacuum Sucker

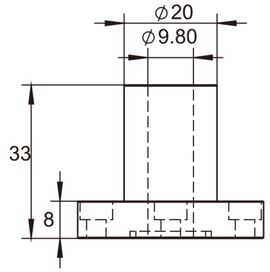




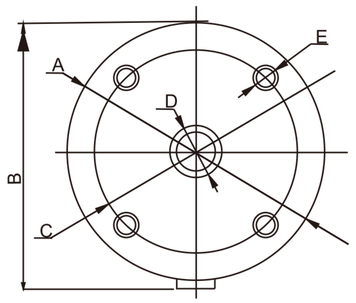


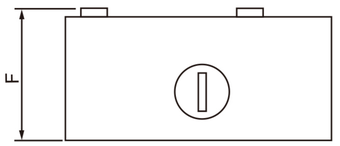
DLFJCDZM10





DLFJCDZ20

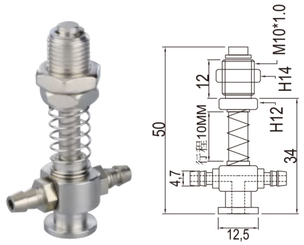




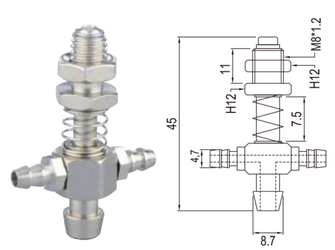
型号 Model	水平提升力N (-9kPa)	垂直提升力N (-9kPa)	最大真空度 -kPa	空气消耗量 l/min(5bar)	供气压力 Pressure range bar	工作温度 Temperature range °C	重量 Weight (g)
DL-FJC25	2	1	11	100	3~7	-20~80	19
DL-FJC30	3	2	11	100			30
DL-FJC40	4	3	11	100			52
DL-FJC60	7.5	5	10	140			116
DL-FJC80	14	9	8	200			200
DL-FJC100	28	15	8	300			300

尺寸mm 型号 Model	A	B	C	D	E	F
DL-FJC25	25	25		PT1/8		17.8
DL-FJC30	30	30		PT1/8		17.8
DL-FJC40	40	40	32	PT1/8	4-M4	17.8
DL-FJC60	60	61	45	PT1/8	4-M4	17.8
DL-FJC80	80	82	60	PT1/8	4-M4	25
DL-FJC100	100	102	80	PT1/8	4-M4	25

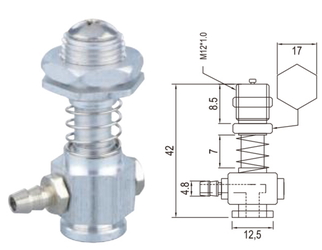
特殊金具系列 Special Metal Fittings Series



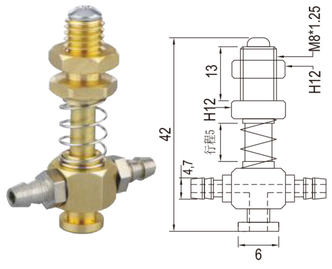
型号Model	DL3-YSJ50M10-AP
货号 No.	607104



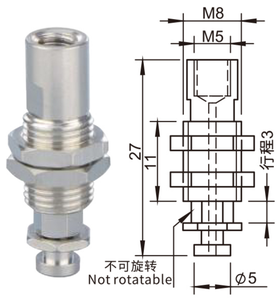
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货号 No.	607105



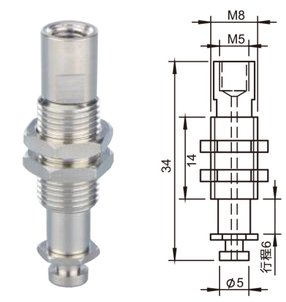
型号Model	DL3-YAJ42M12-YX
货号 No.	607106



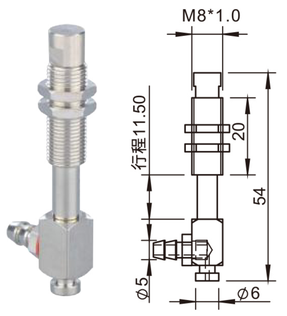
型号Model	DL3-YCJ42M8-HM
货号 No.	607107



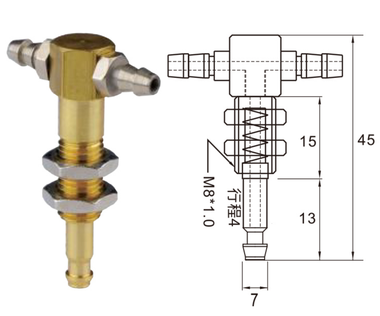
型号Model	DL2-TCK27M8
货号 No.	607112



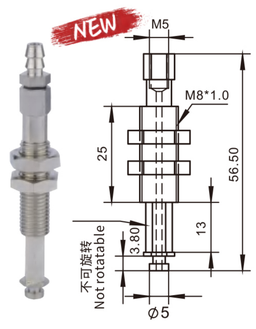
型号Model	DL2-TCJ34M8
货号 No.	607108



型号Model	DL2-TCJ54M8
货号 No.	607109

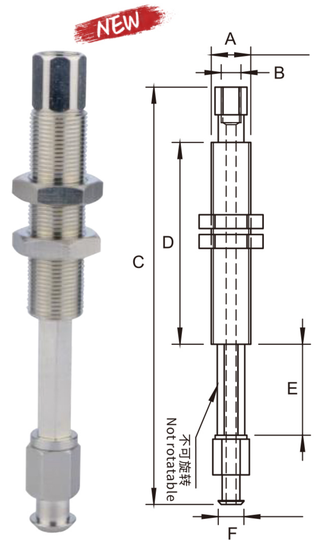


型号Model	DL3-YCJ45-M8
货号 No.	607130



型号Model	DL2-TCK56M8-5
货号 No.	607135

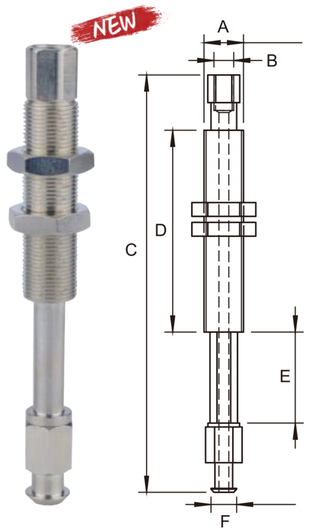
不可旋转金具 Non-rotatable hardware





货号 (No.)	型号 (Model)	A	B	C (mm)	D (mm)	行程E (mm)	F (mm)
607151	DL2-K10-M10	M10*1.0	M5	65	23	10	6.5
607152	DL2-K18-M10	M10*1.0	M5	90	40	18	6.5
607153	DL2-K22-M10	M10*1.0	M5	106	51	22	6.5
607154	DL2-K30-M10	M10*1.0	M5	112	51	30	6.5
607155	DL2-K40-M10	M10*1.0	M5	150	77	40	6.5
607156	DL2-K50-M10	M10*1.0	M5	160	77	50	6.5
607157	DL2-K10-M14	M14*1.0	1/8	100	50	10	11.8
607158	DL2-K20-M14	M14*1.0	1/8	108	50	20	11.8
607159	DL2-K30-M14	M14*1.0	1/8	118	50	30	11.8
607160	DL2-K40-M14	M14*1.0	1/8	153	75	40	11.8
607161	DL2-K50-M14	M14*1.0	1/8	163	75	50	11.8

可旋转金具 Rotatable hardware



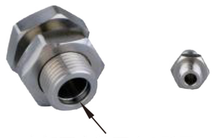


货号 (No.)	型号 (Model)	A	B	C (mm)	D (mm)	行程E (mm)	F (mm)
607171	DL2-J10-M10	M10*1.0	M5	65	23	10	6.5
607172	DL2-J18-M10	M10*1.0	M5	90	40	18	6.5
607173	DL2-J22-M10	M10*1.0	M5	106	51	22	6.5
607174	DL2-J30-M10	M10*1.0	M5	112	51	30	6.5
607175	DL2-J40-M10	M10*1.0	M5	150	77	40	6.5
607176	DL2-J50-M10	M10*1.0	M5	160	77	50	6.5
607177	DL2-J10-M14	M14*1.0	1/8	100	50	10	11.8
607178	DL2-J20-M14	M14*1.0	1/8	108	50	20	11.8
607179	DL2-J30-M14	M14*1.0	1/8	118	50	30	11.8
607180	DL2-J40-M14	M14*1.0	1/8	153	75	40	11.8
607181	DL2-J50-M14	M14*1.0	1/8	163	75	50	11.8

304不锈钢金具系列 304 stainless steel hardware series



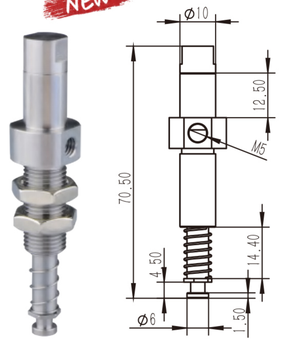




特点:Feature

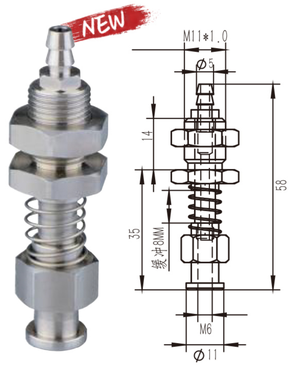
- 产品选用304不锈钢材质，防腐防锈，耐磨损
  The product is made of 304 stainless steel, which is corrosion-resistant, rust-proof and wear-resistant.
- 配备不锈钢缓冲弹簧
  Equipped with stainless steel buffer spring

NEW



型号Model	DL2-TNJ70M10ZZL
货号 No.	607190

NEW

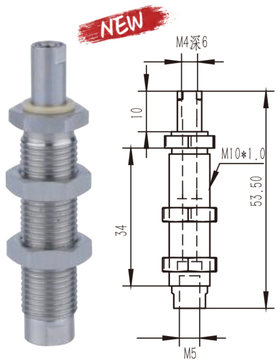


型号Model	DL3-TNJ28M-11-11
货号 No.	607192



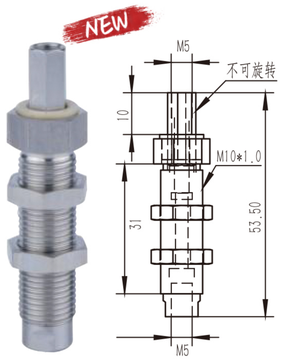


NEW



型号Model	DL2-TNJ60M10-A
货号 No.	607194

NEW



型号Model	DL2-TNK60M10-B
货号 No.	607195





塑料浇口用气动剪刀

Air Nippers For Resin Gate Nippers For Resin Gate

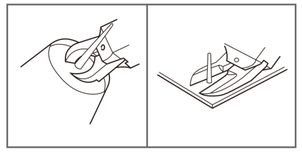
这些都是专业的气动剪刀，可安装在精确的浇口切割设备和备用夹具上。VESSEL可提供丰富的选择，以满足各种需求。

These are high-class air nippers that can be mounted on gate cutting equipment and standby jigs for accurate, speedy cutting of resin products. VESSEL has a wide selection of items to meet a variety of needs, from around-the-clock operations to high cutting precision.

Solution

切断, 抓取, 卷曲和打孔
Cut, grab, crimp and punch.

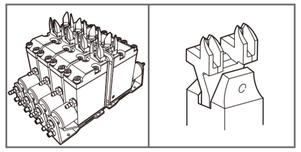
切割直浇口塑料
Cutting direct gate molded components



剪切切割大直径情况下，头盔，管接头配件、垃圾桶、花盆。长期使用精湛的耐久性

Cuts large diameter sprues such as garment cases, helmets, pipe joint parts, trash cans, planters. Superb durability in long term use.

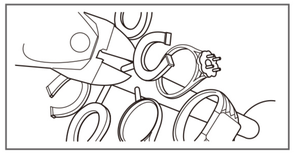
多穴产品浇口切断
Gate cut for multiple impression molded components



紧凑，重量轻，多浇口刀片项目的选择，方便安装在治具板和备用夹具上。实现有效的剪切节约剪切需求时间。

Compact, lightweight body and with a large selection of blade items, easy mounting on chuck board and standby jig. Achieves efficient cuts matching cycle time.

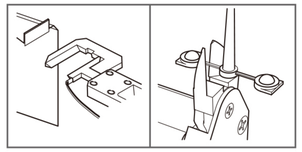
从金属铸造件上取产品
Taking products from a jewelry tree



对金属切割、项链，戒指等极好的耐用性和刀头剪切的高效率。

Cutting of precious metals for rings, necklaces etc. Superb durability and increased efficiency with powerful nipper blades.

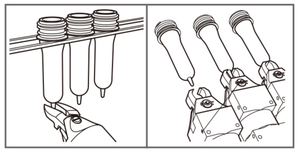
切割镜片、导光板、透明产品
Gate cutting for lenses, LGP, and transparent products



各种加热剪刀防止裂缝和发白，决定性的因素是刀刃的加热温度和切削速度。支持灵活性和高精度切割的要求。

Various heated nippers prevent cracks and whitening, the decisive factor is the heating temperature of the blades and cutting speed. Supports demands for improved flexibility and high precision cutting.

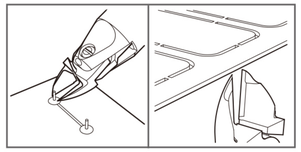
切割食品和药品的成型
Pre-form cutting for food and drug cases



对吹塑成型产品的剪切。切割精度与产品质量有关。

Improved efficiency in pre-forming, nippers attached to flat finish pre-form molding machine. Cut precision is linked to product quality.

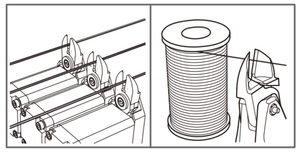
切割电子元件及绕板
Cutting electronic components and around boards



线路板半自动剪切
手持式气动剪刀
可以显着减少手腕疲劳。

Optimal handy nippers for cutting lead lines after soldering to significantly reduce wrist strain. Substrate is attached to the desktop robot….

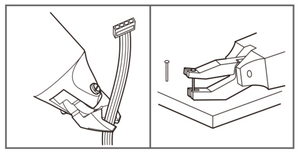
绕线机的电火花线切割
Wire cutting with coil winding machine



附自动绕线机钳板单元的电源变压器、风扇电机。切割粗线，不能被撕裂。

Attach to the nipper unit of automatic coil winding machine for power transformers, fan motors and ignition. Cutting thick diameter wires that cannot be torn off.

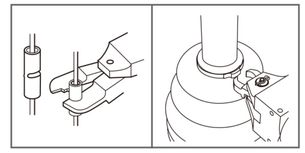
回收工厂的手动工具
Hand tools for dismantling in recycling plants



剪切各种电线、铜管和不锈钢回收品;如电脑和办公设备、游戏机、电视、冰箱、洗衣机等

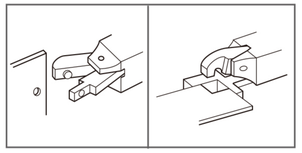
Cuts a variety of wires, copper tubing and steel bands in recycling plants such as PCs and OA equipment, pachinko machines, TVs, and refrigerators. washing machines, etc. Nippers for the purpose of pulling out the pachinko machine pins.

接线端子的压合
Crimping task for solderless terminals



压接端子与各种线束；如配电盘、电器产品、照明设备。减少人力，提高工作效率。
For crimping terminals with various wiring harnesses such as for switchboards, electrical products and lighting equipment. Less strain on fingers and wrists.
Increased work efficiency for stop rings for auto parts.

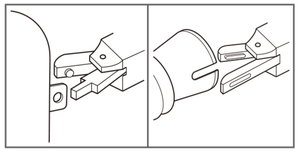
铝制品和薄铁件打孔
Die cutter for aluminum products and plastic components



通过特制刀头，完成薄铝制品或薄铁件的冲孔

By support for separate blades, allows punching and form cutting of aluminum sash and thin plates.

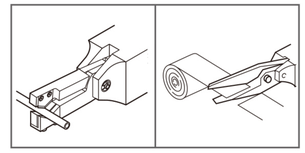
吹塑成型制品，冲孔开槽孔
Punching of blow molded products, punching slotted holes



冲孔吹塑成型制品，冲孔开槽孔，用于不能冲压的容器，

Punching blow molded products, punching slotted holes, for containers that cannot be punched and automobile ducts, etc.

其他应用
Other applications



气剪，可切割各种硬的纤维，碳纤维，芳纶纤维，和软塑料片材。切牛仔裤腰带环钳、剥皮再生的高尔夫球，随着纺织机械的切削刃等。
Micro-edge air scissors that can cut various hard-to-cut fibers, carbon, aramid fibers, and soft plastic sheets. Nippers for cutting belt loops of jeans, peeling recycled golf balls, cutting edges with textile machinery, etc.

气动剪刀

■ 气动剪刀的选择方法 Selection method for air nipper

材料 Check materials

什么是切割目标（工件）

- 金属丝
  - 钢丝
  - 铜线
  - 钢琴丝（不是热处理/ hv320或以下）、贵金属等
- 注塑塑料
  - 软塑料（聚氯乙烯，聚乙烯）
  - 硬塑料（丙烯酸，聚碳酸酯，树脂等）
- 其他应用
  - 工作中材料的检查和应用（弯曲、铆接、冲压、机械手、和剪刀。）

What is the "cutting target (workpiece)"?

- Metal wire
  - Steel wire
  - Copper wire
  - Piano wire (not heat processed/HV320 or below), precious metals etc.
- Molded plastic
  - Soft plastic (polyvinyl chloride, polyethylene)
  - Hard plastic (acrylic, polycarbonate, ABS, etc.)
- Other applications
  - Check materials, applications and work. (Bending, caulking, punching, robotic hand, and scissors.)

确认尺寸 Check dimensions

剪切的尺寸大小? How big is the "size of the cut portion"?

- 金属
  - （MM）[截面面积的选择模型]
  - 圆（Φ毫米）
- 塑料
  - （MM）[截面面积的选择模型]
- 其他应用
  - 工作中材料的检查和应用

- Metal
  - Angle (mm× mm) [select model by cross-section area]
  - Round (Φ mm)
- Plastic
  - Angle (mm× mm) [select model by cross-section area]
- Other applications
  - Check materials, applications and work.

应用场所 Usage

“工作的状态/环境”是什么?
What is the "state/environment of the work"?

用于自动机械和机器人。
用于手工作业。
安装在夹具上。等等
Used mounted on automated machinery and robots.
Used for manual work.
Used mounted on a jig. And so forth

选择模型 Select model

选择一个适合于目标的模型。
Choose a model suitable for the purpose.

选择基于“使用和切割尺寸”，“材料和尺寸/形状”的刀头。
指的是“产品规格”为主要单位/刀头特征/用途，同时在选择型号，按剪切“能力选择表”。

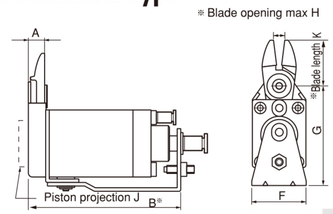
工件的形状/材质与标准产品不匹配。
Choose based on "usage and cut dimensions" for the main unit, a nd "material and dimensions/shape" for the blades.
Refer to "product specifications" for the main unit/blade characteristics/usage, respectively. Also when selecting the machine, refer to "capability selection chart".
The shape/material of the workpiece may not be compatible with standard products.

卧式带引拔气动剪刀 GT-NY05/10/15/25 Slide-Off Air Nippers Horizontal-Type

NY







水平滑动使空间能够有效地使用
主单元的低轮廓允许在不妨碍操作的过程中被移除
The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed without obstructing the operations of the chuck plate.

Capacity φ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	A	B	C	D	E	F	G	H	I	J	K	Air Consumption (cm³/str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of theHose Port
3.0	2.0	1.6	1.0	902201	GT-NY05	8.6	75.9	40.9	25	15	23	47.6	4	M4	3	22	48	155	Pull 0～3	W/hose nipple
3.0	2.0	1.6	1.0	902202	GT-NY05R												48	155	Push 0～3	Hose I.D. φ2.5mm
3.0	2.0	1.6	1.0	902203	GT-NY05-4												48	155	Pull 0～3	W/tube fitting
3.0	2.0	1.6	1.0	902204	GT-NY05R-4												48	155	Push 0～3	Hose I.D. φ2.5XO.D. φ4mm
3.5	2.3			902205	GT-NY10	8.8	82.1	42.1	30	20	28	51.6	6	M4	5	24	68	210	Pull 0～3	W/hose nipple
3.5	2.3			902206	GT-NY10R												68	210	Push 0～3	Hose I.D. φ2.5mm
3.5	2.3			902207	GT-NY10-4												68	210	Pull 0～3	W/tube fitting
3.5	2.3			902208	GT-NY10R-4												68	210	Push 0～3	Hose I.D. φ2.5XO.D. φ4mm
4.0	2.6			902209	GT-NY15	10.2	93	48	35	25	33	58	8	M4	5	27	136	319	Pull 0～3	W/hose nipple
4.0	2.6			902210	GT-NY15R												136	319	Push 0～3	Hose I.D. φ2.5mm
4.0	2.6			902211	GT-NY15-4												136	319	Pull 0～3	W/tube fitting
4.0	2.6			902212	GT-NY15R-4												136	319	Push 0～3	Hose I.D. φ2.5XO.D. φ4mm
5.0	3.4			902213	GT-NY25	12.5	108.5	54.5	40	30	42	69	9	M5	2	31	184	580	Pull 0～5	W/hose nipple
5.0	3.4			902214	GT-NY25R												184	580	Push 0～5	Hose I.D. φ4mm
5.0	3.4			902215	GT-NY25-6												184	580	Pull 0～5	W/tube fitting
5.0	3.4			902216	GT-NY25R-6												184	580	Push 0～5	Hose I.D. φ4XO.D. φ6mm

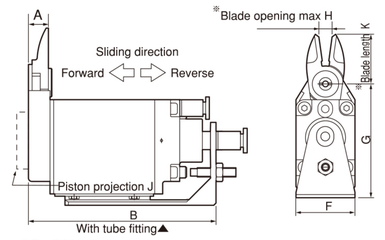
※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Ai r Pressure··0.4～0.5 MPa (NY25 type: 0.5～0.6)
※B refers to the distance from the cut position for PUSH style models, and the distance from the start position for PULL style models.

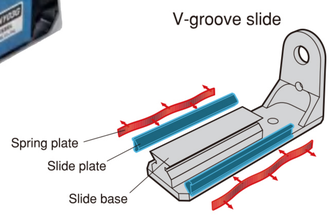
卧式带引拔气动剪刀 GT-NY03G/10G Slide-Off Air Nippers Horizontal-Type

Patented

NY-G







V型槽滑座具有高精度，
稳定的定位，该单元不受倾斜荷载。
并实现了高精度切割性能

VESSEL s patented, V-groove slide base ensures constant, stable positioning. The unit is not subject to inclined loads, and has achieved high precision gate cutting performance.

4水平滑动使空间能够有效地使用

Capacity φ (mm) Soft Plastic	Hard Plastic	No.	Model	A	B	C	D	E	F	G	H	I	J	K	Air Consumption (cm³/str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of theHose Port
2.0	1.3	902217	GT-NY03G	8.6	74.5	29.5	30	-	19	46.5	3	M4	0	21	37	160	Pull 0～3	W/hose nipple Hose I.D. φ2.5mm
2.0	1.3	902218	GT-NY03GR												37	160	Push 0～3	
2.0	1.3	902219	GT-NY03G-4												37	160	Pull 0～3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
2.0	1.3	902220	GT-NY03GR-4												37	160	Push 0～3	
3.5	2.3	902221	GT-NY10G	8.8	82.6	29.6	35	20	28	54	6	M4	5	24	68	275	Pull 0～3	W/hose nipple Hose I.D. φ2.5mm
3.5	2.3	902222	GT-NY10GR												68	275	Push 0～3	
3.5	2.3	902223	GT-NY10G-4												68	275	Pull 0～3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
3.5	2.3	902224	GT-NY10GR-4												68	275	Push 0～3	

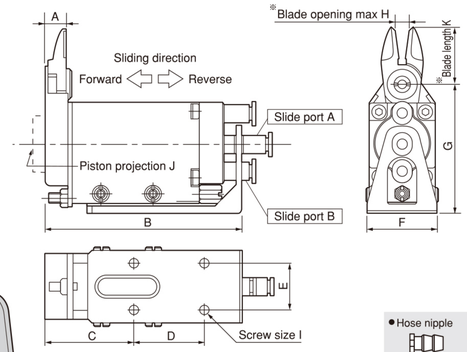
※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure···0.4～0.5 MPa

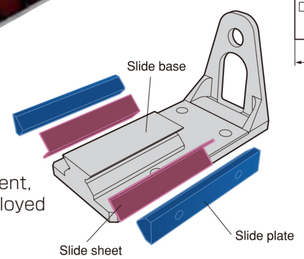
Blade is optional. Note that forward and backward-facing blades are available

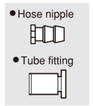
卧式双向引拔气动剪刀 GT-NY10S/25S Double Action Sliding Air Nippers

NY-S









采用了V型滑动底座，使定位精度
更高，并可作为正逆双向使用。

The springless slide construction
of the main unit ensures smooth movement,
and a V-groove slide base has been employed
for high precision positioning.

WARNING
Injecting air into slide port A slides the nippers in reverse.
Injecting air into slide port B slides the nippers forward.

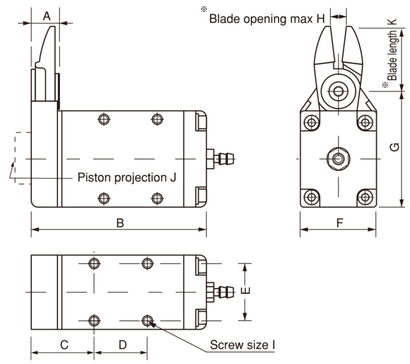
Capacity ϕ (mm) Soft Plastic	Capacity ϕ (mm) Hard Plastic	No.	Model	Size (mm) A	B	C	D	E	F	G	H	I	J	K	Air Consumption (cm³/str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of the Hose Port
3.5	2.3	902225	**GT-NY10S**	8.8	84.5	38	30	20	32	55	6	4-M4	5	24	68	300	0～3.5	W/tube fitting Hose I.D. ϕ2.5×O.D. ϕ4mm
5.0	3.4	902226	**GT-NY25S**	12.5	106.5	47	40	30	47	72	9	4-M5	2	31	184	695	0～5.0	W/tube fitting Hose I.D. ϕ4×O.D. ϕ6mm

※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure…NY10S : 0.4～0.5 MPa / NY25S : 0.5～0.6 MPa

卧式气动剪刀 GT-NF05/10/15 Type-F Air Nippers

NF





此系列气动剪刀设计 轻巧。在狭小空间内易于安装

These compact, lightweight nippers have been designed
or easy mounting inside equipment and to enable secure mounting
under high-density mounting conditions.

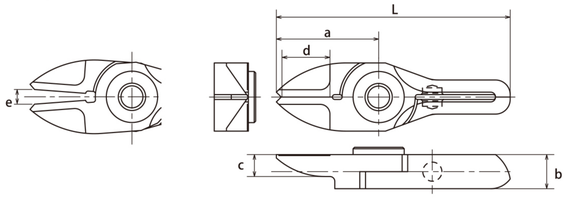
Capacity ϕ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	Size (mm) A	B	C	D	E	F	G	H	I	J	K	Air Consumption (cm³/str.)	Weight (g)	Spec. & Size of the Hose Port
3.0	2.0	1.6	1.0	902227	**GT-NF05**	8.6	59.9	21.9	17	18	23	39.5	4	M3	3	22	43	101	W/hose nipple Hose I.D. ϕ2.5mm× ϕ4mm
3.5	2.3	1.7	1.1	902228	**GT-NF10**	8.8	65.1	23.1	20	22	28	43.5	6	M3.5	5	24	63	143	
4.0	2.6	1.8	1.2	902229	**GT-NF15**	10.2	73	25	25	26	33	48.5	8	M4	5	27	128	219	

※Blade opening max. (K) is the dimension adjusted for standard blade (AJ type). Mounting screw for NF10 (M3.5) is regarded as spare part. ※Air Pressure…0.4～0.5 MPa

AJ/RAJ AJB 切塑料直刀头 Straight blades for plastic

Plastic

AJ/标准刀头 RAJ/AJ型的逆刀头 AJB/超硬质合金刀片，用于切割含玻璃纤维的硬塑料。
AJ/ This is a vertical set of blades with an unbeveled cutting edge. You can apply it at a right angle to the gate. RAJ/ This is a reverse bevel of AJ type. AJB/ This has a brazed carbide tip, suitable for cutting hard plastic or plastic containing glass fiber.



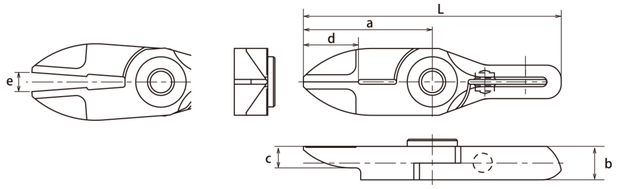


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902301	NY05AJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05
902302	NY05RAJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05
902303	NY05AJB	22	7	5	10.5	4	53	22	Sintered Alloy	GT-NY05(-4) / NF05
902304	NY10AJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
902305	NY10RAJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10R(-4) / NY 10GR(-4) / NF10 / NY10S
902306	NY10AJB	24	7.2	5	12	6	57	28	Sintered Alloy	GT-NY10R(-4) / NY 10GR(-4) / NF10 / NY10S
902307	NY15AJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15(-4) / NF15
902308	NY15RAJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15R(-4) / NF15
902309	NY15AJB	27	8.2	5.5	13	8	65	41	Sintered Alloy	GT-NY15R(-4) / NF15
902310	NY25AJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25(-6) / NY 25S
902311	NY25RAJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25R(-6) / NY 25S
902312	NY25AJB	31	10	6	16	9	77	65	Sintered Alloy	GT-NY25R(-6) / NY 25S

AJL 切塑料加长直刀头 Straight long blades for plastic

Plastic

AJL/长型刀头。用于切割处有产品干涉的工件
AJL/ This is a long type set of straight blades. This is useful when there is distance between the nippers and the gate cut portion of the workpiece.



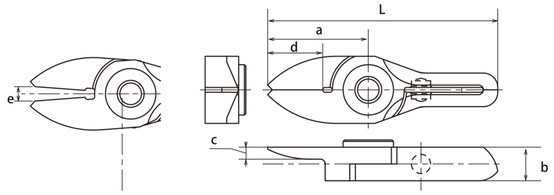


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902313	NY05AJL	31	7	5	10.5	5.5	62	29	Special alloy steel	GT-NY05(-4) / NF05
902314	NY10AJL	33	7.2	5	12	8	66	37	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
902315	NY15AJL	38	8.2	5.5	13	11	76	50	Special alloy steel	GT-NY15(-4) / NF15
902316	NY25AJL	46	10	6	16	13	92	88	Special alloy steel	GT-NY25(-6) / NY 25S

AJT 切塑料薄刀头 Thin, straight blades for plastic Plastic

Plastic

AJT/ 薄刃刀头。可以无残余的清洁修剪横截面
AJT/ This is a set of straight blades with a thin cutting edge. It can cleanly trim cross sections without remnants.





No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902317	NY05AJT	22	7	3	10.5	4	53	21	Special alloy steel	GT-NY05(-4) / NF05
902318	NY10AJT	24	7.2	3	12	6	57	26	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
902319	NY15AJT	27	8.2	3.5	13	8	65	38	SPecial alloy steel	GT-NY15(-4) / NF15

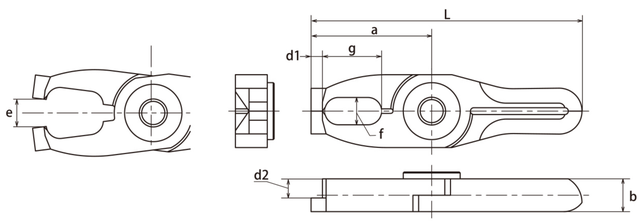
卧式气动剪刀头 Slide-off air nipper horizontal-type blades

AD

切塑料段差刀头 Lift blades for plastic

Plastic

AD/ 用于处理多角度浇口
AD/ This is used for batch processing of the three-dimensional gate such as ride gate.





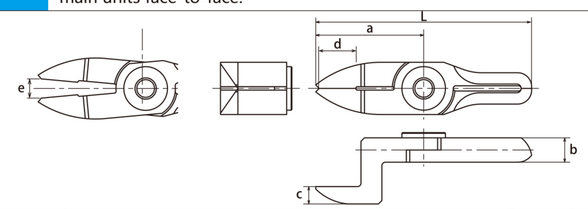
No.	Model	Size (mm) a	b	f×g	d1	d2	e (mm)	L (mm)	Weight (g)	Material	Application model
902320	NY10AD	26.5	7.2	6×13	4.2	2.5	6	59.5	31	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
902321	NY15AD	30	8.2	7×14	4.7	3	8	68	45	Special alloy steel	GT-NY15(-4) / NF15
902322	NY25AD	35	10	8×17	6	4	9	81	75	Special alloy steel	GT-NY25(-6) / NY 25S

AH/ RAH

切塑料避位刀头 Crank blades for plastic

Plastic

AH/ 具有固定的切割边缘的刀片。可以有效避开浇口面的障碍物
RAH/ AH的逆刀头
AH/ This is a set of blades with a clamped cutting edge for plastic. It is effective when there are obstructions or the gate is narrow.
RAH/ This is a reverse bevel of AH type used when installing the main units face-to-face.





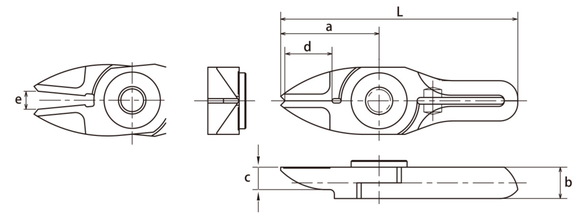
No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902323	NY05AH	31	19	5	10.5	5.5	62	37	Special alloy steel	GT-NY05(-4) / NF05
902324	NY05RAH	30	12	5	10.5	5	61	31	Special alloy steel	GT-NY05R(-4) / NF05
902325	NY10AH	33	20	5	12	8	66	43	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
902326	NY15AH	38	21.5	5.5	13	11	76	63	Special alloy steel	GT-NY15(-4) / NF15
902327	NY15RAH	35	13.2	5.5	13	9	73	52	Special alloy steel	GT-NY15R(-4) / NF15
902328	NY25AH	46	24	6	17	13	92	110	Special alloy steel	GT-NY25(-6) / NY 25S
902329	NY25RAH	42	16	6	16	12	88	89	Special alloy steel	GT-NY25R(-6) / NY 25S

BJ/ RBJ

切金属直刀 Straight thin blades for metal

Plastic

BJ/切削金属垂直刀头 RBJ /BJ型的逆刀头
BJ/ This is a set of vertical blades with an unbeveled cutting edge for metal. RBJ/ This is a reverse bevel of BJ type.





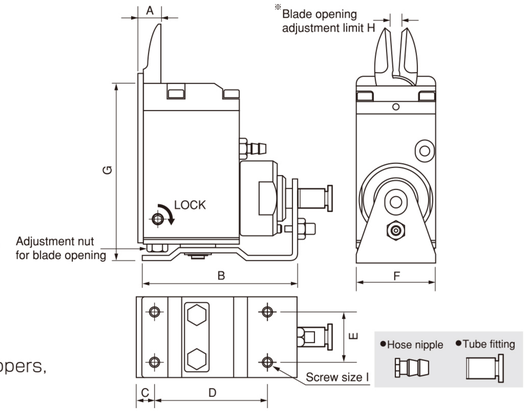
No.	Model No.	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902330	NY05BJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05
902331	NY05RBJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05

卧式带引拔气动剪刀 GT-NT03/05/10/20 Slide-Off Air Nippers Vertical-type

NT







确保干净，无瑕的切割面。刀头开口可调整，容易安装.
Blade gape is adjustable, and fine adjustments are easy to make after mounting the nippers, ensuring clean, unblemished cut surfaces.

Capacity ϕ (mm) Soft Plastic	Hard Plastic	No.	Model	A	B	C	D	E	F	G	H	I	Air Consumption (cm³/str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of theHose Port
1.5	1.0	902332	GT-NT03	9	62	7	43	14	19	68.1	1.5~3	M3	0.4～0.5	178	Pull 0～3	W/hose nipple Hose I.D. ϕ2.5mm
1.5	1.0	902333	GT-NT03R										0.4～0.5	178	Push 0～3	
1.5	1.0	902334	GT-NT03-4										0.4～0.5	178	Pull 0～3	W/tube fitting Hose I.D. ϕ2.5XO.D. ϕ4mm
1.5	1.0	902335	GT-NT03R-4										0.4～0.5	178	Push 0～3	
2.5	1.5	902336	GT-NT05	9	64	7	45	20	32	71.1	3~6	M4	0.4～0.5	325	Pull 0～3	W/hose nipple Hose I.D. ϕ2.5mm
2.5	1.5	902337	GT-NT05R										0.4～0.5	325	Push 0～3	
2.5	1.5	902338	GT-NT05-4										0.4～0.5	325	Pull 0～3	W/tube fitting Hose I.D. ϕ2.5XO.D. ϕ4mm
2.5	1.5	902339	GT-NT05R-4										0.4～0.5	325	Push 0～3	
3.5	2.3	902340	GT-NT10	11	73	8	53	24	38	88.1	4~7	M4	0.4～0.5	515	Pull 0～3	W/hose nipple Hose I.D. ϕ2.5mm
3.5	2.3	902341	GT-NT10R										0.4～0.5	515	Push 0～3	
3.5	2.3	902342	GT-NT10-6										0.4～0.5	515	Pull 0～3	W/tube fitting Hose I.D. ϕ4XO.D. ϕ6mm
3.5	2.3	902343	GT-NT10R-6										0.4～0.5	515	Push 0～3	
5.0	3.4	902344	GT-NT20	14	103	10	80	28	44	102.1	4.5~9	M5	0.5～0.6	930	Pull 0～8	W/hose nipple Hose I.D. ϕ4mm
5.0	3.4	902345	GT-NT20R										0.5～0.6	930	Push 0～8	
5.0	3.4	902346	GT-NT20-6										0.5～0.6	930	Pull 0～8	W/tube fitting Hose I.D. ϕ4XO.D. ϕ6mm
5.0	3.4	902347	GT-NT20R-6										0.5～0.6	930	Push 0～8	

※Blade opening adjustment limit (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure…0.4～0.5 MPa

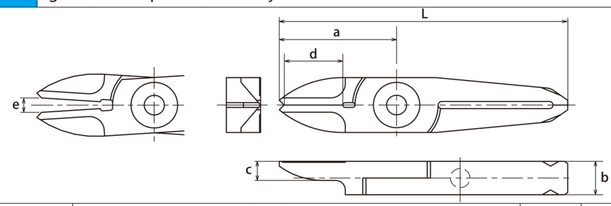
NT系列用刀头 Slide-off air nipper vertical-type blades

AJ/AJH AJB

切塑料直刀头 Straight blades for plasti

Plastic

AJ /这是一套具有正直的切削刃垂直刀头。你可以应用它在直角的浇口。刀头使用高速钢塑料含有玻璃纤维的塑料。改进耐久性。
AJ/ This is a set of vertical blades with an unbeveled cutting edge. You can apply it at a right angle to the gate. AJH/ This has a brazed high-speed steel tip suitable for cutting hard plastic. AJB/ This has a brazed carbide tip used for cutting hard plastic or plastic containing glass fiber. Improved durability.





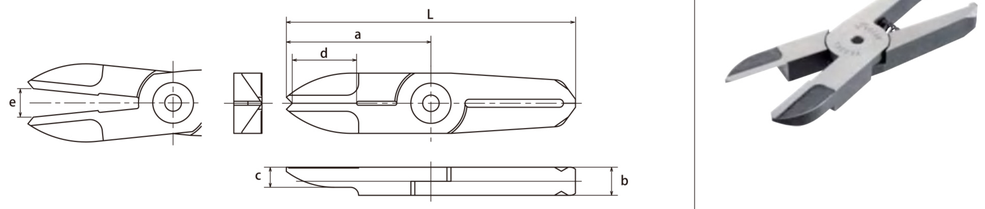
No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902348	NT03AJ	24	7	4	11	3	59	20	Special alloy steel	GT-NT03 type
902349	NT05AJ	29	7	5	15	6	65	30	Special alloy steel	GT-NT05 type
902350	NT05AJH	29	7	5	15	6	65	30	High Speed Steel	
902351	NT05AJB	29	7	5	15	6	65	30	Sintered Alloy	
902352	NE5AJ	24	7	3.5	12	6	60	35	Special alloy steel	
902353	NT10AJ	35	9	6	17	7	82	62	Special alloy steel	GT-NT10 type
902354	NT10AJH	35	9	6	17	7	82	76	High Speed Steel	
902355	NT10AJB	35	9	6	17	7	82	76	Sintered Alloy	
902356	NE10AJ	27	9	4.5	12	7	74	70	Special alloy steel	
902357	NT20AJ	40	12	6	20	9	97	120	Special alloy steel	GT-NT20 type
902358	NT20AJH	40	12	6	20	9	97	120	High Speed Steel	
902359	NT20AJB	40	12	6	20	9	97	120	Sintered Alloy	

NT 系列用刀头 Slide-off air nipper vertical-type blades

AJL 切塑料加长刀头 Straight long blades for plastic Plastic

Plastic

AJL/此系列是加长型的刀头。用于切割处有产品干涉的工件
AJL/ This is a long type set of straight blades. This is useful when there is distance between the nippers and the gate cut portion of the workpiece.

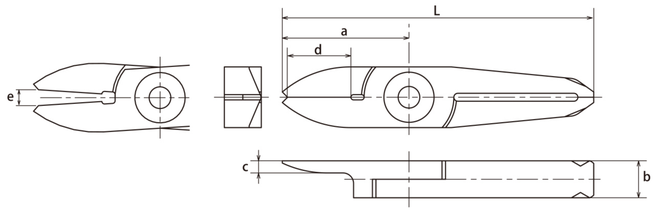


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902360	NT05AJL	36	7	5	15	7	72	39	Special alloy steel	GT-NT05 type
902361	NT10AJL	47	9	6	17	9	94	62	Special alloy steel	GT-NT10 type
902362	NT20AJL	57	12	6	20	12	114	156	Special alloy steel	GT-NT20 type

AJT 切塑料薄刀头 Thin, straight blades for plastic Plastic

Plastic

AJT/ 此系列是薄刃刀片。剪切截面无残留
AJT/ This is a set of straight blades with a thin cutting edge. It can cleanly finish cross sections without remnants.



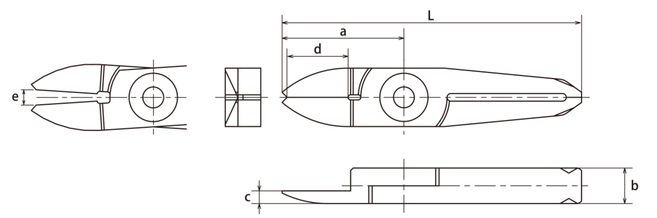


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902363	NT03AJT	24	7	2.3	11	3	59	19	Special alloy steel	GT-NT03 type
902364	NT05AJT	29	7	3	15	6	65	29	Special alloy steel	GT-NT05 type
902365	NT10AJT	35	9	4	17	7	82	65	Special alloy steel	GT-NT10 type

AJY 切塑料避位薄刀 Thin, straight blades for plastic Plastic

Plastic

AJY/ 用于浇口空间狭小场合
AJY/ This is effective when the width between the opposing gates is too short and the thickness of the blades will not go in.





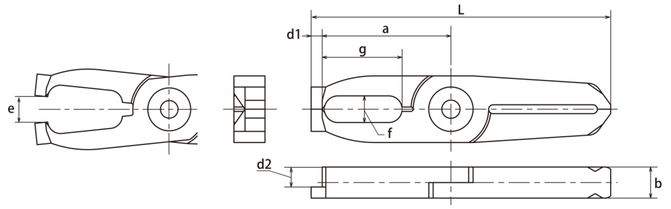
No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902366	NT03AJY	24	7	2.5	11	3	59	19	Special alloy steel	GT-NT03 type
902367	NT05AJY	29	7	5	15	6	65	29	Special alloy steel	GT-NT05 type
902368	NT10AJY	35	9	4	17	7	72	82	Special alloy steel	GT-NT10 type

NT 系列用刀头 Slide-off air nipper vertical-type blades

AD 切塑料段差刀头 Lift blades for plastic Plastic

Plastic

AD/ 用于处理多角度浇口
AD/ This is used for batch processing of the three-dimensional gate such as ride gate.



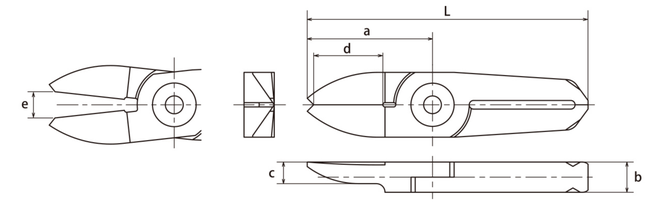


No.	Model	Size (mm) a	b	f×g	d1 (mm)	d2 (mm)	e (mm)	L (mm)	Weight (g)	Material	Application model
902369	NT05AD	31.5	7	6×18	2.5	4.5	6	67.5	37	Special alloy steel	GT-NT05 type
902370	NT10AD	39	9	8×21.5	4	5	7	86	65	Special alloy steel	GT-NT10 type
902371	NT20AD	46	12	9×24.5	6	7	9	103	141	Special alloy steel	GT-NT20 type

AJV 切塑料V型直刀 V shaped straight blades for plastic Plastic

Plastic

AJV/用于切割曲面浇口
AJV/ This is suitable for gate processing when the cross section is curved or the cut end must not be left.



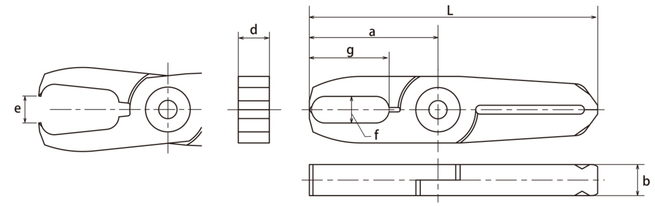


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902372	NT05AJV	29	7	5	15	6	65	29	Special alloy steel	GT-NT05 type
902373	NT10AJV	35	9	6	17	7	82	63	Special alloy steel	GT-NT10 type

AE 切塑料钳子式刀头 Nipping blades for plastic Plastic

Plastic

AE/用于切割 抛式浇口
AE/ Used for processing plastic gates such as ride gates and discard gates.

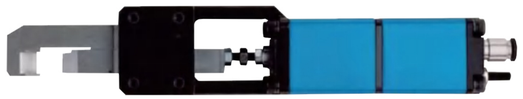


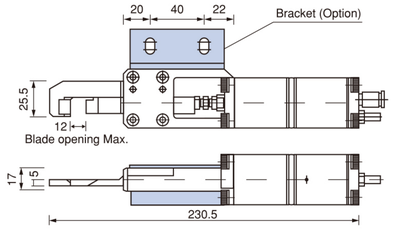


No.	Model	Size (mm) a	b	f×g	d	e	L	Weight (g)	Material	Application model
902374	NT05AE	29	7	6×18	7	6	65	36	Special alloy steel	GT-NT05 type
902375	NT10AE	35	9	8×21.5	9	7	82	75	Special alloy steel	GT-NT10 type

Thrust-Cut Air Nipper
气动推刀 GT-NK10 Thrust-Cut Air Nipper

NK





此系列气动推刀采用高精度驱动，可以使薄状产品的切割面更加平整。
These nippers are equipped with a foot switch and are linked to high precision drivers, enabling the cutting of film-shaped gates from the thin end, preventing wrinkles around the cut.

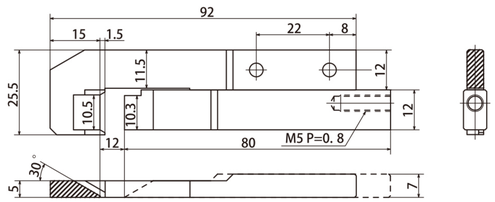
Capacity ϕ (mm) ABS Plastic	No.	Model	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Applied Pressure (N)	Spec. & Size of the Hose Port
5	902401	**GT-NK10**	110	0.4~0.5	800	735	Hose I.D. ϕ2.5×O.D. ϕ4mm

・Hose Coupling: I.D. ϕ4 × O.D. ϕ6 mm ・Piston stroke…Max.12 mm

推刀刀头 Thrust-Cut Air Nipper blades

NK10AJ — 气动推力切割刀头 Thrust-Cut Air Nipper blades Plastic — **Plastic**

配合GFNK10本体使用
This is a dedicated set of blades for GT-NK10. Suitable for processing of film gates attached to robot hands





No.	Model	Size (mm)	Shape	O.A.L. (mm)	Weight (g)	Material	Application model
902402	NK10AJ	As above	For metal cutting (Knife type)	95	96	Special alloy steel	GT-NK10

相关组件 Related items
GT-TC-02 Timing Controller

TC



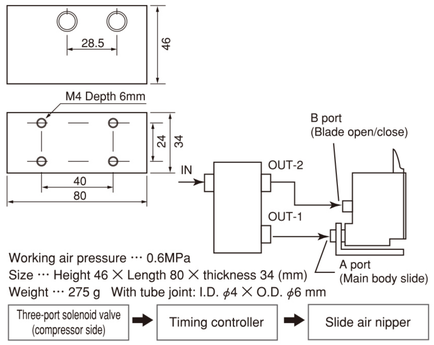
可以调控引拔和剪切的时间差
（大约是0.5秒和1.5秒之间）

Connected between the compressor and the air nippers, the timing controller enables adjustments to the slide and cutting timing. (Approximately 0.5 seconds to 1.5 seconds)

Connectable nippers (Reference)

No. GT-	NY05	NY10	NY15	NY25	NT03	NT05	NT10	NT20	NB20	NB30	NB20LW	NB30LW
Connectable unit	4	3	1	1	6	4	2	1	2	1	2	1

(pcs)

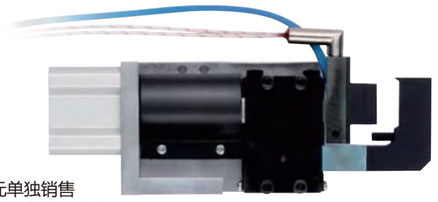


气动加热推刀 GT NKH20A/20AR Heat Air Nippers (Air Hydro Type)

NKH

通过压缩空气和油的双重驱动，使剪刀更加稳定。
常用于光学树脂镜片的切割。

Air-hydro cylinders produce high power from air and oil. These units are ideal for high precision cuts required for products such as optical resin lenses.



液压控制单元单独销售
刀片长度和气缸容量可定制
・Requires separately sold Hydro Controller.
・Custom-made blade lengths and cylinder capacities available.

Model No.	Cutting Capacity ϕ (mm) Acril	Blade Edge Temp. (MAX ℃)	Cutting Cycle (sec/cut)	Air Consumption (cm³/str.)	Piston Stroke (mm)	Weight (g)
GT-NKH20A-25/20AR-25	Thickness 1.5 Width 10	180	4～5	60	10	720

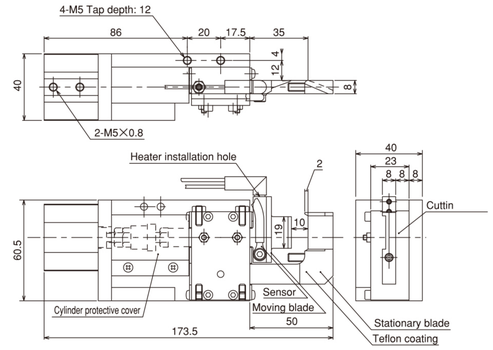
・Included heater: HTL-28.5-6.25-300L 80W1H (80W/100V) Cord length300mm Recommended temp. 140℃
・Included temperature sensor: SNO300L Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Recommended temp. 140℃ Cord length 1,000mm
・Air Pressure: 0.6MPa ・Working air hose inner diameter: 4mm
※200V/240V heaters are also available to order.

Blades Specifications

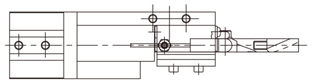
Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
Special Alloy Steel	Knife type (resin)	10	19	125

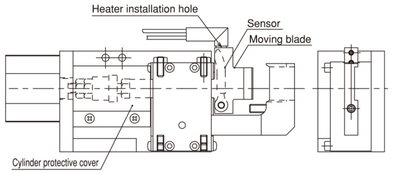
Option Parts
・Hydro-converter (Recommended: KOGANEI AHC 32×50)
Working fluid: Petroleum hydraulic fluid or turbine oil with antifoaming agent additive (VG22～100)
・Temperature controller (DTC-001)

GT-NKH20A-25 (Forward-facing blades)



GT-NKH20AR-25 (Backward-facing blades)





气动加热推刀 GT-NKH10 Heat Air Nippers

NKH

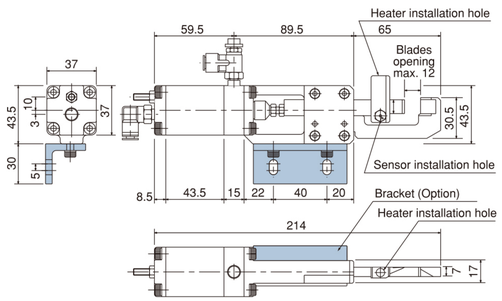
对于非常高精度的切割要求
切割速度的控制和加热温度的改变是影响切削表面的主要因素
Speed control of cut speed and heater temperature allows for variable cutting surface solutions for extremely high precision cutting demands.



Model No.	Cutting Capacity ϕ (mm) Acril	Blade Edge Temp. (MAX ℃)	Cutting Cycle (sec/cut)	Air Consumption (cm³/str.)	Piston Stroke (mm)	Weight (g)
GT-NKH10	Thickness 1.5 Width 7	200	4～5	73	12	715

・Included heater: 80W/120V Cord length: 300mm
・Included temperature sensor: Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Cord length: 1,000mm
・Air Pressure: 0.4～0.5MPa

Option Parts ・Temperature controller (DTC-001)



Blades Specifications

Model No.	Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
NKH10AJ/NKH10RAJ	Special Alloy Steel	Knife type (resin)	12	10	137

加热气动剪刀 Heat Air Nippers

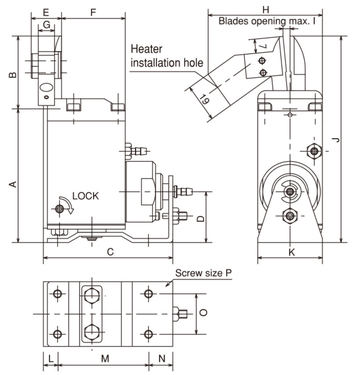
GT-NTH05/10 Heat Air Nippers (Vertical sliding type)

NTH

有一个刀头是固定的，方便浇口对位置，
引拔牵引方便产品定位。

One blade is fixed in position,
facilitating easy gate alignment.
In addition, a slide function presses
the product into position.





Model No.	Cutting Capacity ϕ (mm) Acril	Blade Edge Temp. (MAX ℃)	Cutting Cycle (sec/cut)	Air Consumption (cm³/str.)	Slide Distance (mm)	Weight (g)	Dimensions (mm) A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
GT-NTH05	2.5	200	4～5	47	0～3	325	66.1	36	64	25.1	15	31.5	8	56.5	3.5	102.1	32	7	45	12	20	M4
GT-NTH10	3.5	200	4～5	82	0～3	515	83	47	73	29	16.2	37.5	8	63	4.5	130	38	8	53	12	24	M4

・Included heater: 80W/120V Cord length: 300mm
・Included temperature sensor : Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Cord length: 1,000mm
・Air Pressure: 0.4～0.5MPa

Blades Specifications

Model No.	Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
NTH05AJ	Special Alloy Steel	Nipper type (resin)	3.5	15	40
NTH10AJ	Special Alloy Steel	Nipper type (resin)	4.5	17	88

HTH type blade weight does not include heater and sensor.

Option Parts ・Temperature controller (DTC-001)

温度控制器 Temperature Controller

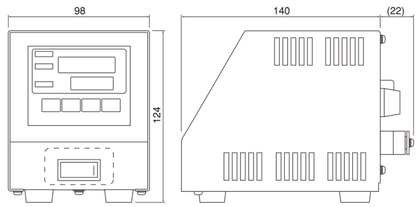
DTC-001 Benchtop Temperature Controller

DTC

加热元件可以直接连接到主机上,节省了布线安装工作中的麻烦，任何时间设备能够很容易地进行工作地点改变.

The heating element can be connected directly to the main unit, a useful feature that saves labor during wiring installation. Compact construction enables the unit to be easily carried, allowing for changing the work site at any time.





订货时请告知我们加热推刀的型号
Please inform us of the product number of the heat nipper when placing an order.

Model No.	Temperature range Thermocouple K (℃)	Power supply (V)	Power consumption (with 100 VAC input)	Ambient temperature and humidity (℃)	Protection fuse	Weight (g)
DTC-001	0～200	AC100～240	Approx. 3W (Approx. 5VA) (With no load)	0～40 RH35～85% (No condensing)	One 15A fuse is incorporated.	900

※Please ensure the input voltage in prior to operation as it is directly connected to the heater.

Option Parts ・Power supply cable : Model No. DTC-001-□-□

1st □: 1 Cable for connection to the terminal block is necessary to be included.
□: (N/ A) Cable not necessary.

2nd □: A 2m power cable w/ Japanese type plug (A-type)
C 2m power cable w/ European type plug (C-type)
□: (N/ A) Cable not necessary.

气动剪刀（剪切和压接）
Air Nippers For Cutting and Crimping

高剪切力场合
剪切直径23mm至75 mm尺寸范围内圆柱产品
此型号在切割和压接场合广泛使用

A tough body for hard jobs.
With a frame diameter range of 23mm to 75mm, this product line was developed by piston size.
These models are ideal for a broad spectrum of cutting and crimping work.



气动剪刀本体 GT-NS2/3/5/7/10L/20/30 Square Air Nippers

NS

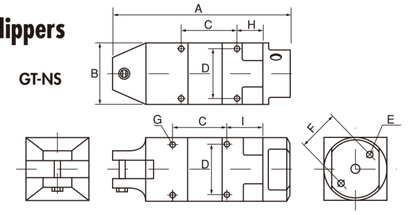
VESSEL提供大量切割所需要的刀头
包括剪切树脂浇口及焊接焊点

VESSEL provides a generous selection of blades
for all wire cutting needs, including resin product gate cuts
and automatic welding equipment.



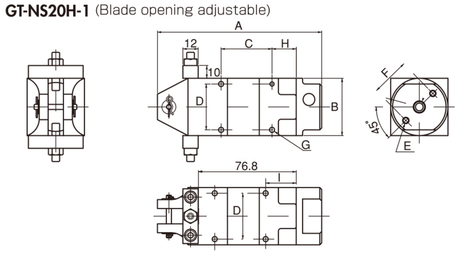

- 主体可180度旋转
- 提供2组进气口。进气口位置可随意调换
- The main body end is 180° rotatable.
- Two suction (intake) ports are provided, and so the suction position can be optionally changed depending on the mounting place.

GT-NS



Customization

GT-NS20H-1 (Blade opening adjustable)



Capacity φ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	A	B	C	D	E	F	G	H	I	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
		1.0	0.5	902501	**GT-NS2**	109	20	40	16	—	—	M3 Depth4	19	24	35	0.4～0.5	85	Rc1/8
2.0		1.0	0.5	902502	**GT-NS3**	110	23	40	19	M3 Depth8	17	M3 Depth3.5	19	24	45	0.4～0.5	95	
2.0		1.0	0.5	902503	**GT-NS5**	94	30	30	24	M4 Depth10	20	M3 Depth5	14	19	64	0.4～0.5	135	
3.0	2.0	1.6	1.0	902504	**GT-NS7**	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	116	0.4～0.5	215	
4.0	2.6	1.8	1.2	902505	**GT-NS10L**	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	116	0.4～0.6	215	
7.0	5.0	2.6	2.0	902506	**GT-NS20**	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	230	0.5～0.6	370	
10.0	6.5	3.3	2.8	902507	**GT-NS30**	170	56	60	46	M6 Depth12	40	M5 Depth10	20	30	584	0.5～0.6	685	
7.0	5.0	2.6	2.0	902508	**GT-NS20H-1**	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	230	0.5～0.6	455	

・Air hose inner dia. : 5mm ・Overall length/Weight: Accessories not included.

※Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia.(screw to screw) dimensions, etc.)
※Model GT-NS50 is a special order item. Please contact VESSEL for details.

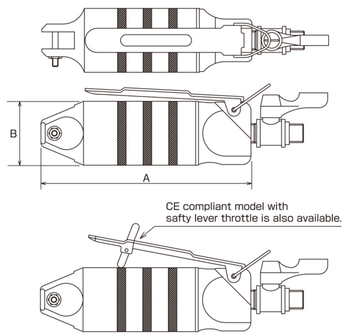
手动式气动剪刀 GT-N3/5/7/10/12/20/30/50 Hand Held Air Nippers

N

VESSEL为所有需求范围提供刀片的特殊订制
可以更安全，更高效的工作，减少疲劳

VESSEL's special order blades provide solutions for a virtually
unlimited range of needs, leading to safer,
and more efficient work with less fatigue.



・N20, N30 and N50 have the air cock.

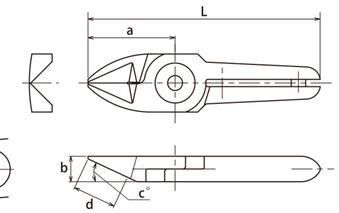
Capacity φ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	Size (mm) A	B	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Body	Hose coupling
2.0		1.0	0.5	902509	**GT-N3**	112	23	45	0.4～0.5	95	Rc1/8	R1/4
2.0		1.0	0.5	902510	**GT-N5**	103	30	64	0.4～0.5	135	Rc1/8	
3.0	2.0	1.6	1.0	902511	**GT-N7**	123	34	116	0.4～0.5	180	Rc1/4	
4.0	2.6	1.8	1.2	902512	**GT-N10**	132	34	116	0.4～0.5	185	Rc1/4	
4.5	4.0	2.3	1.7	902513	**GT-N12**	142	36	116	0.5～0.6	210	Rc1/4	
7.0	5.0	2.6	2.0	902514	**GT-N20**	156	45	230	0.5～0.6	375	Rc1/4	
10.0	6.5	3.3	2.8	902515	**GT-N30**	193	56	584	0.5～0.6	625	Rc1/4	
		5.5	4.5	902516	**GT-N50**	237	75	1,170	0.5～0.6	1,220	Rc1/4	

・Hose coupling: R 1/4 ・Air hose inner dia. : 5mm ・Overall length: Accessories, Hunger not included. ・Weight: Accessories not included.

Blade is c Blade is optional.

AS/HS 切金属角度刀头 Standard — Plastic

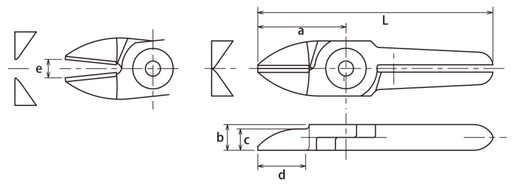
AS/标准型号 用于切割铜 线和不锈钢线， HS/特殊合金钢制刀头
AS/ Standard type. This is a general set of blades used for cutting copper wire and steel wire. HS/ Improved durability with brazed high-speed steel.




No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902601	N5AS	24	7	25	12	4	64	40	Special alloy steel	GT-N5 / NS5 / NR 5
902602	N5HS	24	7	25	12	4	64	40	High Speed Steel	GT-N5 / NS5 / NR 5
902603	N7AS	27	9	30	13.5	4	81	80	Special alloy steel	GT-N7 / NS7 / NR 7
902604	N7HS	27	9	30	13.5	4	81	80	High Speed Steel	GT-N7 / NS7 / NR 7
902605	N10AS	27	9	30	13.5	5	91	85	Special alloy steel	GT-N10
902606	N10HS	27	9	30	13.5	5	91	85	High Speed Steel	GT-N10
902607	N10LAS	35	12	30	20	5	89	120	Special alloy steel	GT-NS10L / NR10 L
902608	N12AS	35	12	30	20	5	105	135	Special alloy steel	GT-N12
902609	N12HS	35	12	30	20	5	105	135	High Speed Steel	GT-N12
902610	N20AS	35	12	30	20	9	95	140	Special alloy steel	GT-NS20 / NR20 / N2 0
902611	N30AS	43	17	30	25	9	127	370	Special alloy steel	GT-NS30 / NR30 / N3 0

BJ 切金属直刀头 Straight blades for metals — Plastic

BJ/ 金属垂直切削刃刀片
BJ/ This is a set of vertical blades with an unbeveled cutting edge for metal.

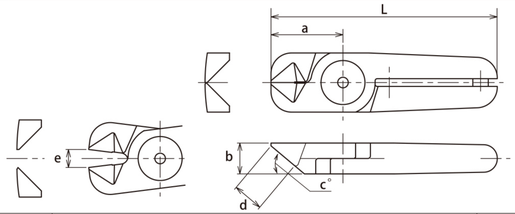



No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902612	N5BJ	24	7	5.8	13	4	64	40	Special alloy steel	GT-N5 / NS5 / NR 5
902613	N7BJ	27	9	7.5	13	5	81	75	Special alloy steel	GT-N7 / NS7 / NR 7
902614	NW10BJ	30	9	6	14	5	85	76	Special alloy steel	GT-NWR10 / NWS1 0
902615	NW20BJ	40	12	6	21.5	8	100	142	Special alloy steel	GT-NWR20 / NWS2 0
902616	NW30BJ	55	17	8	29.5	11	140	367	Special alloy steel	GT-NWR30

AG 切金属角度短刀头 Powerful cutting blades — Plastic

AG/标准短刃的刀头，因为消减了刀头的底部，因此增大了刀头的压力，

AG/ This is a set of blades with increased strength with a shorter cutting edge than the standard type. Increases the pressure because it cuts at the base of the blades.




No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902617	N20AG	28	12	40	12	7	88	135	Special alloy steel	GT-NS20 / NR20 / N2 0
902618	N20HS	26	12	40	10	7	86	135	High Speed Steel	GT-NS20 / NR20 / N2 0

剪切金属用刀头 Air nipper standard blades for metal

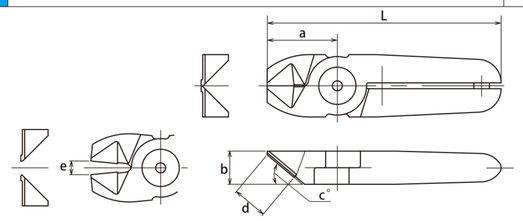
BBB

切金属硬质合金角度刀头 Powerful cutting blades with carbide tips

BBB /硬质合金刀头用于切割高硬度钢丝和钢丝绳。
BBB/ With carbide tips suitable for cutting hard wire such as high steel wire and piano wire.

Metal







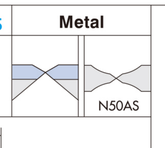
No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902619	N30BBB	36	17	40	18	7	120	365	Sintered Alloy	GT-NS30 / NR30 / N3 0
902620	N50BBB	46	25	35	19	9	166	955	Sintered Alloy	GT-NR50 / N5 0

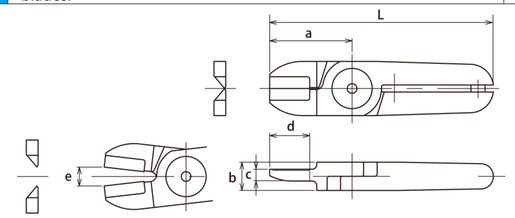
BFB/AS

切金属硬质合金刀头 Clipper blade swith carbide tips

BFB / 用于切割金属丝和薄管。 AS/标准型刀片。
BFB/ The shape is clipper type. With carbide tips, suitable for cutting metal wire and thin pipe. AS/ Standard clipper type blades.

Metal







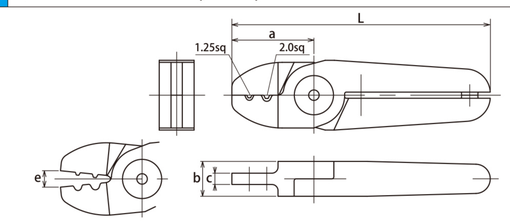
No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902621	N20BFB	35	12	5	17	8	95	150	Sintered Alloy	GT-NS20 / NR20 / N2 0
902622	N50AS	60	25	10	30	11	180	950	Special alloy steel	GT-NR50 / N5 0

ACD

压线端子钳 Crimp edge for solderless terminals

ACD /压线端子刀片。（夹持端子1.25平方/ 2平方）
ACD/ This is a set of blades for crimping solderless terminals.
(Bare terminal 1.25 sq/2.0 sq)

Metal





No.	Model	Size (mm) a	b	c	e	L	Weight (g)	Material	Application model
902623	N30ACD	40	17	5.5	8	126	335	Special alloy steel	GT-NS30 / NR30 / N3 0

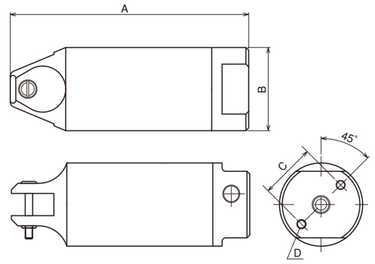
Air nippers

气动剪刀本体 GT-NR3/5/7/10L/20/30/50 Air Nipper Round-Type without Lever

NR







- 主体可180度旋转
- 提供2组进气口。进气口位置可随意调换

· The main body end is 180° rotatable.
· Two suction (intake) ports are provided, the suction position can be optionally changed depending on the mounting plate.

Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	Size (mm) A	B	C	D	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
2.0		1.0	0.5	902701	**GT-NR3**	110	23	17	M3 Depth8	45	0.4～0.5	70	
2.0		1.0	0.5	902702	**GT-NR5**	94	30	20	M4 Depth10	64	0.4～0.5	110	
3.0	2.0	1.6	1.0	902703	**GT-NR7**	113	34	22	M4 Depth10	116	0.4～0.5	150	
4.0	2.6	1.8	1.2	902704	**GT-NR10L**	113	36	24	M4 Depth10	116	0.4～0.6	215	Rc1/8
7.0	5.0	2.6	2.0	902705	**GT-NR20**	129	45	30	M5 Depth12	230	0.5～0.6	280	
10.0	6.5	3.3	2.8	902706	**GT-NR30**	165	56	40	M6 Depth12	584	0.5～0.6	505	
12.0	6.5	5.5	4.5	902707	**GT-NR50**	222	75	50	M8 Depth12	1,170	0.5～0.6	1,190	

·Air hose inner dia. : 5mm ·Overall length/Weight: Accessories not included.

※Before mounting of exclusive/automatic machines, check the following product dimensions. (Frame O.D., screw dia. (screw to screw) dimensions, etc.)

Air nippers

双控制气动剪刀 GT-NWR1/10/20/30 GT-NWS1/10/20 Double Action Air Nippers

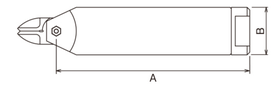
Patented

NWR·NWS

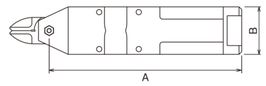
刀片开启和关闭由空气活塞驱动，
在本体中没有弹簧机构有利于维护操作

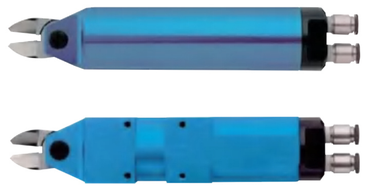
Blade opening and closing is air piston driven.
Having no spring mechanism in the main unit facilitates maintenance operations.

GT-NWR



GT-NWS





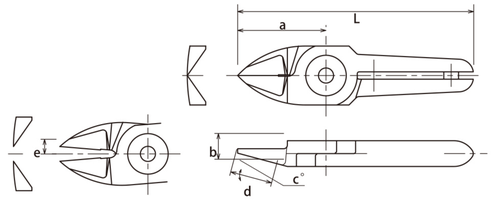
No.	Model	Capacity ϕ (mm) Copper	Steel	ABS Plastic	Air Consumption (cm³/str.)	Applied Pressure (N)	Air Pressure (MPa)	Size (mm) A	B	Weight (g)
Double Action Air Scissors (Round Type without Lever)										
902708	**GT-NWR1**	1.0	0.5	2.0	45	294	0.4～0.5	95	ϕ 20	116
902709	**GT-NWR10**	1.8	1.2	4.0	116	588	0.4～0.5	146	ϕ 36	280
902710	**GT-NWR20**	2.6	2.0	6.5	230	1,372	0.5～0.6	165	ϕ 45	523
902711	**GT-NWR30**	3.3	2.8	9.5	584	2,744	0.5～0.6	216	ϕ 56	980
Double Action Air Scissors (Square Type)										
902712	**GT-NWS1**	1.0	0.5	2.0	45	294	0.4～0.5	95	23×20	116
902713	**GT-NWS10**	1.8	1.2	4.0	116	588	0.4～0.5	146	36×36	356
902714	**GT-NWS20**	2.6	2.0	6.5	230	1,372	0.5～0.6	165	45×45	610

AP 切塑料角度刀头 For plastic

Plastic

AP/切塑料用 标准刀头。

AP/ This is a standard set of blades used to cut plastic. A broad, gentle curve is provided in the cross section for gate processing where the cut end must not be left. (The cutting edge is curved.)





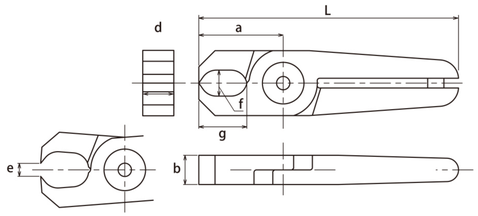
No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902715	N5AP	24	7	15	11.5	4	64	40	Special alloy steel	GT-N5 / NS5 / NR 5
902716	N7AP	27	9	30	11.5	4	81	80	Special alloy steel	GT-N7 / NS7 / NR 7
902717	N10AP	27	9	30	11.5	5	91	85	Special alloy steel	GT-N10
902718	N10LAP	35	12	15	16	5	89	120	Special alloy steel	GT-NS10L / NR10L
902719	N12AP	35	12	15	16	5	105	135	Special alloy steel	GT-N12
902720	N20AP	35	12	15	16	11	95	125	Special alloy steel	GT-NS20 / NR20 / N2 0
902721	N30AP	66	17	15	38	16	150	380	Special alloy steel	GT-NS30 / NR30 / N3 0

AE 切塑料钳式刀头 Nipping blades for plastic

Plastic

AE/ 用于切割抛式塑料浇口

AE/ Used for processing plastic gates such as ride gates and discard gates.





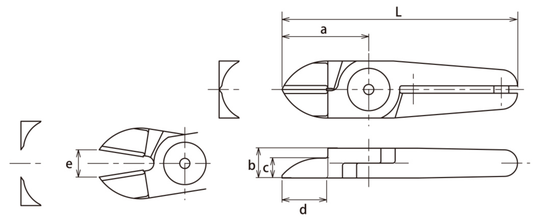
No.	Model	Size (mm) a	b	f×g	d	e	L	Weight (g)	Material	Application model
902722	N5AE	20	7	6× 6.6	7	3.5	60	40	Special alloy steel	GT-N5 / NS5 / NR5
902723	N7AE	26	9	8×14.8	9	4	80	85	Special alloy steel	GT-N7 / NS7 / NR7
902724	N20AE	28	12	10×15.5	12	8	88	135	Special alloy steel	GT-NS20 / NR20 / N2 0
902725	N30AE	45	17	13×28	17	12	129	395	Special alloy steel	GT-NS30 / NR30 / N3 0

AJ 切塑料直刀头 Thin, straight blades for plastic

Plastic

AJ/ 用于切割直角塑料浇口

AJ/ This is a set of vertical blades with an unbeveled cutting edge for plastic. You can apply it at a right angle to the gate.





No.	Model	Size (mm) a	b	c	d	e	L	Weight(g)	Material	Application model
902726	NW10AJ	30			14	5		76	Special alloy steel	GT-NWR10 / NWS10
902727	N20AJ	35	12	8	18	11	95	125	Special alloy steel	GT-NS20 / NR20 / N2 0
902728	N20AJB	35	12	8	18	11	95	125	Sintered Alloy	GT-NS20 / NR20 / N2 0
902729	NW20AJ	40			21.5	8		142	Special alloy steel	GT-NWR20 / NWS20
902730	N30AJ	52	17	8	28	11	136	370	Special alloy steel	GT-NS30 / NR30 / N3 0
902731	NW30AJ	55			29.5	8		368	Special alloy steel	GT-NWR30

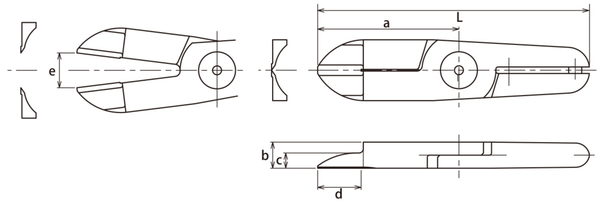
切塑料用刀头 Air nipper standard/quasi-standard blades for plastic

AJL/ Quasi-standard products 切塑料加长直刀 Straight long blades for plastic

Plastic

AJL/长型刀头，.用 于切割处有产品干涉的工件
N30AJL163 对宽浇口剪切更加有用

AJL/ This is a long type set of straight blades. This is suitable when there is distance between the nippers and the gate cut portion of the workpiece. N30AJL163 is useful for wide gate processing





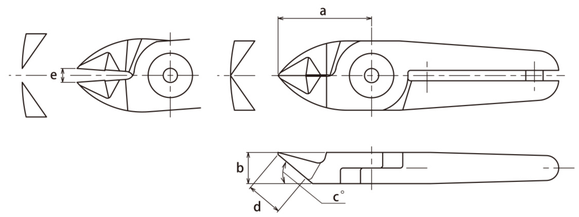
No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902732	N10LAJ141	61	12	7	34	10	115	165	Special alloy steel	GT-NS10L/ NR10L
902733	N20AJL	65	12	7	20	16	125	230	Special alloy steel	GT-NS20 / NR20 / N2 0
902734	N20AB39	61	12	7	36	14	121	185	Special alloy steel	GT-NS20 / N2 0
902735	N30AJ163	65	17	7	41	17.5	149	355	Special alloy steel	GT-NS30 / NR30 / N3 0
902736	N30AJL	75	17	8	25	19	159	470	Special alloy steel	GT-NS30 / NR30 / N3 0

PF 切塑料角度刀头 Flat blades for plastic

Plastic

PF /用于切割塑料 浇口。此刀头拥有更大的角度。

PF/ This is a set of blades for cutting the cut end fiat for plastic. A large R is provided in the cross section for gate processing where the cut end must not be left.





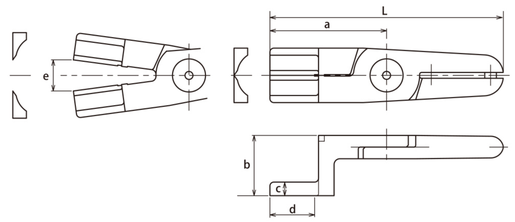
No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902737	N7PF	27	9	40	10.5	4	81	80	Special alloy steel	GT-N7 / NS7 / NR7
902738	N10LPF	35	12	40	13.5	5	89	120	Special alloy steel	GT-NS10L / NR10L
902739	N20PF	35	12	40	13.5	11	95	130	Special alloy steel	GT-NS20 / NR20 / N2 0
902740	N30PF	58	17	30	25	15	142	390	Special alloy steel	GT-NS30 / NR30 / N3 0

AH 切塑料避位刀头 Crank blades for plastic

Plastic

AH/ 可以有效的避开浇口面的障碍物。(可定制非标型号)

AH/ This is a set of blades with a crank cutting edge for plastic. It is efiective when there are obstructions or the gate is narrow.





No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902741	N20AH	60	31	7	23	16	120	240	Special alloy steel	GT-NS20 / NR20 / N2 0

气动剪刀

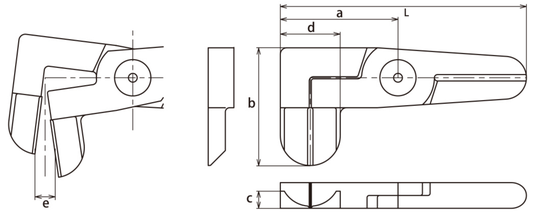
切塑料用刀头 Air nipper standard/quasi-standard blades for plastic

AMR/AML — 切塑料90度转角刀头 Laterally facing blades for plastics — Plastic

AMR/AML 此系列为90度的转角刀片。用于空间狭小的场合

AMR/AML This is a set of blades for plastic where the ML cutting edge is bent 90 degrees. It is useful when restricted to confined spaces hard for the nipper to get into.

AML AMR



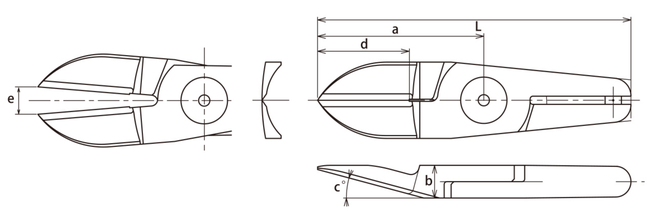


No.	Model No.	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902742	N20AML1498	55	55	8	26	9.5	115	270	Special alloy steel	GT-NS20 / NR20 / N2 0
902743	N20AMR1499	55	55	8	26	9.5	115	270	Special alloy steel	GT-NS20 / NR20 / N2 0

Quasi-standard products — 切塑料圆弧面刀头 R blades for plastic — Plastic

用于浇口末端为弧面的情况下。

A large R is provided in the cross section for gate processing where the cut end must not be left. An angled blades can be selected in accordance with the installation angle of the main unit.



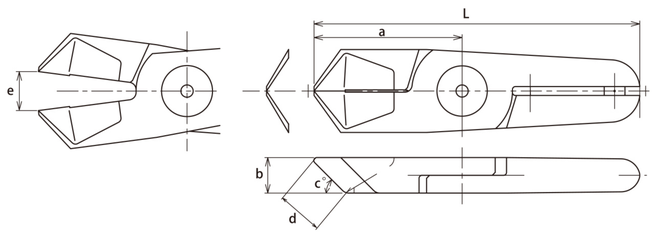


No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902744	N10LAB152	61	12	15	35	10	115	165	Special alloy steel	GT-N10 / NS10
902745	N20AA27	45	12	23	25	12	105	145	Special alloy steel	GT-N20 / NS20
902746	N20AA239	52.3	12	40	27	14	112.3	195	Special alloy steel	GT-N20 / NS20
902747	N20AB360	61	12	15	35	16	121	185	Special alloy steel	NGT-20 / NS20
902748	N30AA114	76.3	17	30	50	20	160.3	385	Special alloy steel	GT-N30 / NS30 / NR30

Quasi-standard products — 切塑料角度钳式刀头 Angled nipping blades for plastic — Plastic

AE/用于切割抛式塑料浇口

AE/ Used for processing plastic gates such as ride gates, discard gates. The cutting edge is angled so that the main unit can set up diagonally.





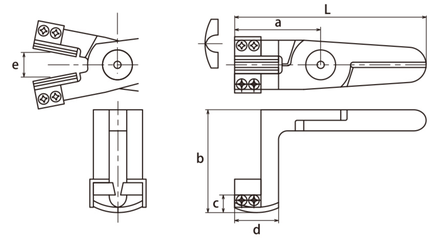
No.	Model	Size (mm) a	b	c(°)	d	e	L	Weight (g)	Material	Application model
902749	N20AE19	50	12	45	13	13	110	200	Special alloy steel	GT-NS20 / NR20 / N2 0
902750	N30AE53	65	17	65	18.5	16	149	440	Special alloy steel	GT-NS30 / NR30 / N3 0

Air nipper quasi-standard blades for plastic A

Quasi-standard products — 带有浇口夹取功能的避位刀头① Comes with sprue chuck function① — Plastic

在切割过程中，同时能够夹取浇口，因此也能提升切割的稳定性

Mainly in gate processing for direct gates, the sprue is caught with urethane rubber. A large R i s provided in the cross section for gate processing where the cut end must not be left.



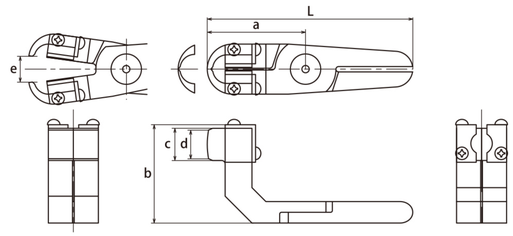


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902751	N20AH533	49	58.5	10	25	14	109	280	Special alloy steel	GT-N20 / NS20 / NR2 0

Quasi-standard products — 带有浇口夹取功能的避位刀头 ② Comes with sprue chuck function② — Plastic

在切割过程中，同时能够夹取浇口，因此也能提升切割的稳定性

Mainly in gate processing for direct gates, the sprue is caught with urethane rubber. A large R is provided in the cross section for gate processing where the cut end must not be left.



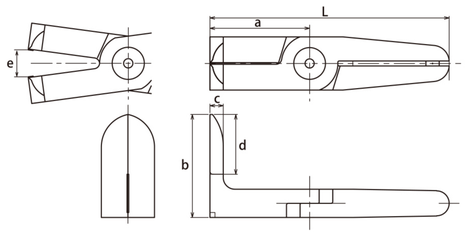


No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902752	N20AH152	55	53	18	16	15	115	330	Special alloy steel	GT-N20 / NS20 / NR2 0

Quasi-standard products — 切割塑料L型转角刀头 L blades fors prue cut — Plastic

此系列是一个具有90度角的直刃型刀头。

This is an angled long type straight set of blades with a 90-degree angle. Ideal for direct gate cut.





No.	Model	Size (mm) a	b	c	d	e	L	Weight (g)	Material	Application model
902753	N30AL525	60	62	8	36	16	144	520	Special alloy steel	GT-N30 / NS30 / NR3 0

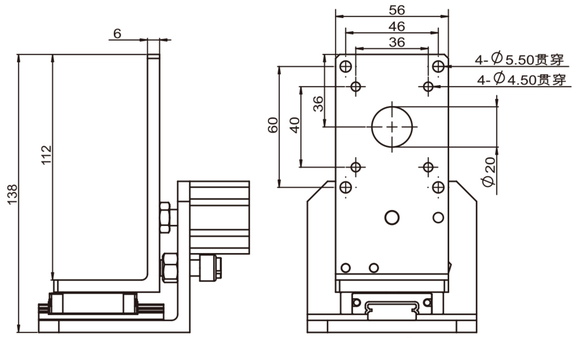
引拔座 Slide-Off Air Nipper Bracket-Type

NT

在每个切割中已经实现了
平稳，连续的滑动。

It has achieved smooth,
continuous slide movement even
for large diameter gate cuts,
which produce a large shock
at each cut.



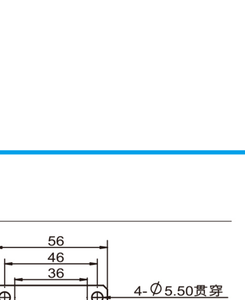




货号 No. 907001
型号 Model DNT-2010-B



货号 No. 907002
型号 Model DNT-2010SM



货号 No. 907003
型号 Model DNT-2010TM

运用实例 / Application example



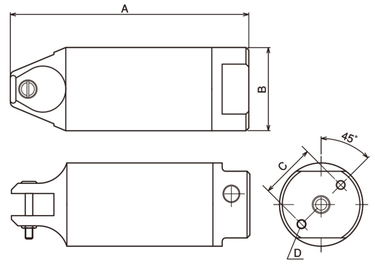


Air nippers

DLA圆形气动剪刀本体 NR20-P/NR30-P Air Nipper Round-Type without Lever

NR





提供2组进气口。进气口位置可随意调换

- 主体可180度旋转
- 提供2组进气口。进气口位置可随意调换

· The main body end is 180° rotatable.
· Two suction (intake) ports are provided, the suction position can be optionally changed depending on the mounting plate.

Capacity ϕ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	Size (mm) A	B	C	D	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
7.0	5.0	2.6	2.0	903151	DNR20-P	129	45	30	M5 Depth12	230	0.5~0.6	280	Rc1/8
10.0	6.5	3.3	2.8	903152	DNR30-P	165	56	40	M6 De th12	584	0.5~0.6	505	

·Air hose inner dia. : 5mm ·Overall length/Weight: Accessories not included.

※Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia.(screw to screw) dimensions, etc.)

Air Nippers

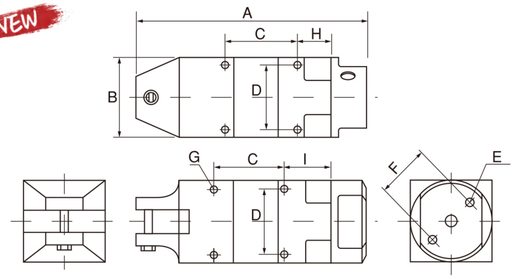
DLA方形气动剪刀本体 NS20-P/NS30-P Square Air Nippers

NS

VESSEL提供大量切割所需要的刀头
包括剪切树脂浇口及焊接焊点

VESSEL provides a generous selection of blades
for all wire cutting needs, including resin product gate cuts
and automatic welding equipment.





- 主体可180度旋转
- 提供2组进气口。进气口位置可随意调换

· The main body end is 180° rotatable.
· Two suction (intake) ports are provided, and so the suction positi
can be optionally changed depending on the mounting place.

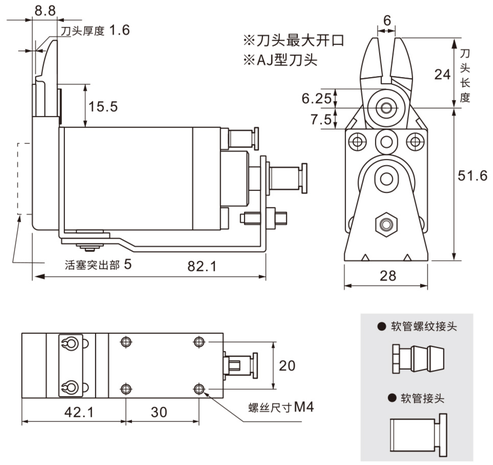
Capacity ϕ (mm) Soft Plastic	Hard Plastic	Copper	Steel	No.	Model	Size (mm) A	B	C	D	E	F	G	H	I	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
7.0	5.0	2.6	2.0	903155	DNS20-P	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	230	0.5~0.6	370	Rc1/8
10.0	6.5	3.3	2.8	903156	DNS30-P	170	56	60	46	M6 Depth12	40	M5 Depth10	20	30	584	0.5~0.6	685	

·Air hose inner dia. : 5mm ·Overall length/Weight: Accessories not included.

※Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia.(screw to screw) dimensions, etc.)
※Model GT-NS50 is a special order item. Please contact VESSEL for details.

卧式带引拔气动剪刀 DL-NY10/10R Slide-Off Air Nippers Horizontal-Type



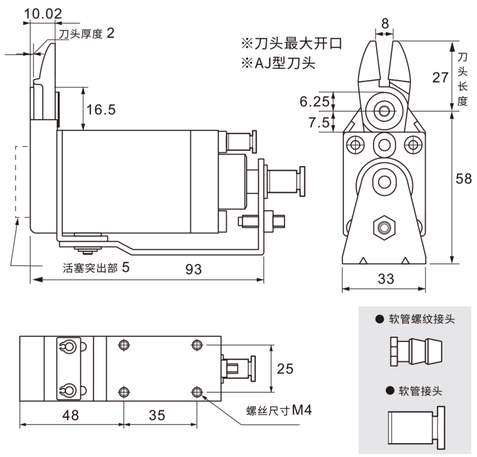


水平滑动使空间能够有效地使用
主单元的低轮廓允许在不妨碍操作的过程中被移除
The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed
without obstructing the operations of the chuck plate.

货号No.	型号Model	品牌	重量Weight
903120	DL-NY10	DLA	213g
903121	DL-NY10R	DLA	213g

卧式带引拔气动剪刀 DL-NY15/15R Slide-Off Air Nippers Horizontal-Type



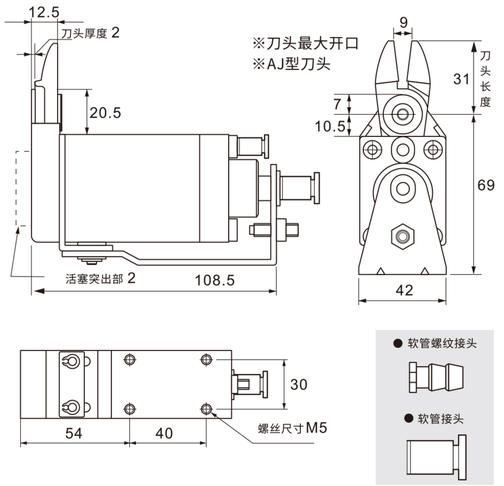


水平滑动使空间能够有效地使用
主单元的低轮廓允许在不妨碍操作的过程中被移除
The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed
without obstructing the operations of the chuck plate.

货号No.	型号Model	品牌	重量Weight
903122	DL-NY15	DLA	328g
903123	DL-NY15R	DLA	328g

卧式带引拔气动剪刀 DL-NY25/25R Slide-Off Air Nippers Horizontal-Type

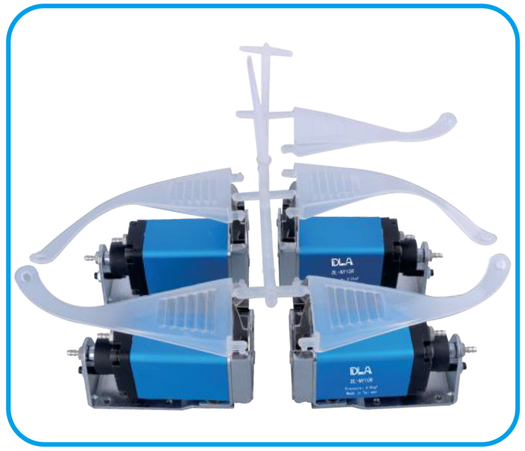




水平滑动使空间能够有效地使用
主单元的低轮廓允许在不妨碍操作的过程中被移除
The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed
without obstructing the operations of the chuck plate.

货号No.	型号Model	品牌	重量Weight
903124	DL-NY25	DLA	567g
903125	DL-NY25R	DLA	567g

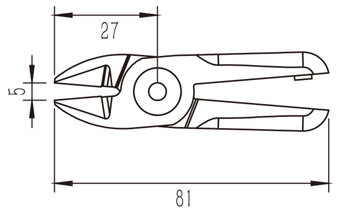
运用实例 / Application example





F3

货号No.	型号Model	品牌Brand	重量Weight
904110	F3	QUICHER	82g

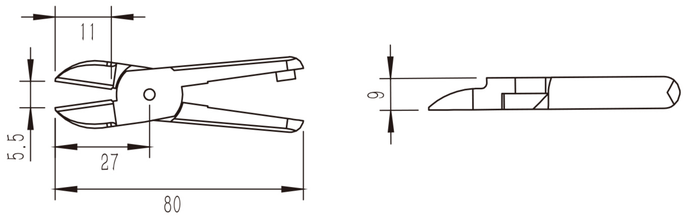




适配本体:DL-NR10
Adaptive ontology DL-NS10
HS-10

F3S

货号No.	型号Model	品牌Brand	重量Weight
904111	F3S	QUICHER	77.5g

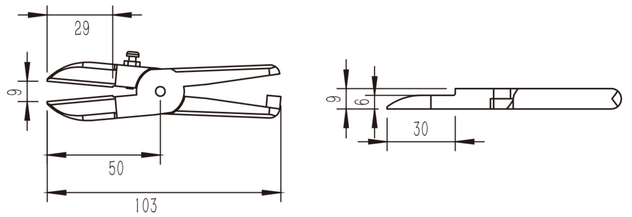




适配本体:DL-NR10
Adaptive ontology DL-NS10
HS-10

F3LS

货号No.	型号Model	品牌Brand	重量Weight
904112	F3LS	QUICHER	90g

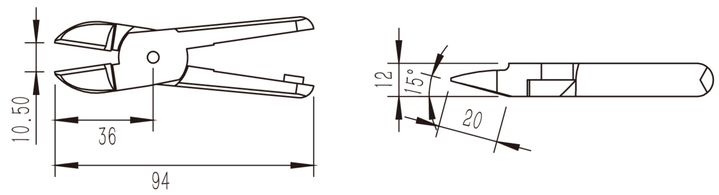




适配本体:DL-NR10
Adaptive ontology DL-NS10
HS-10

F5

货号No.	型号Model	品牌Brand	重量Weight
904113	F5	QUICHER	141g

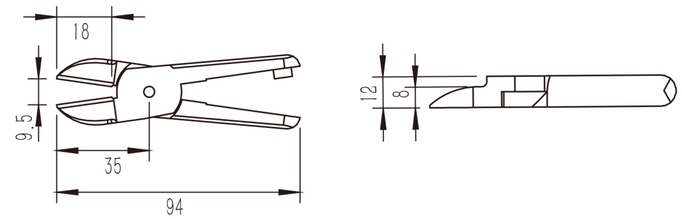




适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

F5S

货号No.	型号Model	品牌Brand	重量Weight
904114	F5S	QUICHER	135g

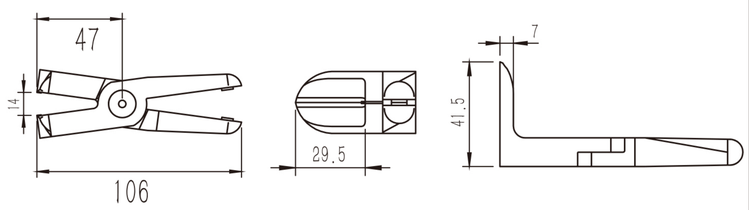




适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

F5L

货号No.	型号Model	品牌Brand	重量Weight
904115	F5L	QUICHER	g

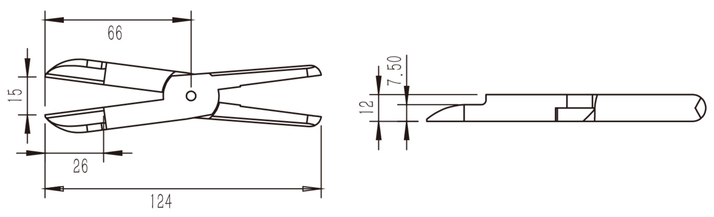




适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

F5LS

货号No.	型号Model	品牌Brand	重量Weight
904116	F5LS	QUICHER	222g

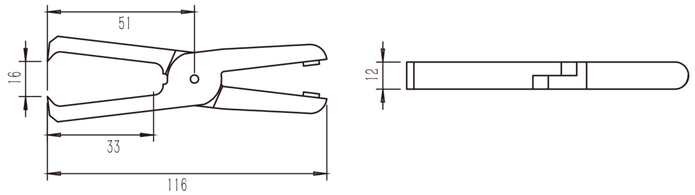




适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

F5CTL

货号No.	型号Model	品牌Brand	重量Weight
904117	F5CTL	QUICHER	213g

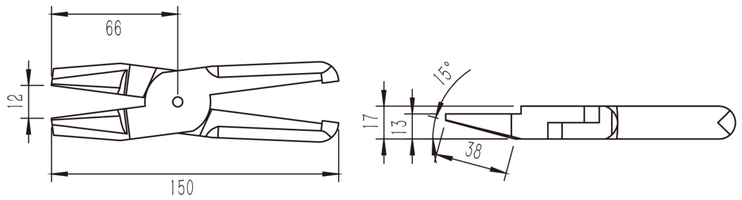




适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

F9P

货号No.	型号Model	品牌Brand	重量Weight
904118	F9P	QUICHER	382.5g

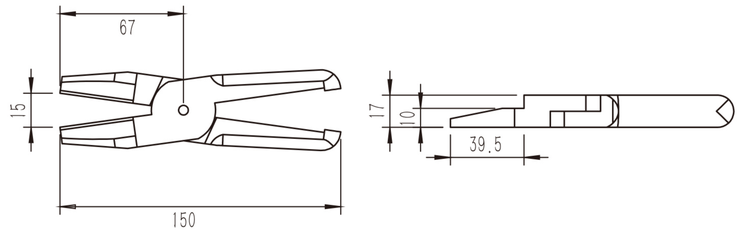




适配本体:DL-NR30
Adaptive ontology DL-NS30
HS-30

F9PS

货号No.	型号Model	品牌Brand	重量Weight
904119	F9PS	QUICHER	384.5g

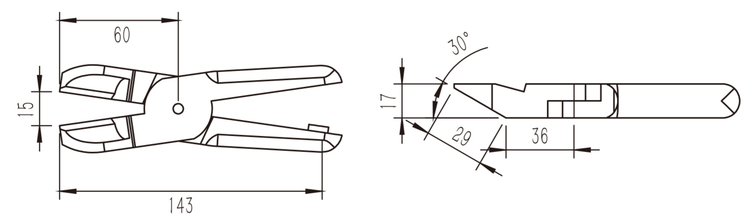




适配本体:DL-NR30
Adaptive ontology DL-NS30
HS-30

FD9P

货号No.	型号Model	品牌Brand	重量Weight
904120	FD9P	QUICHER	422g



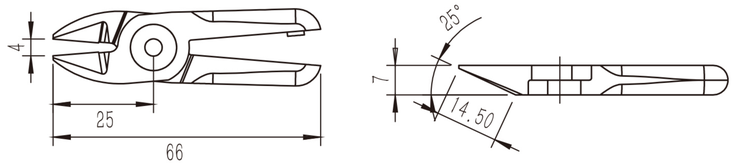


适配本体:DL-NR30
Adaptive ontology DL-NS30
HS-30

金属剪切剪刀 Metal shear scissors

S2

货号No.	型号Model	品牌Brand	重量Weight
904121	S2	QUICHER	43g



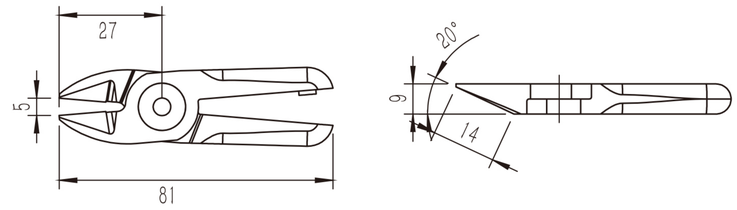


适配本体:DL-NR05
Adaptive ontology DL-NS05
HS-5

金属剪切剪刀 Metal shear scissors

S4

货号No.	型号Model	品牌Brand	重量Weight
904122	S4	QUICHER	80.5g



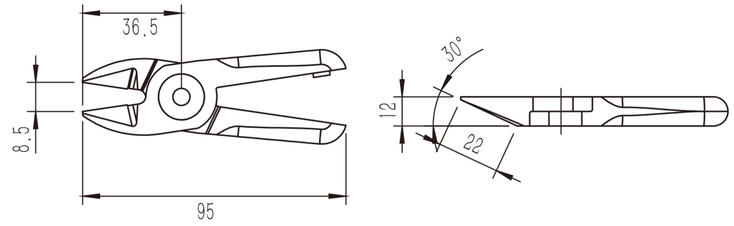


适配本体:DL-NR10
Adaptive ontology DL-NS10
HS-10

金属剪切剪刀 Metal shear scissors

S5

货号No.	型号Model	品牌Brand	重量Weight
904123	S5	QUICHER	151.5g





适配本体:DL-NR20
Adaptive ontology DL-NS20
HS-20

STAT·CLEAN

静电的解决方案

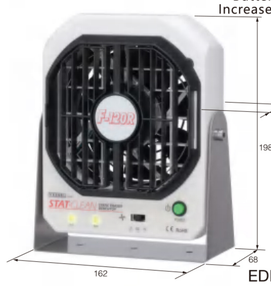
Electrostatic Elimination Solutions



静电消除风扇 Electrostatic Elimination Fan

F120R-E 蝶形叶片风盖设计 提升除静电范围

Butterfly blade cover design
Increase static elimination range

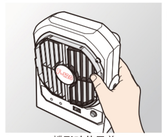


EDP No. 621651

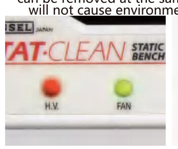
高电压变压器 High voltage transformer	离子平衡 Ion equilibrium	除电时间 Power generation time	规格 Specifications
高压高频 High voltage and high frequency 交流式放电 Alternating current discharge	±10 V范围内 In the range of ±10V	1.5秒以内 Less than1.5 seconds	CE RoHS

输入电压 Input voltage DC 24V	风扇转速 Fan speed 风力大 High/medium low	内置变压器 Built-in transformer 100-240VAC	针电极更换 Needle electrode replacement	风扇报警锁定 Fan alarm lock	高压异常报警 High voltage abnormal alarm	外部接地端口 External grounding port

- ▶ 蝶形叶片风盖设计，侧压加大除静电涵盖范围，推回则维持直风状态。 Butterfly blade wind cover design, side pressure to increase the coverage of static electricity, push back to maintain a direct air state
- ▶ LED灯显示运行状态，可外接信号。
- ▶ 保养容易，针电极和蝶形风盖一体式设计，可同时取出，清洁时不会造成环境污染。 Easy maintenance, needle electrode and butterfly air cover integrated design, can be removed at the same time, cleaning will not cause environmental pollution



蝶形叶片风盖
Butterfly blade hood



LED运行指示灯
LED operation indicator



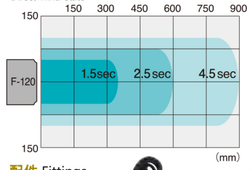
针电极装置
Needle electrode device

规格 Specifications

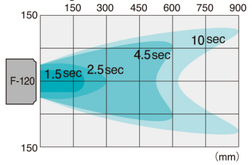
型号 Model	F120R-E
离子产生方式 / 施加电压 Ion generation mode / applied voltage	高压高频交流式放电 /AC 10kV(p-p) High voltage and high frequency Alternating currentdischarge/AC 10kV(p-p)
输入电压 / 消耗电流 Input voltage / consumption current	DC24V±5%／700mA(最大)
离子平衡 Ion equilibrium	±10 V范围内 In the range of ±10V
除电时间 Power generation time	1.5 秒以内 Less than1.5 seconds
使用距离 Service distance	150 mm～900 mm
H×W×Dmm	H198×W162×D70mm
重量 weight	0.9kg
风扇转速 Fan speed	3.66m³/min(最大)
噪声水平 Noise level	HI : 55dBA / LO : 49dBA
臭氧产生量 Ozone production	0.05ppm以下(50mm)
操作环境温度和湿度 Operating environment temperature and humidity	5°C～40°C/35%～65% RH（没有结露或结冰） 5°C～40°C/35%～65% RH No condensation or freezing
配件 Fittings	交流适配器 AD24-ITE, 交流电缆（1.8m）

除电区域 Deelectrification area

直风状态(F120R-E) Direct wind state



广角状态(F120R-E) Wide-angle state



配件 Fittings



交流适配器 Ac adapter
AD24-ITE
I / P : AC100V~240V 0.4A
O/P : DC24V 0.75A
EDP No.806135

F120S-E 蝶形叶片风盖设计 低噪音低风量款式

Butterfly blade cover design
Low-noise and low-air-volume type

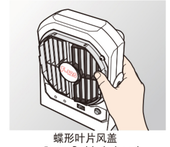


EDP No. 621646

高电压变压器 High voltage transformer	离子平衡 Ion equilibrium	除电时间 Power generation time	规格 Specifications
高压高频 High voltage and high frequency 交流式放电 Alternating current discharge	±10 V范围内 In the range of ±10V	2.5秒以内 Less than2.5 seconds	CE RoHS

输入电压 Input voltage DC 24V	风扇转速 Fan speed 风力大 High/medium low	内置变压器 Built-in transformer 100-240VAC	针电极更换 Needle electrode replacement	风扇报警锁定 Fan alarm lock	高压异常报警 High voltage abnormal alarm	外部接地端口 External grounding port

- ▶ 蝶形叶片风盖设计，侧压加大除静电涵盖范围，推回则维持直风状态。 Butterfly blade wind cover design, side pressure to increase the coverage of static electricity, push back to maintain a direct air state
- ▶ LED灯显示运行状态，可外接信号。
- ▶ 保养容易，针电极和蝶形风盖一体式设计，可同时取出，清洁时不会造成环境污染。 Easy maintenance, needle electrode and butterfly air cover integrated design, can be removed at the same time, cleaning will not cause environmental pollution



蝶形叶片风盖
Butterfly blade hood



LED运行指示灯
LED operation indicator



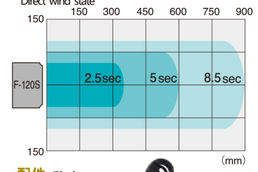
针电极装置
Needle electrode device

规格 Specifications

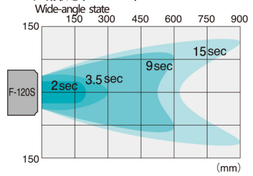
型号 Model	F120S-E
离子产生方式 / 施加电压 Ion generation mode / applied voltage	高压高频交流式放电 /AC 10kV(p-p) High voltage and high frequency Alternating currentdischarge/AC 10kV(p-p)
输入电压 / 消耗电流 Input voltage / consumption current	DC24V±5%／700mA(最大)
离子平衡 Ion equilibrium	±10 V范围内 In the range of ±10V
除电时间 Power generation time	1.5 秒以内 Less than1.5 seconds
使用距离 Service distance	150 mm～900 mm
H×W×Dmm	H198×W162×D70mm
重量 weight	0.9kg
风扇转速 Fan speed	2.21m³/min(最大)
噪声水平 Noise level	HI : 51dBA / LO : 44dBA
臭氧产生量 Ozone production	0.05ppm以下(50mm)
操作环境温度和湿度 Operating environment temperature and humidity	5°C～40°C/35%～65% RH（没有结露或结冰） 5°C～40°C/35%～65% RH No condensation or freezing
配件 Fittings	交流适配器 AD24-ITE, 交流电缆（1.8m）

除电区域 Deelectrification area

直风状态(F120S-E) Direct wind state



广角状态(F120S-E) Wide-angle state



配件 Fittings



交流适配器 Ac adapter
AD24-ITE
I / P : AC100V~240V 0.4A
O/P : DC24V 0.75A
EDP No.806135

静电方案

交流脉冲静电消除风棒（内置电源）

AC Pulse Electrostatic Elimination Blower Bar Built-in power supply

C-series

机身紧凑 Compact body

针对高精密产品的静电消除而设计

Designed for Electrostatic Elimination of High Precision products

新



C-40	EDP No.621857	**C-170**	EDP No.621855
C-60	EDP No.621858	**C-200**	EDP No.621856
C-90	EDP No.621851	**C-220**	EDP No.621859
C-100	EDP No.621852	**C-250**	EDP No.621860
C-120	EDP No.621853	**C-270**	EDP No.621861
C-150	EDP No.621854	**C-300**	EDP No.621862

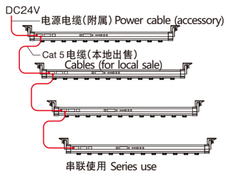
高电压变压器 High voltage transformer	离子平衡 Ion equilibrium	规格 Specifications
脉冲交流电 Pulse alternating current	±30 V 范围内（测量1000 mm） In the range of ±30V (measuring 1000mm)	CE RoHS

输入电压 Input voltage	空气压力 最大 Maximum air pressure	LCD 显示器 LCD display	针电极更换 Needle electrode replacement	可调节离子平衡 Adjustable ion balance	针头清洗定时器 Needle cleaning timer	高压异常报警 High voltage abnormal alarm	外部输出 局域网终端
直流 24V ±5%	0.3MPa				（1～60天）※		

※C-40, -C60 除外

- ▶高效能喷气式针电极设计。
  Design of High efficiency Jet Needle electrode
- ▶自动离子平衡设计（50-100mm
  Automatic ion balance design
- ▶外部连接端口集中于一侧，容易配线及串联。
  External connection ports are concentrated on one side, easy to wire and series



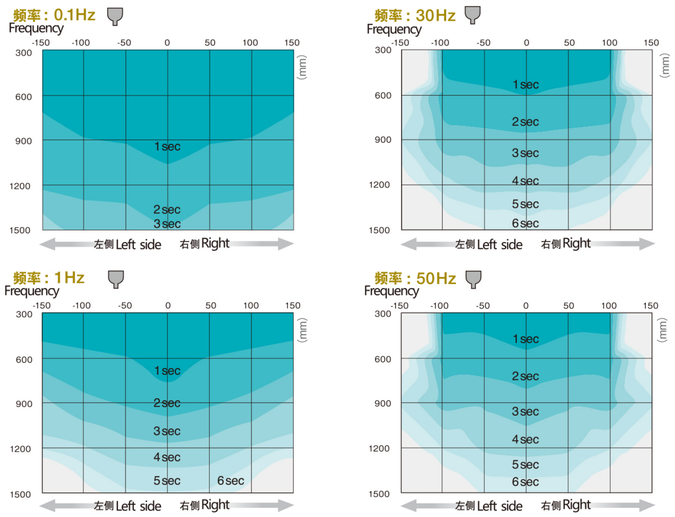


常用规格 Common specification

型号 Model	C-40 ～ C-300
离子产生方式 / 施加电压 Ion generation mode / applied voltage	脉冲交流式放电 / AC8～12.5kV(p-p) Pulsed alternating current discharge
频率 Frequency	0.1～50Hz(10个频率)
脉冲比 Pulse ratio	正离子40～70% Positive ion 40～70%, 负离子60～30% Negative ion 60～30%
输入电压 / 消耗电流 Input voltage / consumption current	DC24V±5%／600mA(最大)
离子平衡 Ion equilibrium	±30V范围内（距离1000mm）
除电时间 Power generation time	见下文 See below
使用距离 Service distance	50～2000mm
H×W×Dmm	请参考右边数据 Please refer to the data on the right
重量 Weight	请参考右边数据 Please refer to the data on the right
供气软管直径 Air supply hose diameter	PT1/8
使用流体 Use fluid	清洁干燥的空气或氮气(N^2)(0.3 MPa以下)
臭氧产生量 Ozone production	0.05ppm或以下(测量50mm)
操作环境温度和湿度 Operating environment temperature and humidity	5°C～40°C/35%～85% RH（没有结露或结冰） 5°C～40°C/35%～85% RH No condensation or freezing
配件 Fittings	遥控器 / 电源线(5m) / Remote control / power cord 5m 终端支架(包含设备) / Terminal bracket (including equipment) 中间支架（包括设备 / 除C-40,C-60和C-90) Intermediate bracket (including equipment / except C ≤ 40, C ≤ 60 and C ≤ 90)

除电区域 Deelectrification area

测量条件・产品 /Product：C-150・电压 /voltage:10.5kV(P-06 N-06)・空气压力 /Air pressure:0.3MPa・温度 /temperature:24°C±1°C
Measuring condition ・湿度 /humidity:40%±2%RH・除电时间 /deelectrification time:±1000V→±100V・CPM:20pF±2pF(150x150mm)



选项

电源插头 The power plug



交流电适配器 Ac adapter
AD24-IT
EDP No. 806051
AD24-ITE
EDP No. 806135
I / P : AC100V~240V 0.4A
O/P : DC24V 0.75A
操作：1条
Operation: 1



交流电适配器 Ac adapter
AD-24-IT19
EDP No. 806081
AD24-IT19E
EDP No. 806137
I / P : AC100V~240V 1.2A
O/P : DC24V 1.9A
操作：2 或 3 条 Operation: 2 or 3
（更多详情请咨询我们。）
For more details, please consult us



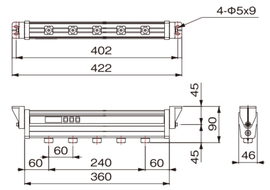
Power cable
电源电缆（5m）
交流电适配器 Ac adapter
CT-5
EDP No.621709



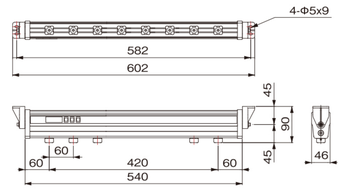
遥控 Remote control
RMC-01
EDP No. 806104

※使用AC适配器时，电源电缆（CT-5）是必需的。
power cable (CT-5) is required when using AC adapters

C-40

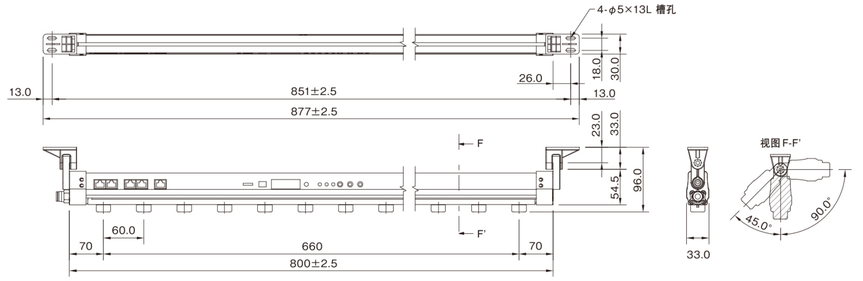


C-60

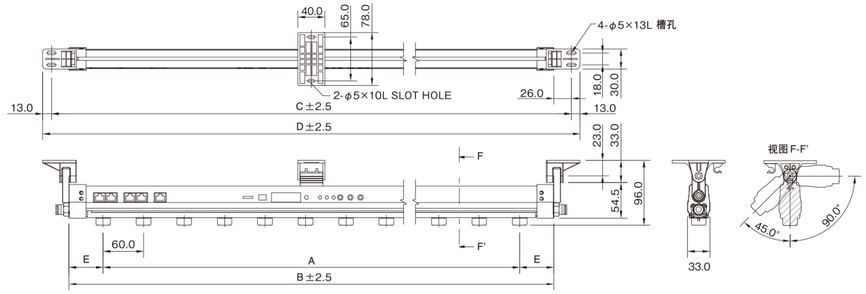


(单位：mm)

C-90



C-100, 120, 150, 170, 200, 220, 250, 270, 300



尺寸 / 针电极数量 / 中间脚架数量

Size / number of needle electrodes / number of intermediate scaffolding

型号	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	针电极	中间等级	重量（kg）
C-40	240	360	402	422	60	5 pcs	—	0.78
C-60	420	540	582	602	60	8 pcs	—	1.08
C-90	660	800	851	877	70	12 pcs	—	0.9
C-100	900	1001	1052	1078	50.5	16 pcs	1 pc	1.0
C-120	1140	1241	1292	1318	50.5	20 pcs	1 pc	1.2
C-150	1380	1481	1532	1558	50.5	24 pcs	1 pc	1.4
C-170	1620	1721	1772	1798	50.5	28 pcs	2 pcs	1.6
C-200	1860	1961	2012	2038	50.5	32 pcs	2 pcs	1.8
C-220	2100	2201	2252	2278	50.5	36 pcs	2 pcs	2.3
C-250	2340	2441	2492	2518	50.5	40 pcs	3 pcs	2.6
C-270	2580	2681	2732	2758	50.5	44 pcs	3 pcs	2.8
C-300	2820	2921	2972	2998	50.5	48 pcs	3 pcs	3.1

脉冲比 Pulse ratio

离子平衡可以通过改变脉冲比来调节。
Ion balance can be adjusted by changing the pulse ratio

地址 Address

在使用多台的情况下，可以先进行识别各设备的设定地址（1到16）。
In the case of multiple units, you can first set the address of each device (1-16)

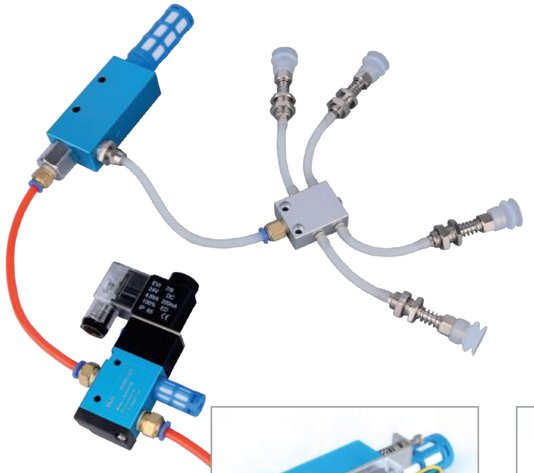
电压等级 Voltage level

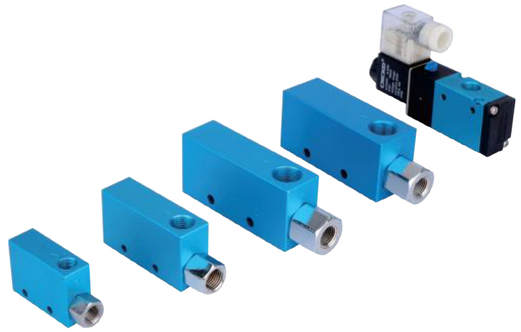
通过改变对针电极的施加电压，可以调整正负离子的生成数量。
The number of positive and negative ions can be adjusted by changing the applied voltage to the needle electrode.

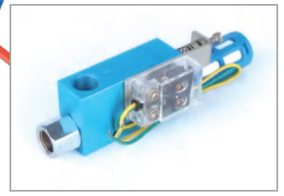
电压等级 Voltage level	1	2	3	4	5	6	7	8	9	10
正电压 (kV)	4	4.25	4.5	4.75	5	5.25	5.5	5.75	6	6.25
负电压 (kV)	4	4.25	4.5	4.75	5	5.25	5.5	5.75	6	6.25
kV p-p	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5

静电方案

真空发生器 / 电磁阀 Vacuum Generator/Solenoid Valve







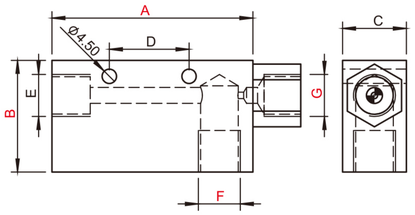
真空发生器HS系列
Vacuum Generator HS Series



电磁阀
Solenoid Valve



真空发生器DV系列
Vacuum Generator DV Series



型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E	F	G
DV-10	45	32	16	20	1/8	1/8	1/8
DV-15	63	35	20	25	1/4	1/4	1/4
DV-20	85	40	25	32	3/8	3/8	1/4
DV-25	85	40	30	32	1/2	3/8	1/4
DV-30	118	60	40	50	3/4	3/4	1/2

货号 No.	型号 Model	吸入量L/min Suction volume	喷嘴孔径mm Nozzle size	达到真空度-Kpa Vacuum degree	空气消耗量L/min Air consumption	供给压力kgf/mm Supply pressure
806011	DV-10	27	1.0	85	44	5
806012	DV10HSCK	36	1.0	57.2	44	5
806013	DV-15	63	1.5	85	100	5
806014	DV15HSCK	95	1.5	57.2	100	5
806015	DV-20	110	2.0	85	180	5
806016	DV20HSCK	165	2.0	57.2	180	5
806017	DV-25	160	2.5	85	265	5
806018	DV25HSCK	250	2.5	57.2	265	5
806019	DV-30	250	3.0	85	385	5
806020	DV30HSCK	350	3.0	57.2	385	5

项目 project	Ck设定值调整 Adjustment of CK type setting value
设定范围（Kpa） Setting range	-20~-53
出货时设定值（Kpa） Set Value when Shipment	-46
动作精度（Kpa） Action precision	±5.3
应差（Kpa） Hysteresis	4.0~13.3
电器规格定格 Rating electrical specifications (抵抗负荷时) When resisting to load	AC125V:5A AC250V:3A DC24V:2A
使用温度范围(℃) Operating temperature range	0~60℃（不可用在冻结情况） Not available in the case of freezing

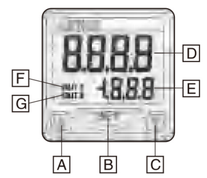
DPS系列電子式數顯壓力開關
DPS series electronic digital pressure switch



符 號

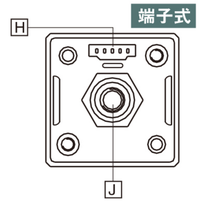


面板功能介紹

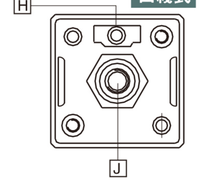


序號	名稱
A	數值向上鍵
B	設定、確認鍵
C	數值向下鍵
D	壓力數值顯示區
E	設定氣壓值顯示區
F	輸出1指示燈
G	輸出2指示燈
H	電源及輸出信號
J	壓力輸入氣孔

端子式



出綫式



規 格

輸入電源	電壓範圍	12~24 VDC ± 10% 漣波峰值＜10%
壓力量測	流體型式	非腐蝕性氣體
	量測範圍	DPSN1(P1)-01：-100kPa~100kPa
		DPSN1(P1)-10：-100kPa~1,000kPa
	最大耐壓	DPSN1(P1)-01：200kPa
		DPSN1(P1)-10：1500kPa
	量測誤差	±2%全量程，±1digit(周圍溫度25±3℃)
	重覆精度	±0.2%全量程
	溫度誤差	±3%全量程(25℃基準，0~50℃範圍)
顯示	顯示型式	雙排LCD顯示，可顯示4位數量測值及3.5位數設定顯示
	顯示顏色	可選擇雙色顯示(紅色、綠色)
	顯示週期	100ms、250ms、500ms、1,000ms
輸出	輸出組數	DPSN1：內建2組NPN輸出
		DPSP1：內建2組PNP輸出
	電晶體輸出	NPN：最大耐壓力30V/100mA，殘留電壓＜1.5V
		PNP：最大耐壓力30V/100mA，殘留電壓＜1.5V
	輸出遲滯時間	2ms、20ms、50ms、100ms、250ms、500ms 1,000ms、2,500ms、5,000ms
	遲滯	DPSN1(P1)-01：0.1、0.2、0.3..... 0.8(kPa)
		DPSN1(P1)-10：1、2、3..... 8(kPa)
	輸出模式	簡易模式、遲滯模式、窗型模式
氣壓單位	DPSN1(P1)-01	kPa、kgf/cm²、bar、psi、mmHg、inHg
	DPSN1(P1)-10	MPa、kPa、kgf/cm²、bar、psi、cmHg、inHg
耐震動		10~500Hz，10mm震幅，3軸方向2小時
耐衝擊		最大100m/s²，3軸6方向各3次
操作環境溫度		0~50℃
存放環境溫度		-20~65℃
操作環境濕度		35%~80% RH(無結露)

成品訂購碼

DPS N1□-01 020 □

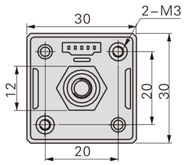
① ② ③ ④ ⑤ ⑥

①系列代號	②輸出型式	③接電方式	④量測壓力範圍	⑤出綫長度	⑥壓力氣孔型式
DPS：電子式數顯壓力開關	N1：NPN P1：PNP	空白：端子式接電 B：後出綫式接電 (注)	01：-100kPa~100kPa 10：-100kPa~1,000kPa	020：綫長2m 030：綫長3m 050：綫長5m	空白：外牙PT1/8；內牙：M5 T：外牙NPT1/8；內牙：10-32UNF G：外牙G1/8；內牙：M5

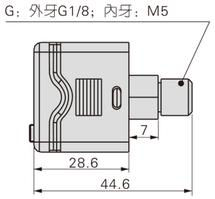
(注) 後出綫式接電方式的防護等級爲IP63。

外部規格

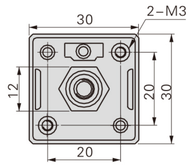
端子式



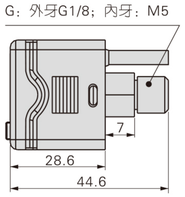
牙型編碼類別：
空白：外牙PT1/8；內牙：M5
T：外牙NPT1/8；內牙：10-32UNF
G：外牙G1/8；內牙：M5



出綫式



牙型編碼類別：
空白：外牙PT1/8；內牙：M5
T：外牙NPT1/8；內牙：10-32UNF
G：外牙G1/8；內牙：M5



多级真空发生器 Vacuum Generator

- **数显压力开关** Digital Display pressure switch

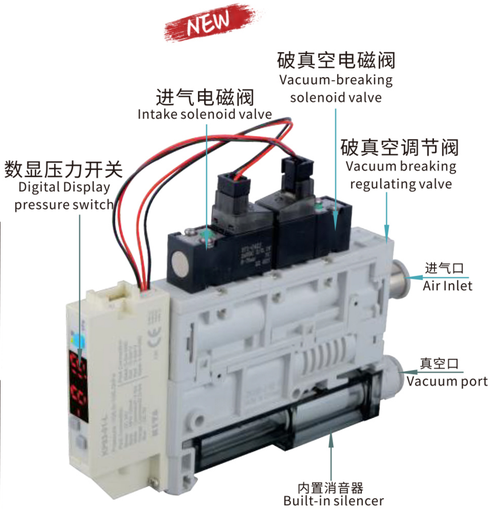
带节能功能的真空数字式压力开关(NPN/PNP可选)
Vacuum digital pressure switch with energy saving function (NPN/PNP optional)

性能效率提高,吸入流量增加50%,空气消耗量消减30%
Performance efficiency improved, suction flow increased by 50%
air consumption decreased by 30%

SZK - S × 0 - J - N - D
① ② ③ ④ ⑤ ⑥

①产品系列	②发生管规格	③安装板数	④供给阀破坏阀组合
SZK	07	空白-单体型	空白-供给阀NC+破坏阀NC
	10	2	J-供给阀NC,无破坏阀
	12	3	NO-供给阀NO+破坏阀NC
	15	……	(电磁阀导线长300mm,电源DC24V)
		8	

⑤真空开关	
空白-不带真空开关	空白-不带托架
N -NPN,无节能功能	F -托架安装(单体)
P -PNP,无节能功能	D -导轨安装(组合式)
NE -NPN,带节能功能	
PE -PNP,带节能功能	



注:1、仅NE/PE带止回阀,起保压功能,其余不带止回阀
2、L-大流量不可选带节能功能(NE/PE)
3、J-(供给阀NO+破坏阀NC)不可选带节能功能(NE/PE)

性能参数 Performance parameters

如何选择产品型号?
How to select a product model?

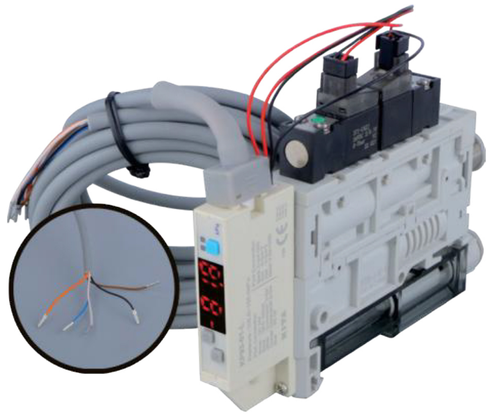
SZK S-F
- 真空破坏阀 Vacuum damage valve
- 空气供给阀 Air supply valve

SZK S-J-F
- 空气供给阀 Air supply valve

SZK S-J-NE-F
- 真空破坏阀 Vacuum damage valve
- 空气供给阀 Air supply valve
- 数显压力开关 Digital Display pressure switch

如何接线?
How to connect?

棕色线:正极 Brown line: positive
蓝色线:负极 blue line: negative
黑色线:信号输出 black line: signal output
白色线:进气电磁阀 White line: Inlet solenoid valve
橘色线:破真空电磁阀 Orange Line: vacuum-breaking solenoid valve



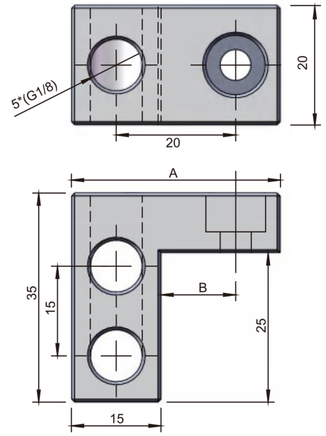
型号Model	耐压力	真空度	真空流量	进气口	真空口
SZK-07	500kpa	-90kpa	34NL/min	6mm	8mm
SZK-10	500kpa	-90kpa	56NL/min	6mm	8mm
SZK-12	500kpa	-90kpa	74NL/min	6mm	8mm
SZK-15	500kpa	-90kpa	89NL/min	6mm	8mm

注:产品最大供气压力3.5-5bar

气路汇流排 Side Manifold Block



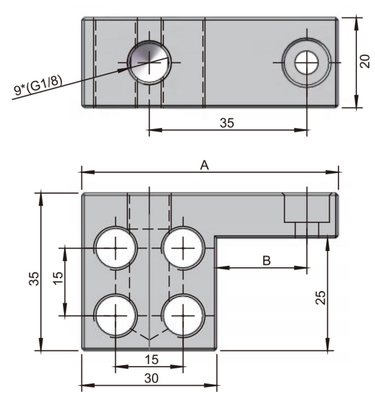




货号(No.)	型号(Model)	A(mm)	B(mm)	对应铝型材
802115	5P-G18-25	35	12.5	DLB-2518/DLB-2525/DLB-5025/DLF-2525
802116	5P-G18-40	42	40	DLB-4040/DLF-4040



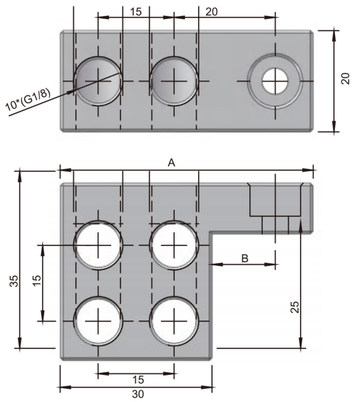




货号(No.)	型号(Model)	A(mm)	B(mm)	对应铝型材
802117	9P-G18-25	50	12.5	DLB-2518/DLB-2525/DLB-5025/DLF-2525
802118	9P-G18-40	57	20	DLB-4040/DLF-4040

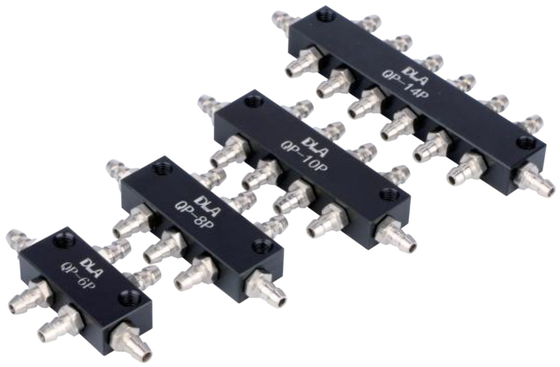


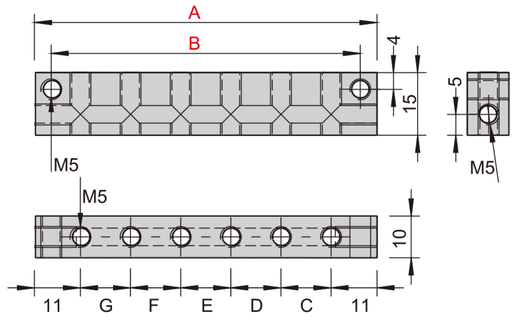




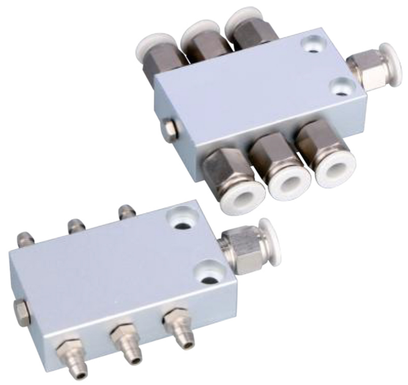
货号(No.)	型号(Model)	A(mm)	B(mm)	对应铝型材
802119	10P-G18-25	50	12.5	DLB-2518/DLB-2525/DLB-5025/DLF-2525
802120	10P-G18-40	57	20	DLB-4040/DLF-4040

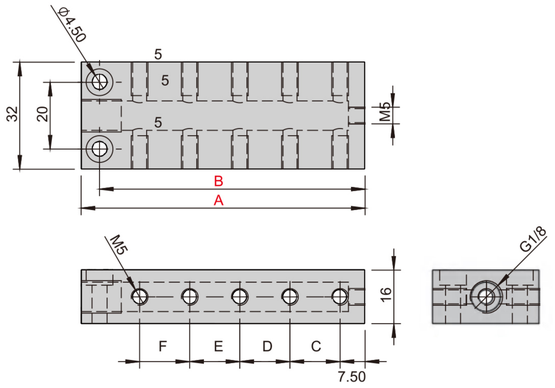
气排 Side Manifold Block





货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	重量Weight
802125	QP-6P	34	26	12	–	–	–	–	10g
802126	QP-8P	46	38	12	12	–	–	–	14g
802127	QP-10P	58	50	12	12	12	–	–	18g
802128	QP-14P	82	74	12	12	12	12	12	26g





货号No.	型号Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	重量Weight
802130	QP-4	40	34.5	15	–	–	–	45g
802131	QP-6	55	49.5	15	15	–	–	64g
802132	QP-10	85	79.5	15	15	15	15	99g

水排 Water flows

- **多管路气排** Multi-pipeline gas exhaust

大流量通气孔(可搭配多种接头使用)
Large flow vent (can be used with a variety of connectors)

采用优质铝合金材质,广泛适用于各类气动系统
Made of high quality aluminum alloy, widely applicable to all kinds of pneumatic systems

搭配气动接头做气路分配,搭配球阀冷却管做水路分配
Air Distribution with pneumatic joint, water distribution with Ball Valve cooling pipe

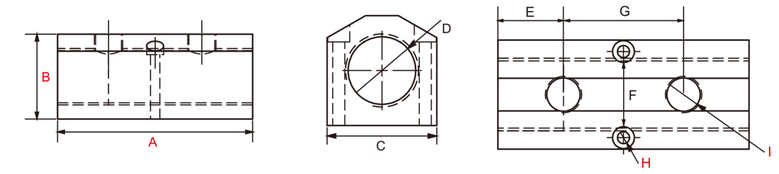






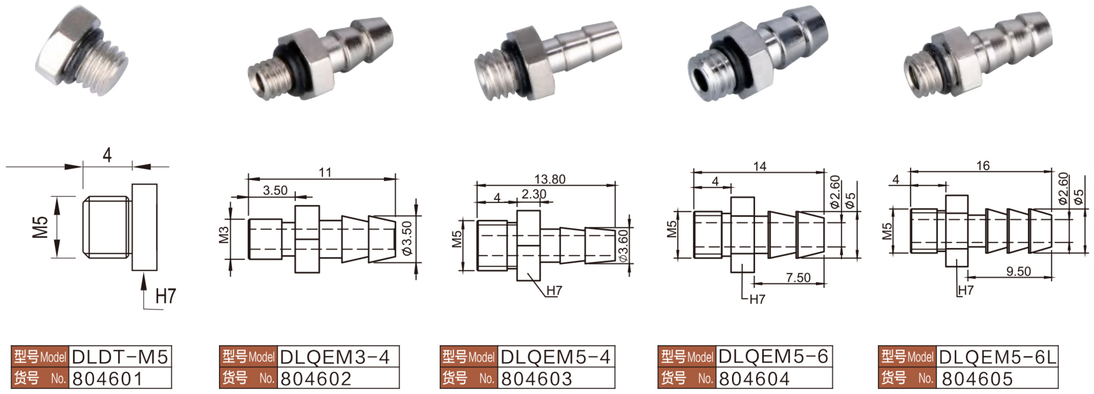
货号 (No.)	型号 (Model)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
807001	DSP115-BD-4	115	50	50	G1	30	39	55	Ø5.5	G3/8
807002	DSP170-BD-6	170	50	50	G3/8	30	39	55	Ø5.5	G3/8
807003	DSP225-BD-8	225	50	50	G1	30	39	55	Ø5.5	G3/8
807004	DSP280-BD-10	280	50	50	G1	30	39	55	Ø5.5	G3/8
807005	DSP335-BD-12	335	50	50	G1	30	39	55	Ø5.5	G3/8





货号 (No.)	型号 (Model)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
807501	DSP115-C-2	115	50	50	G1	30	39	55	Ø5.5	G3/8
807502	DSP225-C-4	225	50	50	G1	30	39	55	Ø5.5	G3/8
807503	DSP280-C-5	280	50	50	G1	30	39	55	Ø5.5	G3/8
807504	DSP335-C-6	335	50	50	G1	30	39	55	Ø5.5	G3/8
807505	DSP445-C-8	445	50	50	G1	30	39	55	Ø5.5	G3/8
807506	DSP555-C-10	555	50	50	G1	30	39	55	Ø5.5	G3/8
807507	DSP665-C-12	665	50	50	G1	30	39	55	Ø5.5	G3/8

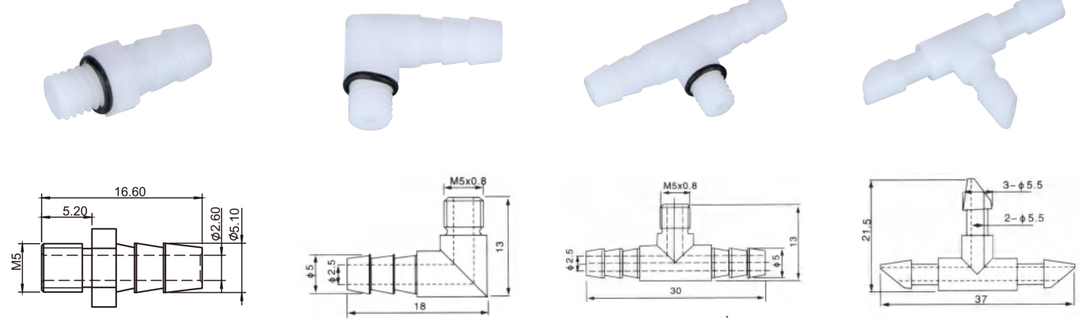
气管接头系列 Air Pipe Connector Series



型号 Model	货号 No.
DLDT-M5	804601
DLQEM3-4	804602
DLQEM5-4	804603
DLQEM5-6	804604
DLQEM5-6L	804605



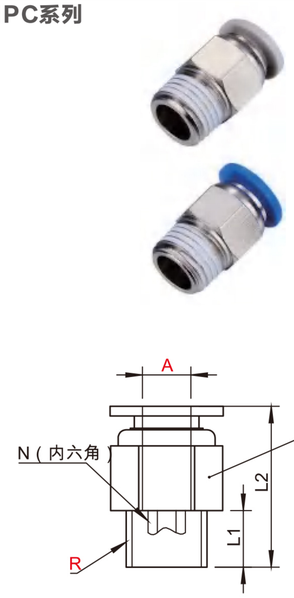
型号 Model	货号 No.
DLQEM5-6LS	804606
DLJS-T2	804607
DLJS-T1	804608
PC6-M5A	804609



型号 Model	货号 No.
DLJTZM5-6	804610
DLJTLM5-6	804611
DLJTTM5-6	804612
DLJTT-6	804613

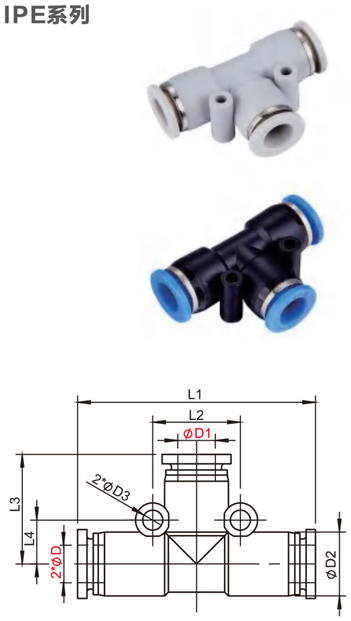
气管接头系列 Air Pipe Connector Series

IPC系列



货号 No.	型号 Model	ϕA mm	R mm	L1 mm	L2 mm	N mm	H mm
805012	DLPC04-M5	4	M5	3.5	20.3	22	10
805013	DLPC04-M6		M6	4	20.8	2	10
805014	DLPC04-01		R1/8	7.5	20	3	10
805015	DLPC04-02		R1/4	9.5	18	3	14
805016	DLPC04-03		R3/8	10.5	19	3	17
805017	DLPC06-M5	6	M5	3.5	21	2	12
805018	DLPC06-M6		M6	4	21	2	12
805019	DLPC06-01		R1/8	7.5	20.5	4	12
805020	DLPC06-02		R1/4	9.5	22.5	4	14
805021	DLPC06-03		R3/8	10.5	20.5	4	17
805022	DLPC08-M5	8	M5	3.5	24	2	14
805023	DLPC08-M6		M6	4	23.5	2	14
805024	DLPC08-01		R1/8	7.5	25.5	5	14
805025	DLPC08-02		R1/4	9.5	24.5	5	14
805026	DLPC08-03		R3/8	10.5	21.5	6	17
805027	DLPC10-01	10	R1/8	7.5	29.5	5	17
805028	DLPC10-02		R1/4	9.5	31	6	17
805029	DLPC10-03		R3/8	10.5	28.5	8	17

IPE系列



货号 No.	型号 Model	ϕD mm	ϕD1 mm	ϕD2 mm	ϕD3 mm	L1 mm	L2 mm	L3 mm	L4 mm
805035	DLPE-04	4	4	11.5	3.2	38	14	19	7
805036	DLPE-06	6	6	13.5	3.2	39	16	19.2	8
805037	DLPE-08	8	8	15	3.2	45	19	22.5	9
805038	DLPE-10	10	10	19	4.2	57	24	28	12
805039	DLPE-12	12	12	21.5	4.3	59	26	29.5	13
805040	DLPE-14	14	14	23.5	/	59	/	29.5	/
805041	DLPE-15	15	15	26.5	/	64	/	32	/
805042	DLPE-16	16	16	26.5	/	64	/	32	/
805043	DLPE-06-04-06	6	4	13.5	3.2	39	16	19.2	8
805044	DLPE-08-04-08	8	4	15	3.2	45	19	22.5	9.5
805045	DLPE-08-06-08	8	6	15	3.2	45	19	22.5	9.5
805046	DLPE-10-06-10	10	6	19	4.2	57	24	26.3	12
805047	DLPE-10-08-10	10	8	19	4.2	57	24	26.8	12
805048	DLPE-04-06-04	4	6	13.5	3.2	39	16	19.2	8
805049	DLPE-06-08-06	6	8	15	3.2	45	19	22.5	9.5
805050	DLPE-08-10-08	8	10	19	4.2	57	24	26.8	12

气管接头系列 Air Pipe Connector Series

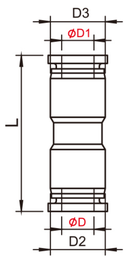
IPL系列





货号 No.	型号 Model	ϕA mm	R mm	L1 mm	L2 mm	L3 mm	ϕB mm	H mm
805055	PL04-M5	4	M5	3.5	22.5	19	11.5	10
805056	PL04-M6		M6	4	23	19	11.5	10
805057	PL04-01		R1/8	7.5	25	19	11.5	10
805058	PL04-02		R1/4	9.5	28	19	11.5	14
805059	PL04-03		R3/8	10.5	29.5	19	11.5	17
805060	DLPL06-M5	6	M5	3.5	23.2	19.2	13.5	12
805061	DLPL06-M6		M6	4	23.7	19.2	13.5	12
805062	DLPL06-01		R1/8	7.5	25.7	19.2	13.5	12
805063	DLPL06-02		R1/4	9.5	28.2	19.2	13.5	14
805064	DLPL06-03		R3/8	10.5	29.7	19.2	13.5	17
805065	DLPL08-M5	8	M5	3.5	26	22.5	15	14
805066	DLPL08-01		R1/8	7.5	29	22.5	15	14
805067	DLPL08-02		R1/4	9.5	31	22.5	15	14
805068	DLPL08-03		R3/8	10.5	33	22.5	15	17
805069	DLPL10-01	10	R1/8	7.5	34.5	27.8	19	17
805070	DLPL10-02		R1/4	9.5	36.5	27.8	19	17
805071	DLPL10-03		R3/8	10.5	37.5	27.8	19	17

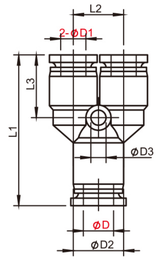
IPU系列





货号 No.	型号 Model	ϕD mm	ϕD1 mm	ϕD2 mm	ϕD3 mm	L mm
805081	DLPU-04	4	4	11.5	11.5	34
805082	DLPU-06	6	6	13.5	13.5	35.5
805083	DLPU-08	8	8	15	15	38.5
805084	DLPU-10	10	10	19	19	48
805085	DLPU06-04	6	4	13.5	11.5	34.5
805086	DLPU08-04	8	4	15	13.5	36.5
805087	DLPU08-06	8	6	15	13.5	36.5
805088	DLPU10-06	10	6	19	15	44
805089	DLPU10-08	10	8	19	15	44

IPY系列





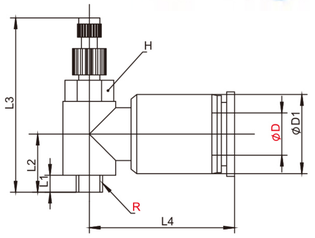
货号 No.	型号 Model	ϕD mm	ϕD1 mm	ϕD2 mm	ϕD3 mm	L1 mm	L2 mm	L3 mm
805092	DLY-04	4	4	11.5	3.2	36.5	11	14.5
805093	DLY-06	6	6	13.5	3.2	37.5	13	15
805094	DLY-08	8	8	15	3.2	39.8	15	18
805095	DLY-10	10	10	19	4.2	50	18	21
805096	DLY06-04	6	4	13.5	3.2	37.5	13	15
805097	DLY08-04	8	4	15	3.2	39.8	15	18
805098	DLY08-06	8	6	15	3.2	39.8	15	18
805099	DLY10-06	10	6	19	4.2	39.8	18	21
805100	DLY10-08	10	8	19	4.2	50	18	21

气管接头系列 Air Pipe Connector Series

ISC双向节流阀系列







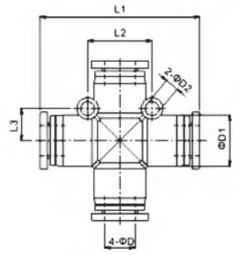
货号 No.	型号 Model	ϕD mm	R mm	L1 mm	L2 mm	L3 max	L4 mm	ϕD1 mm	H
805110	DLSC04-M3N	4	M3	3	10.3	32	20.5	11.5	8
805111	DLSC04-M5N		M5	3.2	10.5	33	20.5	11.5	8
805112	DLSC04-01N		R1/8	6.4	14	42	23.5	11.5	12
805113	DLSC04-02N		R1/4	10	18	49	25.5	13.5	14
805114	DLSC06-M5N	6	M5	3.2	10.5	33	22	13.5	8
805115	DLSC06-01N		R1/8	6.4	14	42	23.5	13.5	12
805116	DLSC06-02N		R1/4	10	18	49	25.4	13.5	14
805117	DLSC06-03N		R3/8	11.4	20.5	55	29.5	13.5	19
805118	DLSC08-M5N	8	M5	3.2	13	33	25	15	8
805119	DLSC08-01N		R1/8	6.4	14.5	42	26.5	15	12
805120	DLSC08-02N		R1/4	10	19	49	28.9	15	14
805121	DLSC08-03N		R3/8	11.4	20.5	55	29.8	15	19
805122	DLSC10-01N	10	R1/8	6.4	17.5	42	30.3	19	12
805123	DLSC10-02N		R1/4	10	20	49	32.6	19	14
805124	DLSC10-03N		R3/8	11.4	22.5	55	33	19	19

快插接头系列 Quick plug connector series

IPZ系列





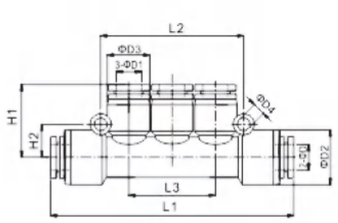


货号 NO.	型号 Model	ϕD	ϕD1	ϕD2	L1	L2	L3
805170	IPZ04	4	11.5	3.2	38	14	7
805171	IPZ06	6	13.5	3.2	39	16	8
805172	IPZ08	8	15	3.2	45	18	9.5
805173	IPZ10	10	19	4.2	57	24	12
805174	IPZ12	12	21.5	4.3	59	26	13
805175	IPZ25/32	5-32	11.5	3.2	38	14	7
805176	IPZ1/4	1/4	13.5	3.2	39	16	8
805177	IPZ5/16	5/16	15	3.2	45	18	9.5
805178	IPZ3/8	3/8	19	4.2	57	24	12
805179	IPZ1/2	1/2	21.5	4.3	59	26	13

气管接头系列 Air Pipe Connector Series

IPK系列





货号 NO.	型号 Model	ΦD	ΦD1	ΦD2	ΦD3	ΦD4	L1	L2	L3	H1	H2
805150	IPK04	4	4	14.5	13.5	3.2	60	42	26	19	9
805151	IPK06	6	6	14.5	13.5	3.2	60	42	26	20.5	9
805152	IPK08	8	8	18.5	15	4.2	82	48	29	24	11
805153	IPK10	10	10	18.5	18.5	4.2	93	61	37	27.5	12
805154	IPK06-04	6	4	14.5	13.5	3.2	60	42	26	19.5	9
805155	IPK08-04	8	4	14.5	13.5	3.2	62	42	26	20.5	9
805156	IPK08-06	8	6	14.5	13.5	3.2	62	42	26	20.5	9
805157	IPK10-06	10	6	18.5	15	4.2	83	48	29	24	11
805158	IPK10-08	10	8	18.5	15	4.2	83	48	29	24	11
805159	IPK3/16-5/32	3/16	5/32	14.5	13.5	3.2	60	42	26	19.5	9
805160	IPK1/4-3/16	1/4	3/16	14.5	13.5	3.2	60	42	26	19.5	9
805161	IPK5/16-1/4	5/16	1/4	14.5	13.5	3.2	62	42	26	20.5	9
805162	IPK3/8-5-16	3/8	5/16	18.5	15	4.2	83	48	29	24	11

气管 Hoses



订购号/Order

PU	8X5	100	BK
PU(管) Polyurethane Tube	气管直径 Tube Dia	长度（100米/卷） Length(100m/Roll)	

颜色 COLOR	简写 CODE
透明/Transparent	TR
黑色Black	BK
蓝色/Blue	BU
橙色/Orange	OR
透明蓝/ Transparent blue	TRBU
透明绿/ Transparent green	TRGN
深蓝/Dark blue	DKBU
浅蓝/Light blue	LTBU
黄色/Yellow	YL
红色/Red	RD
绿色/Green	GN
银色/Silver	SV



货号 No.	规格 Code	外径(mm) O.D	内径（mm） I.D	工作压力(23℃，bar) Operating Pressure	爆破压力(23℃，bar) Burst Pressure	弯曲半径(mm) Bend Radius	每卷长度(m) Length
806021	4x2.5	Ø4	Ø2.5	10	35	10	200
806022	6x4	Ø6	Ø4	10	35	15	200
806023	8x5	Ø8	Ø5	10	35	20	100
806024	10x6.5	Ø10	Ø6.5	10	35	25	100
806025	12x8	Ø12	Ø8	10	35	35	100

硅胶软管 Silicone soft

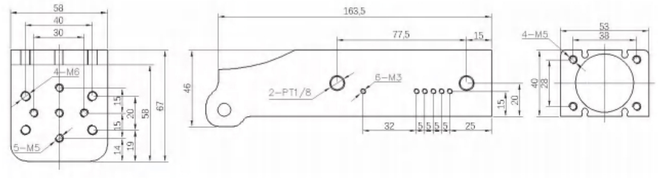


货号 No.	规格 Code	外径(mm) O.D	内径（mm） I.D	每卷长度(m) Length
806026	4x2.5	Ø4	Ø2.5	350
806027	6x3	Ø6	Ø3	350

侧姿组系列 Lateral Position Group Series

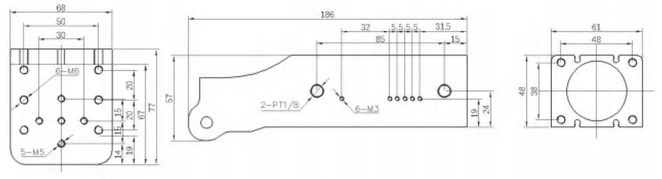


型号：DL-3240



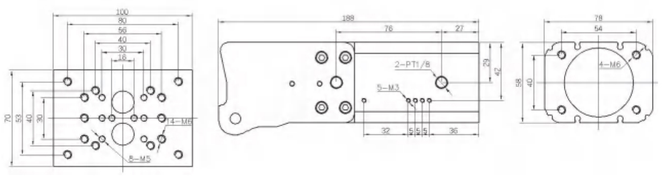


型号：DL-4040





型号：DL-5040A



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