

The logo for TAI STAR, with 'TAI' in blue block letters and 'STAR' in red cursive script.

台斯達實業股份有限公司

射出機機械手配件

本公司已銷售國內外 21 年了，相容各大品牌機械手配件，如需詢價煩請聯絡

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型号选定方法

真空用元件

1 真空吸着方式的特长

作为工件夹持方法的真空吸着，有以下特点：

- 构造简单
- 只要有可能吸着的面，即可对应
- 不需要定位
- 可对应柔软易变形的工件

但，必须要注意以下几点：

- 将工件吸着搬运，根据其条件的不同有落下的可能
- 会将工件周围的液体以及异物吸入
- 为了得到更大的加持力，有必要利用更大的吸着面积
- 有必要注意真空吸盘(橡胶)的劣化

上述特点充分理解后，根据使用条件使用。

2 真空吸盘的选定方法

● 真空吸盘的选定顺序

- 1)充分考虑工件的平衡，明确吸着部位以及吸盘的个数以及吸盘的直径(或吸盘的面积)。
- 2)由已知的吸着面积(吸盘的面积X个数)和真空压力。求的理论吸力。吸盘的实际吊力应考虑吸吊方法以及移动条件和安全率。
- 3)工作的质量与吸吊力进行比较，为了要使吸吊力>工作质量，计算出必要且充分的吸盘直径(吸盘面积)。
- 4)由使用环境以及工件的形状、材质，确认吸盘的形状、材质以及要不要缓冲器。

上述顺序表示的是一般的真空吸盘选定顺序，并非全部适用。最终结果根据客户的要求进行试验，并基于此结果，根据吸着条件决定使用吸盘。

● 真空吸盘选定时的要点

A.理论吸力

- 理论吸吊力由真空压力以及真空吸盘的吸着面积决定。
- 理论吸吊力实在静的条件下得出的数值，实际使用的场合，还应根据使用状态，给予足够的余量以确保安全。
- 真空压力并不是越高越好，真空压力高时会发生异常情况。

- 当真空压力在必要以上时，吸盘的磨损量增加，容易引起龟裂，使吸盘寿命变短。
- 真空压力为2倍，理论吸吊力也为2倍，吸盘直径为2倍，理论吸吊力则为4倍。
- 真空压力(设定压力)设定过高，不但响应时间变长，发生真空必要的能量也会增大。

例) 理论吸吊力=压力 X 面积 2倍

吸盘直径	面积(cm ²)	真空压力 [40-kPa]	真空压力 [80-kPa]
∅20	3.14	理论吸吊压力 12.56N	理论吸吊压力 25.11N
∅40	12.56	理论吸吊压力 50.23N	理论吸吊压力 100.45N

4倍

B.关于真空吸盘的剪切力和力矩

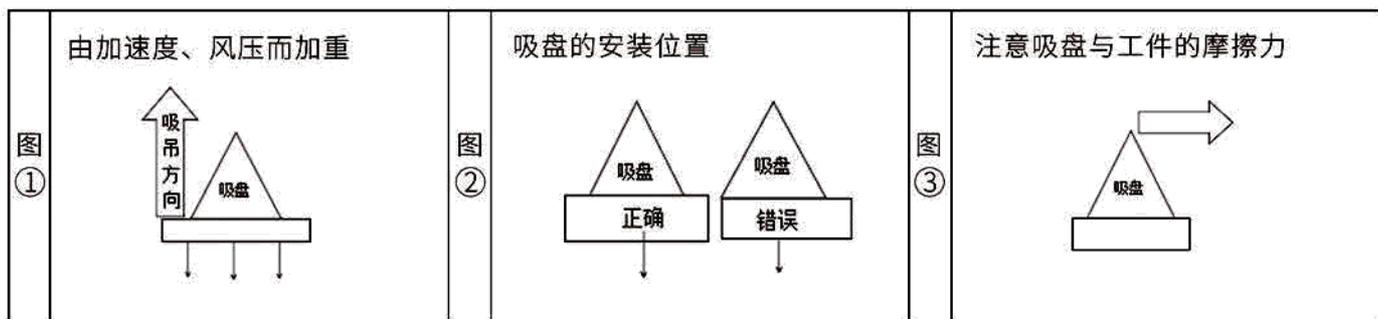
- 真空吸盘的剪切力（吸着面和平行方向的力）与力矩都不强。
- 考虑工件的重心位置，时真空吸盘收到的力矩最小。
- 不但要使移动时的加速度尽可能小，还要充分考虑风压以及冲击力。如果在移动时的加速度缓和，则工件落下防止的安全性能就变高。
- 应尽量避免真空吸盘吸着工件垂直方向的面向上提升（垂直吊），不得已的情况下请考虑安全率。

吸吊力、力矩、水平力

上方吸吊的场合，不光要考虑工件的质量，还应考虑加速度、风压、冲击等等（参照图1）

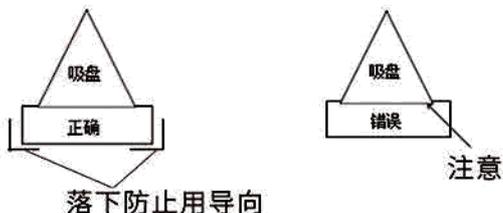
为了不使吸盘的力矩变弱，安装时请不要让工件产生力矩（参照图2）

进行水平吸吊作业的场合，向横向移动时，会由加速度以及吸盘与工件间的摩擦系数的大小，使工件产生便宜。故请控制平移加速度（参照图3）

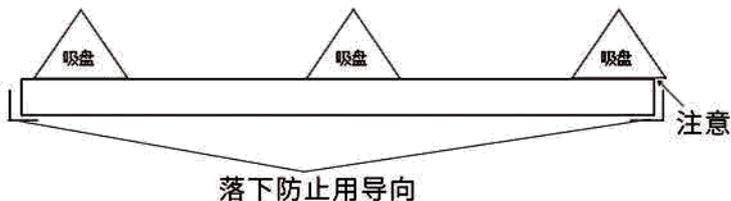


吸盘与工件的平衡

请不要使吸盘的吸着面积超过工件的表面。如果发生真空泄露，则吸着不稳。



面积大的板材使用多个吸盘进行搬送的场合，要合理布置吸盘位置，增强吸吊平稳性。特别是周边部位，请确定好位置后进行配管。如有必要，请配置防止工件落下的辅助工具。



另外，如有必要，请配置防止工件落下的辅助工具(例：落下防止用导向)

安装方式

基本上水平安装，尽量避免倾斜以及垂直安装。不得已的情况下，使用导向以确保安全率。



● 求吸吊力和真空吸盘的直径

1) 求理论吸吊力

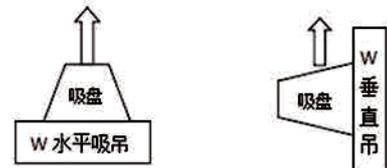
- 真空压力请设定在吸着稳定后的压力以下。
- 但工件有透气性的场合、工件表面粗糙度容易吸入空气的场合，必须考虑由于吸入大气，会使真空压力下降的因素，此类场合需根据进行的吸着测试来确定。
- 使用真空发生器的场合，真空压力大约为-60kPa左右。

吸盘的吸吊力，根据计算式以及下表1理论吸吊力表即可求出。

根据计算公式

$$W = P \times S \times 0.1 \times 1/t$$

W:吸吊力 (N)
P:真空压力 (kPa)
S:吸盘面积 (cm²)
t:安全率 水平吊起: 4以上
垂直吊起: 8以上



(从根本上, 请避免垂直吊)

根据理论吸吊力表

根据吸盘直径，真空压力，不含安全率可算出理论吸吊力。

理论吸吊力除以安全率t，可得出吸吊力。

吸吊力=理论吸吊力÷t。

1) 理论吸吊力表(理论吸吊力=P × S × 0.1)

吸盘尺寸 (Ø2—Ø50)

单位:N

吸盘尺寸(mm)	Ø2	Ø4	Ø6	Ø8	Ø10	Ø13	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50
S吸盘尺寸的面积cm ²	0.03	0.13	0.28	0.50	0.79	1.33	2.01	3.14	4.91	8.04	12.6	19.6
真空压力 kPa	-85	0.27	1.07	2.40	4.27	6.67	11.3	17.1	26.7	41.7	68.3	107
	-80	0.25	1.00	2.26	4.02	6.28	10.6	16.1	25.1	39.3	64.3	101
	-75	0.24	0.94	2.12	3.77	5.89	10.0	15.1	23.6	36.8	60.3	95
	-70	0.22	0.88	1.98	3.52	5.50	9.3	14.1	22.0	34.3	56.3	88
	-65	0.20	0.82	1.84	3.27	5.10	8.6	13.1	20.4	31.9	52.2	82
	-60	0.19	0.75	1.70	3.01	4.71	8.0	12.1	18.8	29.4	48.2	76
	-55	0.17	0.69	1.55	2.76	4.32	7.3	11.1	17.3	27.0	44.2	69
	-50	0.16	0.63	1.41	2.51	3.93	6.7	10.0	15.7	24.5	40.2	63
	-45	0.14	0.57	1.27	2.26	3.53	6.0	9.0	14.1	22.1	36.2	57
-40	0.13	0.50	1.13	2.01	3.14	5.3	8.0	12.6	19.6	32.2	50	

吸盘尺寸 (Ø63—Ø340)

单位:N

吸盘尺寸(mm)	Ø63	Ø80	Ø100	Ø125	Ø150	Ø250	Ø300	Ø340
S吸盘尺寸的面积cm ²	31.2	50.2	78.5	122.7	176.6	490.6	706.5	907.5
真空压力 kPa	-85	265	427	667	1043	1501	4170	6005
	-80	250	402	628	982	1413	3925	5652
	-75	234	377	589	920	1325	3680	5299
	-70	218	351	550	859	1236	3434	4946
	-65	203	326	510	798	1148	3189	4592
	-60	187	301	471	736	1060	2944	4239
	-55	172	276	432	675	971	2698	3886
	-50	156	251	393	614	883	2453	3533
	-45	140	226	353	552	795	2208	3179
-40	125	201	314	491	706	1962	2826	

吸盘尺寸 (2X4~8X30)

单位:N

吸盘尺寸(mm)	2X4	3.5X7	4X10	5X10	6X10	4X20	5X20	6X20	8X20	4X30	5X30	6X30	8X30
S吸盘尺寸的面积cm ²	0.07	0.21	0.36	0.44	0.52	0.76	0.94	1.12	1.46	1.16	1.44	1.72	2.26
真空压力 kPa	-85	0.60	1.79	3.06	3.74	4.42	6.46	7.99	9.52	12.41	9.86	12.24	14.62
	-80	0.56	1.68	2.88	3.52	4.16	6.08	7.52	8.96	11.68	9.28	11.52	13.76
	-75	0.53	1.58	2.70	3.30	3.90	5.70	7.05	8.40	10.95	8.70	10.80	12.90
	-70	0.49	1.47	2.52	3.08	3.64	5.32	6.58	7.84	10.22	8.12	10.08	12.04
	-65	0.46	1.37	2.34	2.86	3.38	4.94	6.11	7.28	9.49	7.54	9.36	11.18
	-60	0.42	1.26	2.16	2.64	3.12	4.56	5.64	6.72	8.76	6.96	8.64	10.32
	-55	0.39	1.16	1.98	2.42	2.86	4.18	5.17	6.16	8.03	6.38	7.92	9.46
	-50	0.35	1.05	1.80	2.20	2.60	3.80	4.70	5.60	7.30	5.80	7.20	8.60
	-45	0.32	0.95	1.62	1.98	2.34	3.42	4.23	5.04	6.57	5.22	6.48	7.74
-40	0.28	0.84	1.44	1.76	2.08	3.04	3.76	4.48	5.84	4.64	5.76	6.88	

● 橡胶材质与特性

一般名	NRB (丁腈橡胶)	硅橡胶	聚氨酯橡胶	FKM (氟橡胶)	CR (氯丁橡胶)	EPR (乙丙橡胶)	导电性NRB(丁腈橡胶)	导电性硅橡胶	导电性硅橡胶海绵	导电性CR海绵 (氯丁橡胶)	
主要特点	耐油性、耐磨耗性、耐老化性良。	耐热性与耐寒性优先	强度性能优良	最高的耐热性与耐化学性	拥有耐候性、耐臭氧性、耐化学品的性质。	耐老化性、耐臭氧性、电气的性质良。	耐油性、耐磨耗性、耐老化性良。具有导电性	高程度的耐热与耐寒性优。具有导电性。	耐热性、回弹性优。	回弹性、隔音性优。有不易燃性	
纯橡胶的性质(比重)	1.00-1.20	0.95-0.98	1.00-1.30	1.80-1.82	1.15-1.25	0.86-0.87	1.00-1.20	0.95-0.98	0.4g/cm ³	0.161g/cm ³	
配合橡胶的物理性质	回弹性	○	⊗	⊗	△	⊗	○	○	⊗	×~△	×~△
	耐磨耗性	⊗	×~△	⊗	⊗	⊗	○	⊗	×~△	×	×
	撕裂阻抗	○	×~△	⊗	○	○	△	○	×~△	×	×
	耐弯曲龟裂性	○	△~○	⊗	○	○	○	○	×~○	×	×
	最高使用温度°C	120	200	60	250	150	150	100	200	180	120
	最低使用温度°C	0	-30	0	0	-40	-20	0	-10	-30	-20
	体积固有阻抗(Ωcm)	-	-	-	-	-	-	10 ⁴ 以下	10 ⁴ 以下	4.8×10 ⁴	3.8×10 ⁴
	热老化性	○	⊗	△	⊗	○	○	○	⊗	△	△
	耐候性	○	⊗	⊗	⊗	⊗	○	○	⊗	△	△
	耐臭氧性	△	⊗	⊗	⊗	○	⊗	△	⊗	△	△
耐气体透过性	○	×~△	×~△	×~△	○	×~△	○	×~△	×	×	
耐油性、耐油性	汽油、轻油	⊗	×~△	⊗	⊗	○	×	⊗	×~△	×	×
	苯、甲苯	×~△	×	×~△	⊗	×~△	×	×~△	×	×	×
	乙醇	⊗	⊗	△	△~⊗	⊗	⊗	⊗	⊗	△	△
	乙醚	×~△	×~△	×	×~△	×~△	○	×~△	×~△	×	×
	酮(MEK)	×	○	×	×	△~○	⊗	×	○	×	×
	醋酸乙基	×~△	△	×~△	×	×~△	⊗	×~△	△	×	×
耐碱性、耐酸	水	⊗	○	△	⊗	⊗	⊗	⊗	○	○	○
	有机酸	×~△	○	×	△~○	×~△	×	×~△	○	×	×
	高浓度有机酸	△~○	△	×	⊗	○	○	△~○	△	×	×
	低浓度有机酸	○	○	△	⊗	⊗	⊗	○	○	×	×
	强碱	○	⊗	×	○	⊗	⊗	○	⊗	△	△
弱碱	○	⊗	×	○	⊗	⊗	○	⊗	△	△	

◎=优...完全,或几乎没有影响

○=良...有若干影响,根据条件可充分使用

△=可...尽量不要使用

×=不可...有强烈的影响,不适合使用

*记载的悟性,耐化学性以及其它数值非保证值。

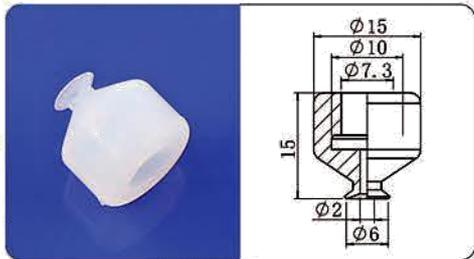
因使用环境的不用会有很大的出入,本公司不作任何保证,情充分调查确认使用。

● 橡胶材质识别

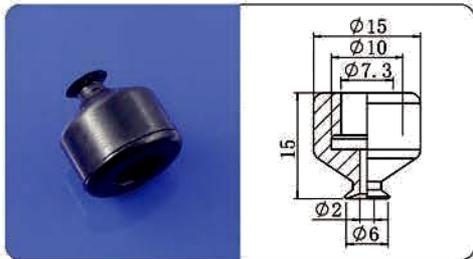
一般名	NRB 丁腈橡胶	硅橡胶	聚氨酯橡胶	FKM (氟橡胶)	CR (氯丁橡胶)	EPR (乙丙橡胶)	导电性NRB (丁腈橡胶)	导电性硅橡胶	导电性硅橡胶海绵	导电性CR海绵 (氯丁橡胶)
橡胶色	黑	白色	茶	黑	黑	黑	黑	黑	黑	黑
识别(点或压痕)	—	—	—	·绿色1点 ·⊕	·红色1点 ·⊙	·⊕	·银色1点	·银色2点	—	—

真空吸盘系列

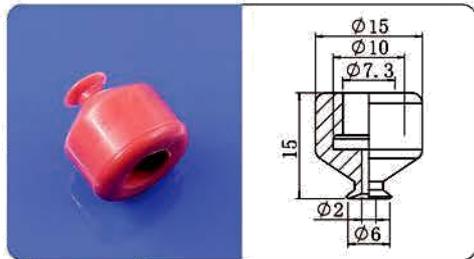
天行大头吸盘系列



HSP-6 白色(S)

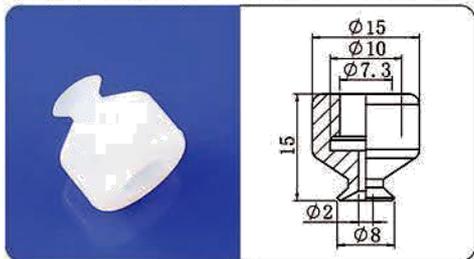


HSP-6 黑色(N)

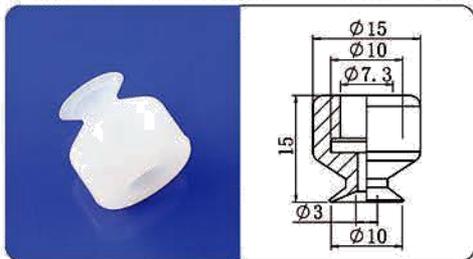


HSP-6 红色(R)

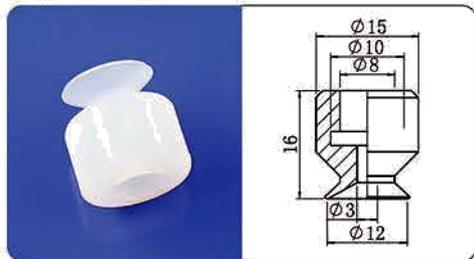
S:白色 硅橡胶 N:黑色 丁腈橡胶 R:红色 硅胶材质 多种款式 非标可定做



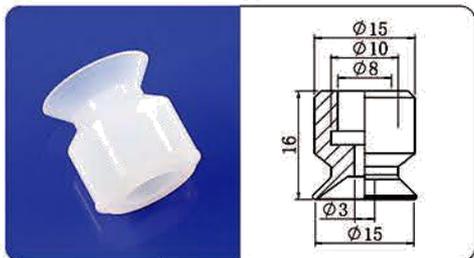
HSP-8



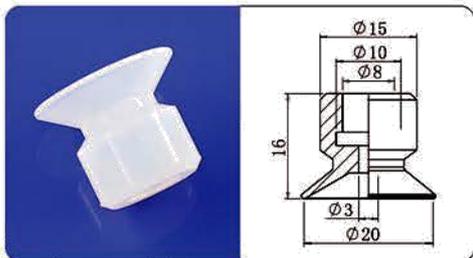
HSP-10



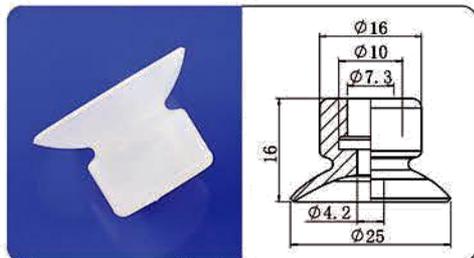
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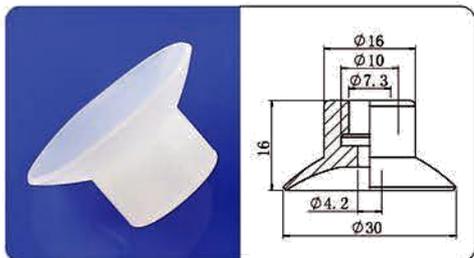
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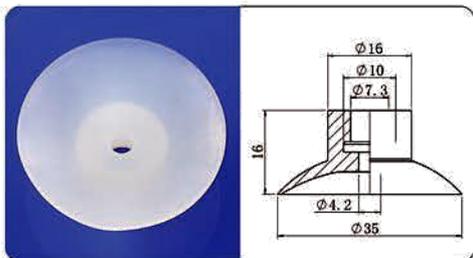
HSP-20



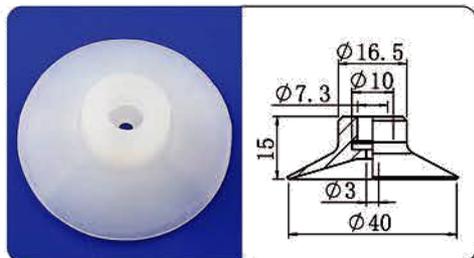
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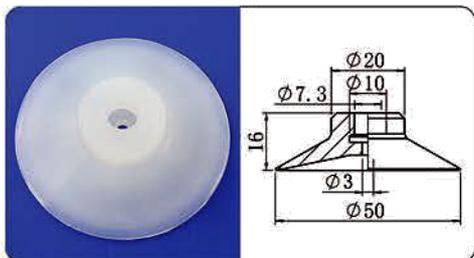
HSP-30



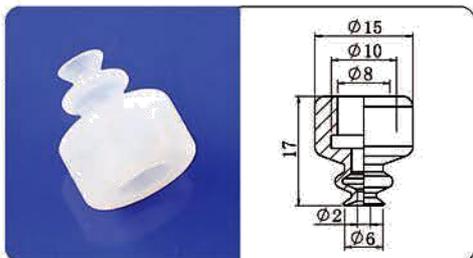
HSP-35



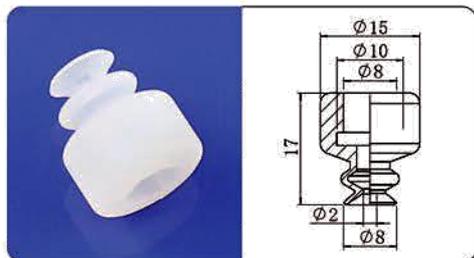
HSP-40



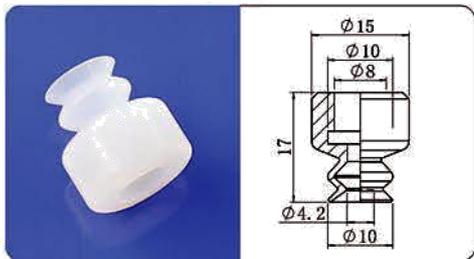
HSP-50



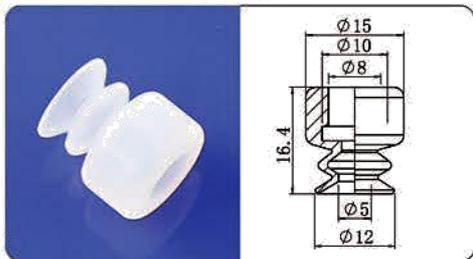
HSP-6-2



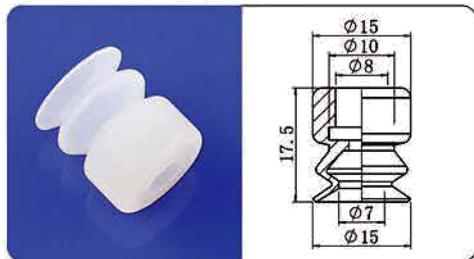
HSP-8-2



HSP-10-2

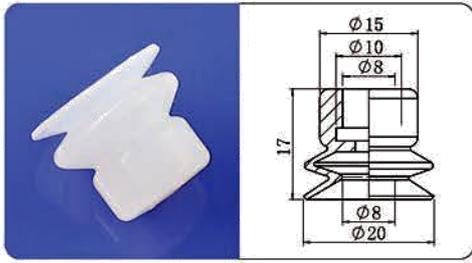


HSP-12-2

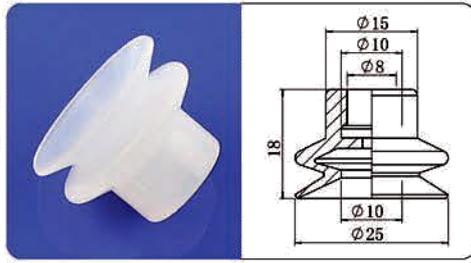


HSP-15-2

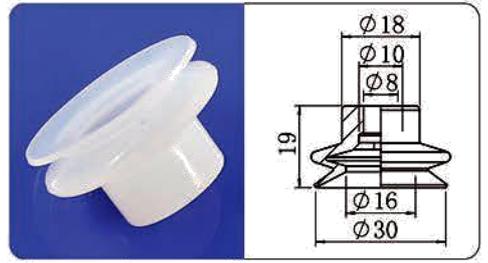
天行大头吸盘系列



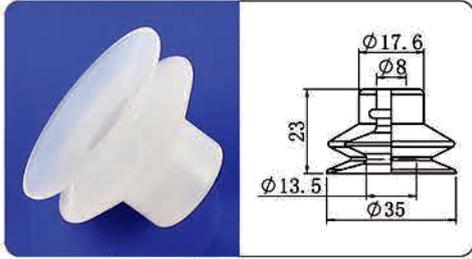
HSP-20-2



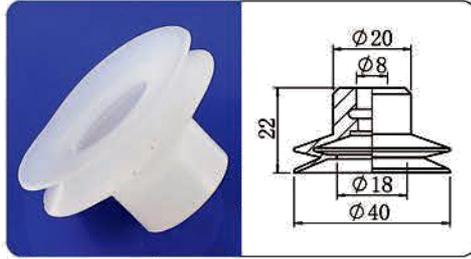
HSP-25-2



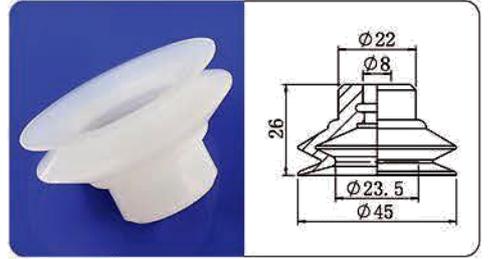
HSP-30-2



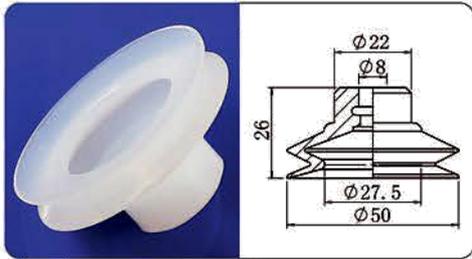
HSP-35-2



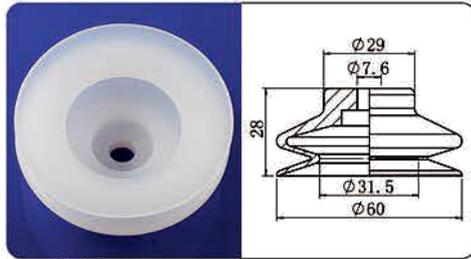
HSP-40-2



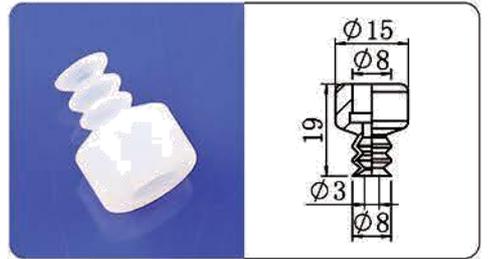
HSP-45-2



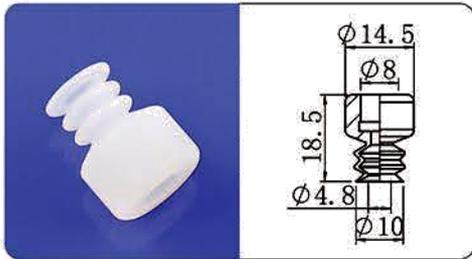
HSP-50-2



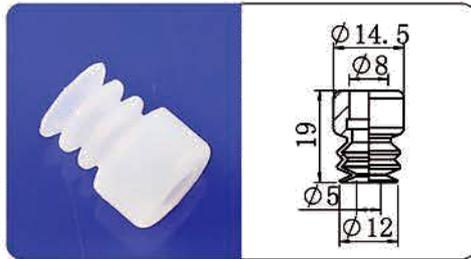
HSP-60-2



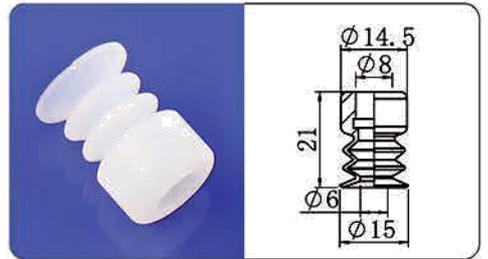
HSP-8-3



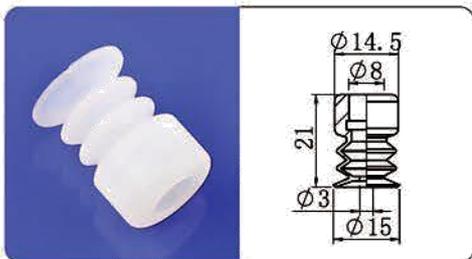
HSP-10-2



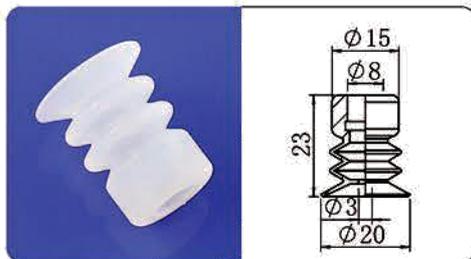
HSP-12-3



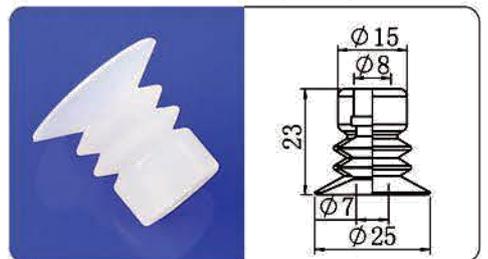
HSP-15-3(大孔)



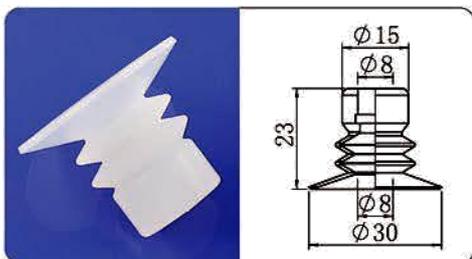
HSP-15-3X(小孔)



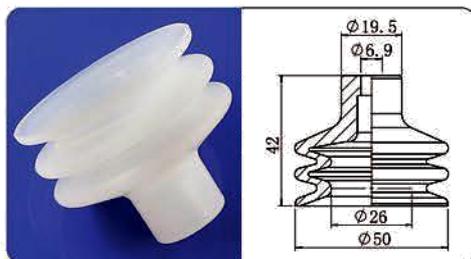
HSP-20-3



HSP-25-3



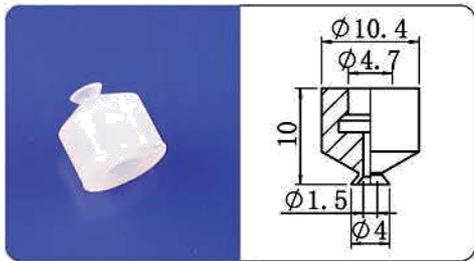
HSP-30-3



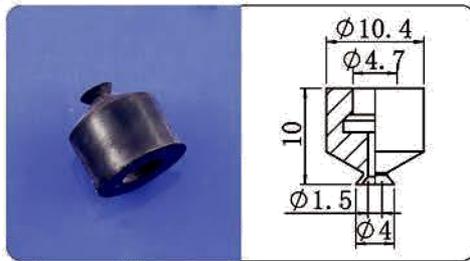
HSP-50-3

型号齐全 非标可定做

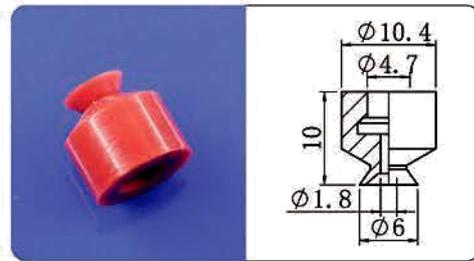
天行小头吸盘系列



SP-4 白色(S)

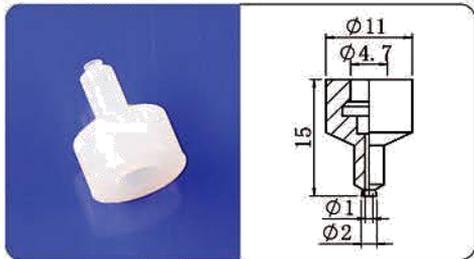


SP-4 黑色(N)

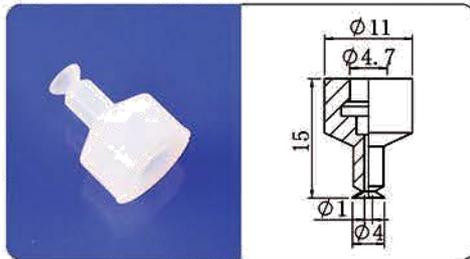


SP-6 红色(R)

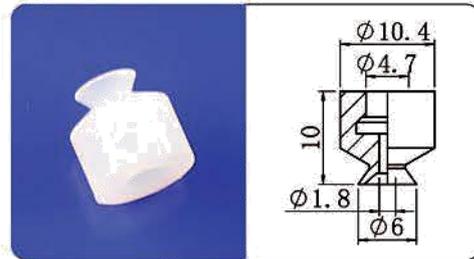
S:白色 硅橡胶 N:黑色 丁腈橡胶 R:红色 硅胶材质 多种款式 非标可定做



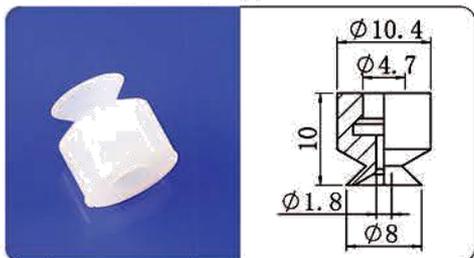
SPL-2



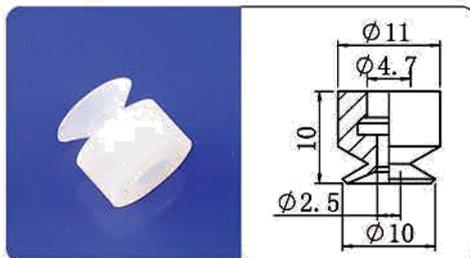
SPL-4



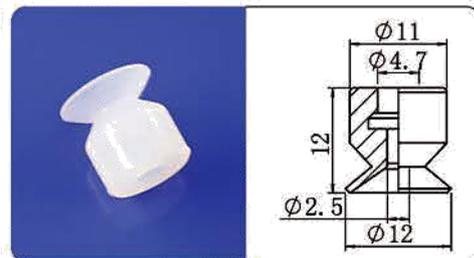
SP-6



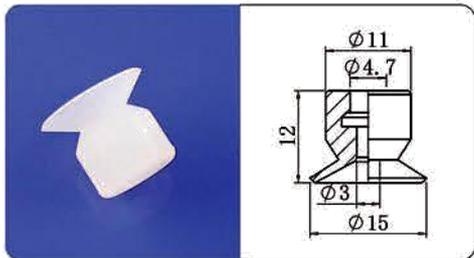
SP-8



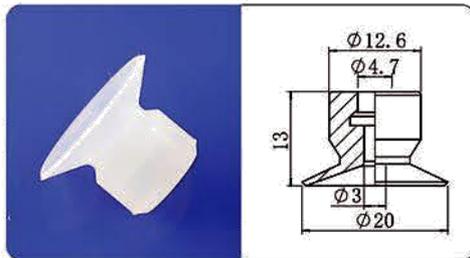
SP-10



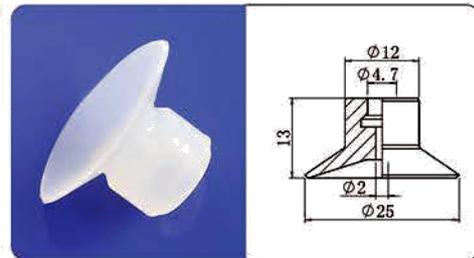
SP-12



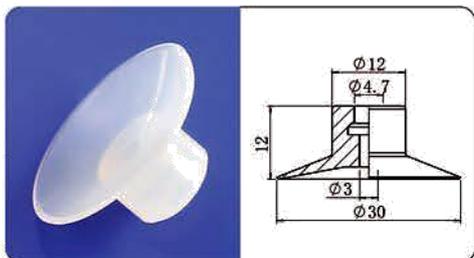
SP-15



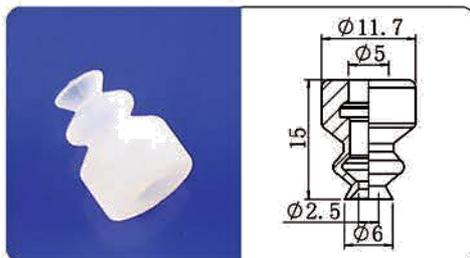
SP-20



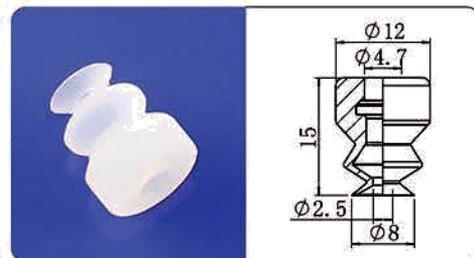
SP-25



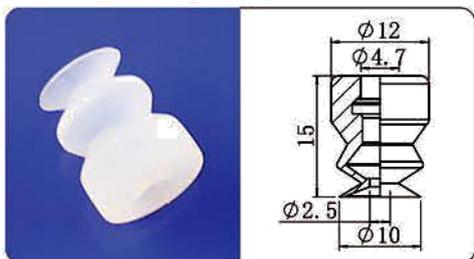
SP-30



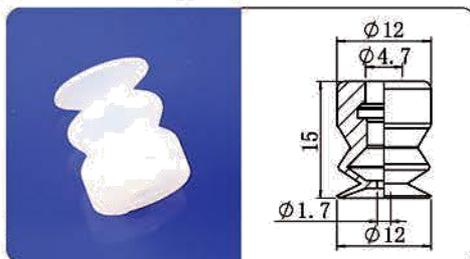
SP-6-2



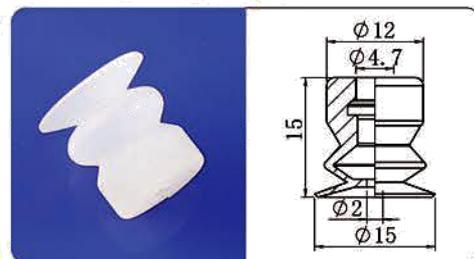
SP-8-2



SP-10-2

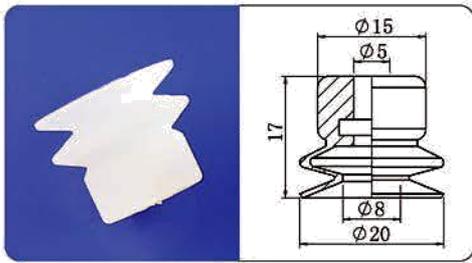


SP-12-2

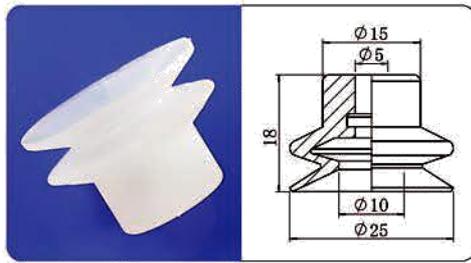


SP-15-2

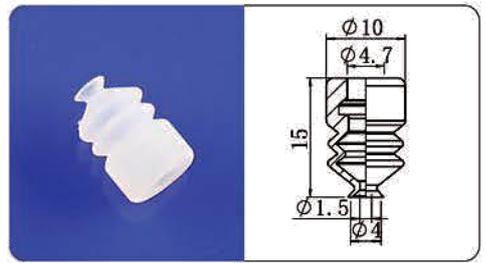
真空吸盘系列



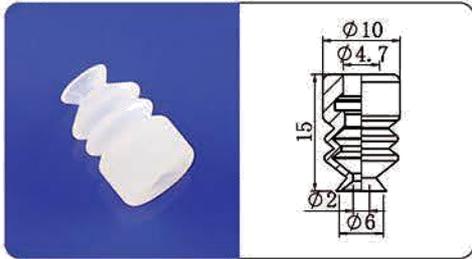
SP-20-2



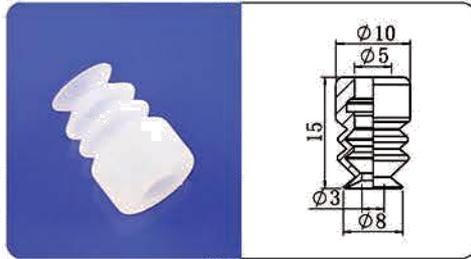
SP-25-2



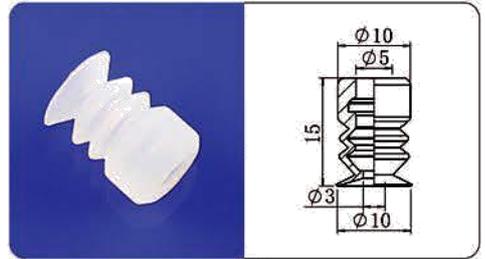
SP-4-3



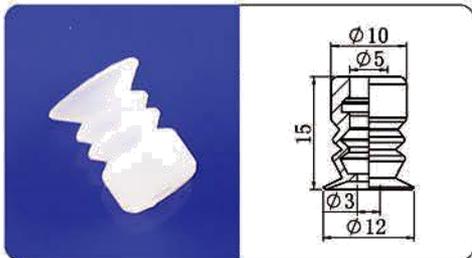
SP-6-3



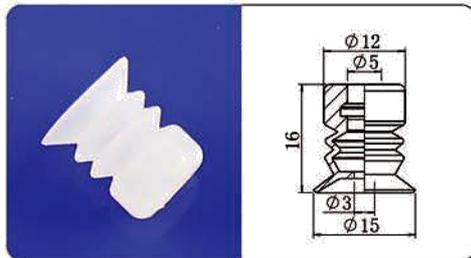
SP-8-3



SP-10-3



SP-12-3



SP-15-3

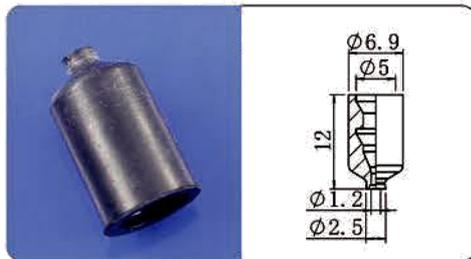
型号齐全 非标可定做

○ SMC CP系列平形(U)系列

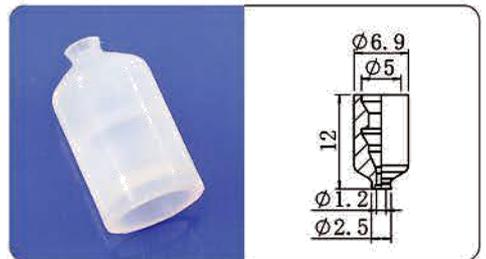
S:白色 硅橡胶

N:黑色 丁腈橡胶

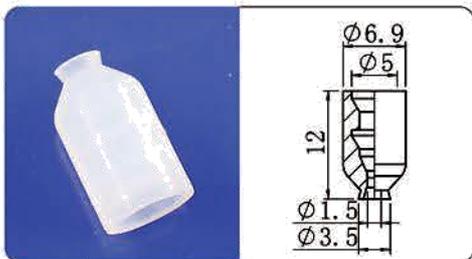
多种款式 非标可定做



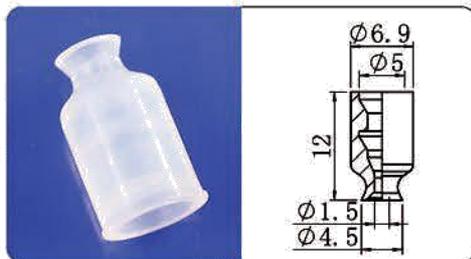
CP-02UN



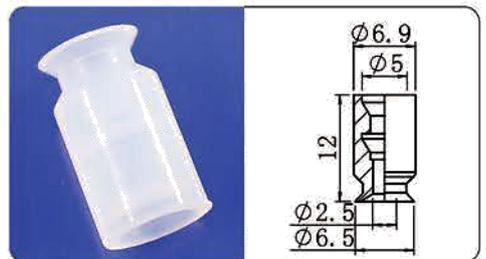
CP-02US



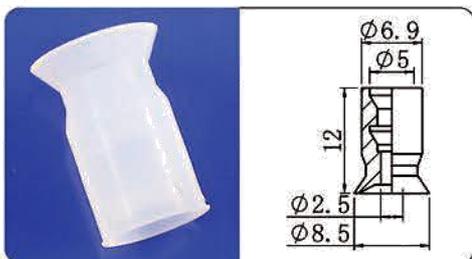
CP-03U



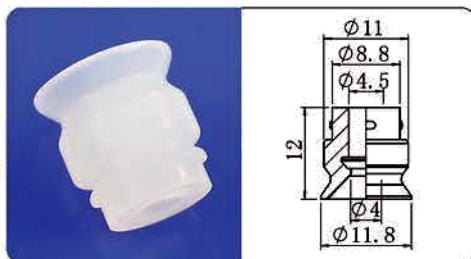
CP-04U



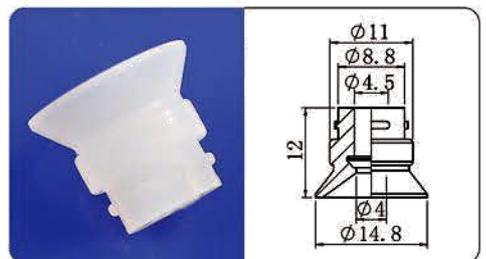
CP-06U



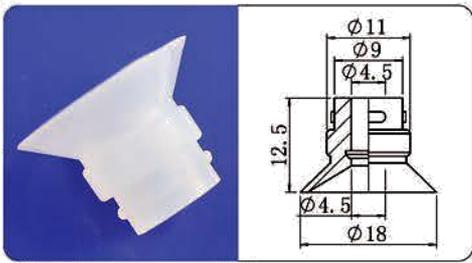
CP-08U



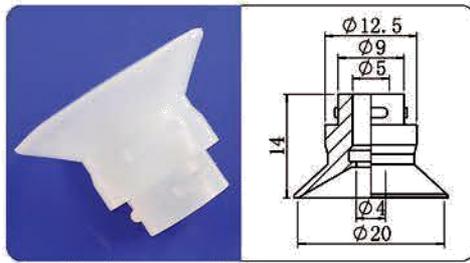
CP-10U



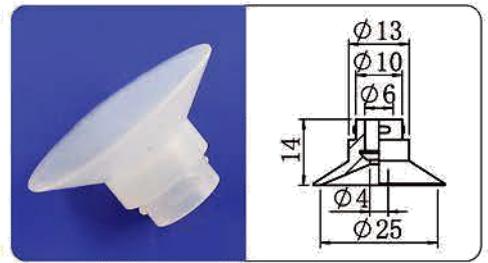
CP-13U



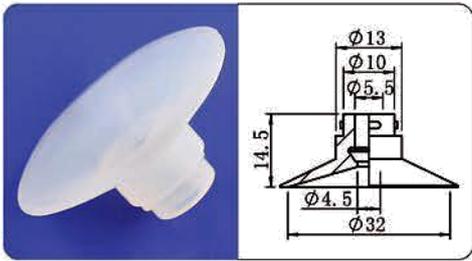
CP-16U



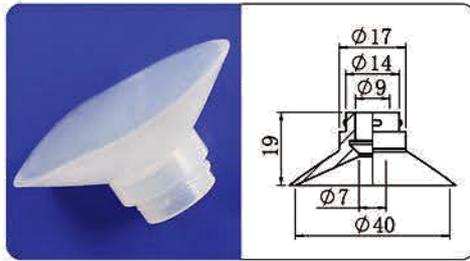
CP-20U



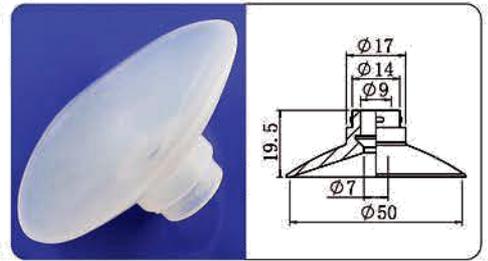
CP-25U



CP-32U



CP-40U



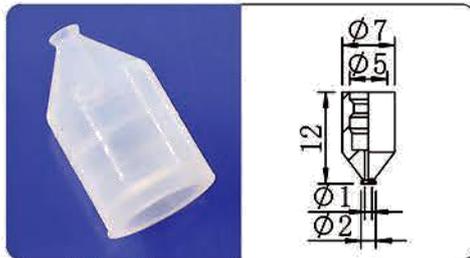
CP-50U

SMC CP迷你吸盘系列

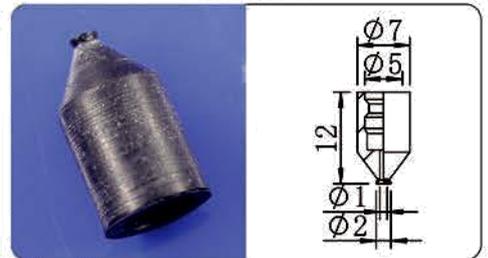
S:白色 硅橡胶

N:黑色 丁腈橡胶

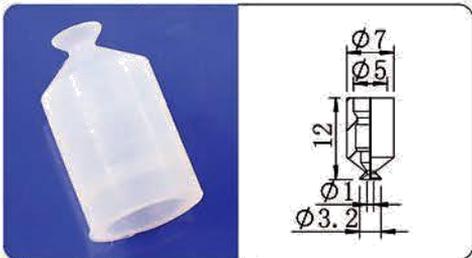
多种款式 非标可定做



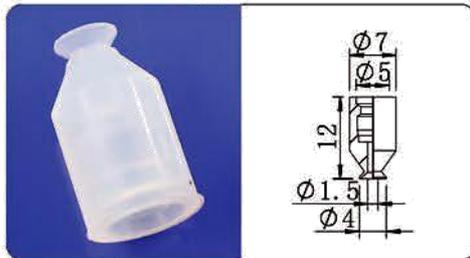
CP-2S



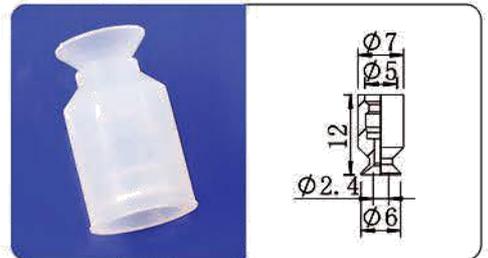
CP-2N



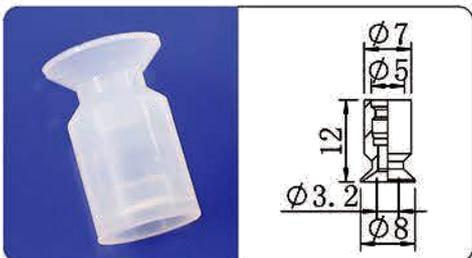
CP-3



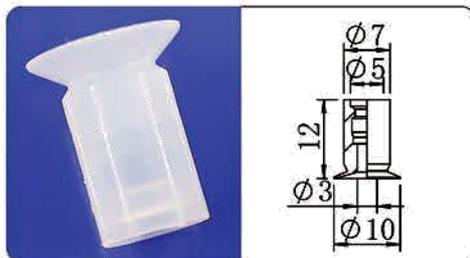
CP-4



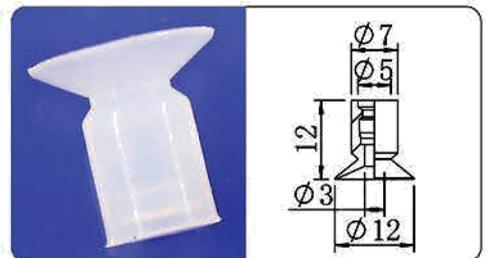
CP-6



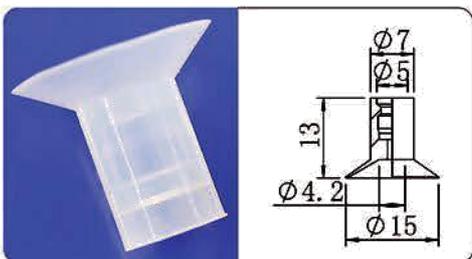
CP-8



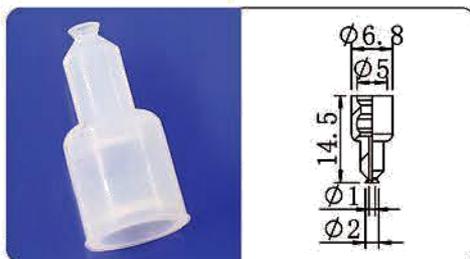
CP-10



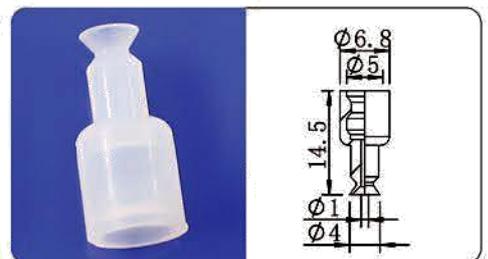
CP-12



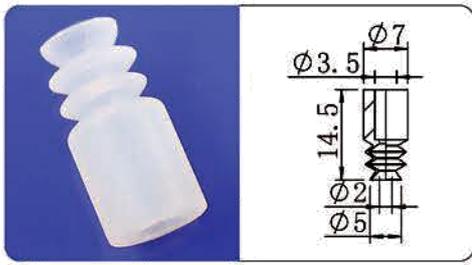
CP-15



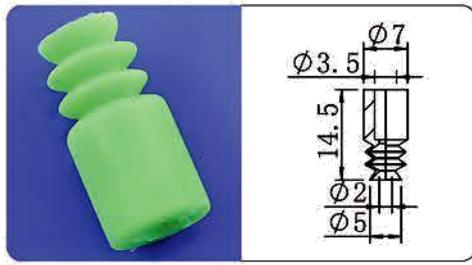
CPL-2



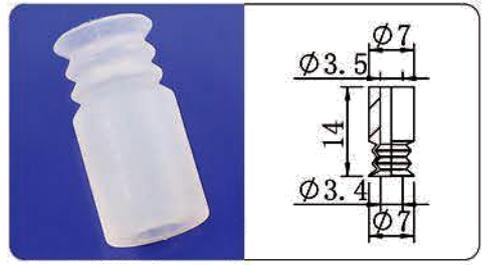
CPL-4



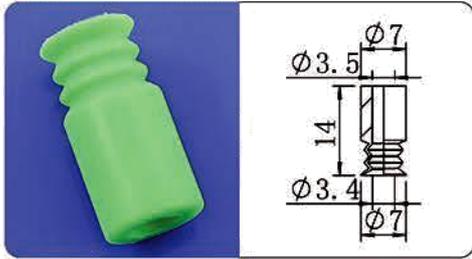
BT-5S



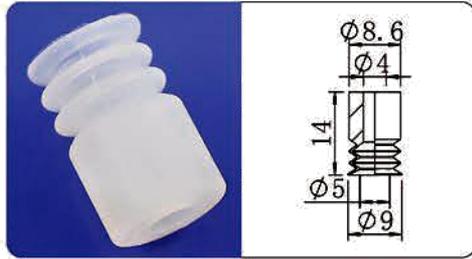
BT-5绿



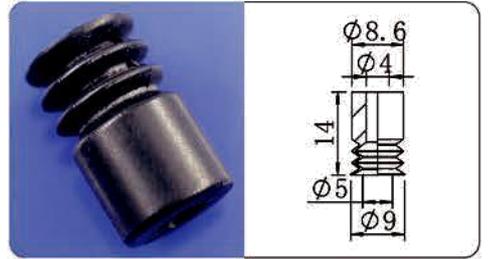
BT-7S



BT-7绿



BT-9S



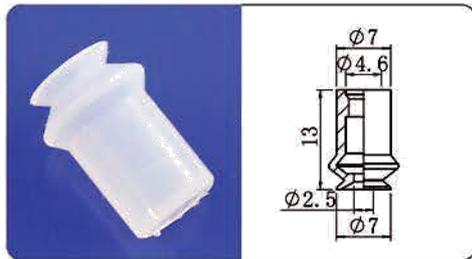
BT-9N

○SMC B风琴型吸盘系列

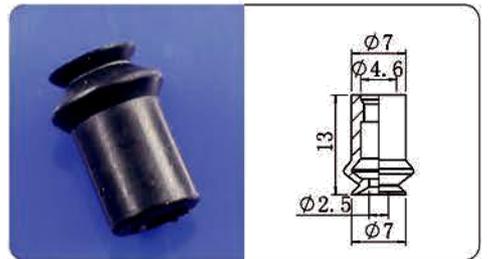
S:白色 硅橡胶

N:黑色 丁腈橡胶

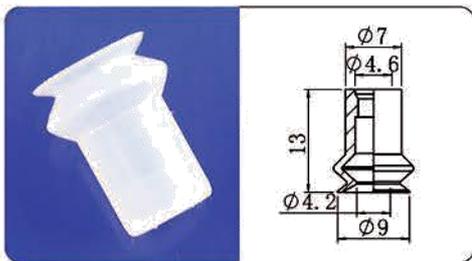
多种款式 非标可定做



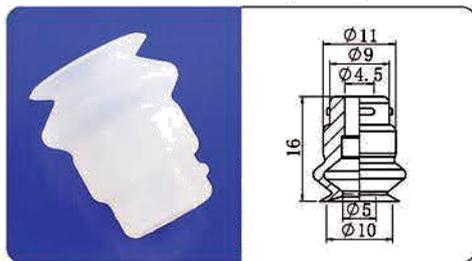
CP-06BS(白色)



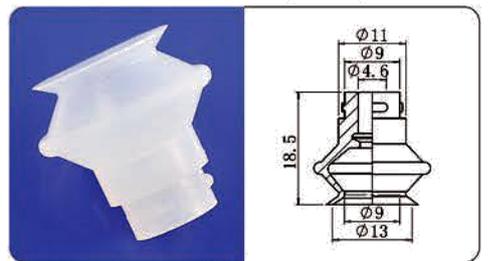
CP-06BN(黑色)



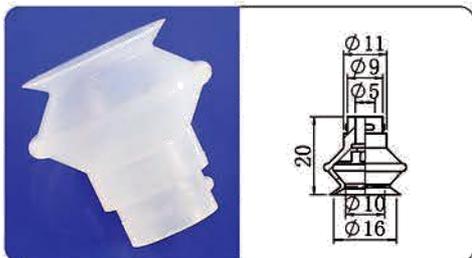
CP-08B



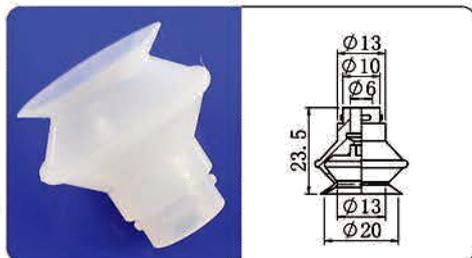
CP-10B



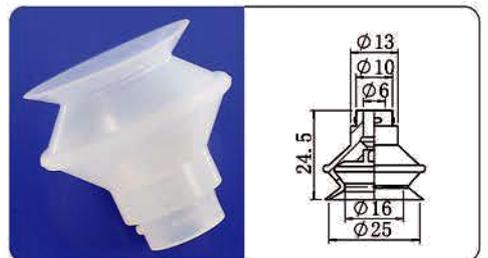
CP-13B



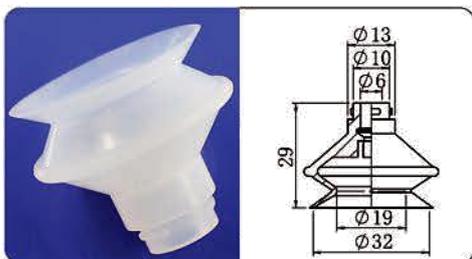
CP-16B



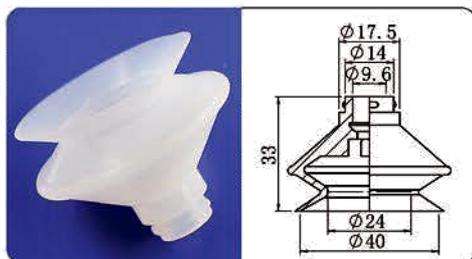
CP-20B



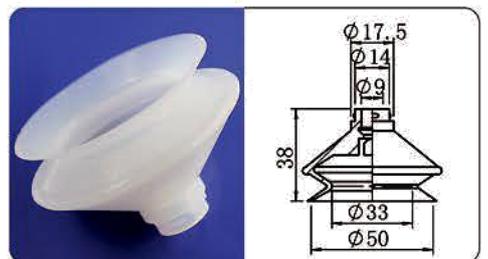
CP-25B



CP-32B



CP-40B



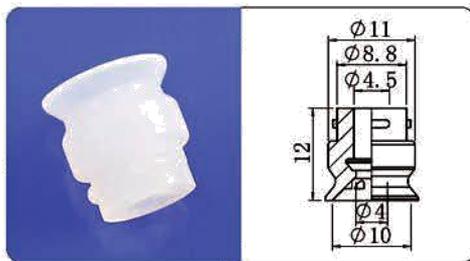
CP-50B

◎ SMC C型(带肋)吸盘系列

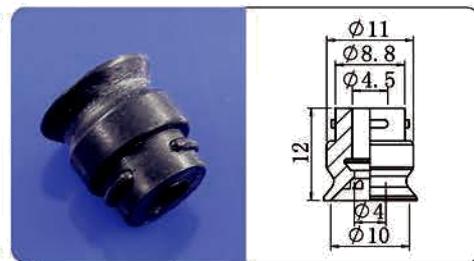
S:白色 硅橡胶

N:黑色 丁腈橡胶

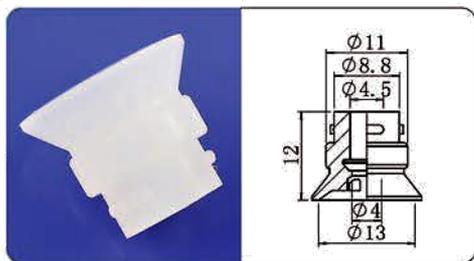
多种款式 非标可定做



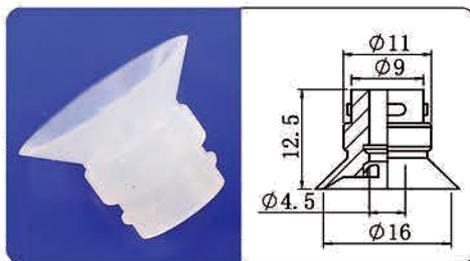
CP-10CS



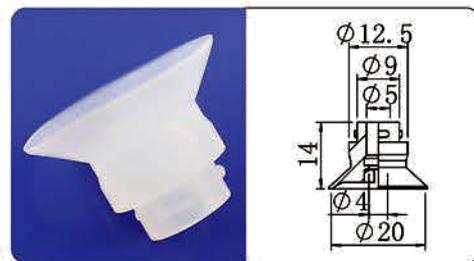
CP-10CN



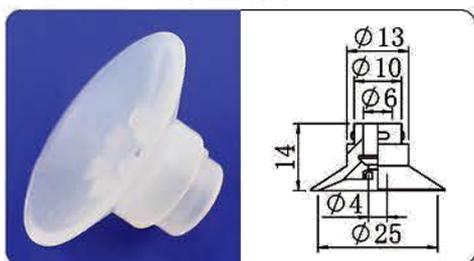
CP-13C



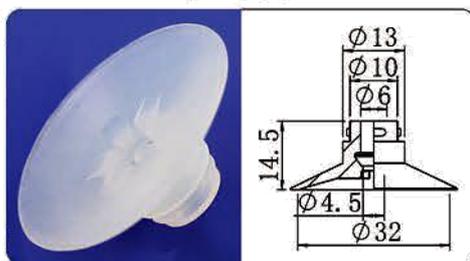
CP-16C



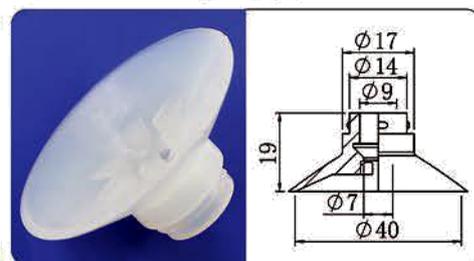
CP-20C



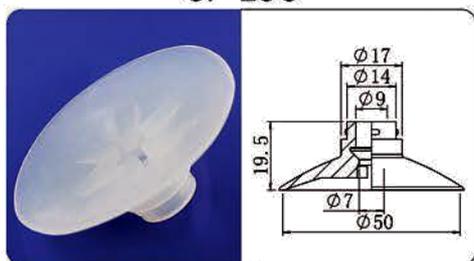
CP-25C



CP-32C



CP-40C



CP-50C



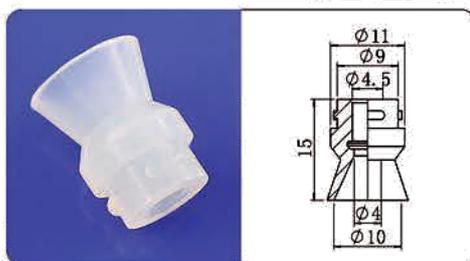
吸盘 金具 压环 型号配件齐全

◎ SMC D型(深形)吸盘系列

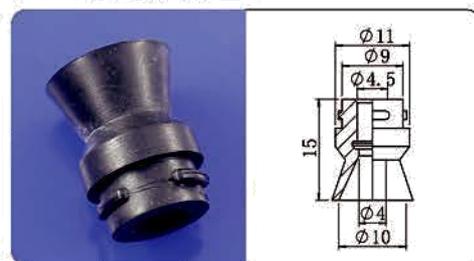
S:白色 硅橡胶

N:黑色 丁腈橡胶

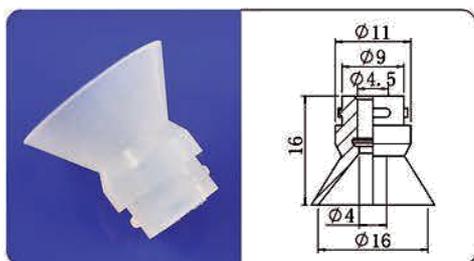
多种款式 非标可定做



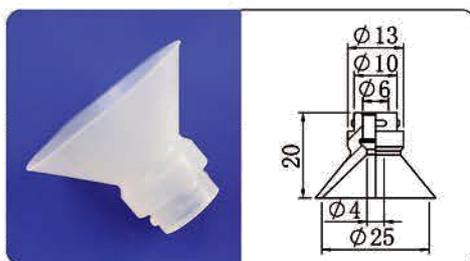
CP-10DS



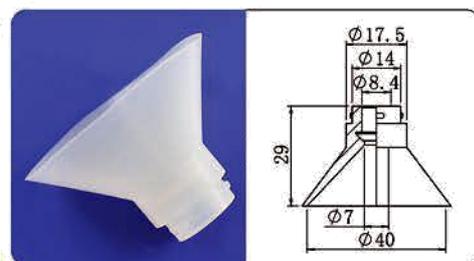
CP-10DN



CP-16D



CP-25D



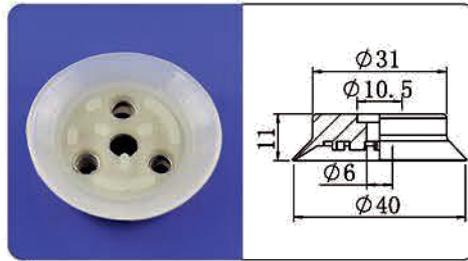
CP-40D

○SMC H型(重载)吸盘系列

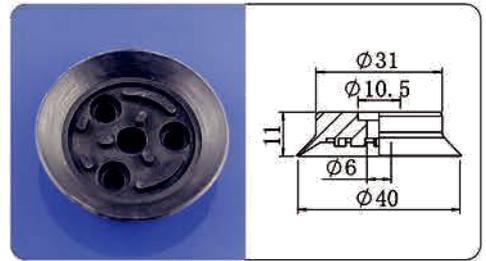
S:白色 硅橡胶

N:黑色 丁腈橡胶

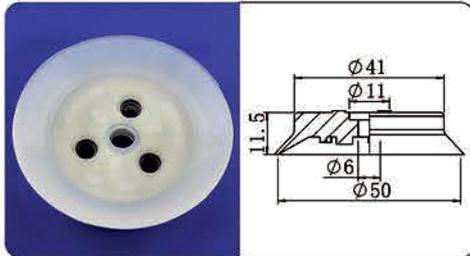
多种款式 非标可定做



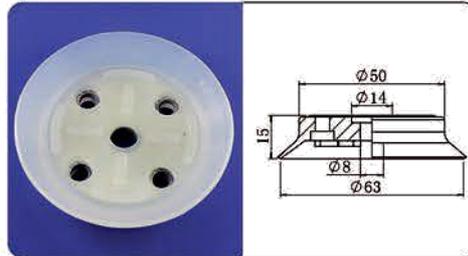
CP-40HS



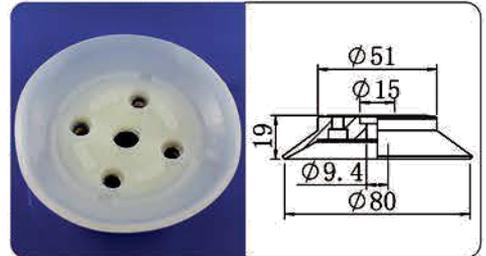
CP-40HN



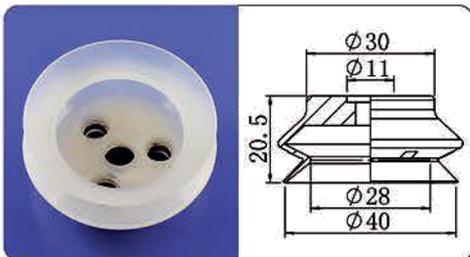
CP-50H



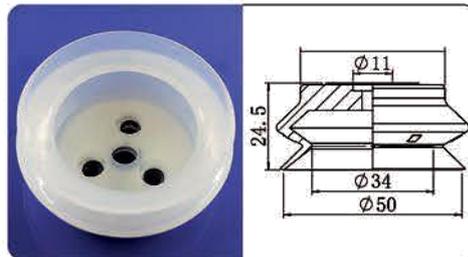
CP-63H



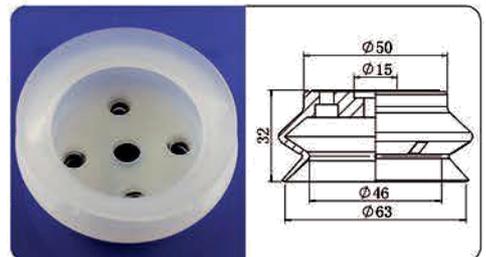
CP-80H



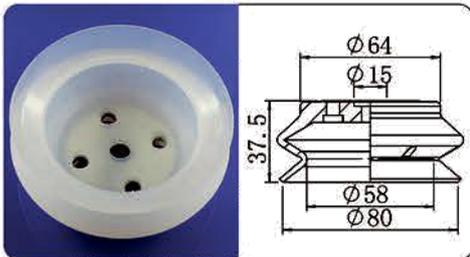
CP-40HB



CP-50HB



CP-63HB



CP-80HB



吸盘配套金具

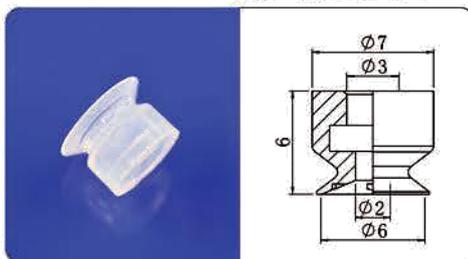
型号齐全 可定做

○SMC CP3新款吸盘系列

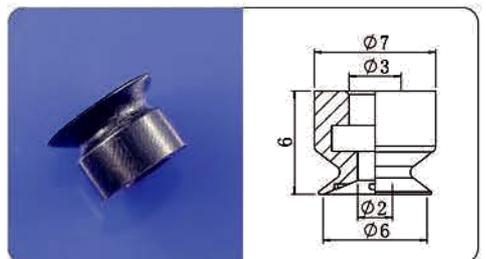
S:白色 硅橡胶

N:黑色 丁腈橡胶

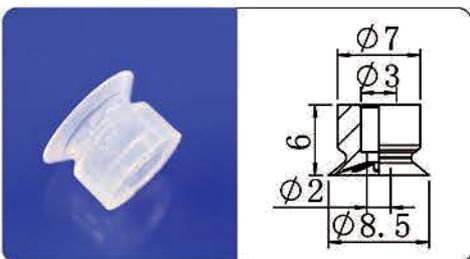
多种款式 非标可定做



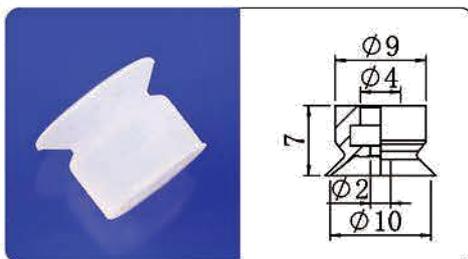
CP3-06UMS



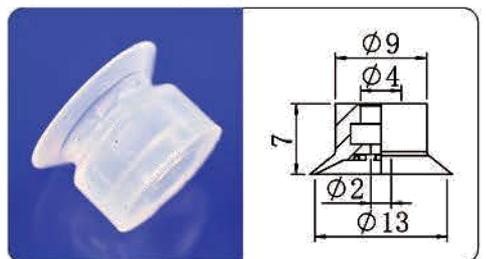
CP3-06UMN



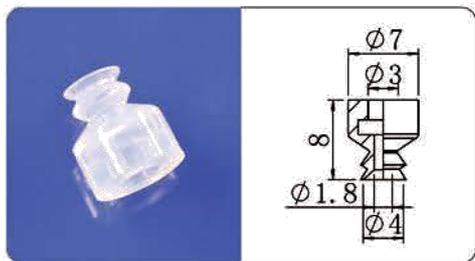
CP3-08UM



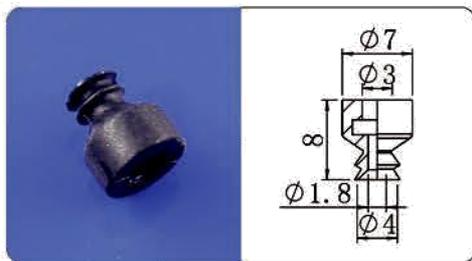
CP3-10UM



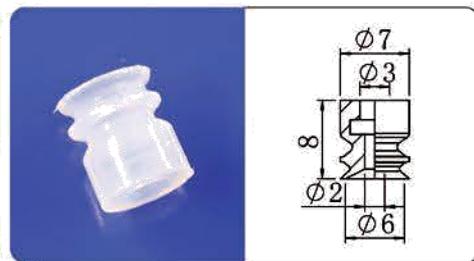
CP3-13UM



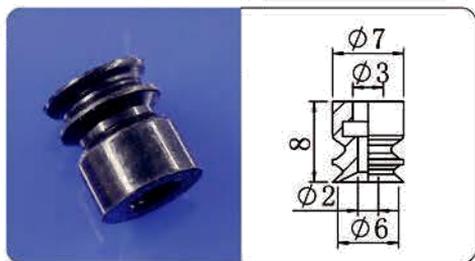
CP3-04BS



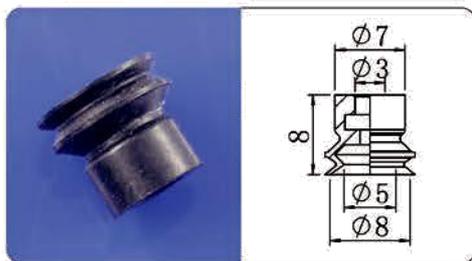
CP3-04BN



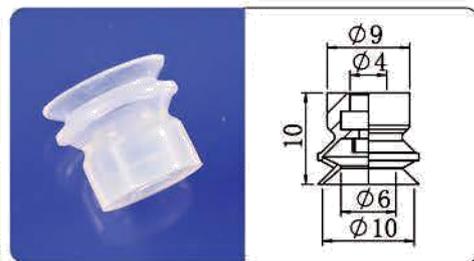
CP3-06BS



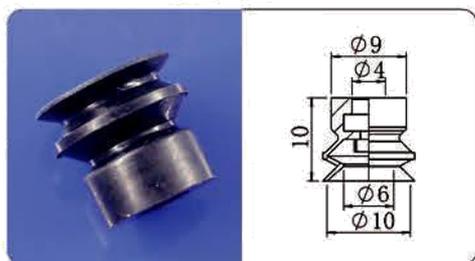
CP3-06BN



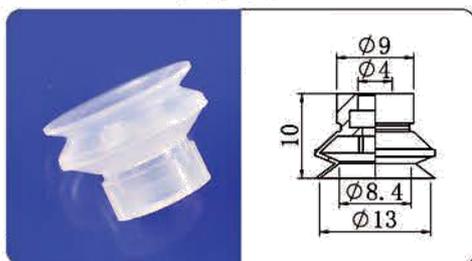
CP3-08BN



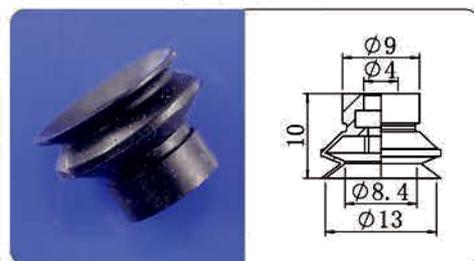
CP3-10BS



CP3-10BN

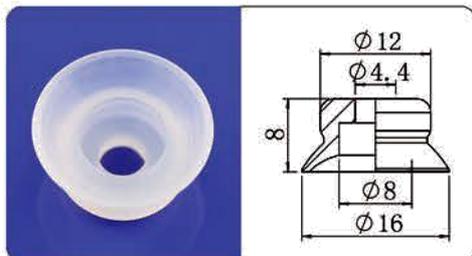


CP3-13BS

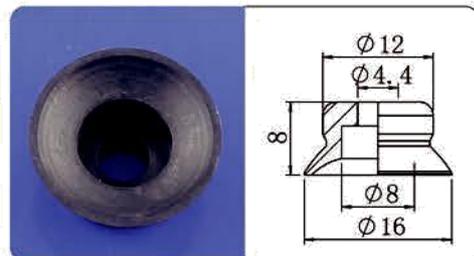


CP3-13BN

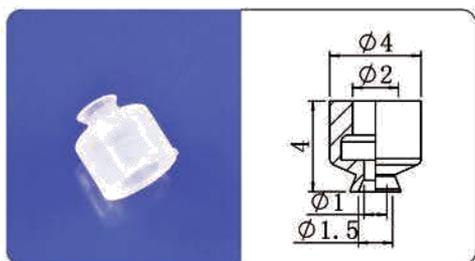
○妙德 PF吸盘系列
S:白色 硅橡胶
N:黑色 丁腈橡胶
多种款式 非标可定做



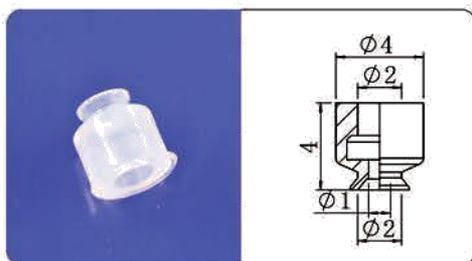
PF-15S



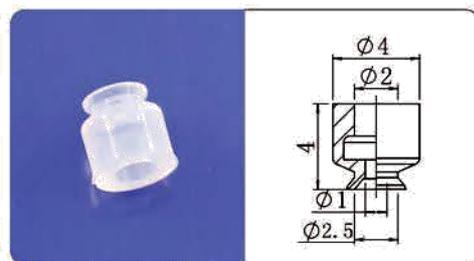
PF-15N



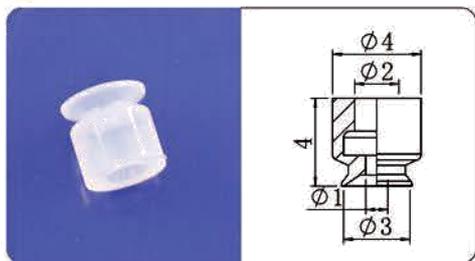
PF-1.5



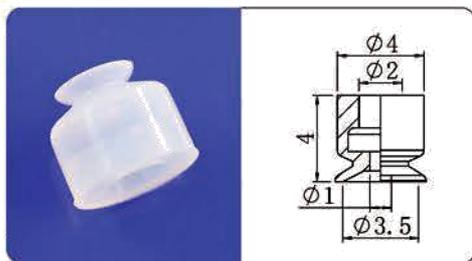
PF-2



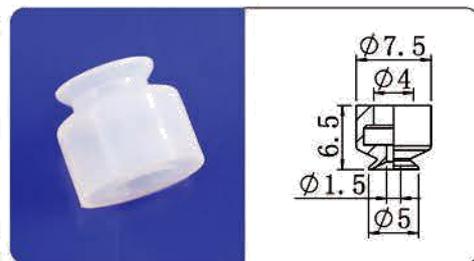
PF-2.5



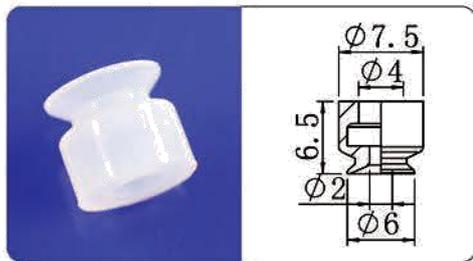
PF-3



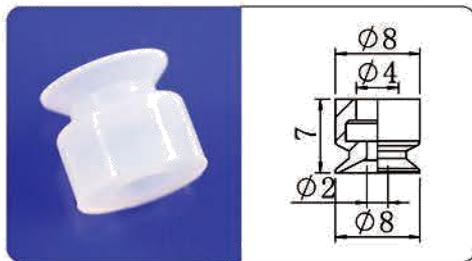
PF-3.5



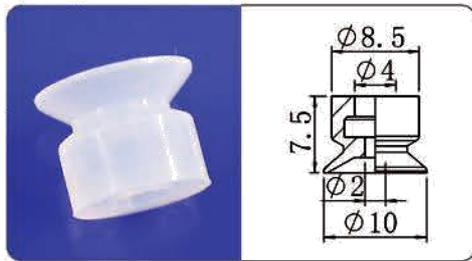
PF-5



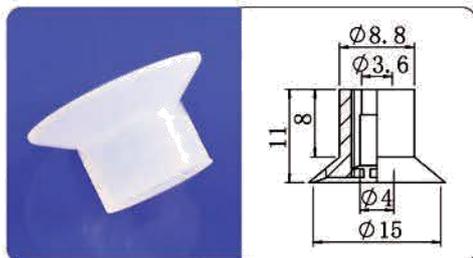
PF-6



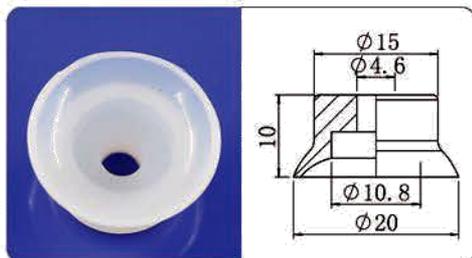
PF-8



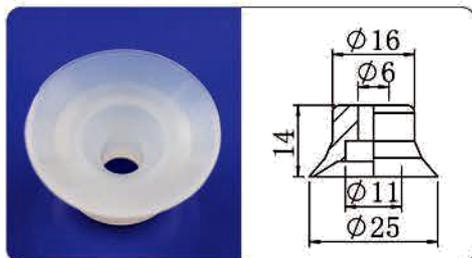
PF-10



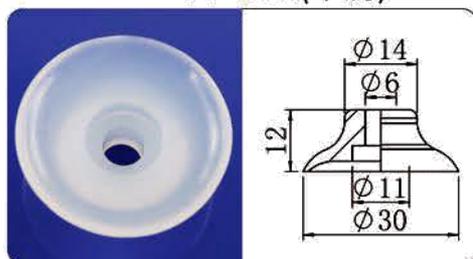
PF-15A(带肋)



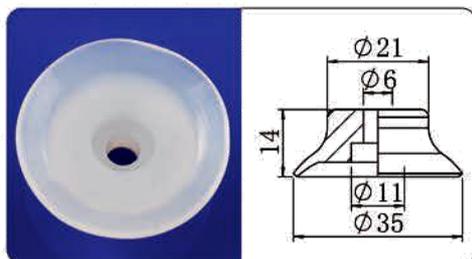
PF-20



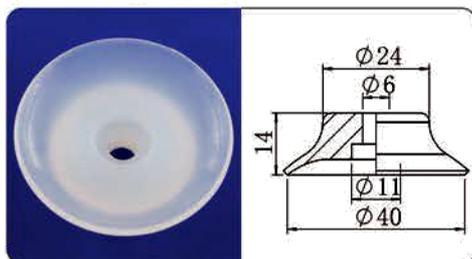
PF-25



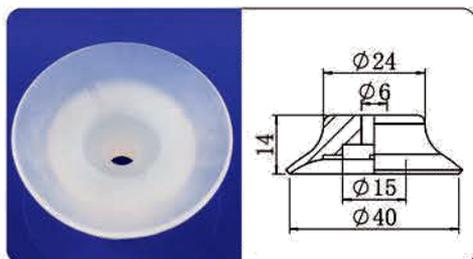
PF-30



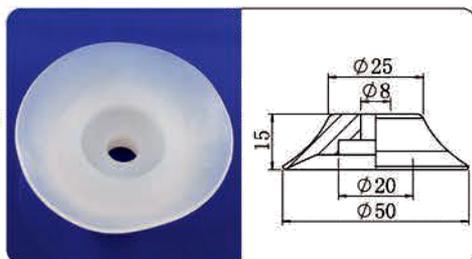
PF-35



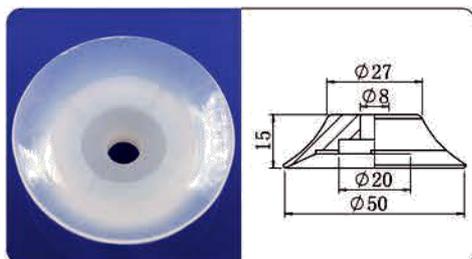
PF-40



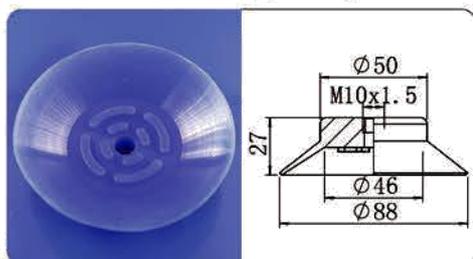
PF-40A(防滑)



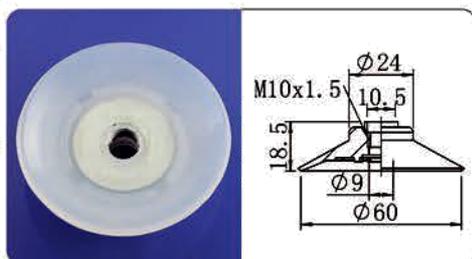
PF-50



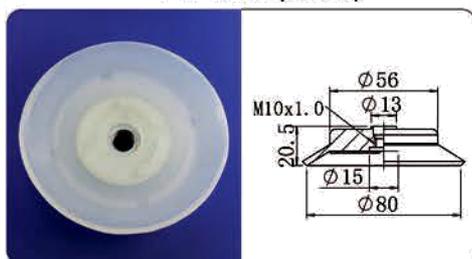
PF-50A(防滑)



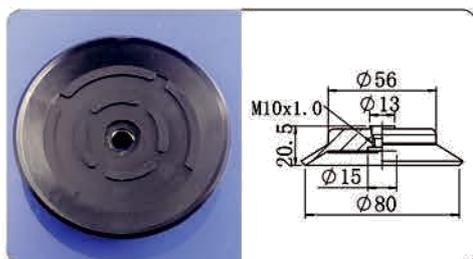
PA-88蓝色



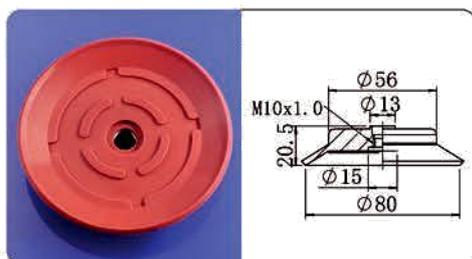
PF-60(1.0牙)



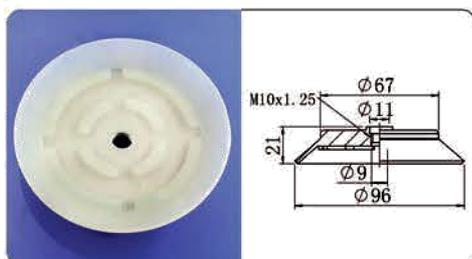
PF-80S



PF-80N



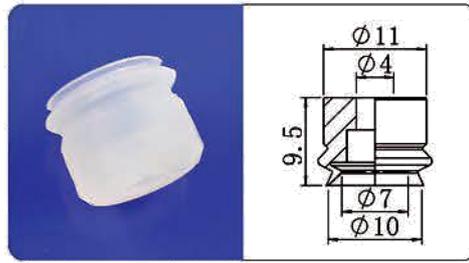
PF-80R(耐高温)



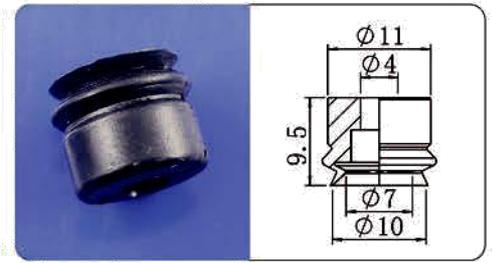
PF-95S

○妙德 PJG吸盘系列

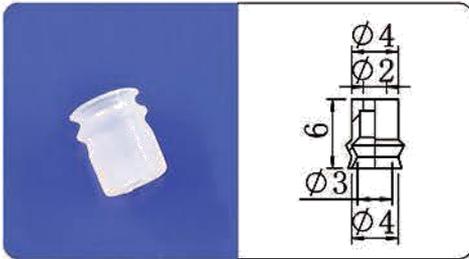
S:白色 硅橡胶
N:黑色 丁腈橡胶
多种款式 非标可定做



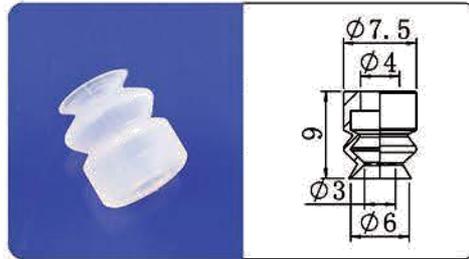
PJG-10S



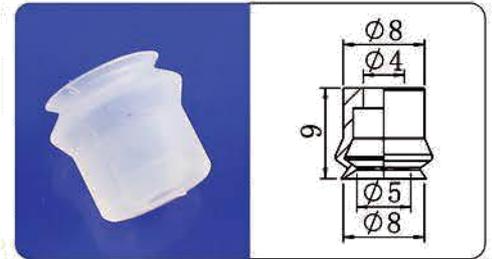
PJG-10N



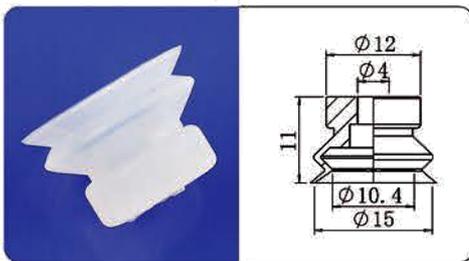
PJG-4



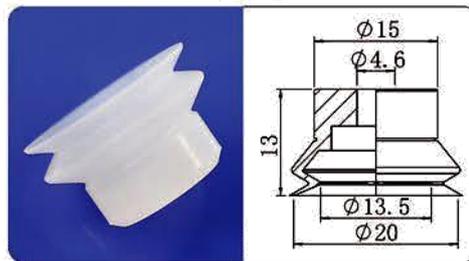
PJG-6



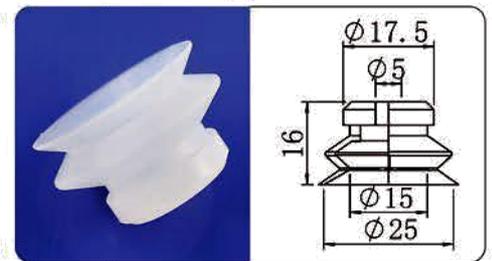
PJG-8



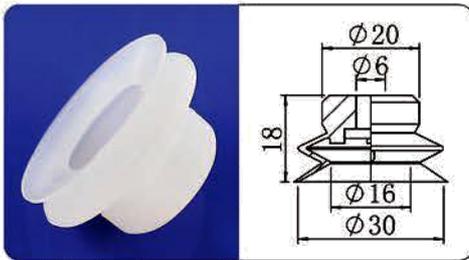
PJG-15



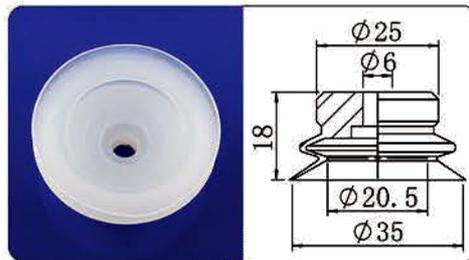
PJG-20



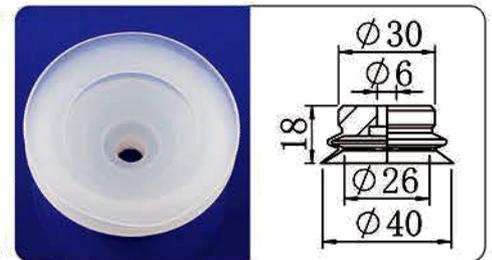
PJG-25



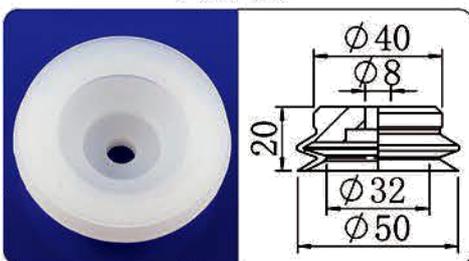
PJG-30



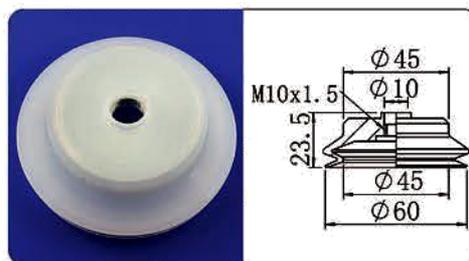
PJG-35



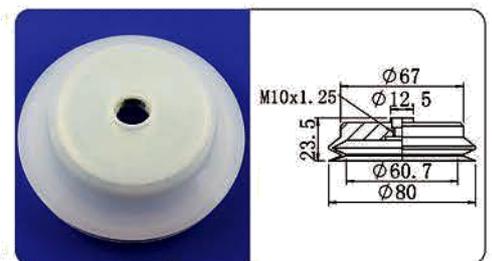
PJG-40



PJG-50



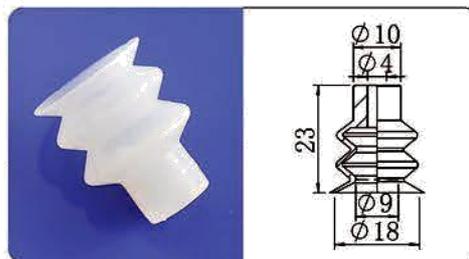
PJG-60(1.0牙)



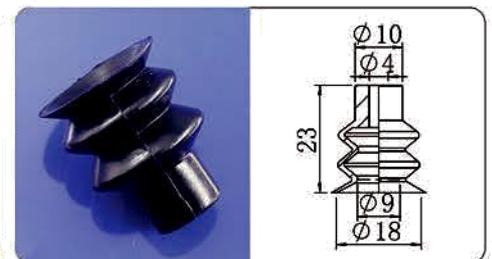
PJG-80(1.25牙)

○妙德 PC吸盘系列

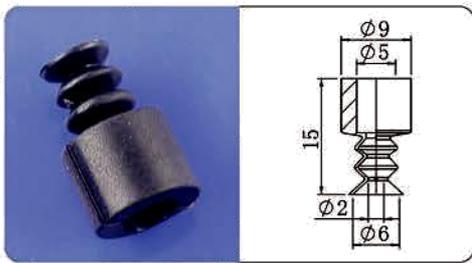
S:白色 硅橡胶
N:黑色 丁腈橡胶
多种款式 非标可定做



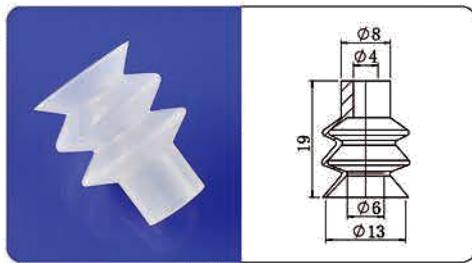
PC-18S



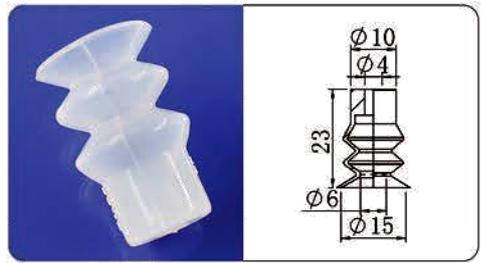
PC-18N



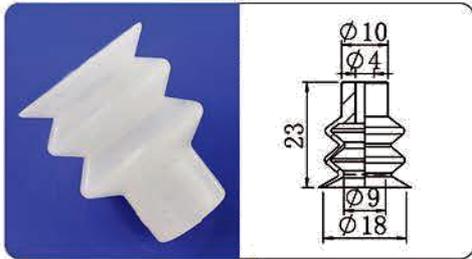
PC-6



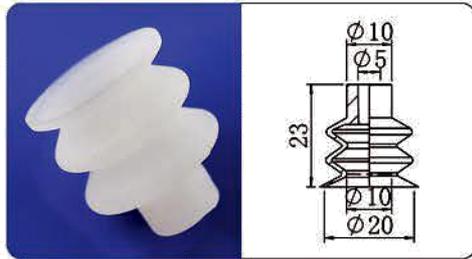
PC-13



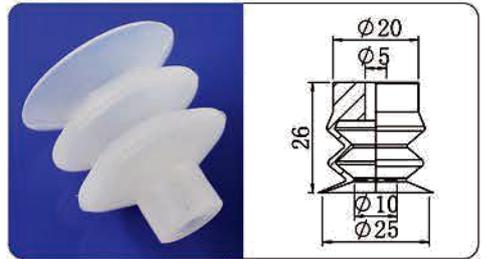
PC-15



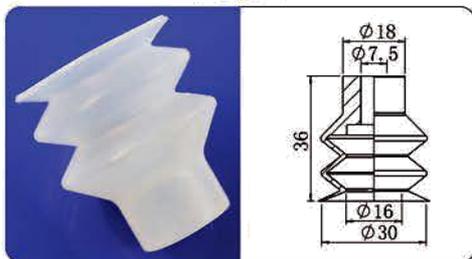
PC-18



PC-20



PC-25



PC-30



型号齐全 非标可定做

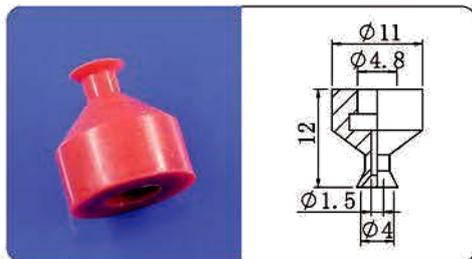
◎ 星塔 SR吸盘系列

S:白色 硅橡胶

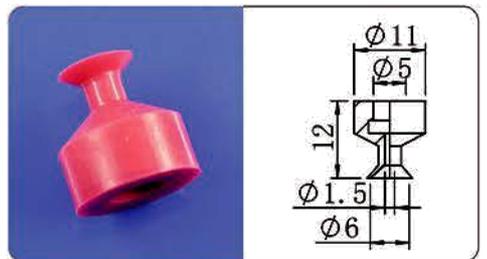
N:黑色 丁腈橡胶

R:红色 硅橡胶

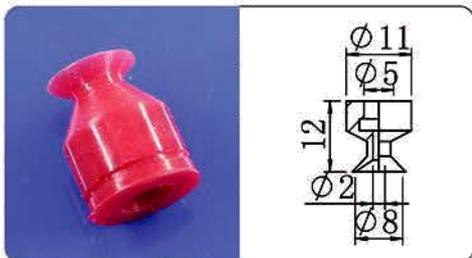
多种款式 非标可定做



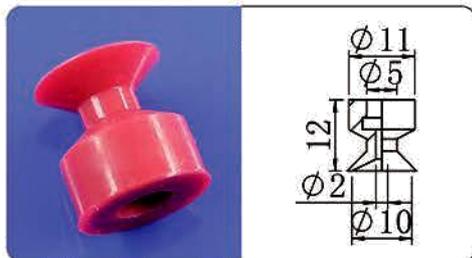
SR-4



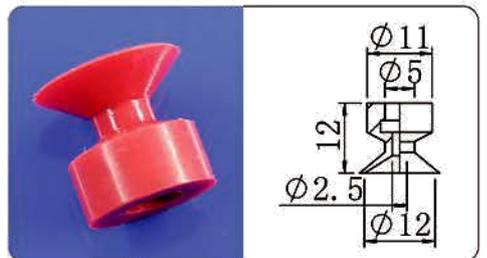
SR-6



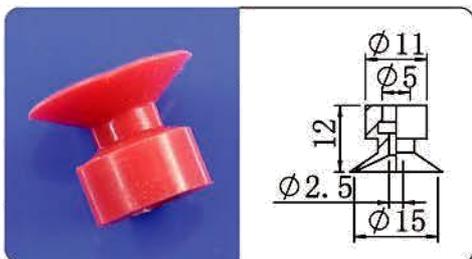
SR-8



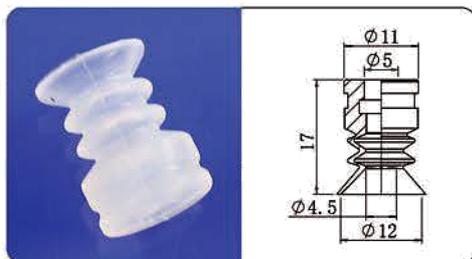
SR-10



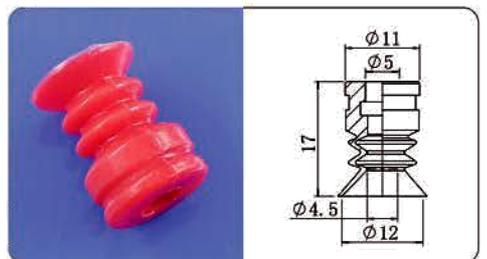
SR-12



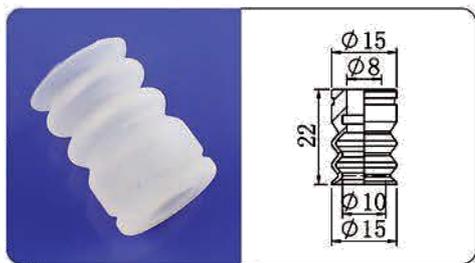
SR-15



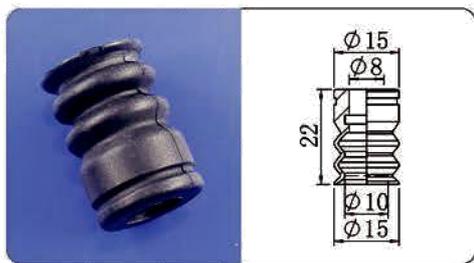
SR-12-3S



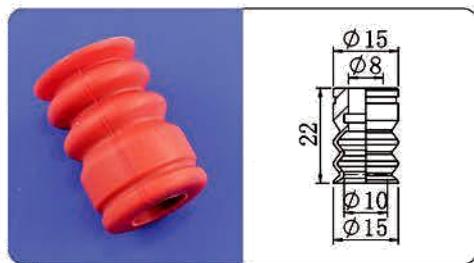
SR-12-3R



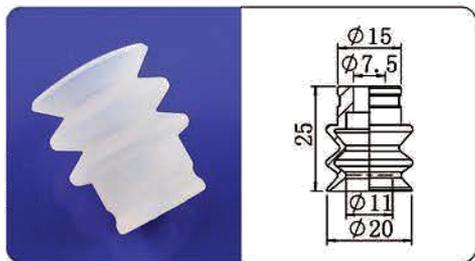
SR-15-3S



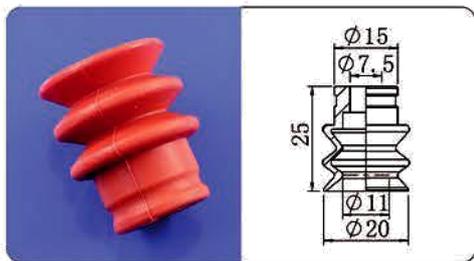
SR-15-3N



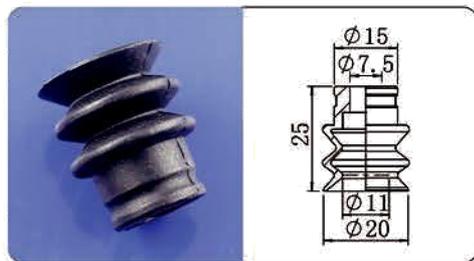
SR-15-3R



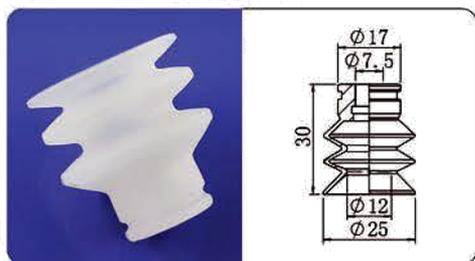
SR-20-3S



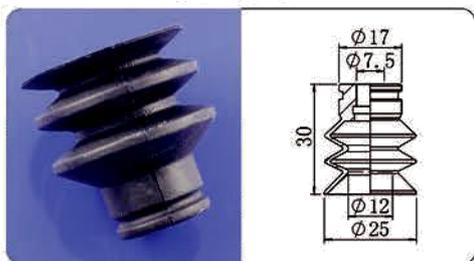
SR-20-3R



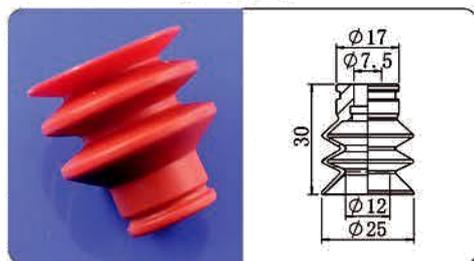
SR-20-3N



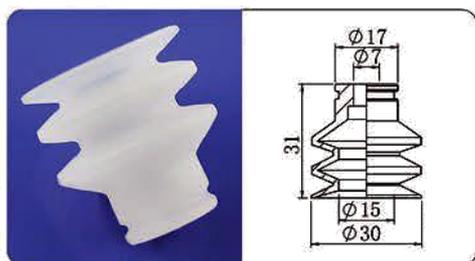
SR-25-3S



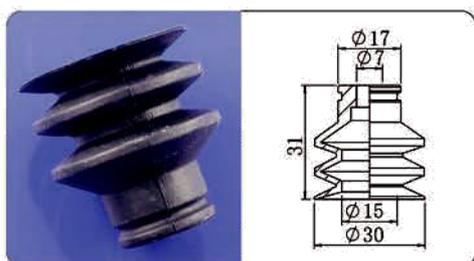
SR-25-3N



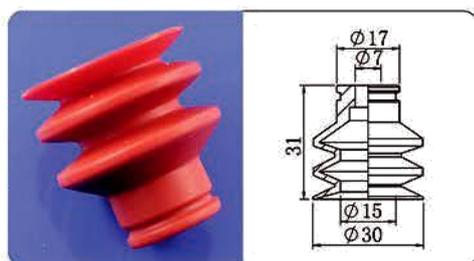
SR-25-3R



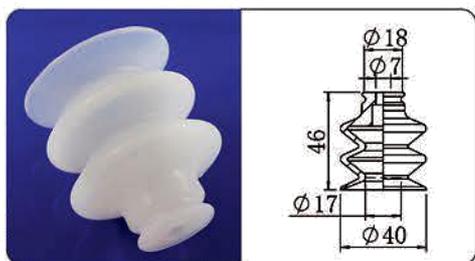
SR-30-3S



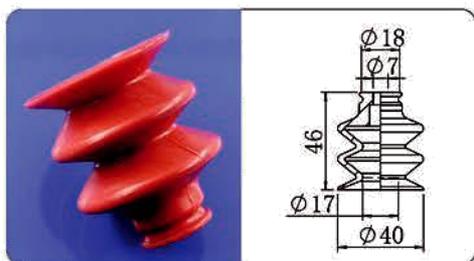
SR-30-3N



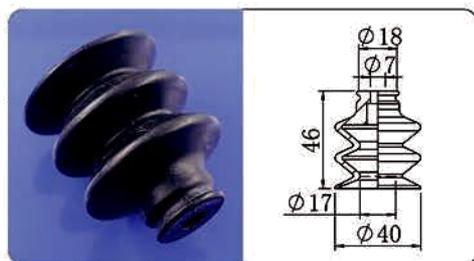
SR-30-3R



SR-40-3S



SR-40-3R



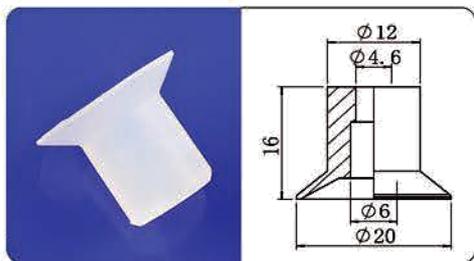
SR-40-3N

○哈模吸盘系列

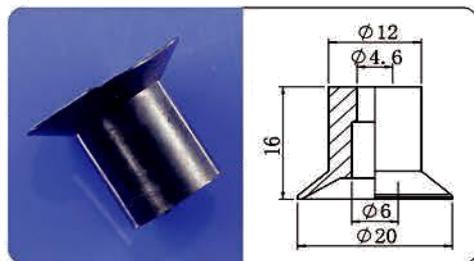
S:白色 硅橡胶

N:黑色 丁腈橡胶

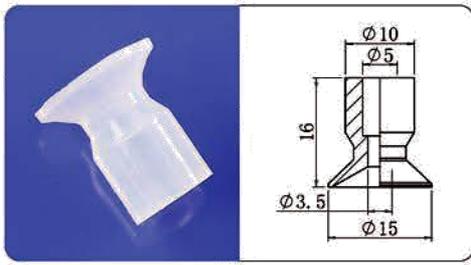
多种款式 非标可定做



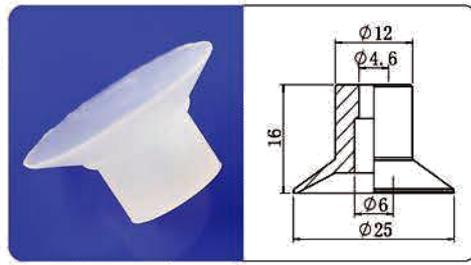
H-20S



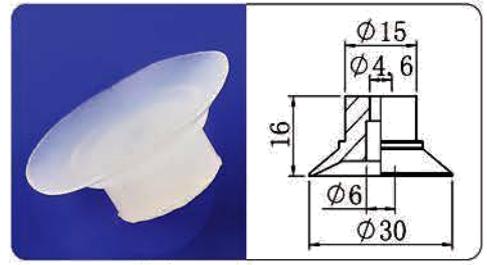
H-20N



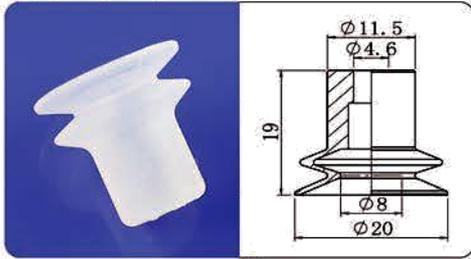
H-15



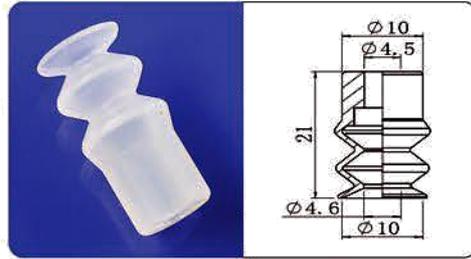
H-25



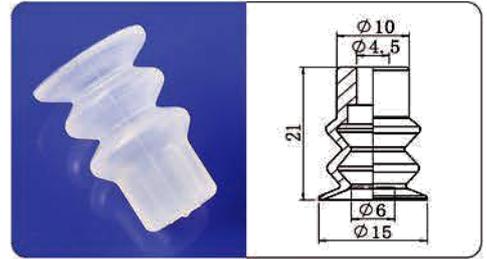
H-30



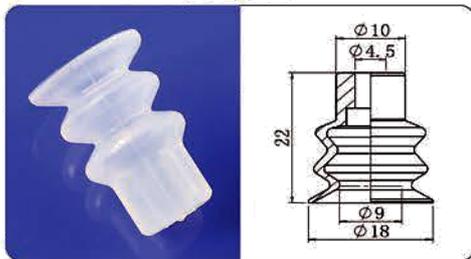
H-20-2



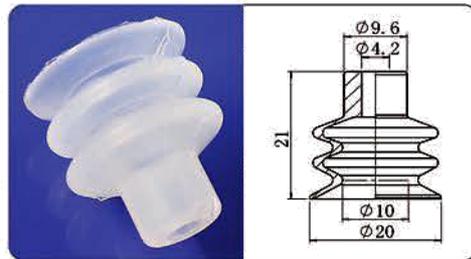
H-10-3



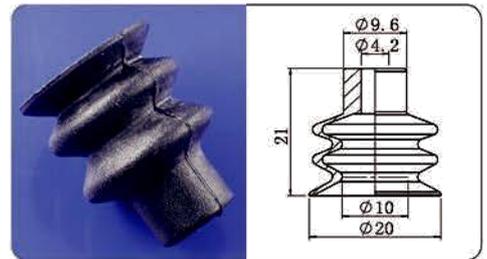
H-15-3



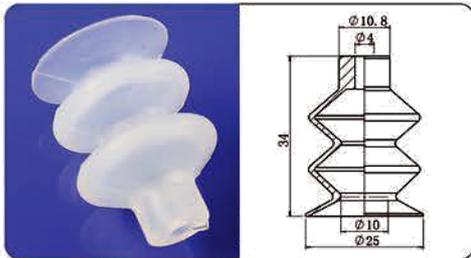
H-18-3



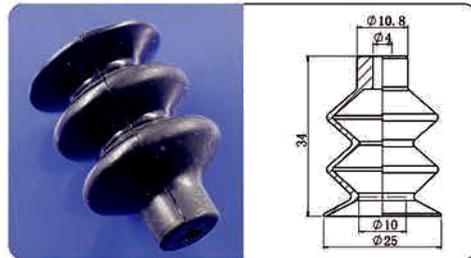
H-20-3



H-20-3



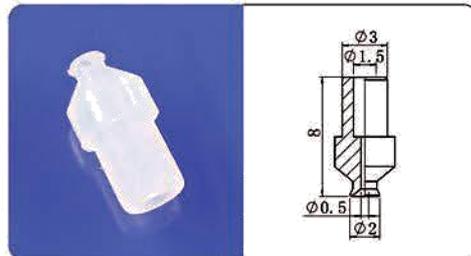
H-25-3



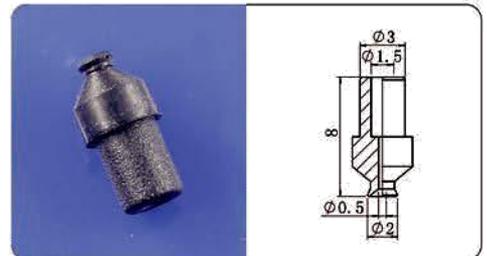
H-25-3

型号齐全 非标可定做

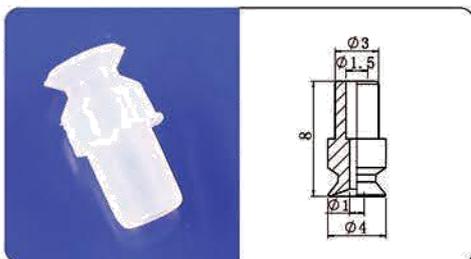
○匹士克吸盘系列
S:白色 硅橡胶
N:黑色 丁腈橡胶
多种款式 非标可定做



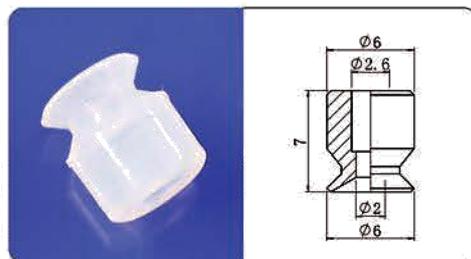
VP-02RS



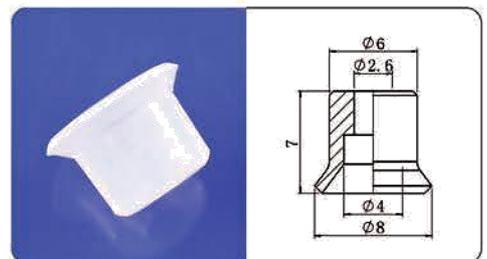
VP-02RN



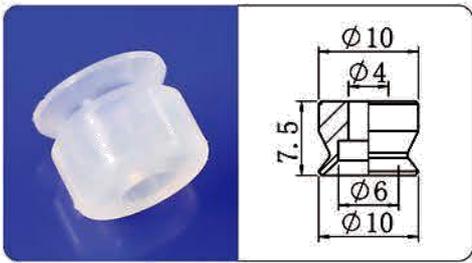
VP-04R



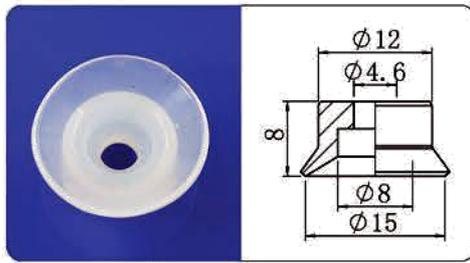
VP-06R



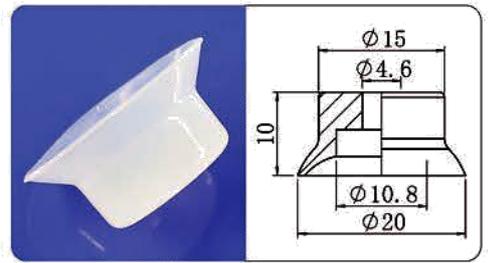
VP-08R



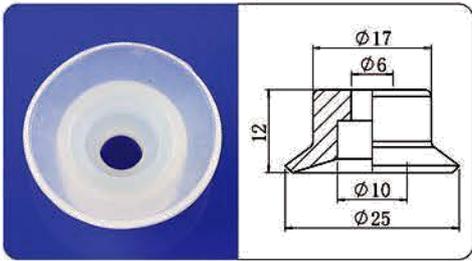
VP-10R



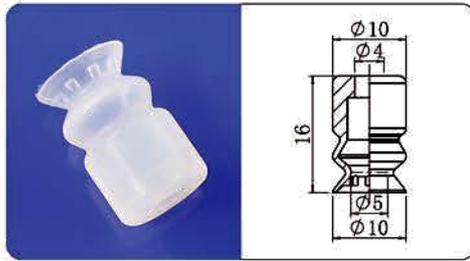
VP-15R



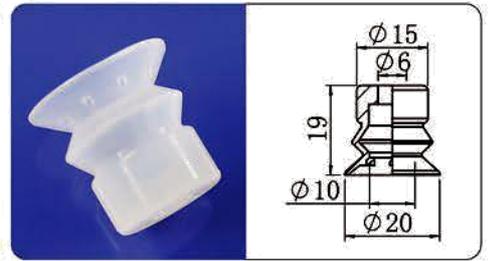
VP-20R



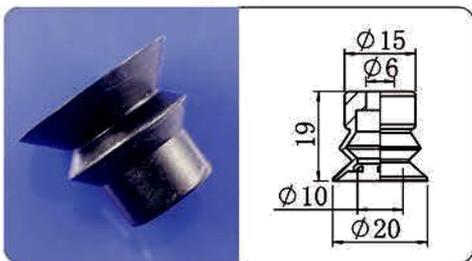
VP-25R



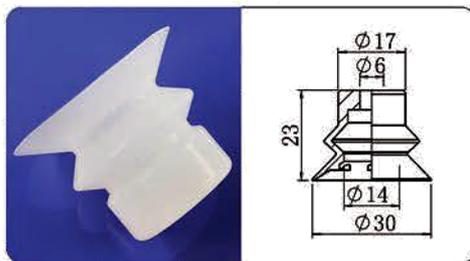
VP-10B



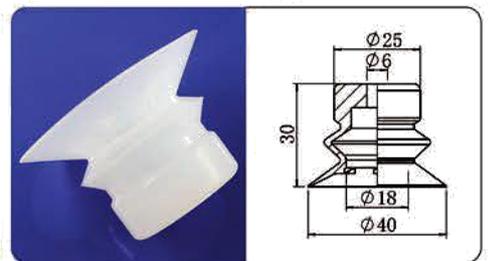
VP-20B



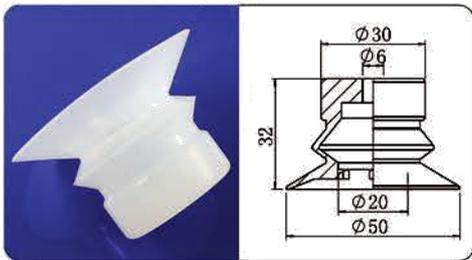
VP-20B



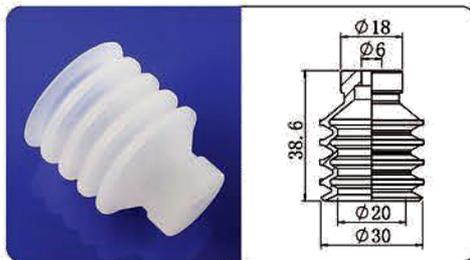
VP-30B



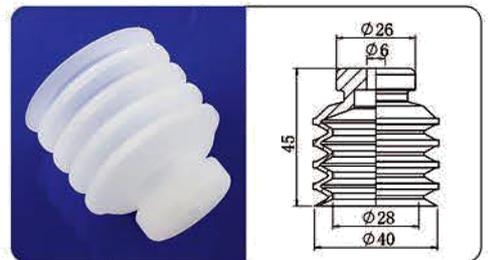
VP-40B



VP-50B

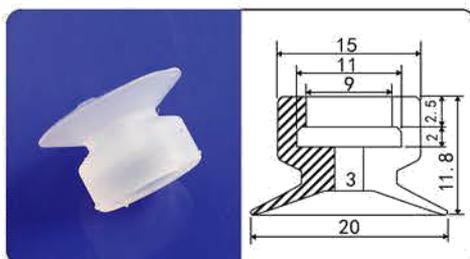


VP-30W

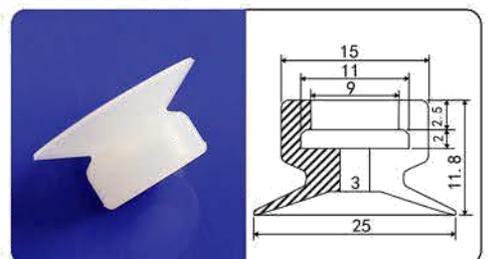


VP-40W

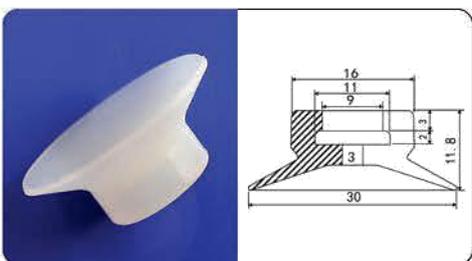
○有信吸盘系列
S:白色 硅橡胶
R:红色 硅橡胶
多种款式 非标可定做



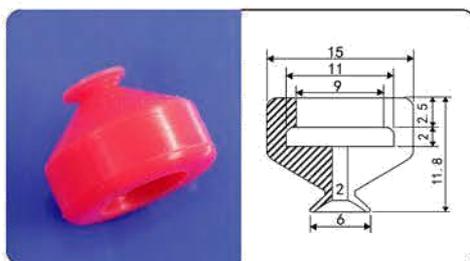
YX-20S



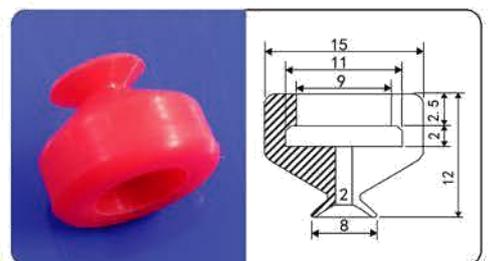
YX-25S



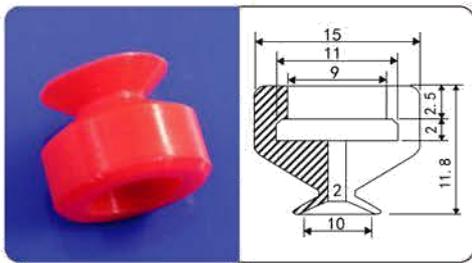
YX-30S



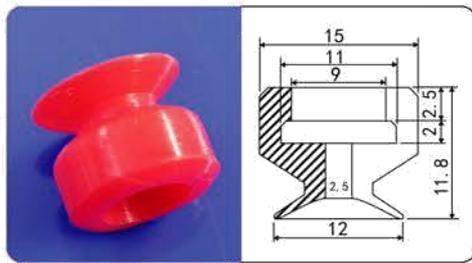
YX-6R



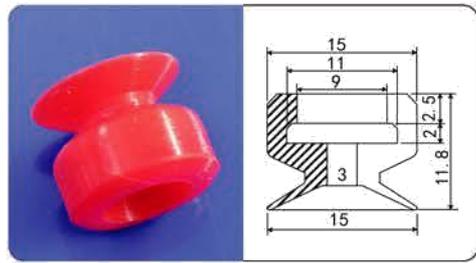
YX-8R



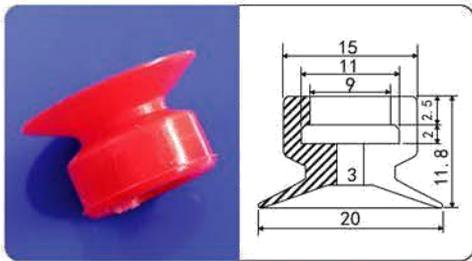
YX-10R



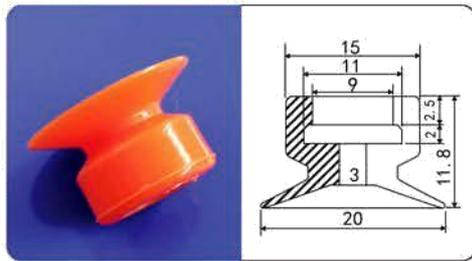
YX-12R



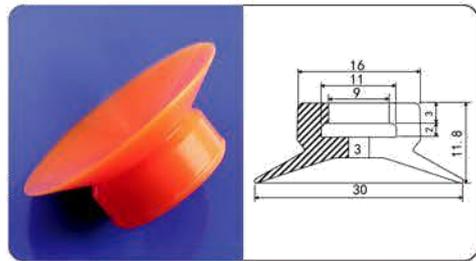
YX-15R



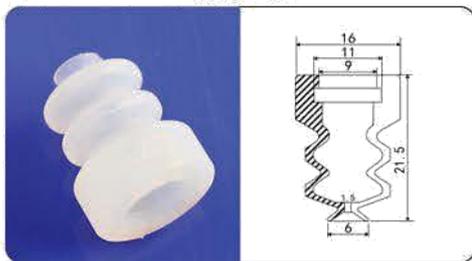
YX-20R



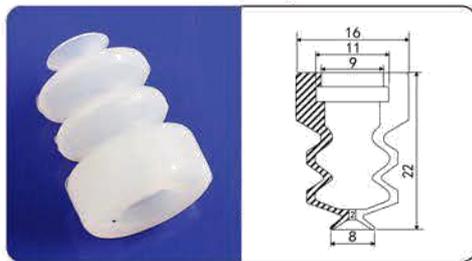
YX-20橙



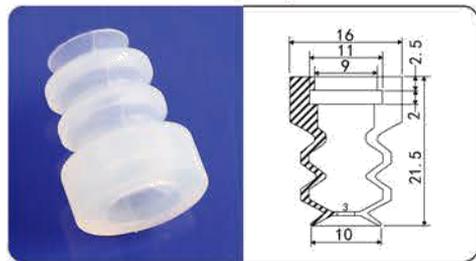
YX-30橙



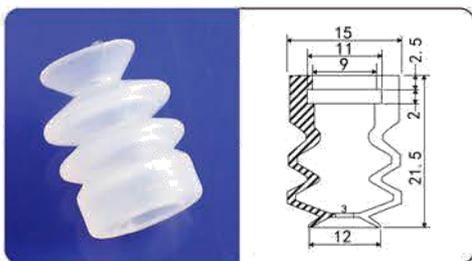
YX-6-3S



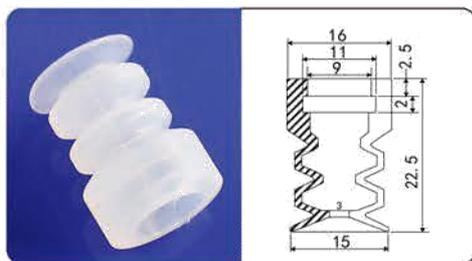
YX-8-3S



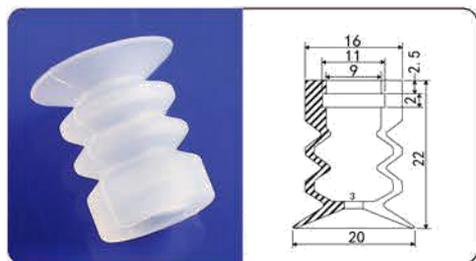
YX-10-3S



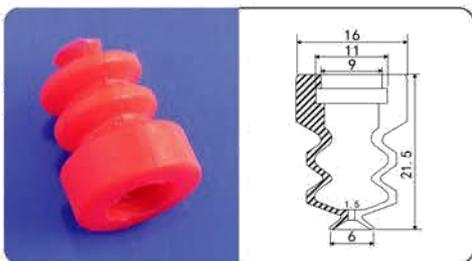
YX-12-3S



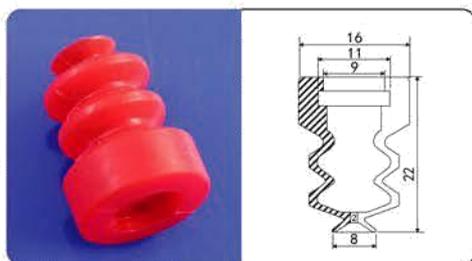
YX-15-3S



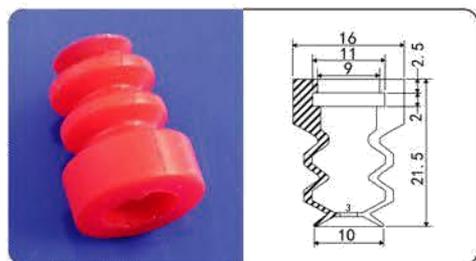
YX-20-3S



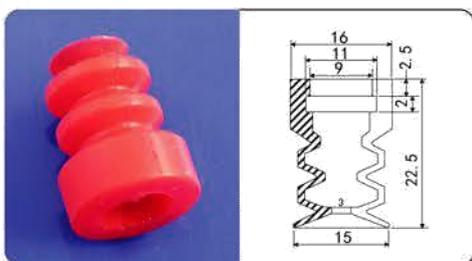
YX-6-3R



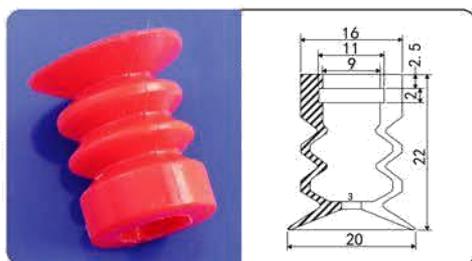
YX-8-3R



YX-10-3R



YX-15-3R



YX-20-3R

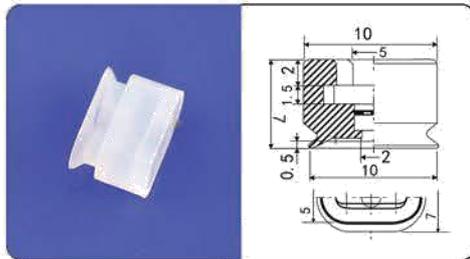
型号齐全 非标可定做

○条型吸盘系列

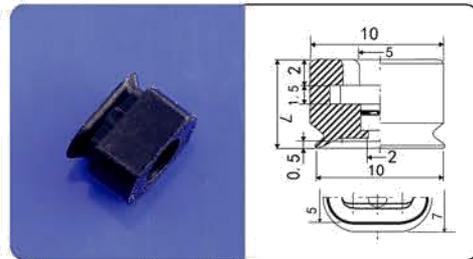
S:白色 硅橡胶

N:黑色 丁腈橡胶

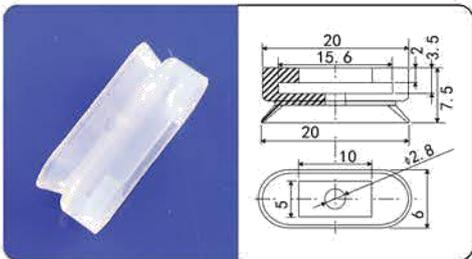
多种款式 非标可定做



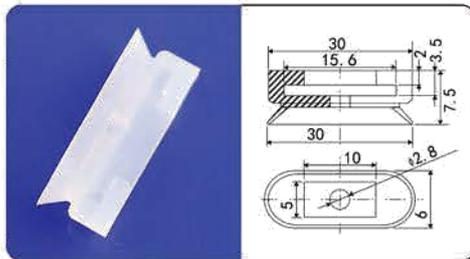
W5-L10S



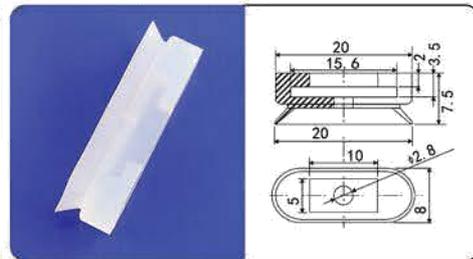
W5-L10N



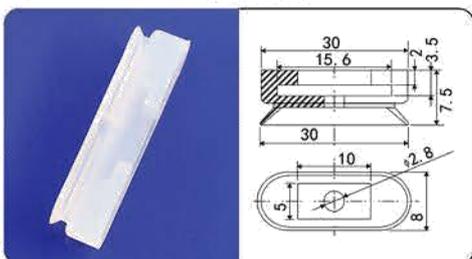
W6-L20S



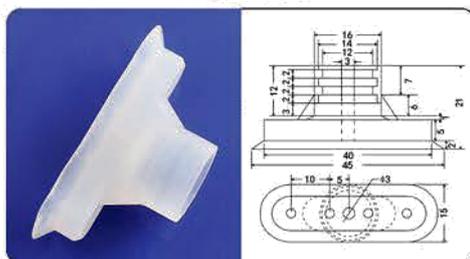
W6-L30S



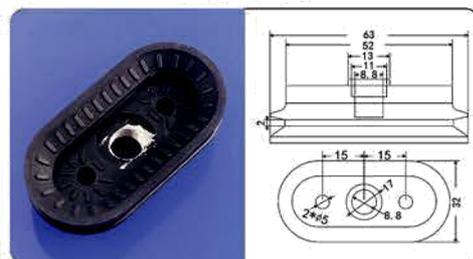
W8-L20S



W8-L30S



W15-L45S



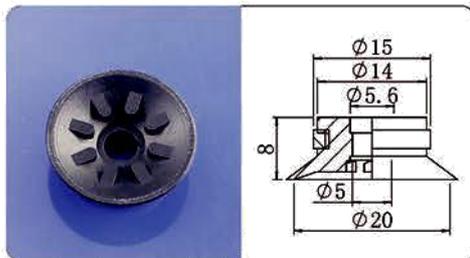
W30-L60N

○派亚博吸盘系列

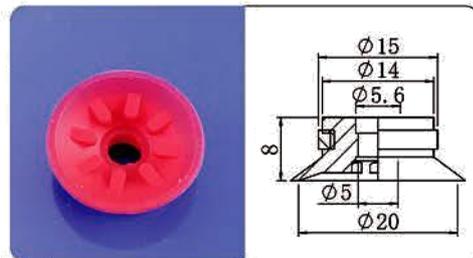
S:白色 硅橡胶

N:黑色 丁腈橡胶

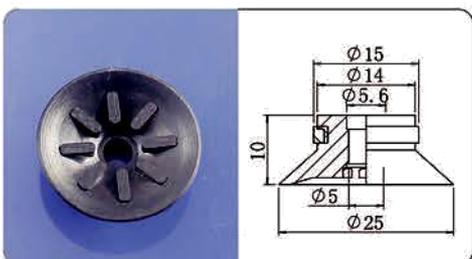
R:红色 硅橡胶



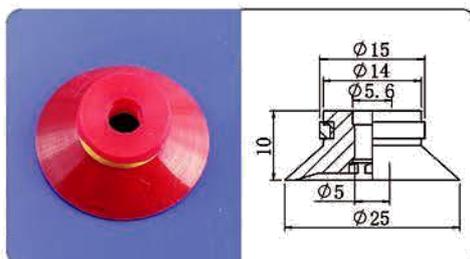
F20-2N



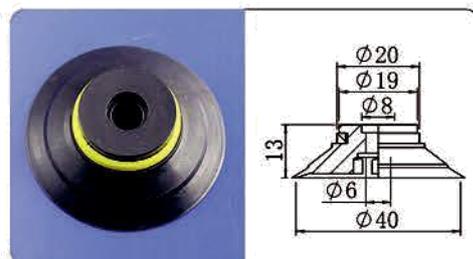
F20-2R



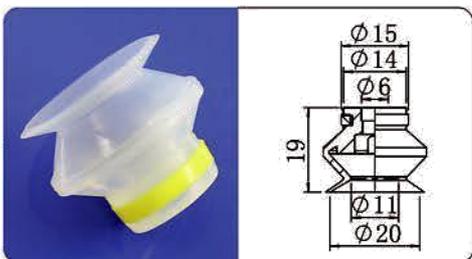
F25-2N



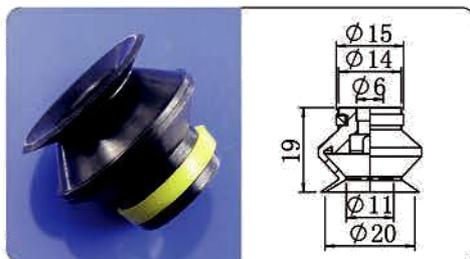
F25-2R



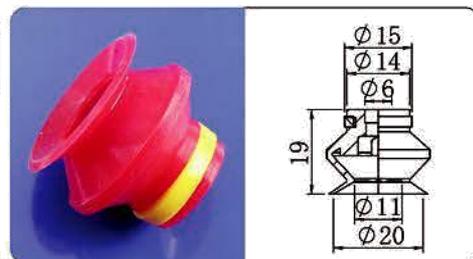
F40-2N



B-20S



B-20N



B-20R

海绵无痕吸盘系列

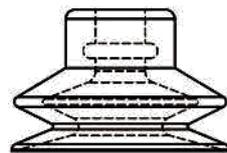


海绵真空吸盘(粗糙面专用)

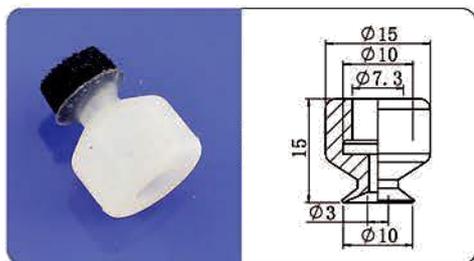


无痕真空吸盘

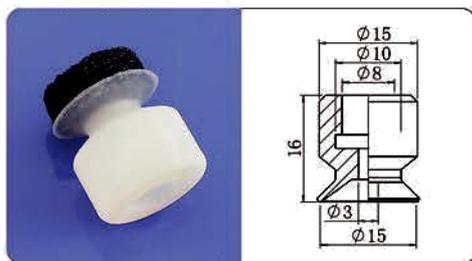
非标
可定做



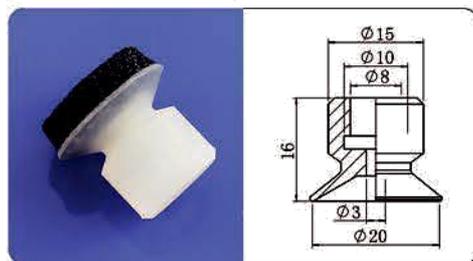
○海绵吸盘部分型号(以下产品尺寸图为未加海绵吸盘尺寸,可定做)



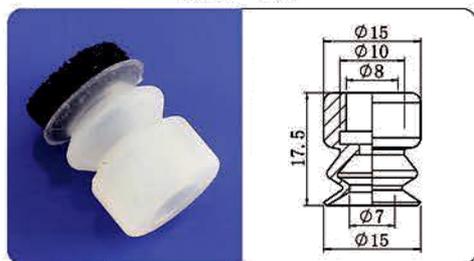
HSP-10



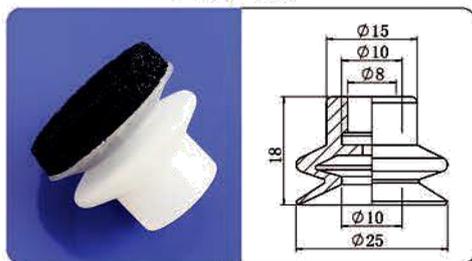
HSP-15



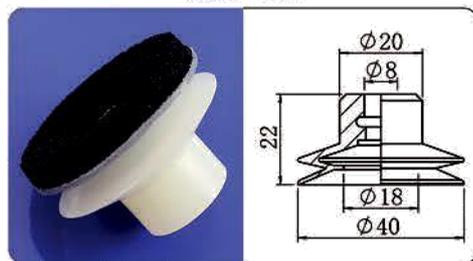
HSP-20



HSP-15-2

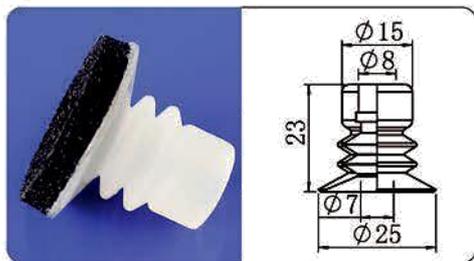


HSP-25-2

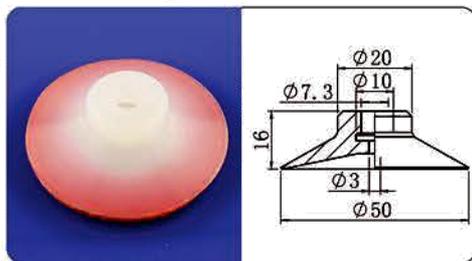


HSP-40-2

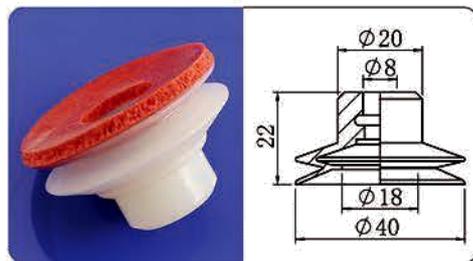
○无痕吸盘部分型号(以下产品尺寸图为未加海绵吸盘尺寸,可定做)



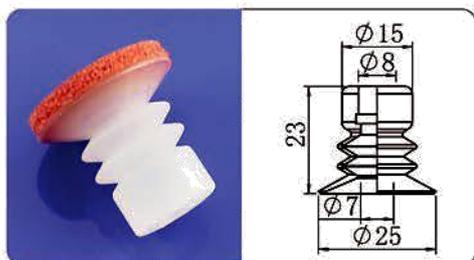
HSP-25-3



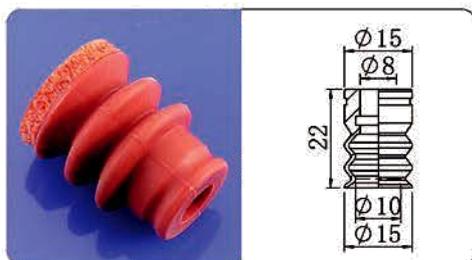
无痕HSP-50



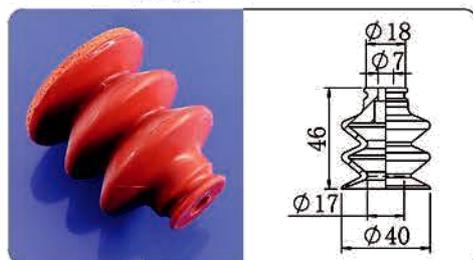
无痕HSP-40-2



无痕HSP-25-3



星塔无痕SR-15-3



星塔无痕SR-40-3

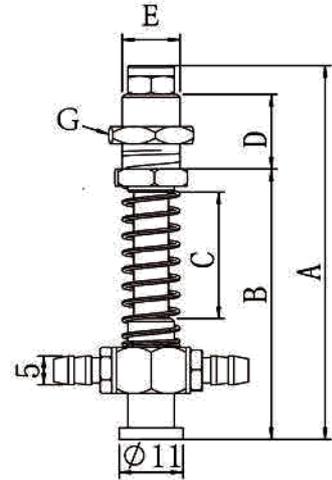
真空吸盘型号齐全 非标可定做

真空吸盘系列

大头侧通金具系列



非标可定制



金具系列型号表示方法

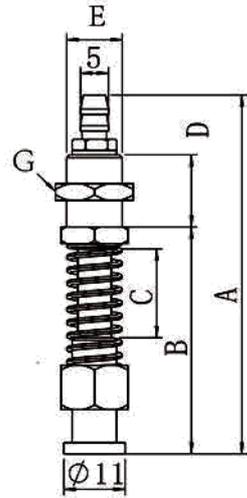
TL—M10—L65—11—KB—00

T: Y系列金具 安装连接方式:
L: 真空方向 M10*1.0 M12*1.0
L垂直 S水平
金具总长度
配吸盘 小头7系列 大头11系列
空表示可旋转 接头--空为标准
K表示不可旋转 00表示特殊
空为标准螺牙
B位加长安装螺牙

大头直通金具系列



非标可定制

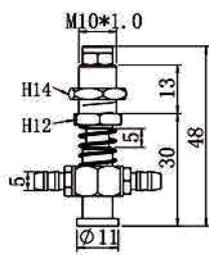


金具系列型号表示方法

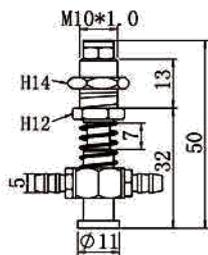
TS—M10—L65—11—KB—00

T: Y系列金具 安装连接方式:
L: 真空方向 M10*1.0 M12*1.0
L垂直 S水平
金具总长度
配吸盘 小头7系列 大头11系列
空表示可旋转 接头--空为标准
K表示不可旋转 00表示特殊
空为标准螺牙
B位加长安装螺牙

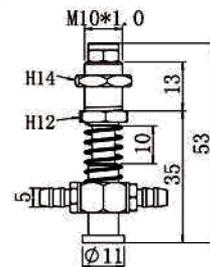
大头侧通M10金具系列



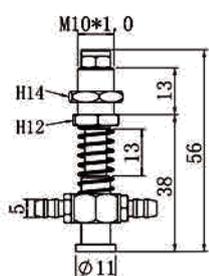
TL-M10-L48-11



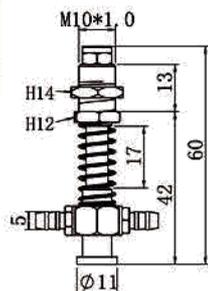
TL-M10-L50-11



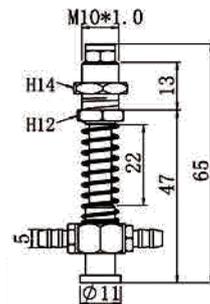
TL-M10-L53-11



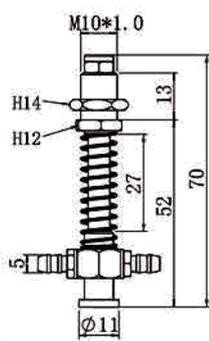
TL-M10-L56-11



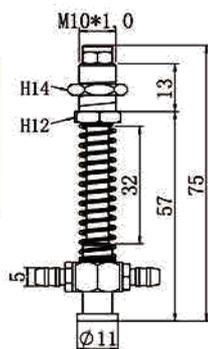
TL-M10-L60-11



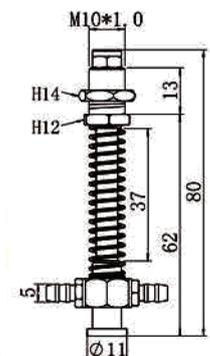
TL-M10-L65-11



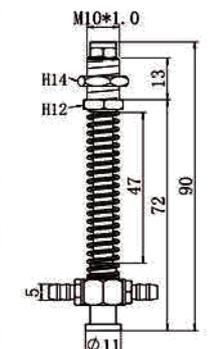
TL-M10-L70-11



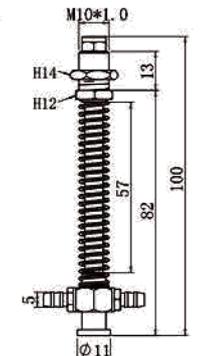
TL-M10-L75-11



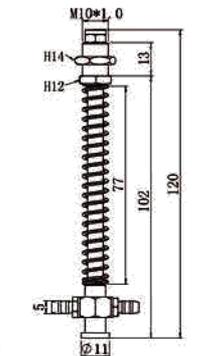
TL-M10-L80-11



TL-M10-L90-11

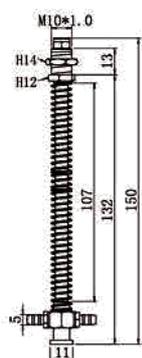


TL-M10-L100-11

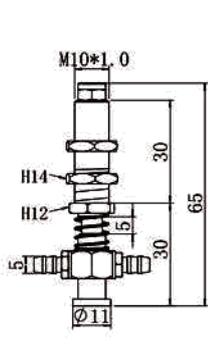


TL-M10-L120-11

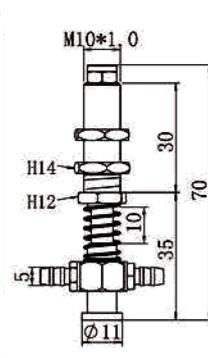
吸盘金具系列



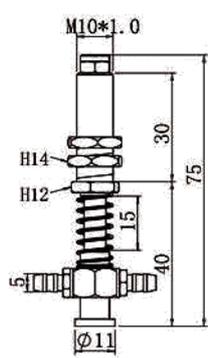
TL-M10-L150-11



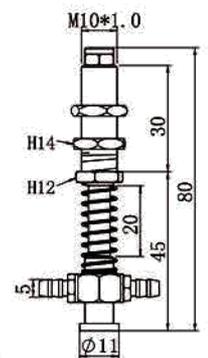
TL-M10-L65-11B



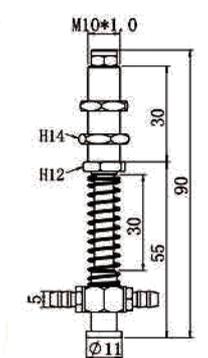
TL-M10-L70-11B



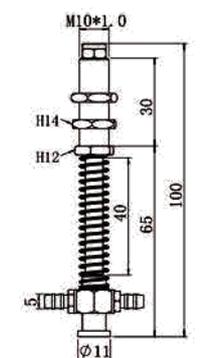
TL-M10-L75-11B



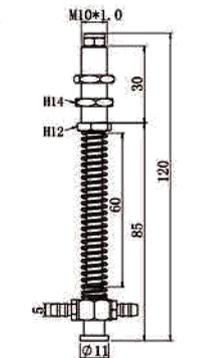
TL-M10-L80-11B



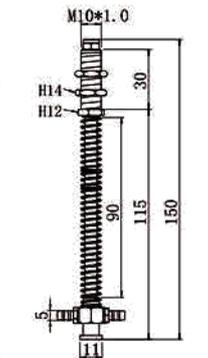
TL-M10-L90-11B



TL-M10-L100-11B

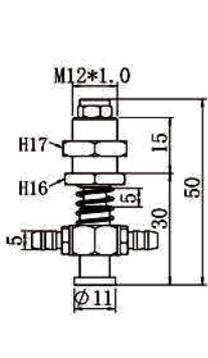


TL-M10-L120-11B

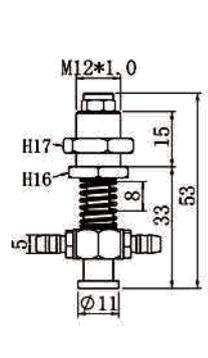


TL-M10-L150-11B

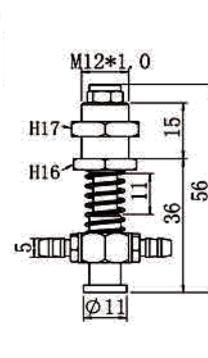
大头侧通M12金具系列



TL-M12-L50-11

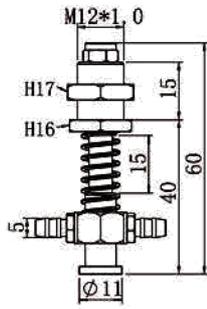


TL-M12-L53-11

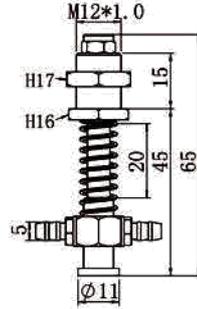


TL-M12-L56-11

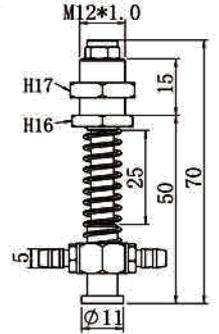
吸盘金具系列



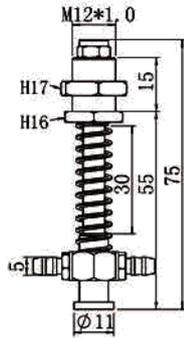
TL-M12-L60-11



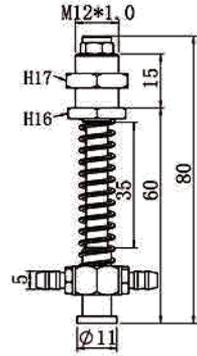
TL-M12-L65-11



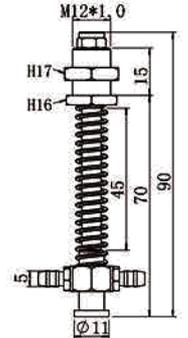
TL-M12-L70-11



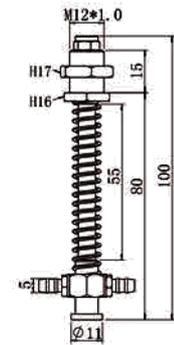
TL-M12-L75-11



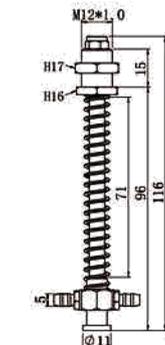
TL-M12-L80-11



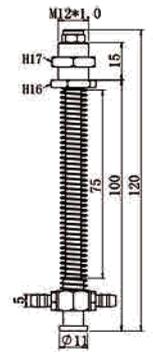
TL-M12-L90-11



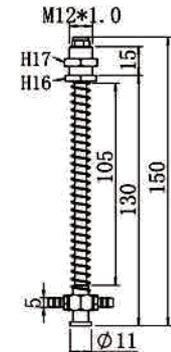
TL-M12-L100-11



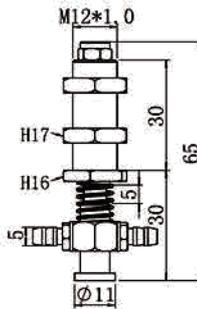
TL-M12-L116-11



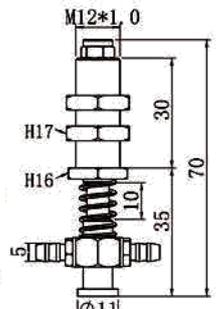
TL-M12-L120-11



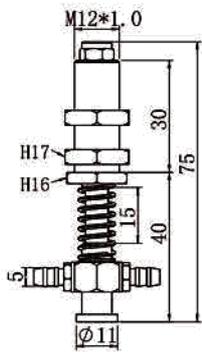
TL-M12-L150-11



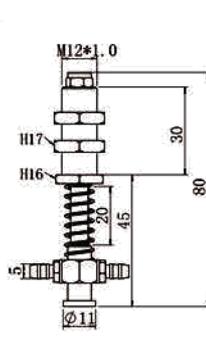
TL-M12-L65-11B



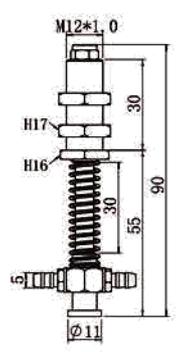
TL-M12-L170-11B



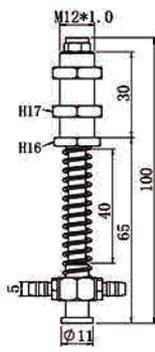
TL-M12-L75-11B



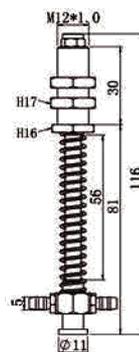
TL-M12-L80-11B



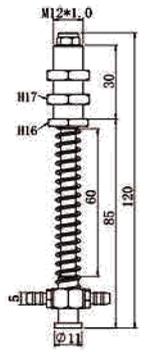
TL-M12-L90-11B



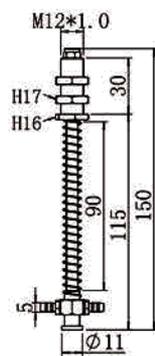
TL-M12-L100-11B



TL-M12-L116-11B



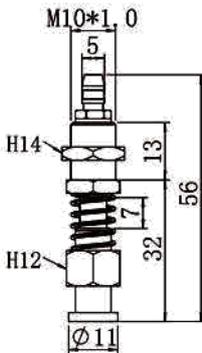
TL-M12-L120-11B



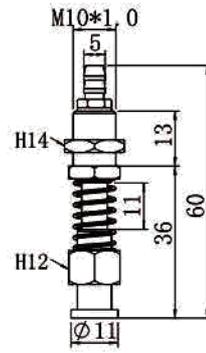
TL-M12-L150-11B

型号齐全 非标可定做

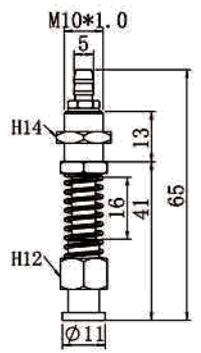
大头直通M10金具系列



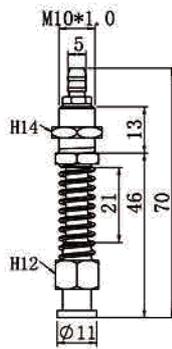
TS-M10-L56-11



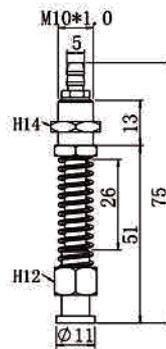
TS-M10-L60-11



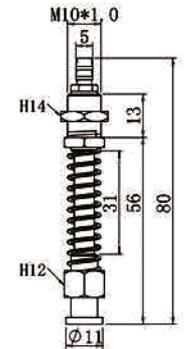
TS-M10-L65-11



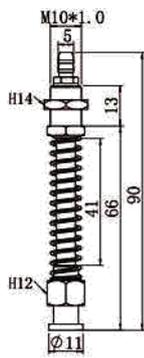
TS-M10-L70-11



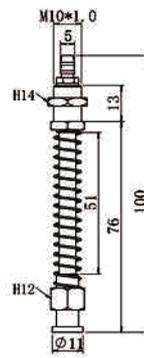
TS-M10-L75-11



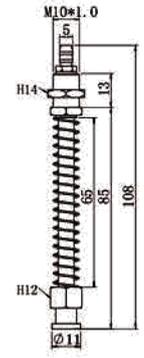
TS-M10-L80-11



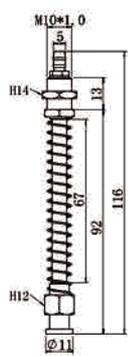
TS-M10-L90-11



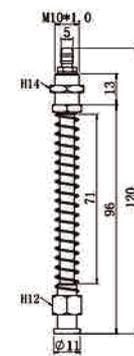
TS-M10-L100-11



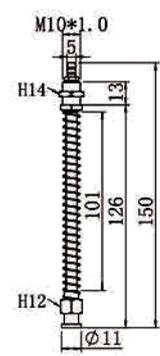
TS-M10-L108-11



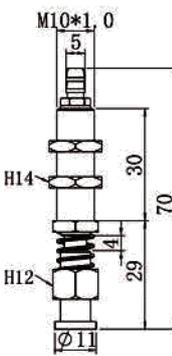
TS-M10-L116-11



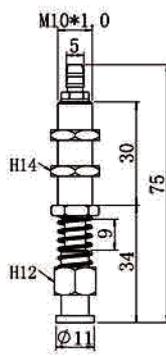
TS-M10-L120-11



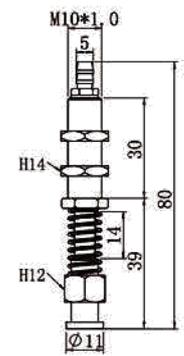
TS-M10-L150-11



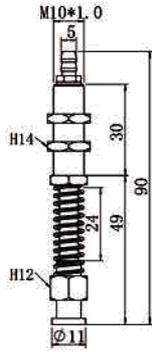
TS-M10-L70-11B



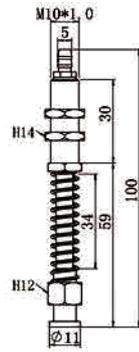
TS-M10-L75-11B



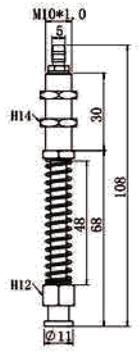
TS-M10-L80-11B



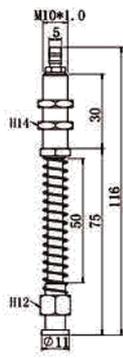
TS-M10-L90-11B



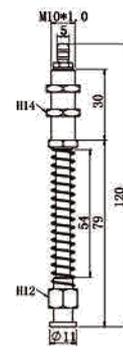
TS-M10-L100-11B



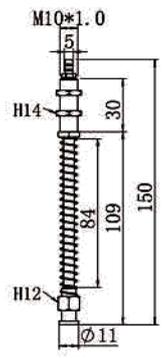
TS-M10-L108-11B



TS-M10-L116-11B

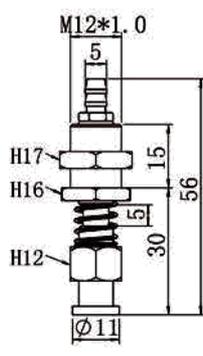


TS-M10-L120-11B

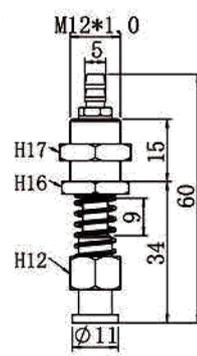


TS-M10-L150-11B

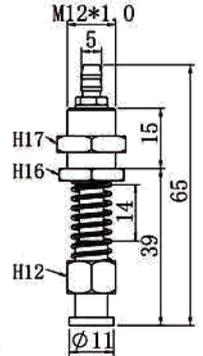
大头直通M12金具系列



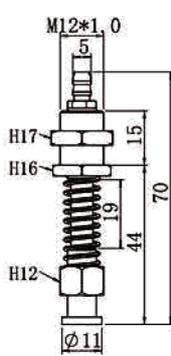
TS-M12-L56-11



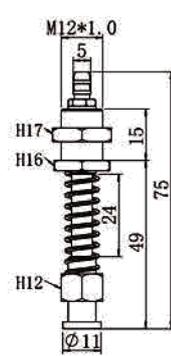
TS-M12-L60-11



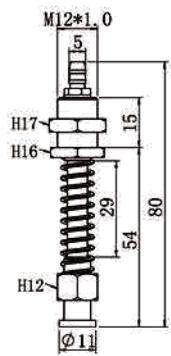
TS-M12-L65-11



TS-M12-L70-11

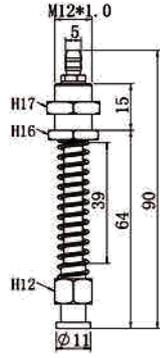


TS-M12-L75-11

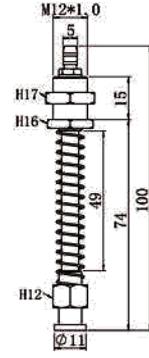


TS-M12-L80-11

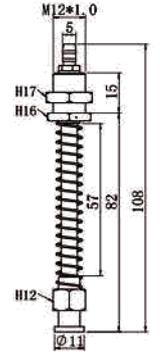
吸盘金具系列



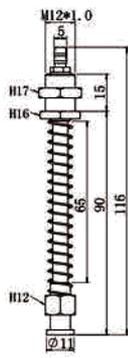
TS-M12-L90-11



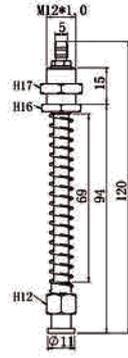
TS-M12-L100-11



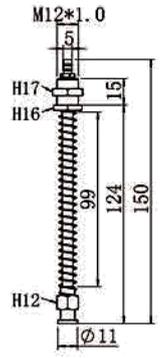
TS-M12-L108-11



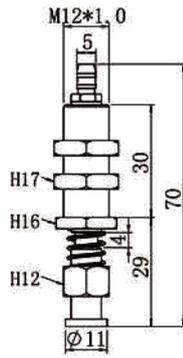
TS-M12-L116-11



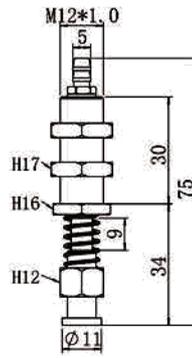
TS-M12-L120-11



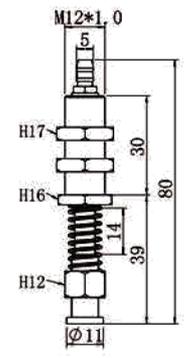
TS-M12-L150-11



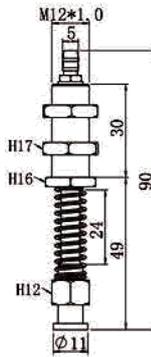
TS-M12-L70-11B



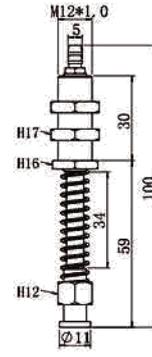
TS-M12-L75-11B



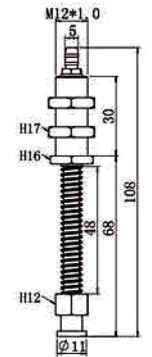
TS-M12-L80-11B



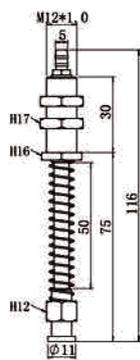
TS-M12-L90-11B



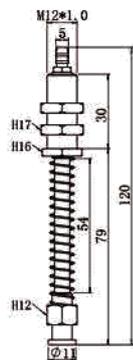
TS-M12-L100-11B



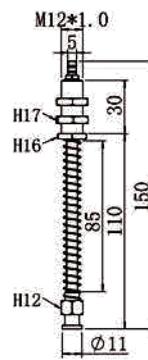
TS-M12-L108-11B



TS-M12-L116-11B



TS-M12-L120-11B

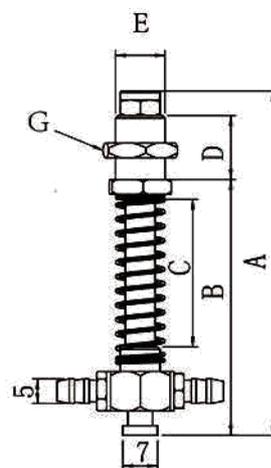


TS-M12-L150-11B

小头侧通金具系列



非标可定制



金具系列型号表示方法

TL—M10—L65—7—KB—00

T: Y系列金具 安装连接方式:

L: 真空方向 M10*1.0 M12*1.0

L垂直 S水平

金具总长度

配吸盘 小头7系列

大头11系列

空表示可旋转

K表示不可旋转

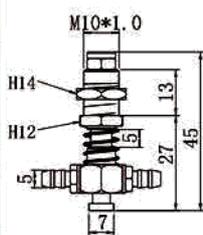
空为标准螺牙

B位加长安装螺牙

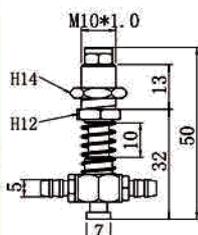
接头--空为标准

00表示特殊

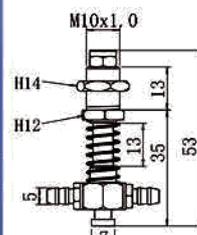
小头侧通M10金具系列



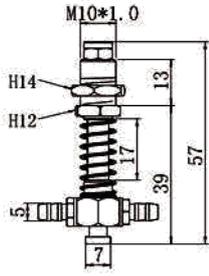
TL-M10-L45-7



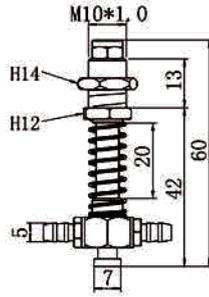
TL-M10-L50-7



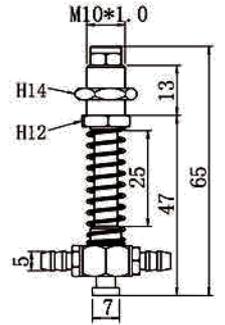
TL-M10-L53-7



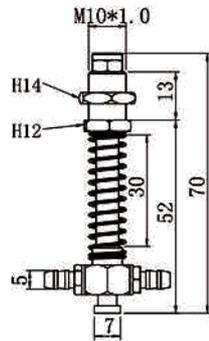
TL-M10-L56-7



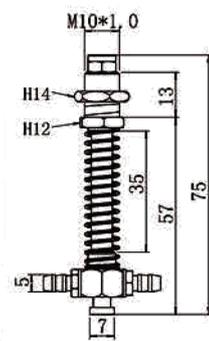
TL-M10-L60-7



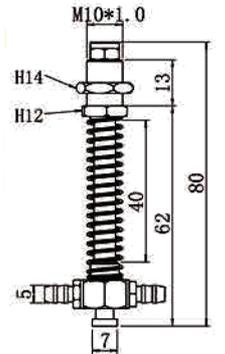
TL-M10-L65-7



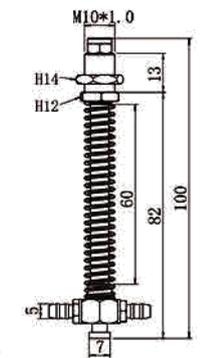
TL-M10-L70-7



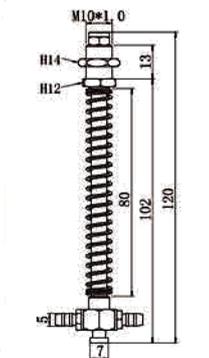
TL-M10-L75-7



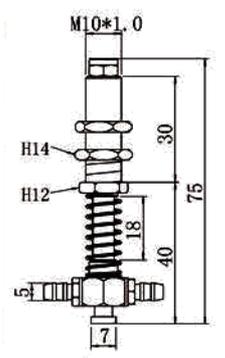
TL-M10-L80-7



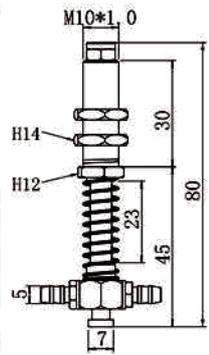
TL-M10-L100-7



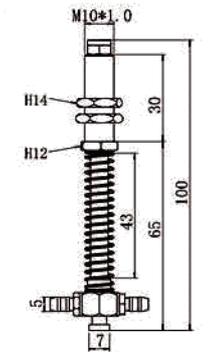
TL-M10-L120-7



TL-M10-L75-7B



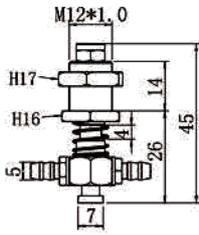
TL-M10-L80-7B



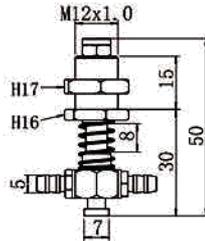
TL-M10-L100-7B

型号齐全 非标可定做

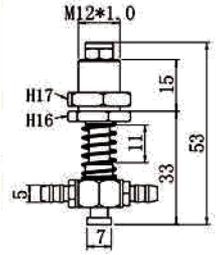
小头侧通M12金具系列



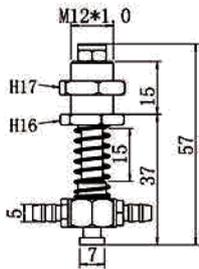
TL-M12-L45-7



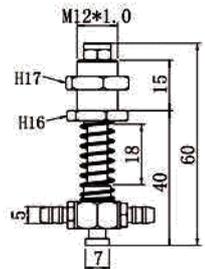
TL-M12-L50-7



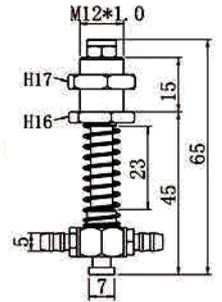
TL-M12-L53-7



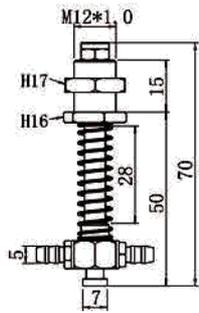
TL-M12-L57-7



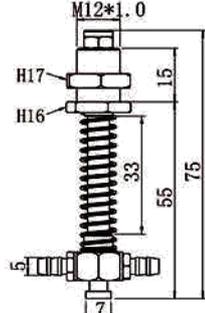
TL-M12-L60-7



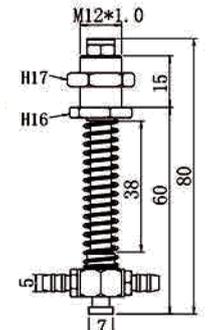
TL-M12-L65-7



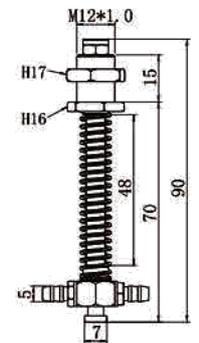
TL-M12-L70-7



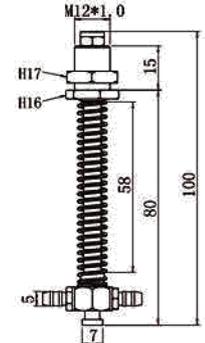
TL-M12-L75-7



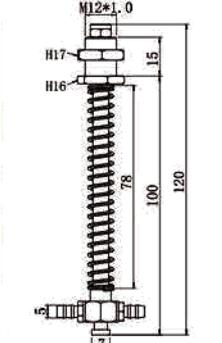
TL-M12-L80-7



TL-M12-L90-7



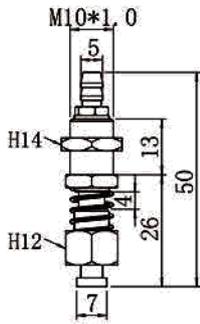
TL-M12-L100-7



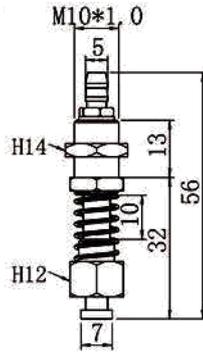
TL-M12-L120-7

吸盘金具系列

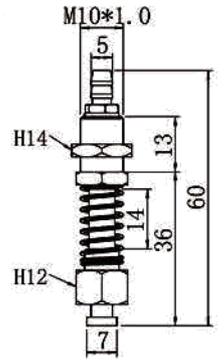
小头直通M10金具系列



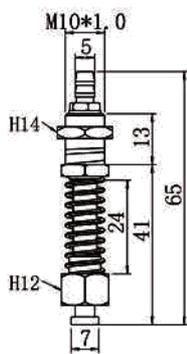
TS-M10-L50-7



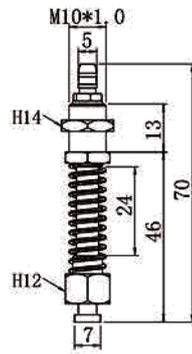
TS-M10-L56-7



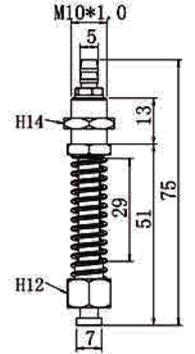
TS-M10-L60-7



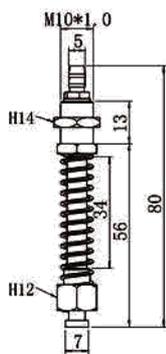
TS-M10-L65-7



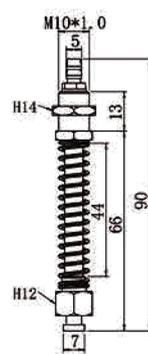
TS-M10-L70-7



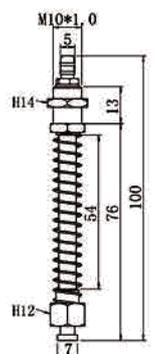
TS-M10-L75-7



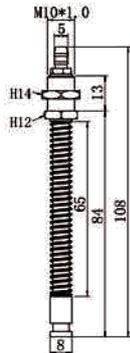
TS-M10-L80-7



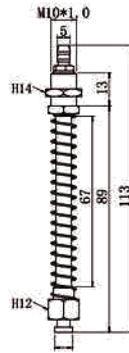
TS-M10-L90-7



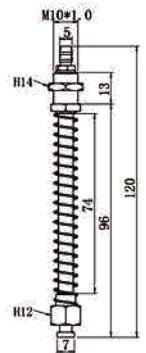
TS-M10-L100-7



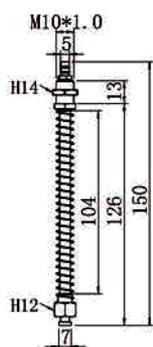
TS-M10-L108-7



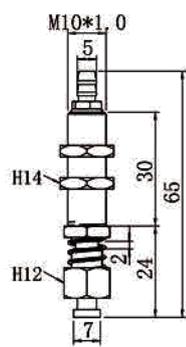
TS-M10-L113-7



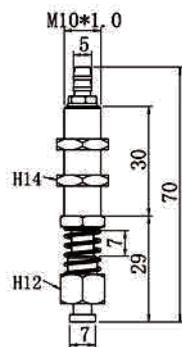
TS-M10-L120-7



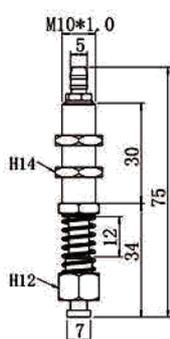
TS-M10-L150-7



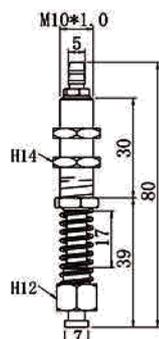
TS-M10-L65-7B



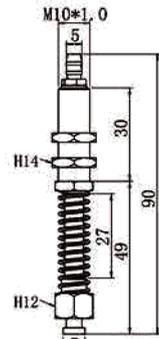
TS-M10-L70-7B



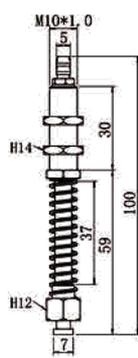
TS-M10-L75-7B



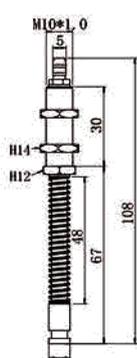
TS-M10-L80-7B



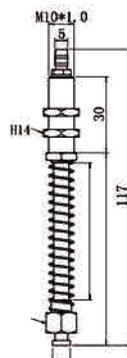
TS-M10-L90-7B



TS-M10-L100-7B

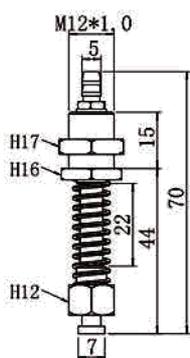


TS-M10-L108-8B

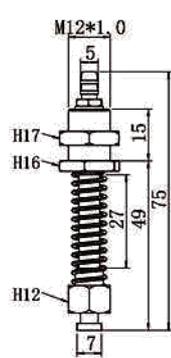


TS-M10-L116-7B

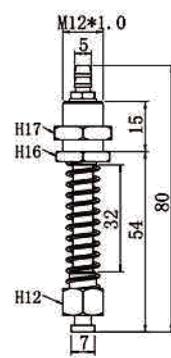
小头侧直通M12金具系列



TS-M12-L70-7

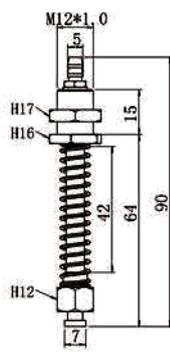


TS-M12-L75-7

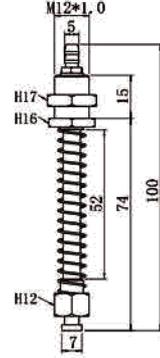


TS-M12-L80-7

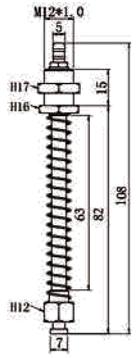
吸盘金具系列



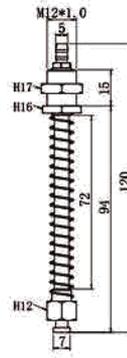
TS-M12-L90-7



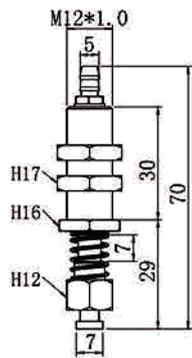
TS-M12-L100-7



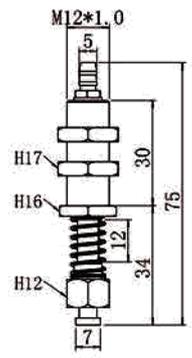
TS-M12-L108-7



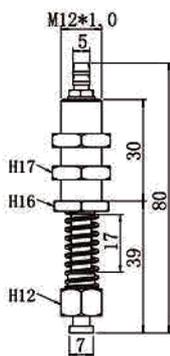
TS-M12-L120-7



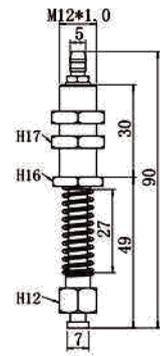
TS-M12-L70-7B



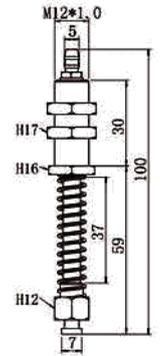
TS-M12-L75-7B



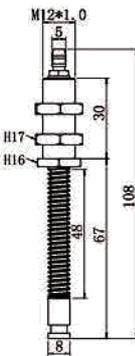
TS-M12-L80-7B



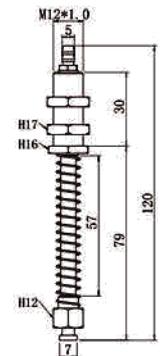
TS-M12-L90-7B



TS-M12-L100-7B



TS-M12-L108-8B



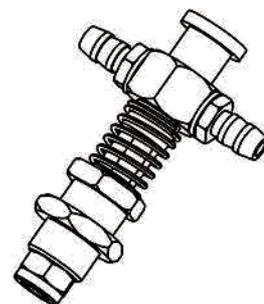
TS-M12-L120-7B

型号齐全 非标可定做

大头不旋转金具系列



非标
可定制

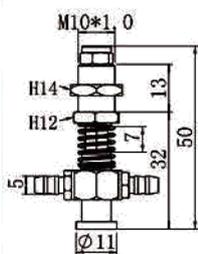


金具系列型号表示方法

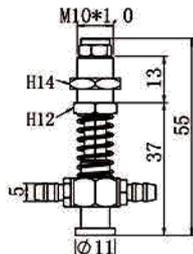
TL—M10—L65—11—KB—00

T: Y系列金具 安装连接方式: 配吸盘 小头7系列 空表示可旋转 接头--空为标准
 L: 真空方向 M10*1.0 M12*1.0 大头11系列 K表示不可旋转 00表示特殊
 L垂直 S水平 金具总长度 空为标准螺牙 B位加长安装螺牙

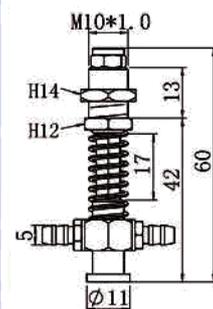
吸盘金具系列



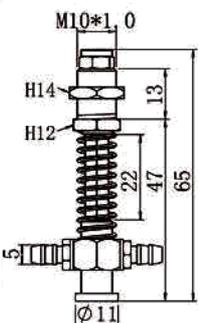
TL-M10-L50-11K



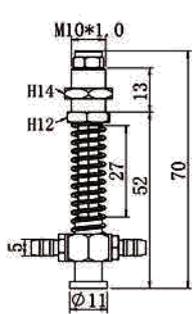
TL-M10-L55-11K



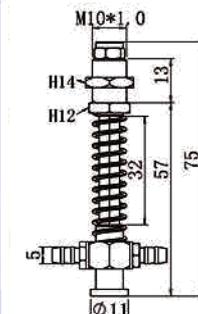
TL-M10-L60-11K



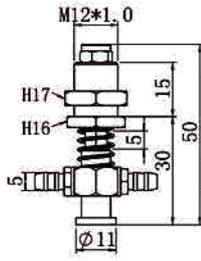
TL-M10-L65-11K



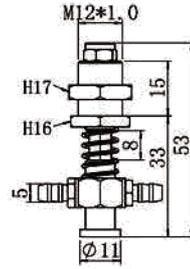
TL-M10-L70-11K



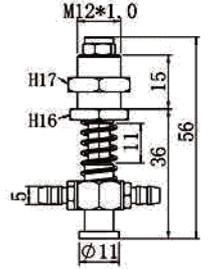
TL-M10-L75-11K



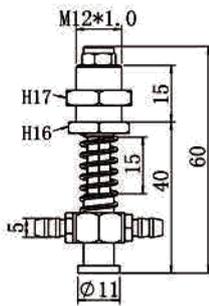
TL-M12-L50-11K



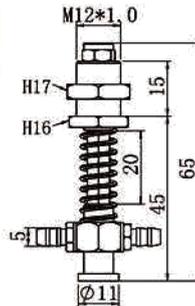
TL-M12-L53-11K



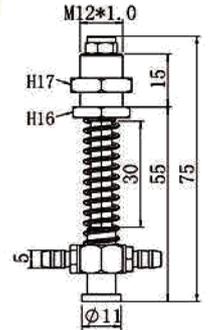
TL-M12-L56-11K



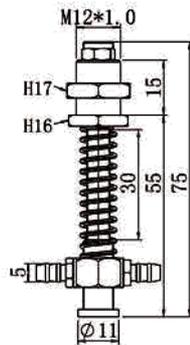
TL-M12-L60-11K



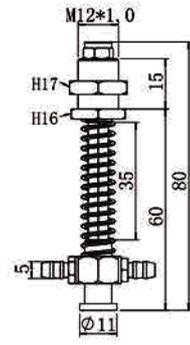
TL-M12-L65-11K



TL-M12-L70-11K

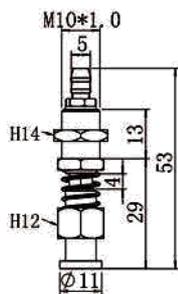


TL-M12-L75-11K

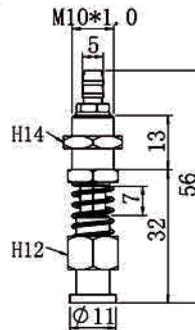


TL-M12-L80-11K

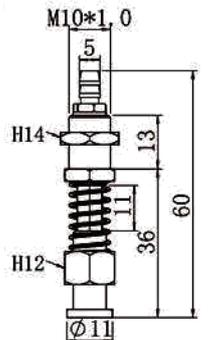
型号齐全 非标可定做



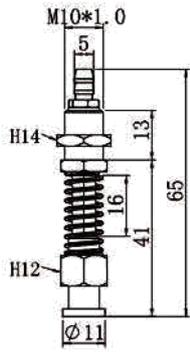
TS-M10-L53-11K



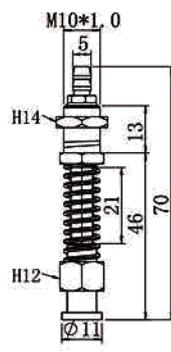
TS-M10-L56-11K



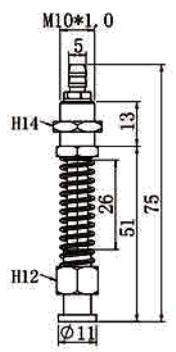
TS-M10-L60-11K



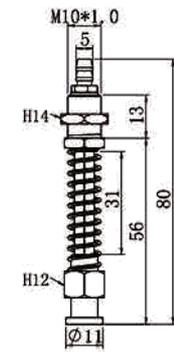
TS-M10-L65-11K



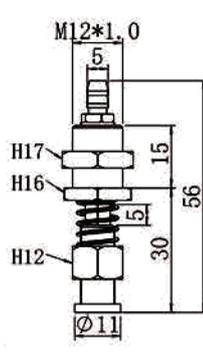
TS-M10-L70-11K



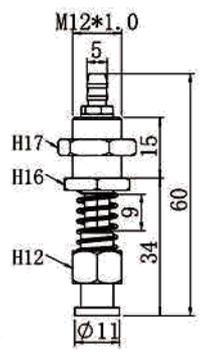
TS-M10-L75-11K



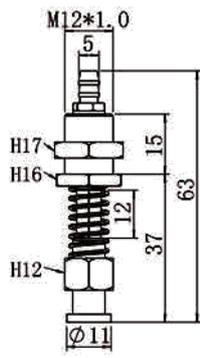
TS-M10-L80-11K



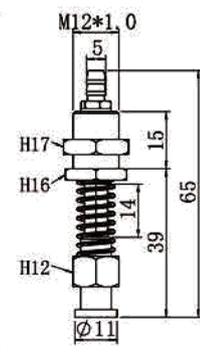
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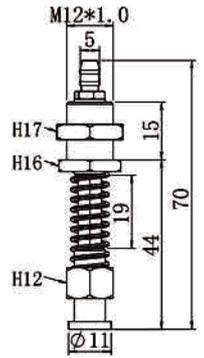
TS-M12-L60-11K



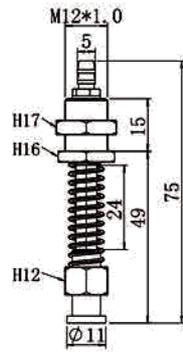
TS-M12-L63-11K



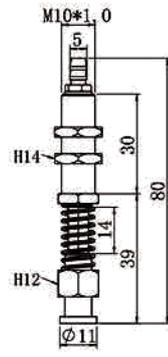
TS-M12-L65-11K



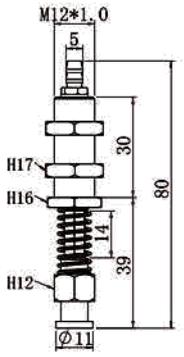
TS-M12-L70-11K



TS-M12-L75-11K



TS-M10-L80-11BK



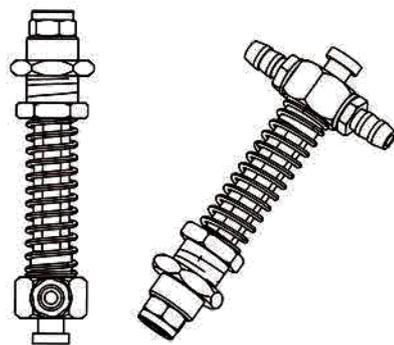
TS-M12-L80-11BK

吸盘金具系列

小头不旋转金具系列



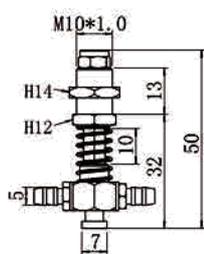
非标可定制



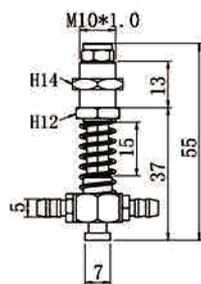
金具系列型号表示方法

TL—M10—L65—7—KB—00

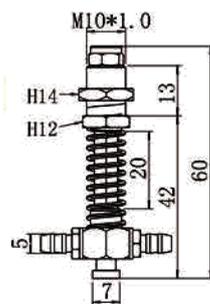
T: Y系列金具 安装连接方式: 配吸盘 小头7系列 空表示可旋转 接头--空为标准
 L: 真空方向 M10*1.0 M12*1.0 大头11系列 K表示不可旋转 00表示特殊
 L垂直 S水平 空为标准螺牙 B位加长安装螺牙



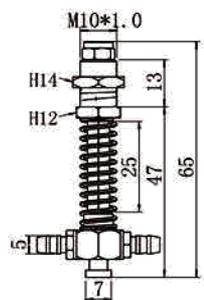
TL-M10-L50-7K



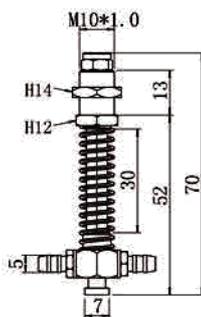
TL-M10-L55-7K



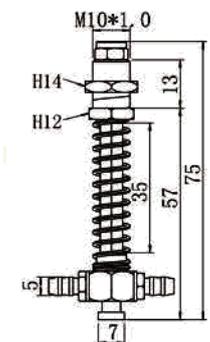
TL-M10-L60-7K



TL-M10-L65-7K



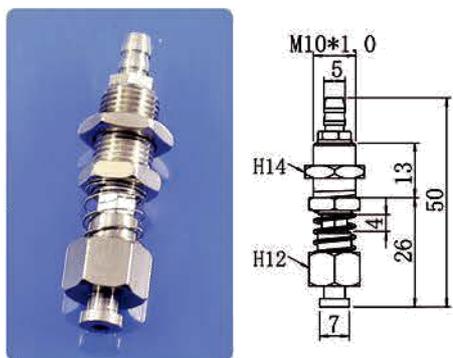
TL-M10-L70-7K



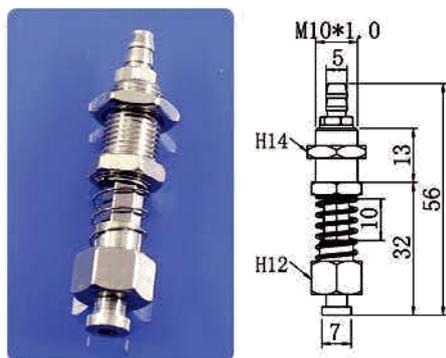
TL-M10-L75-7K

吸盘金具系列

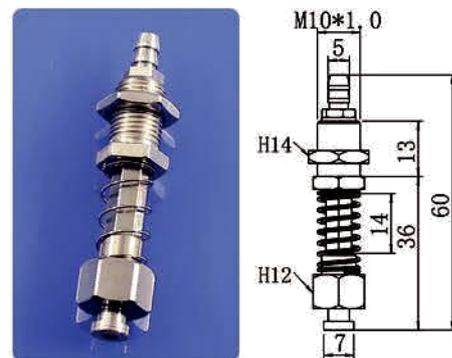
小头直通不旋转金具系列



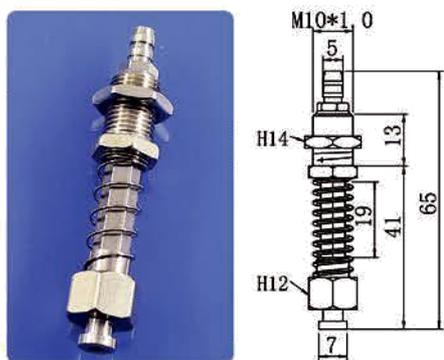
TS-M10-L50-7K



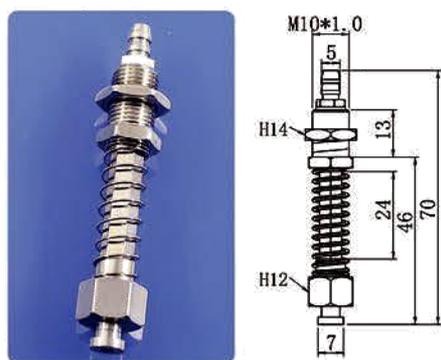
TS-M10-L56-7K



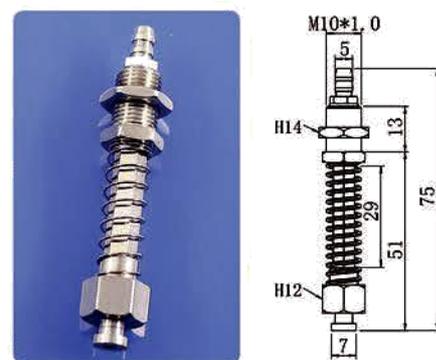
TS-M10-L60-7K



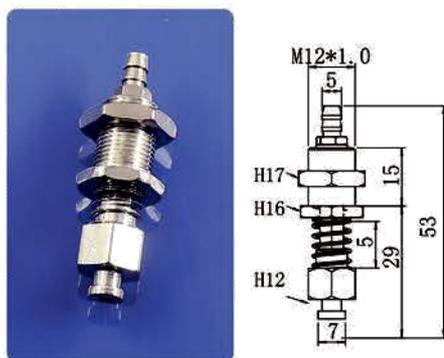
TS-M10-L65-7K



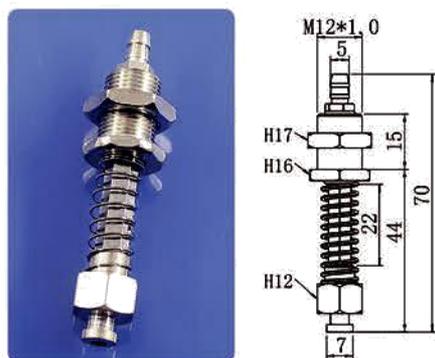
TS-M10-L70-7K



TS-M10-L75-7K



TS-M12-L53-7K



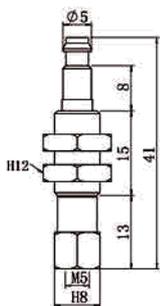
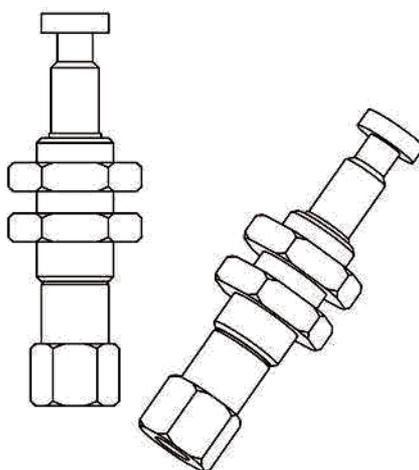
TS-M12-L70-7K

型号齐全 非标可定做

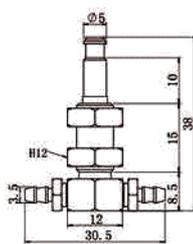
迷你金具系列



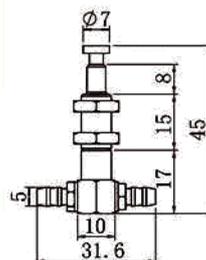
非标可定制



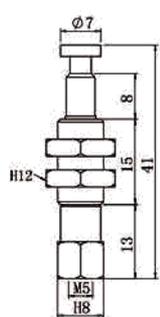
41长尖头(铁镀镍)



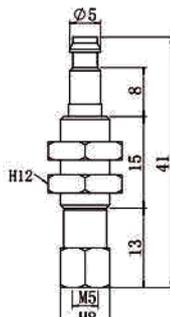
T-M8-L38尖头(镀镍)



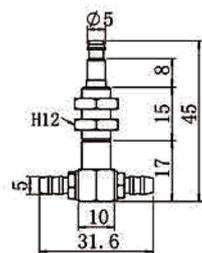
T-M8-L45尖头(铜)



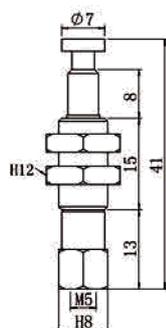
41长平头(铜)



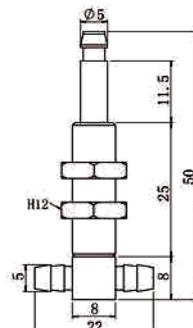
41长尖头(铜)



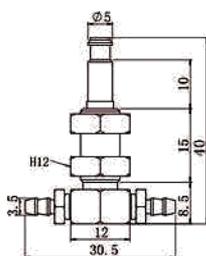
T-M8-L45平头(铜)



41长平头(镀镍)

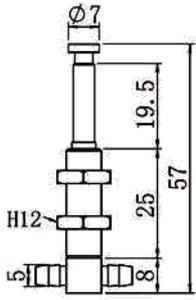


T-M8-L50尖头(镀镍)

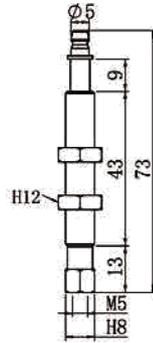


T-M8-L40尖头

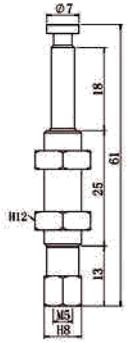
吸盘金具系列



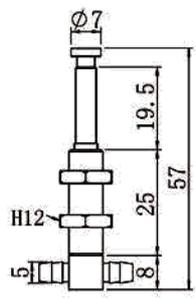
T-M8-L56平头(镀镍)



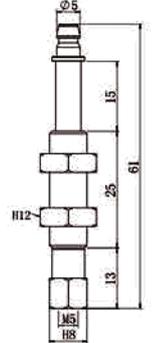
73长尖头(镀镍)



M8-L61长平头



T-M8-L56尖头(镀镍)



M8-L61长尖头

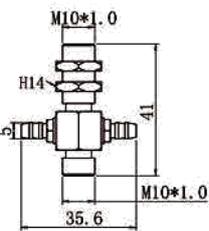
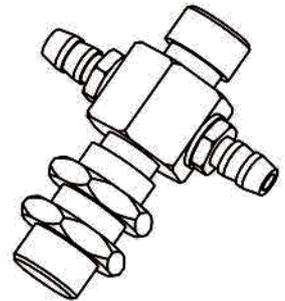
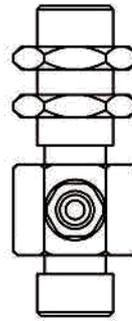
型号齐全 非标可定做

妙德金具系列

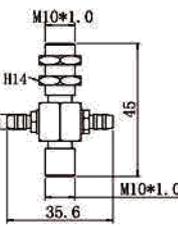
吸盘金具系列



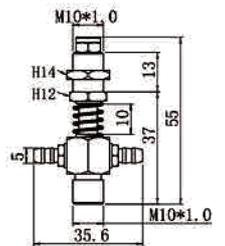
非标可定制



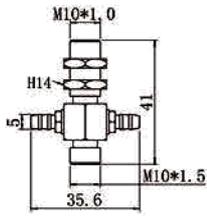
M10-M10-L43 1.0细牙



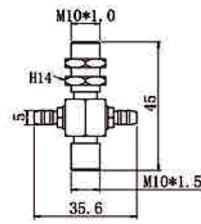
M10-M10-L45 1.0细牙



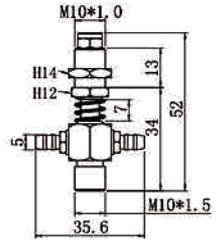
M10-M10-L53 1.0细牙



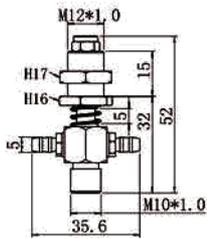
M10-M10-L43 1.5粗牙



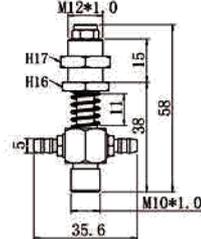
M10-M10-L45 1.5粗牙



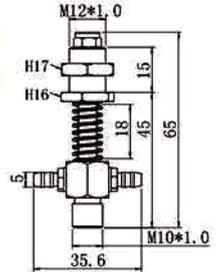
M10-M10-L53 1.5粗牙



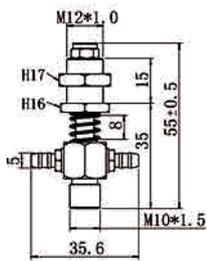
M10-M12-L53 1.0细牙



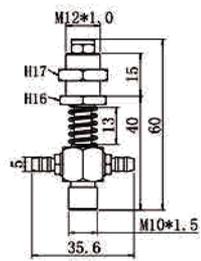
M10-M12-L58 1.0细牙



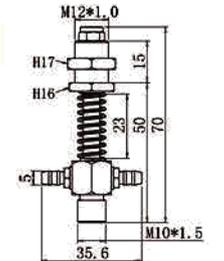
M10-M12-L65 1.0细牙



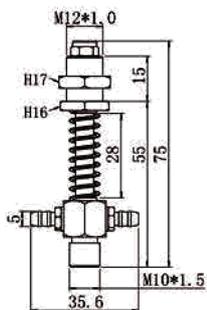
M10-M12-L53 1.5粗牙



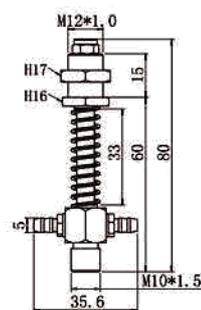
M10-M12-L60 1.5粗牙



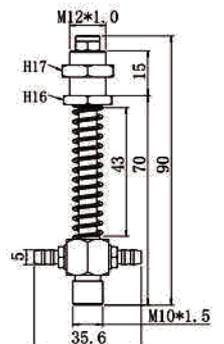
M10-M12-L70 1.5粗牙



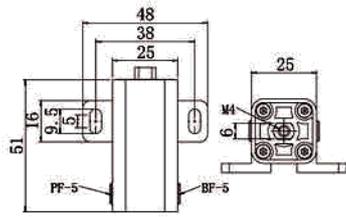
M10-M12-L75 1.5粗牙



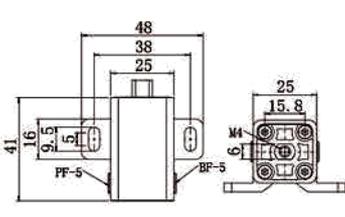
M10-M12-L80 1.5粗牙



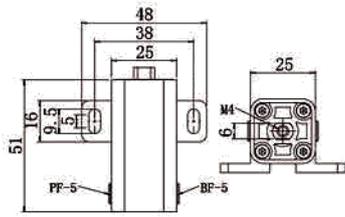
M10-M12-L90 1.5粗牙



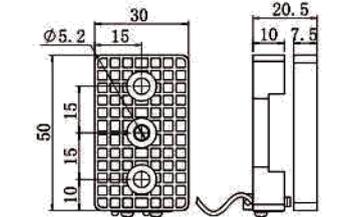
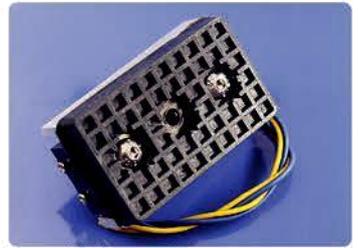
MCD-20大角抱具



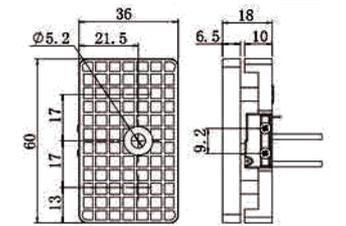
MCD-10椭圆杆抱具



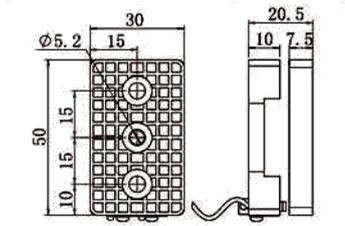
MCD-20椭圆杆抱具



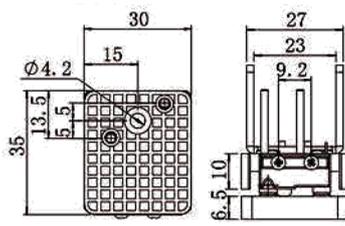
3050椭圆防滑检知抱片



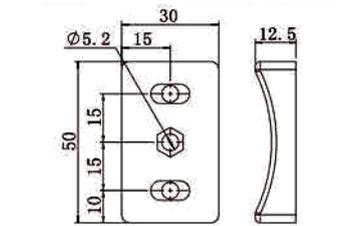
3560检知夹片



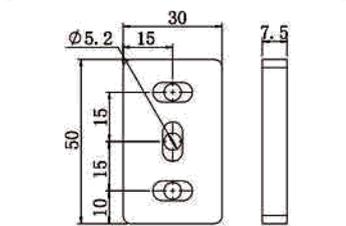
3050椭圆防滑检知抱片



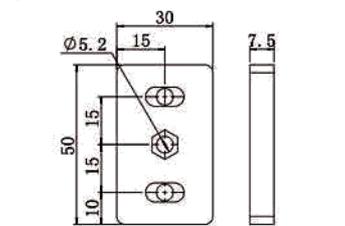
3035检知夹片



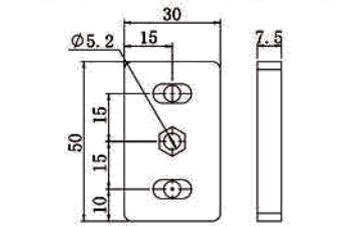
3050半圆光滑夹片



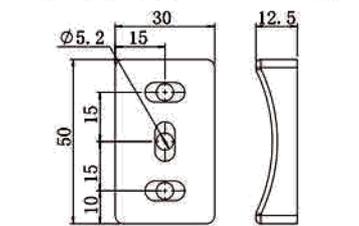
3050平面光滑夹片



3050平面防滑夹片



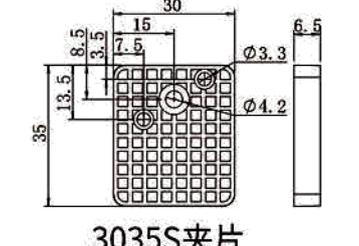
3050N平面防滑夹片



3050弧形光滑夹片



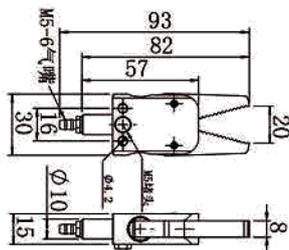
3060S防滑夹片



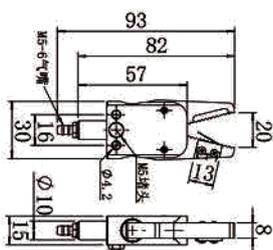
3035S夹片

夹具系列

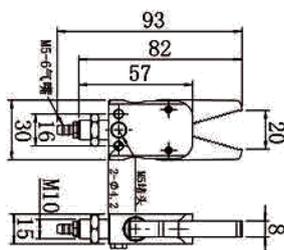
○迷你夹具系列



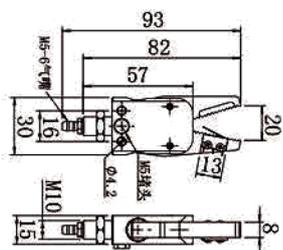
Mini-A内牙



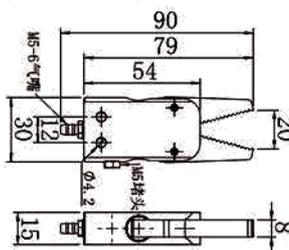
Mini-A内牙带检知



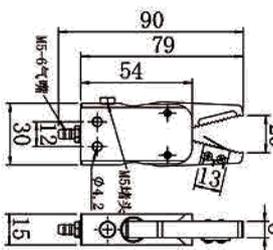
Mini-A外牙



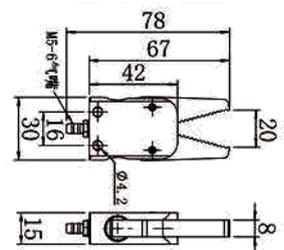
Mini-A外牙带检知



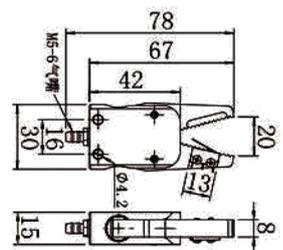
Mini-B



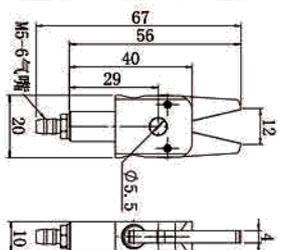
Mini-B带检知



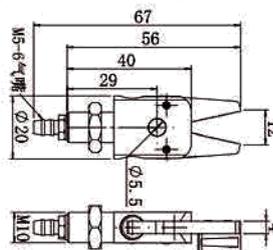
Mini-C



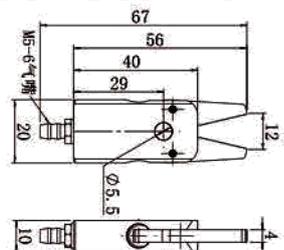
Mini-C带检知



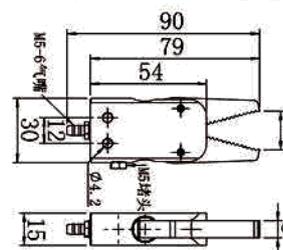
Mini-D内牙



Mini-E外牙



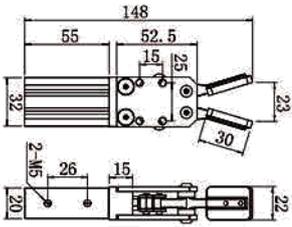
Mini-F



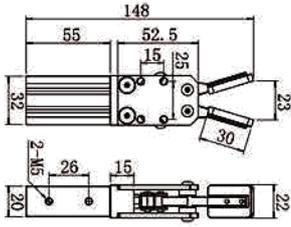
Mini-B升级款

夹具系列

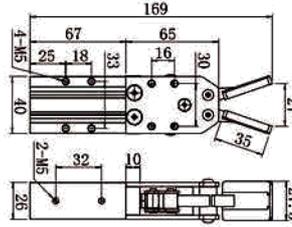
天行机械手夹具



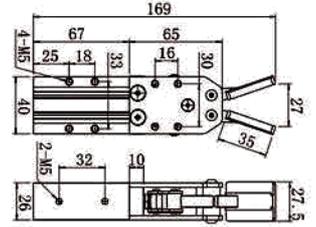
JZ1615D双动



JZ1615S单动

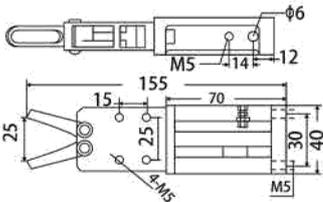
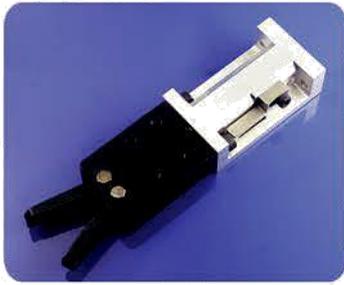


JZ2015D双动

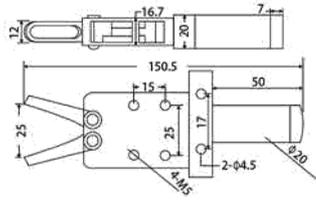
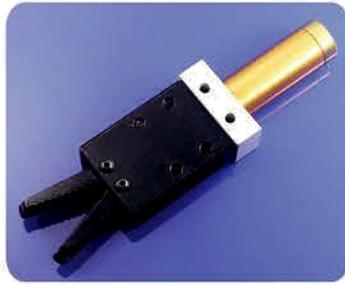


JZ2015S单动

有信夹具

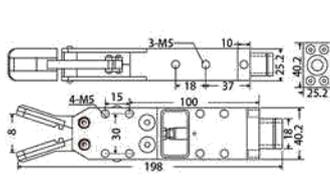


1815S

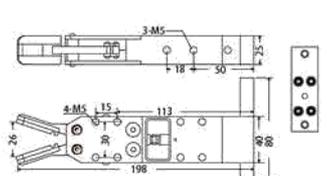
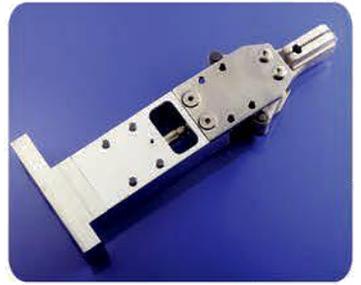


1815S1

伟立夹具

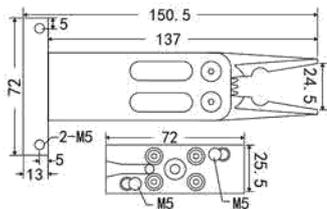


斜臂式



横走式

哈模机械手夹具



哈模小夹具

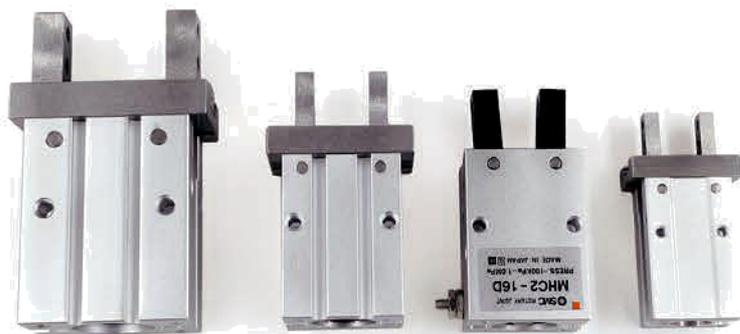


HAMO-D



RCH-16

平行夹具系列 (手指气缸)

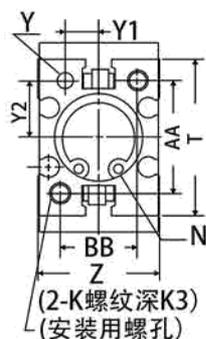
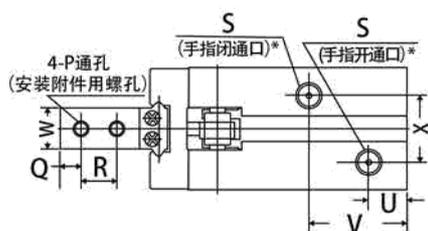
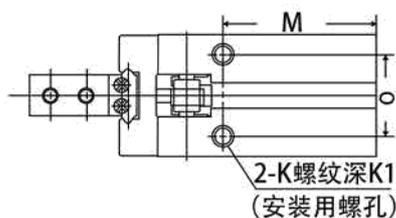
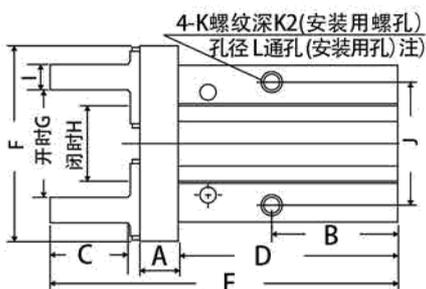


MHZ2-25S MHZ2-16D MHC2-16D MHZ2-10D

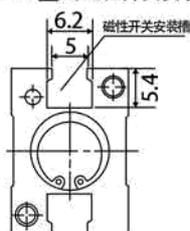
外形尺寸图

MHZ2($\phi 10$ — $\phi 40$) 双作用/单作用

基本型



MHZ2-10□ 的磁性开关安装槽尺寸



注) 使用磁性开关时, 气缸不可以通孔安装

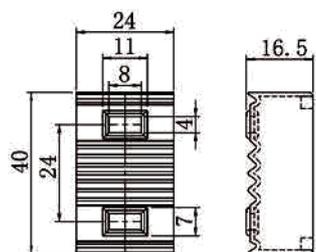
MHZ2-□□ 的磁性开关安装槽尺寸



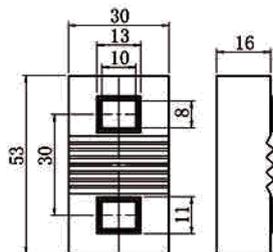
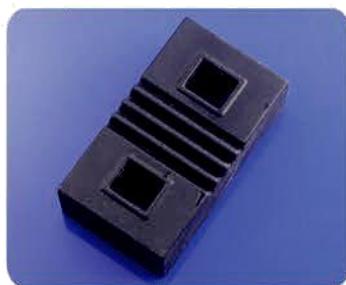
注) 使用磁性开关 D-Y59、D-Y69 及 D-Y77 时, 气缸不可以通孔安装

缸径	V	W	X	Y	Z	Y1	Y2	AA	BB	CC	DD	EE
10	19	$5_{-0.05}^0$	11	$\phi 2H9_{+0.025}^0$ 深3	16.4 ± 0.05	5.2 ± 0.02	7.6 ± 0.02	18	12	---	---	---
16	19	$8_{-0.05}^0$	13	$\phi 3H9_{+0.025}^0$ 深3	23.6 ± 0.05	6.5 ± 0.02	11 ± 0.02	22	15	11.6	2.1	5.8
20	23	$10_{-0.05}^0$	15	$\phi 4H9_{+0.03}^0$ 深4	27.6 ± 0.05	7.5 ± 0.02	16.8 ± 0.02	32	18	14	2.1	9
25	23.5	$12_{-0.05}^0$	20	$\phi 4H9_{+0.03}^0$ 深4	33.6 ± 0.05	10 ± 0.02	21.8 ± 0.02	40	22	19	3.5	11.5
32	31(37)	$15_{-0.05}^0$	24	$\phi 5H9_{+0.03}^0$ 深5	40 ± 0.1	12 ± 0.02	23 ± 0.02	46	26	24	3.3	11.5
40	38(45)	$18_{-0.05}^0$	28	$\phi 5H9_{+0.03}^0$ 深5	48 ± 0.1	14 ± 0.02	29 ± 0.02	56	32	29.4	3.7	13

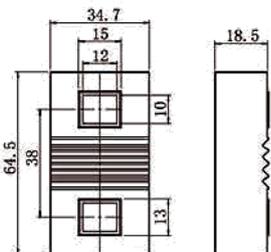
○平行夹防尘套



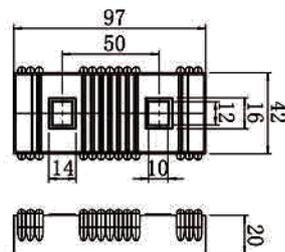
MHZ2-16D/16S防尘套



MHZ2-20D/20S防尘套

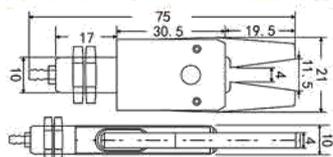


MHZ2-25D/25S防尘套

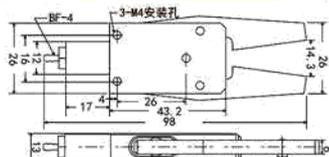


MHZ2-32D/32S防尘套

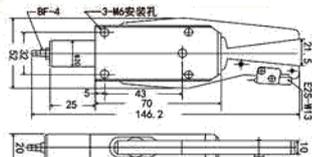
○星塔(STAR)机械手夹具系列



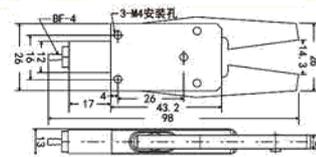
CHK-08-C



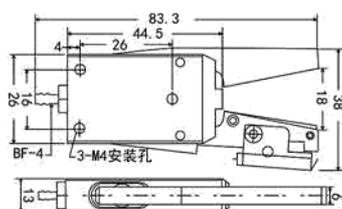
CHK-EMI-12



CHK-EX20-D(配线)



CHK-EMI-12



CHK-EM12-C带检知



型号配件齐全 非标可定做



夹具系列

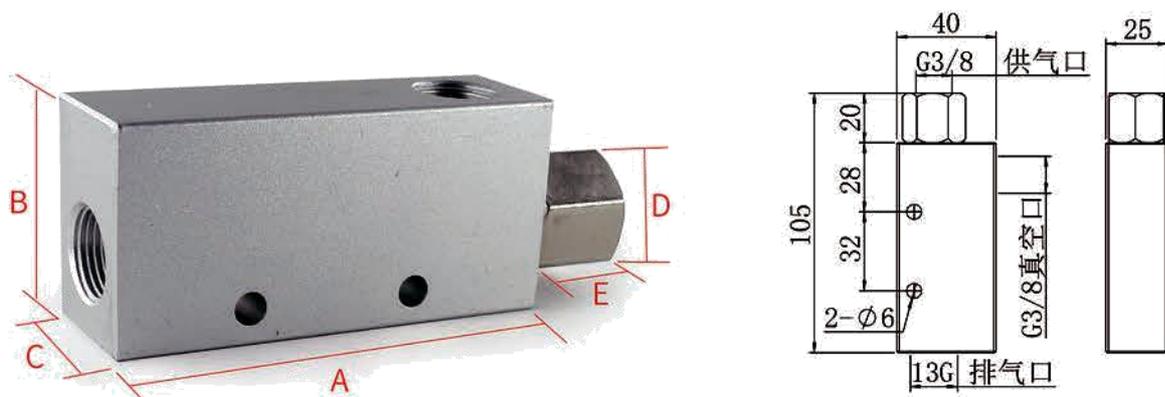
CV真空发生器系列



名称符号说明



真空发生器产品型号



CV-20PT标准型真空发生器

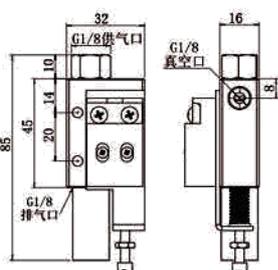
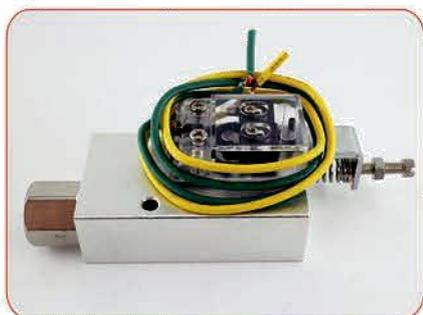
产品型号	A	B	C	D	E	消声器安装螺纹	进气口螺纹	真空口螺纹
CV-10	45	32	16	14	10	G1/8	G1/8	G1/8
CV-15	63	35	20	17	15	G1/4	G1/4	G1/4
CV-20	85	40	25	17	20	G3/8	G3/8	G3/8
CV-25	85	40	25	17	20	G3/8	G3/8	G3/8

真空发生器CV-10HS 侧螺纹内径8MM 进气 出气 排气口均为1分1/8

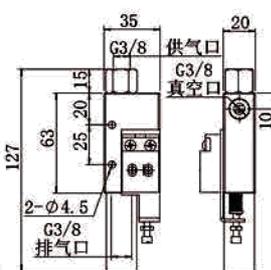
真空发生器CV-15HS 侧螺纹内径11MM 进气 出气 排气口均为2分1/4

真空发生器CV-20HS 侧螺纹内径15mm 进气口2分1/4 出气口 排气口为3分3/8

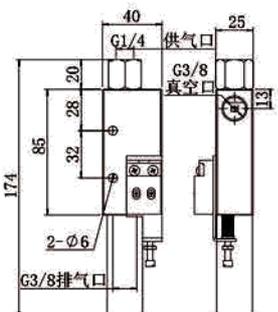
真空发生器系列



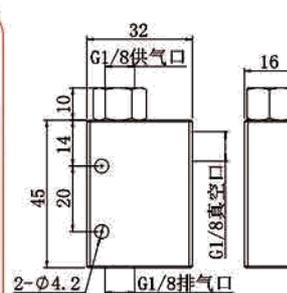
CV-10HSCK带信号开关



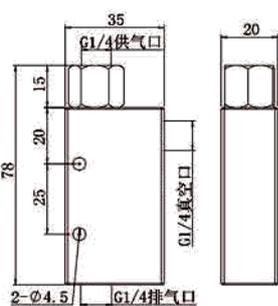
CV-15HSCK带信号开关



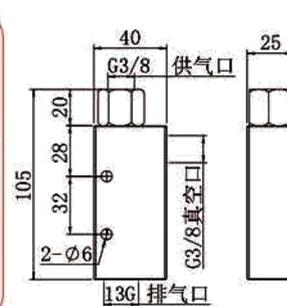
CV-20HSCK带信号开关



CV-10PT标准型



CV-15PT标准型



CV-20PT标准型

真空发生器配件系列



1分消声器黑/蓝



2分消声器蓝



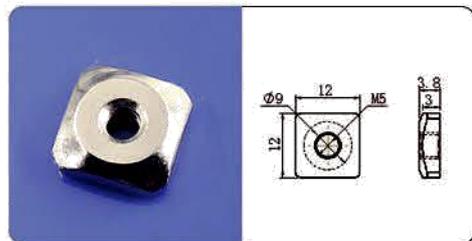
2分消声器黑



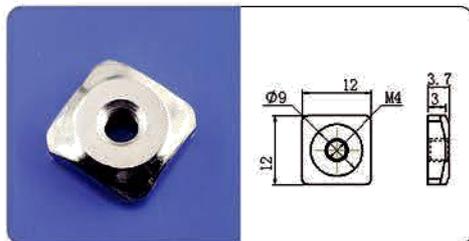
3分消声器蓝

治具零配件系列

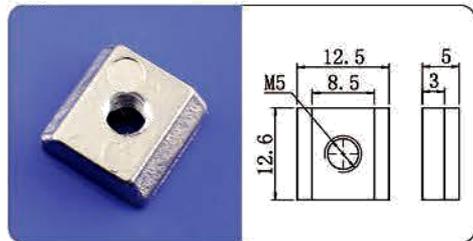
○ 螺母系列



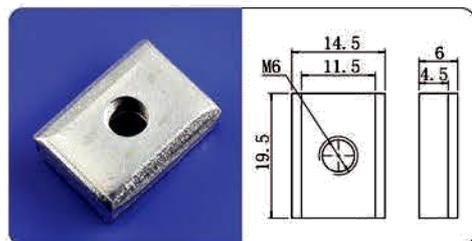
新款单孔螺母M5



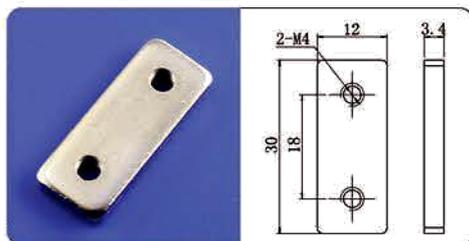
单孔螺母M4



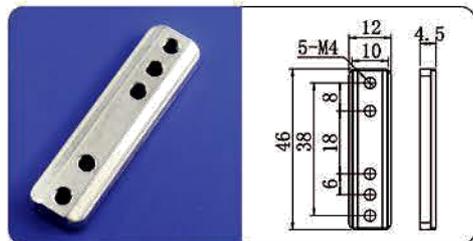
哈模单孔螺母(海尔精锐)



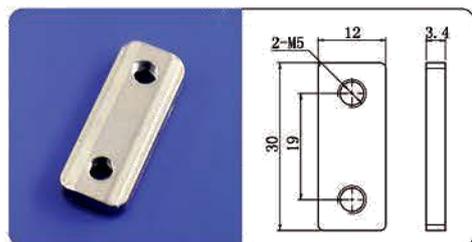
单孔长方形螺母M6



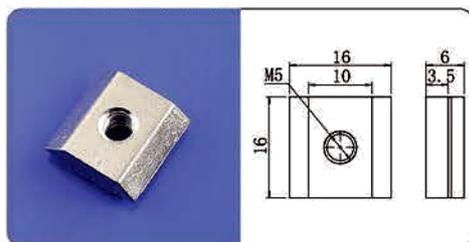
两孔螺母M4



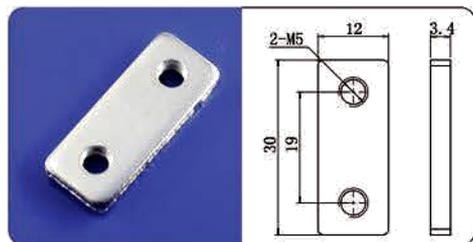
五孔螺母M4



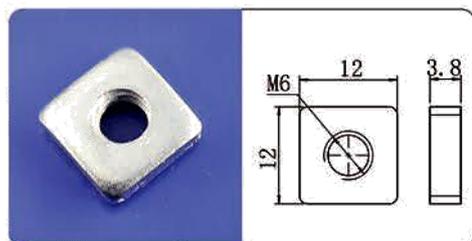
压铸两孔螺母M5



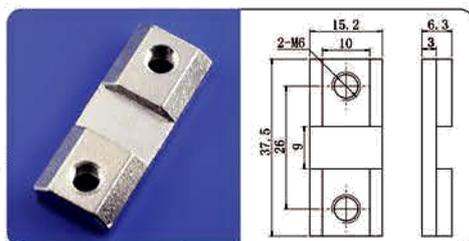
凸形单孔螺母M5



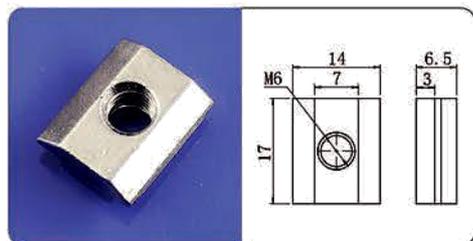
两孔螺母M5



单孔螺母M6

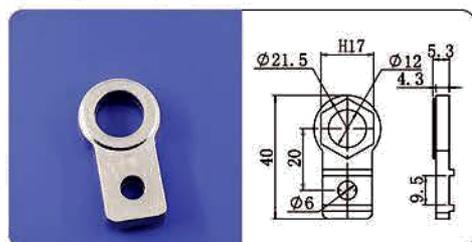


两孔螺母02-M6

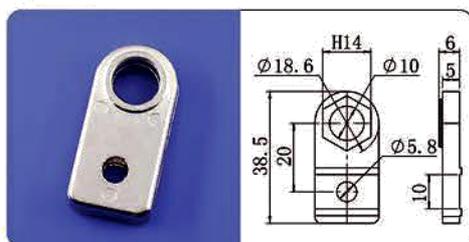


M6凸形单孔螺母

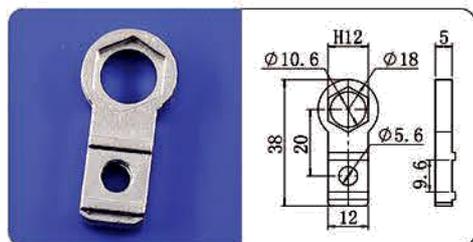
○ 固定块系列



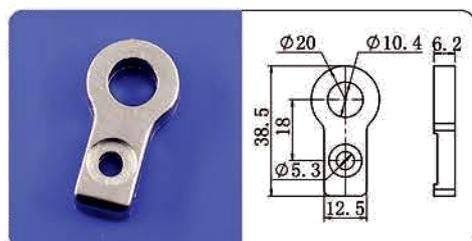
天行金具固定块M12



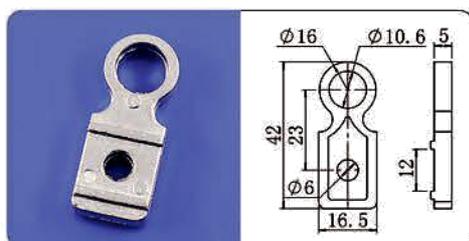
天行金具固定块M10



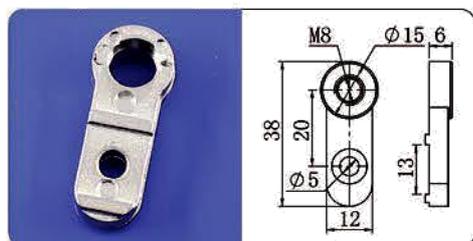
小头M10固定块



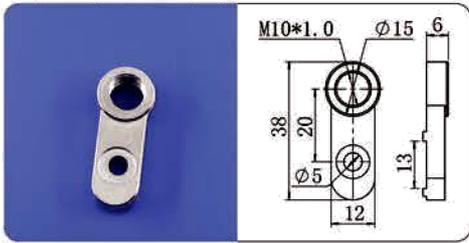
海尔M10



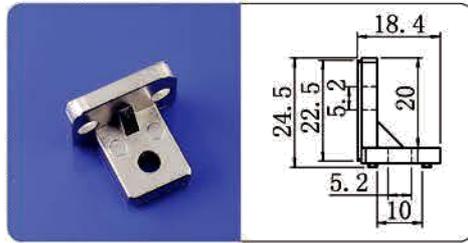
金爪



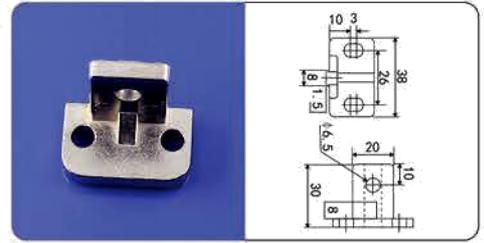
哈模M8



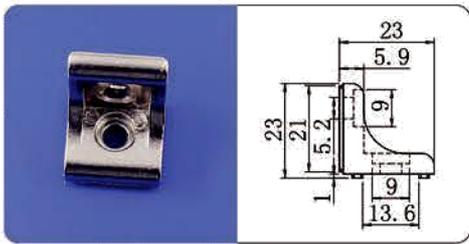
精锐固定块M10



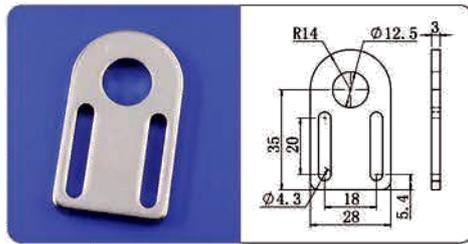
天行L块



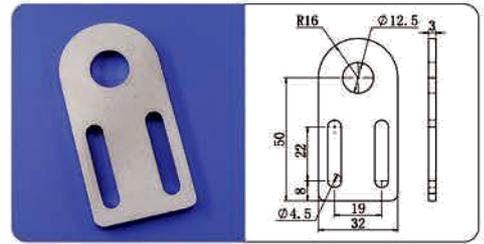
天行治具大L块



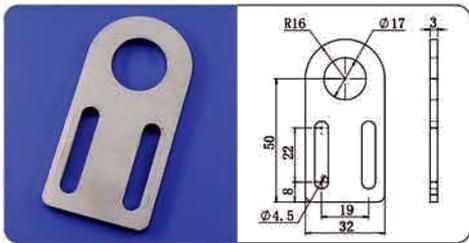
哈模L块



金具固定板A-12.5



金具固定板B-12.5



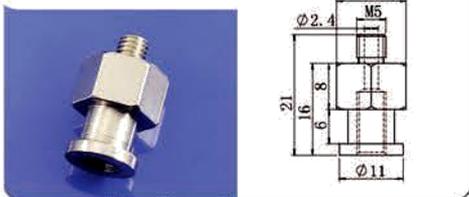
金具固定板B-17



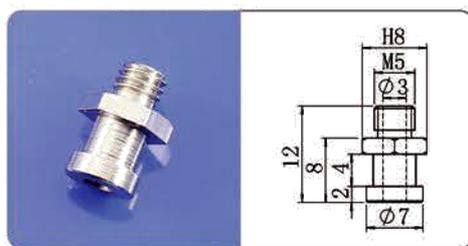
大夹子L固定块

型号齐全 非标可定做

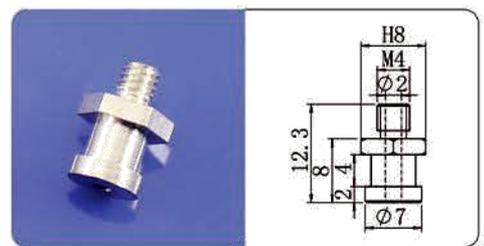
金具转换头系列



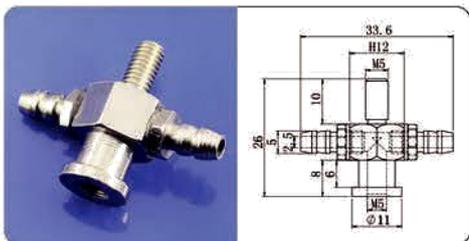
HSPPS-M4外牙M5内牙



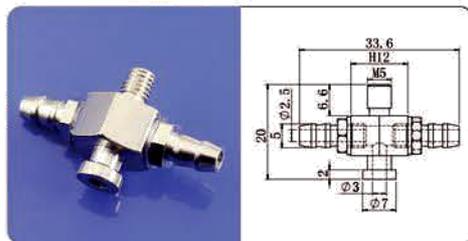
小头金具转换头SPPS-M5



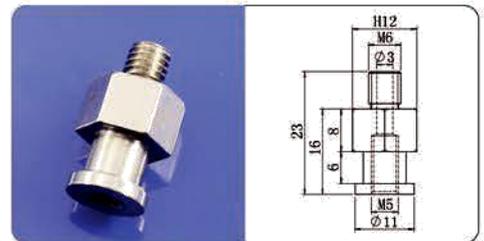
小头金具转换头SPPS-M4



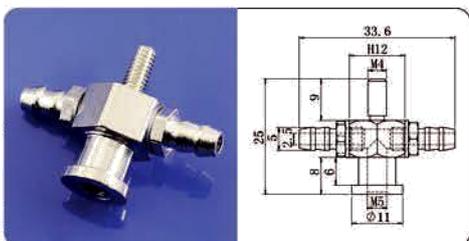
大头M5外牙气缸头



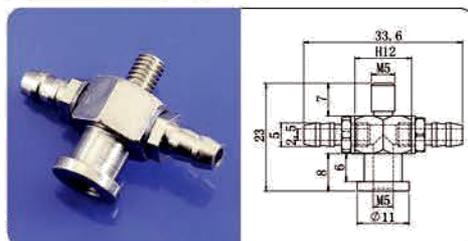
小头气缸头M5外牙



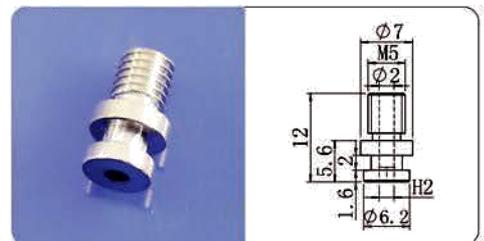
大头金具转换头HSPPS-M6



大头气缸转换头M4



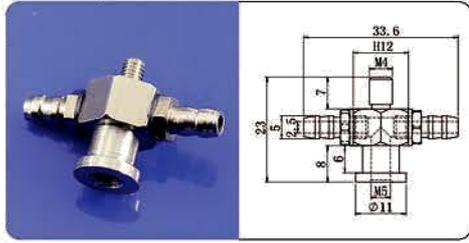
M5气缸头牙短



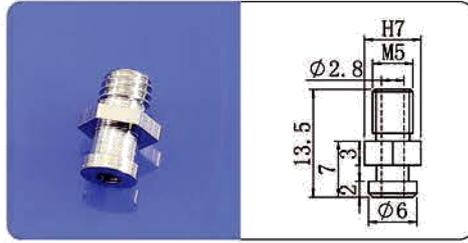
转换头P6M5N

治具零配件

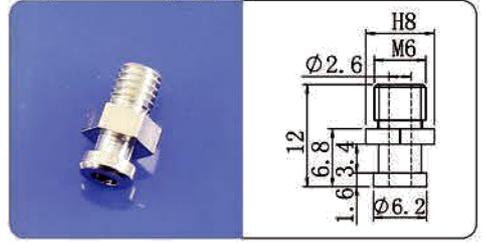
○ 转换头 气咀 气排系列



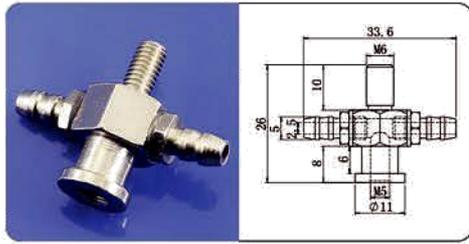
大头气缸头M4牙短



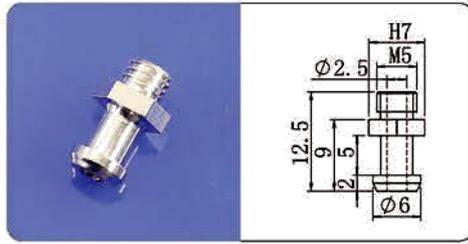
M5微型金具PS专用



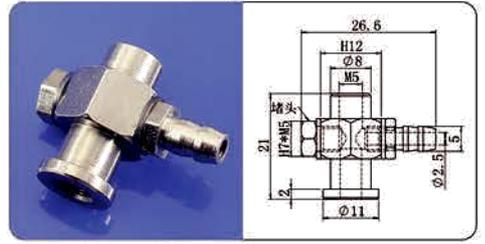
小头金具转换头M6



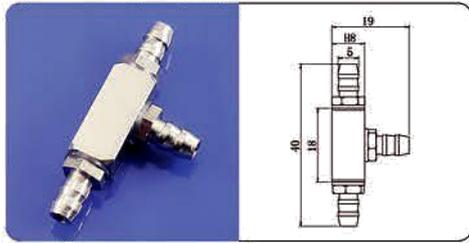
M6气缸头长牙



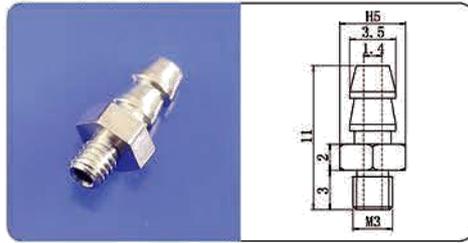
SPPS-M5 B



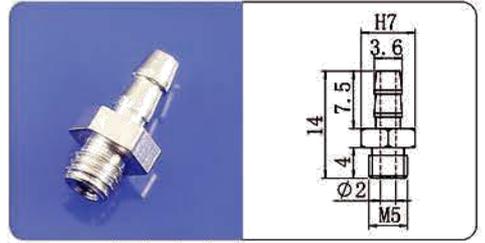
M5内牙气缸头(单侧通)



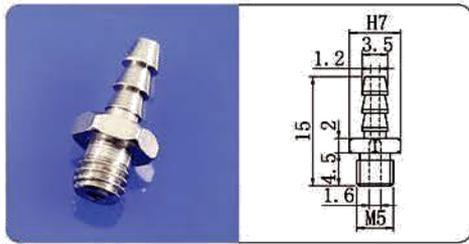
三通气咀转换头



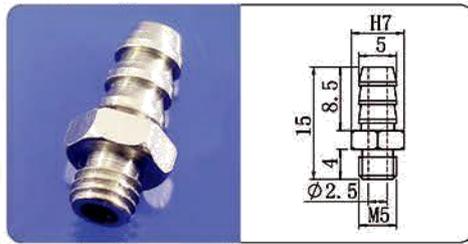
M3-4二节气咀



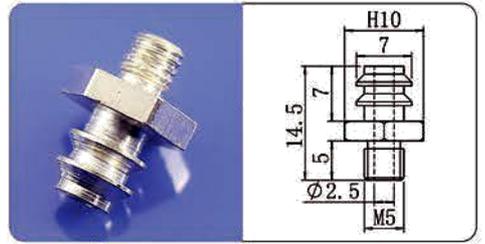
M5-4二节气咀



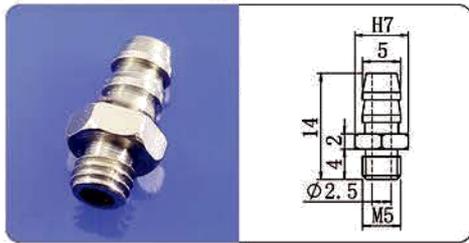
M5-4三节气咀



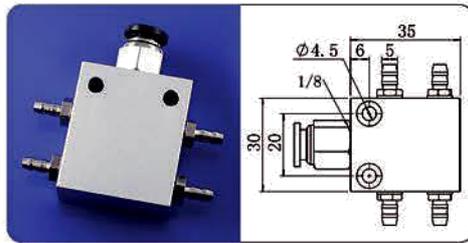
M6-3三节气咀



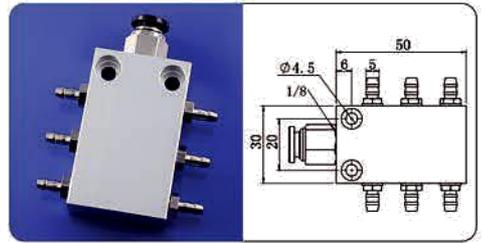
M5-7二节气咀



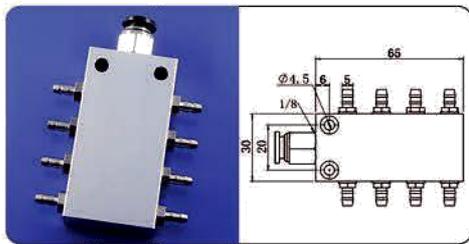
M5-6二节气咀



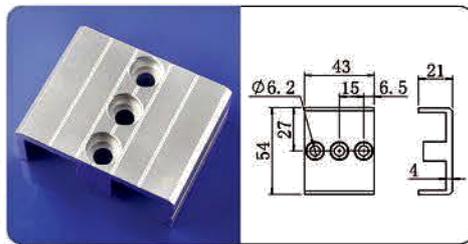
1分4气排



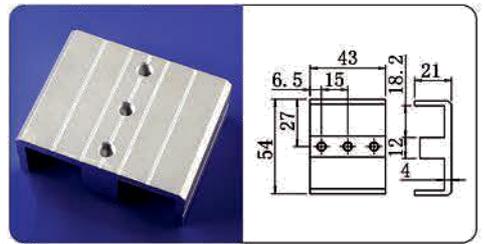
1分6气排



1分8气排

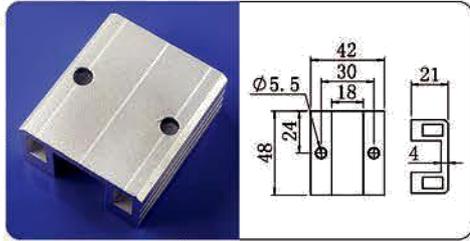


双槽通孔铝条固定块

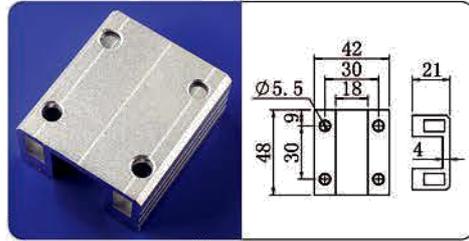


双槽通孔有牙M5铝条固定块

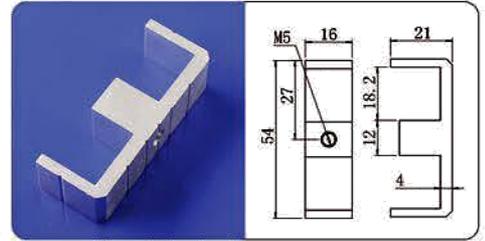
治具铝条固定块系列



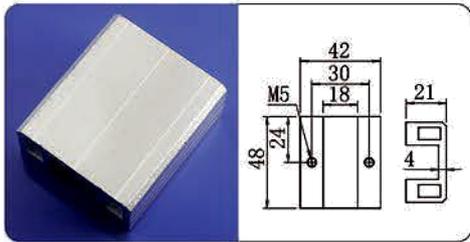
单槽通孔固定块



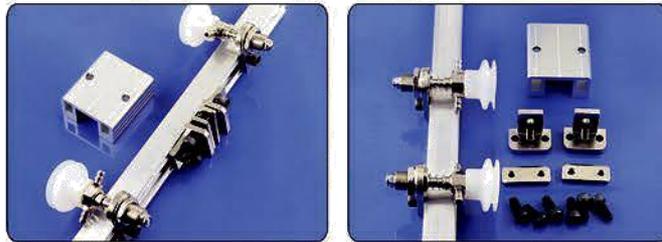
单槽通孔(四个孔)



双槽单孔

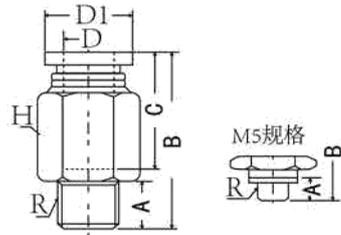


单槽M5不通孔



铝条固定块配件

气动接头系列



型号	D	D1	R	A	B	H	C
PC6-01	6	12	1/8	6.5	20	12	14
PC4-M5	4	11	M5*0.8	4	20.2	10	15
PC6-M5	6	12	M5*0.8	3.5	19.2	12	15.5
PC8-M5	8	14-16	M5*0.8	4	25.5	14	20.5

型号齐全 坚固耐用



PC8-01黑色/蓝色

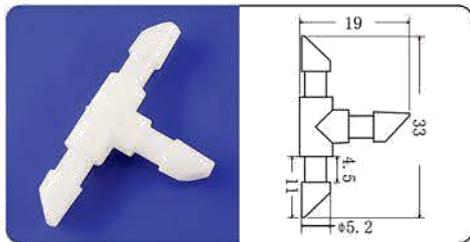


PC8-M5蓝色 PC8-01

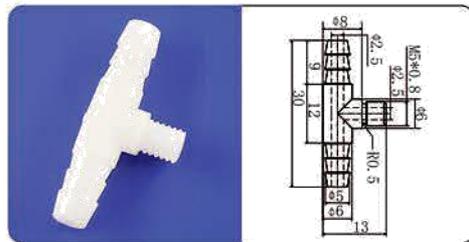


PC8-01 PC6-01 PC6-M5 PC4-M5

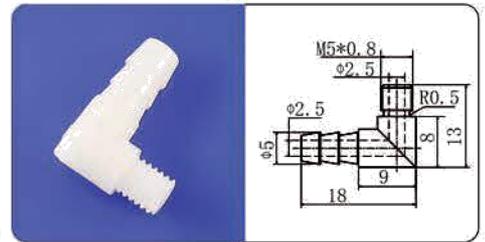
气管接头系列



无牙塑料三通接头#6



有牙塑料三通接头M5



有牙塑料弯头M5

○ 螺钉系列



8-H12-M5X7

11-H15-M6X10

十字螺丝M4X12

5X12

20-H29-M6X13

11-H11-M5X8

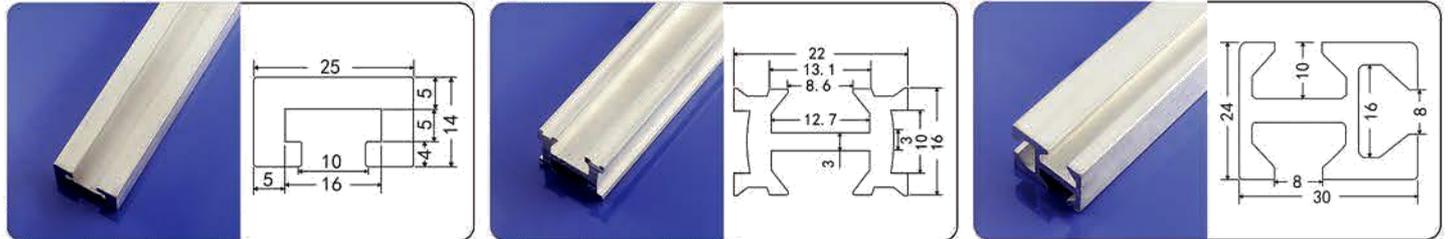
12-H17-M6X11

15-H20-M6X10

11-H13-M5X4

H18-M6X8

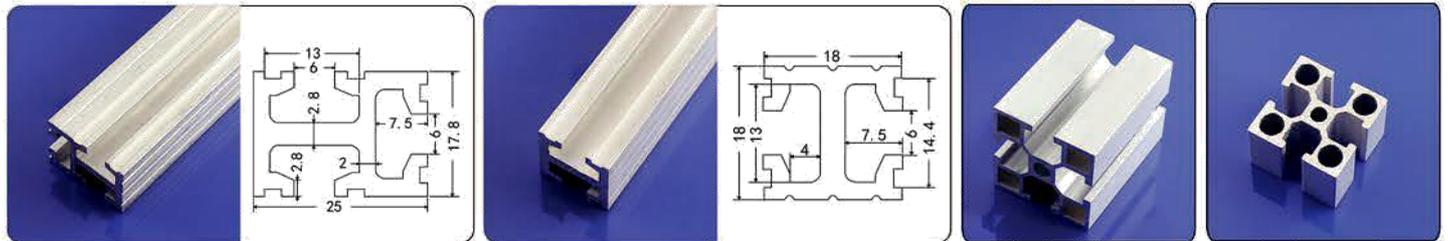
○ 铝型材系列



14*25单槽铝条

16*22哈模铝条

24*30斜三槽铝条

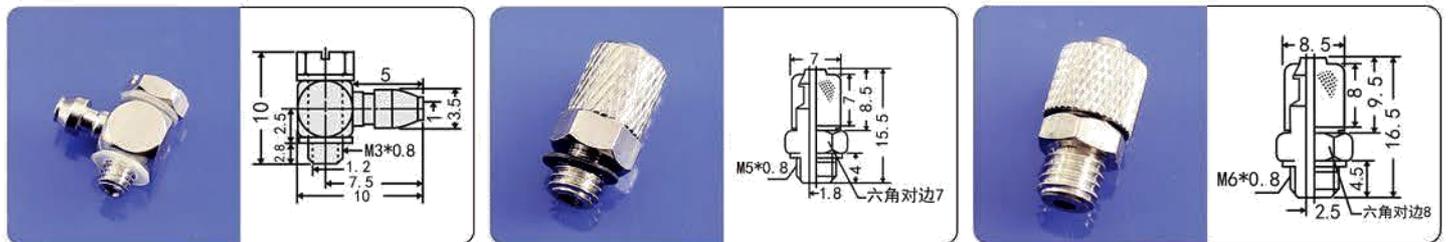


○ SMC快速接头 18*25三槽铝条

18*18天行铝条

GYL-4040E

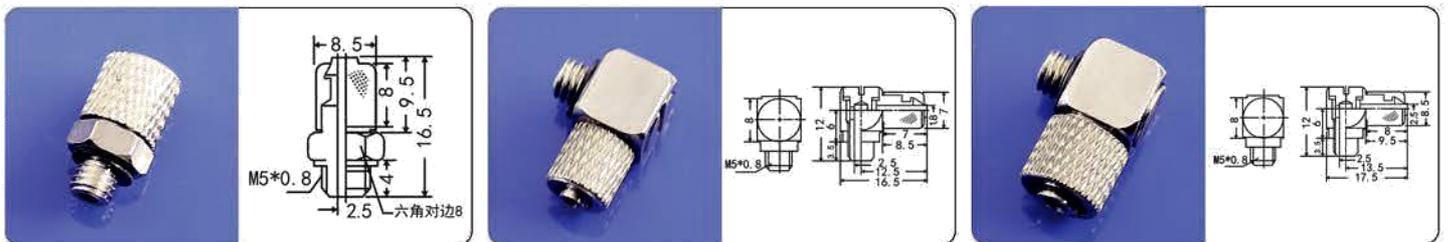
其他型号可定做



M3-4弯头

M-5H-4

M-6H-6

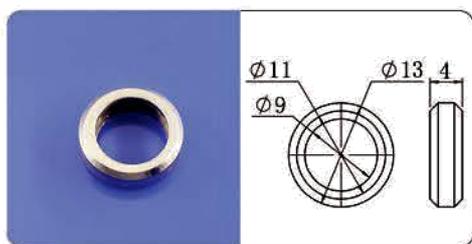


M-5H-6

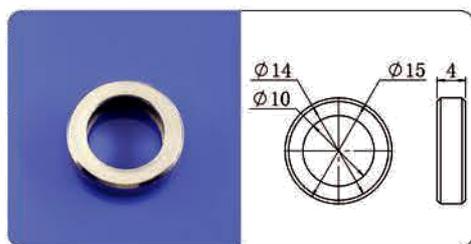
M-5HL-4

M-5HL-6

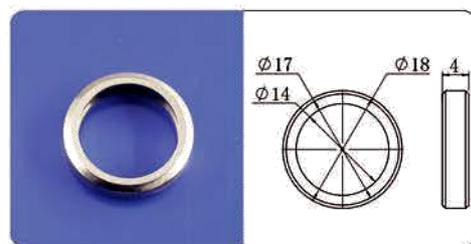
○真空吸盘压环系列



小环 ϕ 13



中环 ϕ 15



大环 ϕ 18

○硅胶管系列



2*4



3*6



耐高压PU管4*6



耐高压PU管5*8

○磁性开关系列



AN-11R-01



D-A93



AN-20R(PAB-01)



AN-03R(PB0-01)



AN-36R-02



AN-06R



AN-07R



AN-07D

