

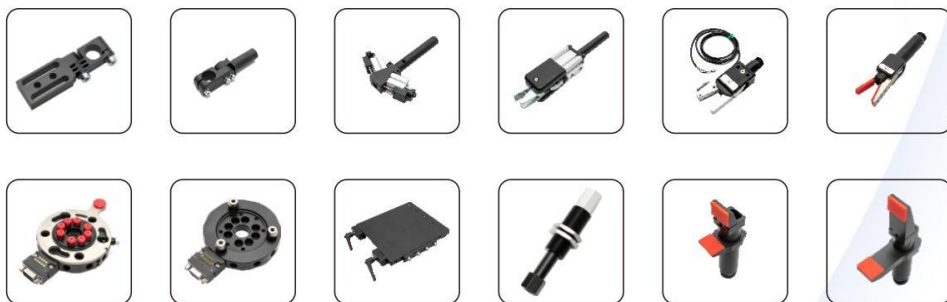
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机械手夹具&配件 源头厂家



MAKING GRIPPER STANDARD

让抓取变得智能化 让治具变得简易化



苏州翰德林机器人科技有限公司



ABOUT US

关于我们



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机械手夹具&配件 源头厂家



翰德林自动化产品（中国）有限公司是“让抓取变得智能化 让治具变得简易化”理念的倡导者和践行者，是将工业4.0技术融入工业自动化产品及解决方案的专业厂商，公司2016年创建于欧洲，2021年在中国苏州昆山设立生产加工基地。公司自成立以来，以实践为主导，创新为方向，研发为基础，为国内多个大小企业解决各种棘手难题。

公司旗下拥有GS CGS两大自主品牌，其中，GS品牌系列涵盖精密机械功能组件，包含夹持抓取、气动剪切、机器人快换装置、高精度传感器及电驱产品和EOAT治具组件等五大系列6500余种产品。适用于抓取、剪切、真空搬运、智能装配等生产环节。广泛应用于汽车生产制造、航空、3C、医疗、注塑及自动化行业。CGS品牌系列主要致力于各种治具设计及搭建安装。公司业务合作伙伴有福特、福耀、宝马、比亚迪、奔驰、蔚来且为2023年度长城汽车总公司的指定合作商。

公司秉承创业时初心，以持续创新为宗旨，品质为核心，为客户节约成本为中心，优质服务为根本的经营管理理念来为全球的工业自动化行业快速发展添砖加瓦。



苏州翰德林机器人科技有限公司

科技创造美好生活 夹具改变工业时代



COMPANY QUALIFICATION

公司资质



珍藏过去的荣耀 **创造**明日的辉煌

Collect past honor create brilliant tomorrow



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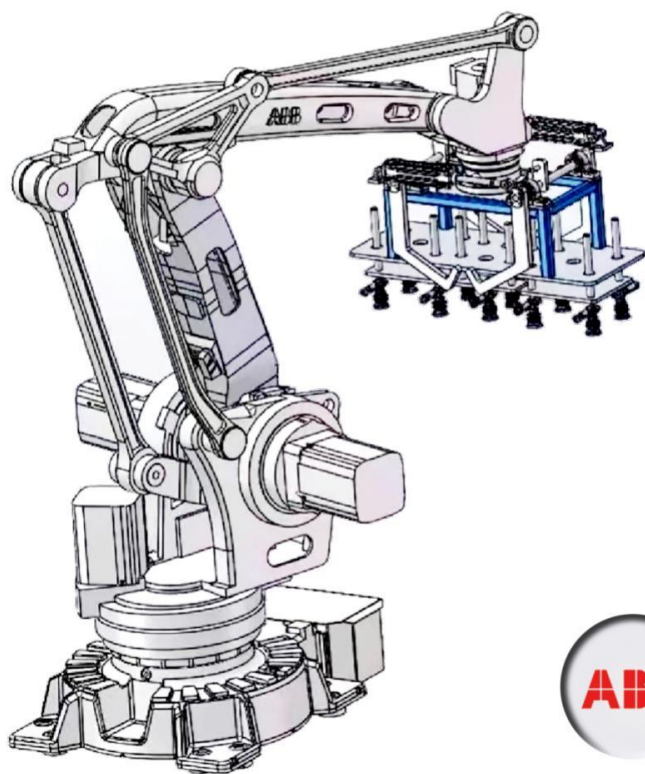
机械手夹具&配件 源头厂家



MAKING GRIPPER STANDARD



智能工业



合作伙伴



长城汽车



一汽-大众

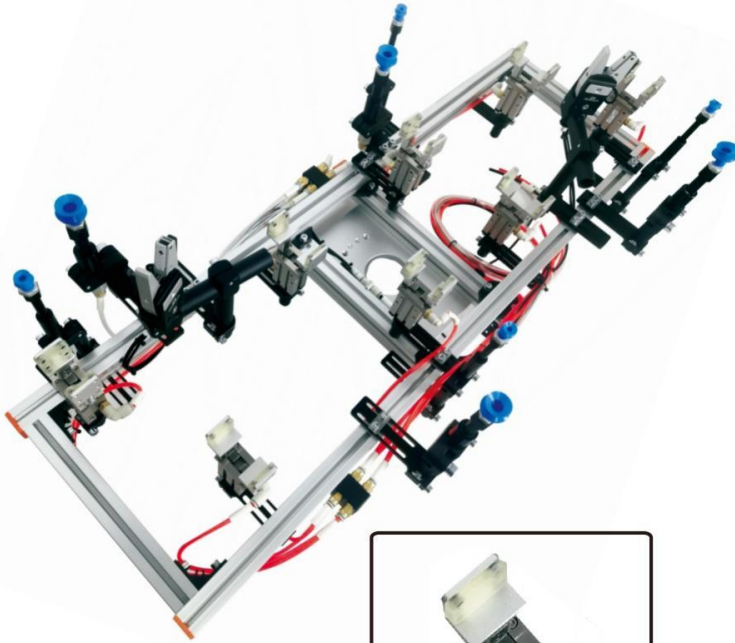


苏州翰德林机器人科技有限公司

科技创造美好生活 夹具改变工业时代

治具实例

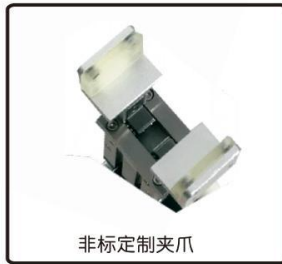
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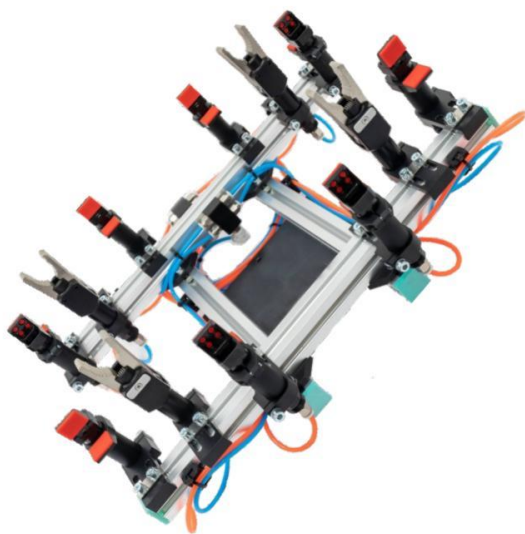
水口夹取



产品吸取



非标定制夹爪



水口夹取



产品勾取

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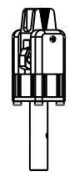
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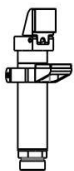
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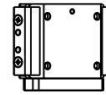
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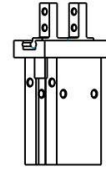
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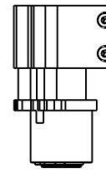
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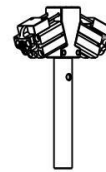
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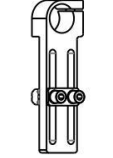
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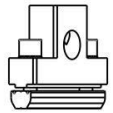
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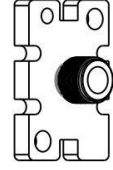
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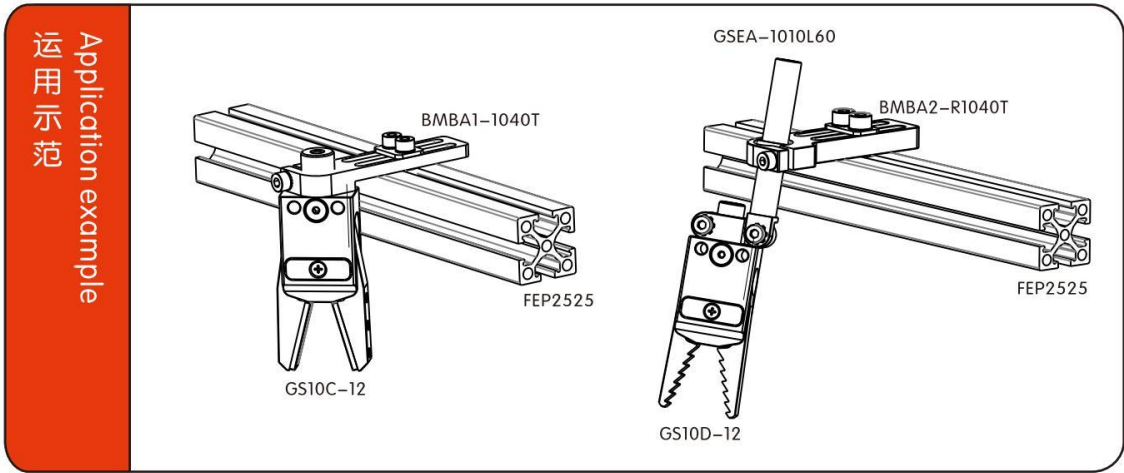
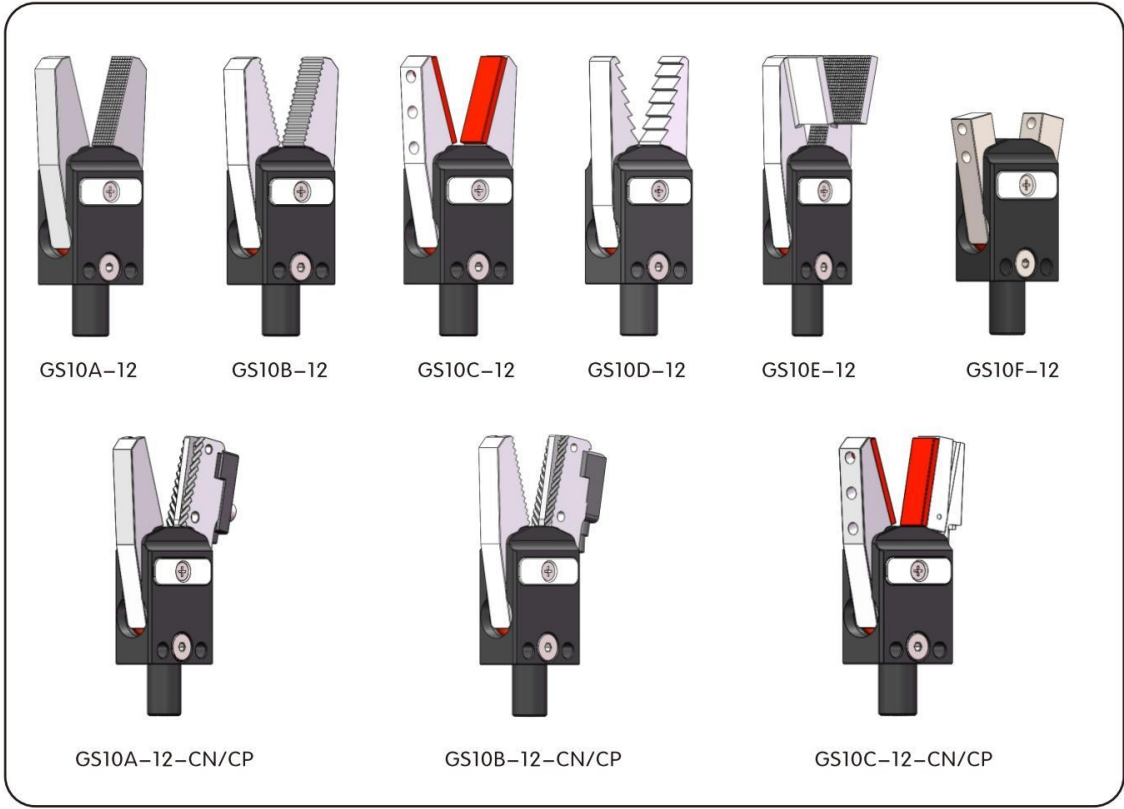
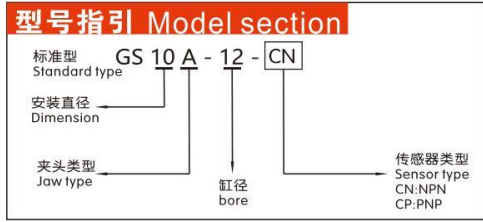
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水口夹 Sprue gripper

双钳口非自动校准中心夹具GS10系列
 2-jaw non-selfcentering angular
 pneumatic sprue gripper
 Series:GS10



水口夹 Sprue gripper

GS10B-06

Piston bore: 6mm.

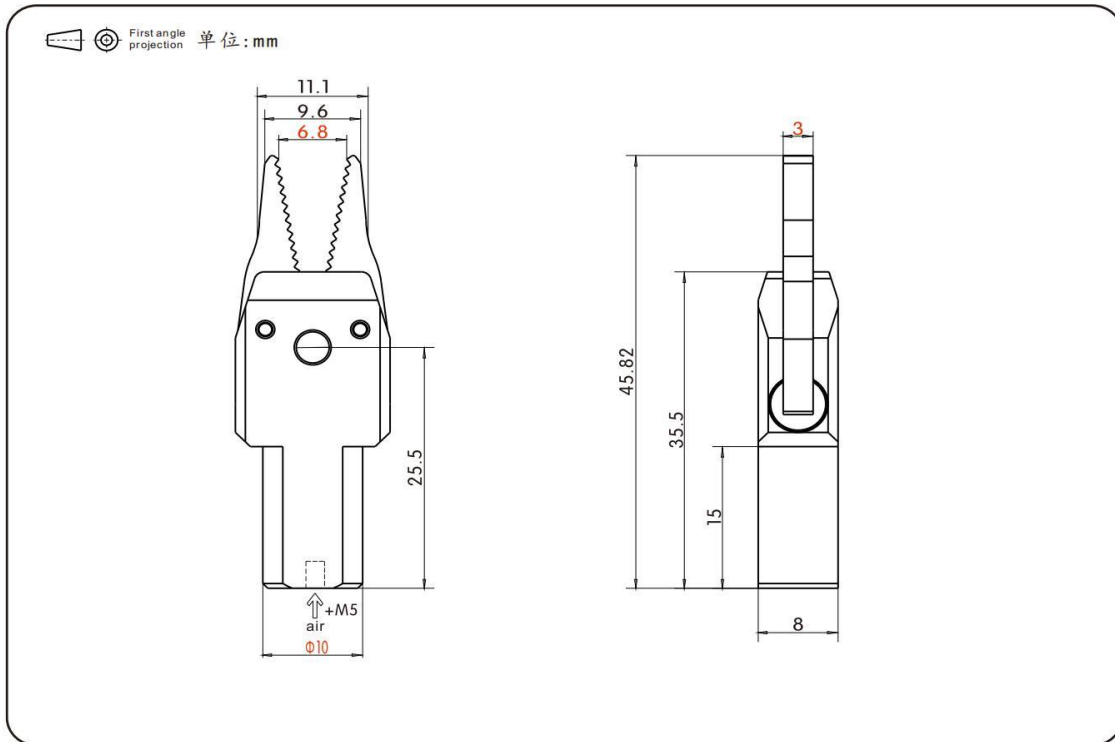
活塞孔: 6mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	4~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x10°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	0.3cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	10N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	1N/cm
重量 Weight	7g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10B-08

Piston bore: 8mm.

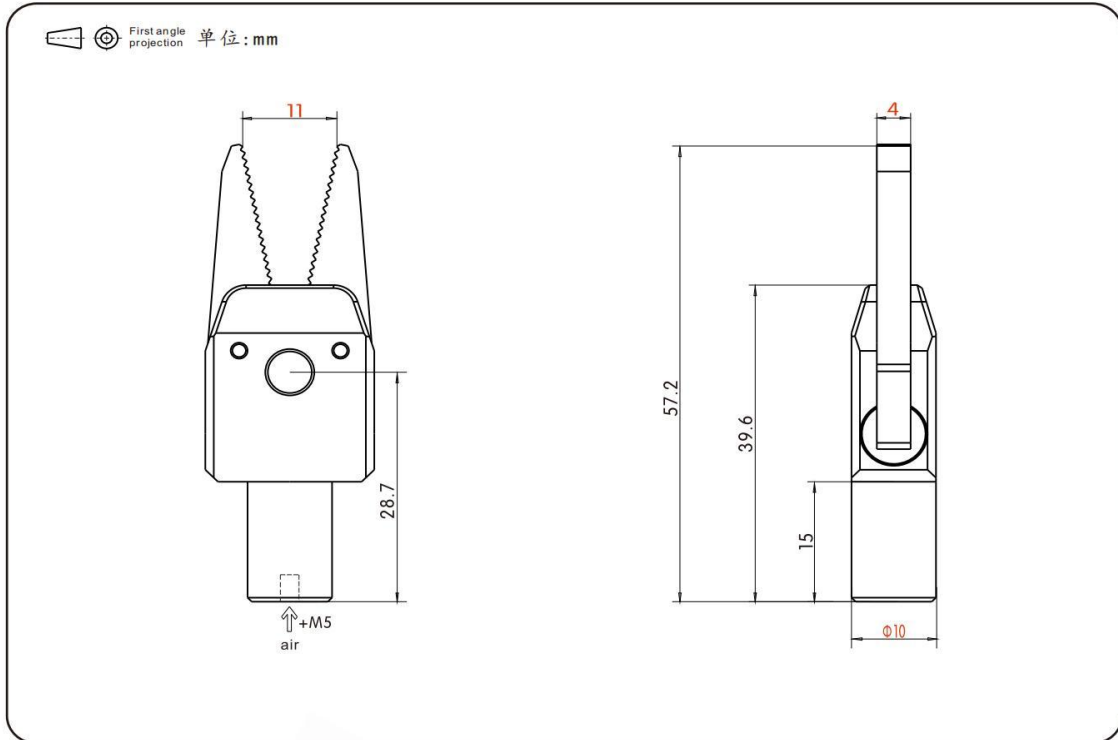
活塞孔: 8mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作

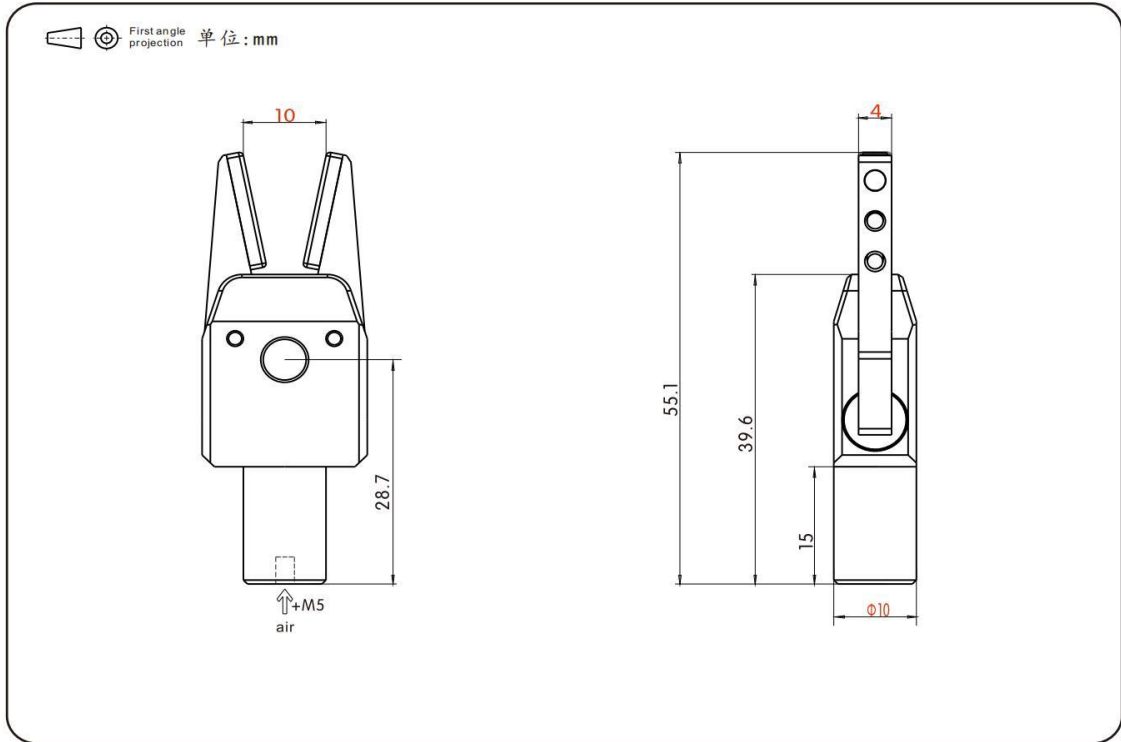


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	4~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x10°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	0.3cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	24N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	2N/cm
重量 Weight	15g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10C-08

Piston bore:12mm. 活塞孔: 12mm
 Aluminum jaws. 铝制钳口
 Single acting. 单一动作
 Silicone padS. 硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	4~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x10°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	0.3cm³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	24N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	2N/cm
重量 Weight	15g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10A-12

Piston bore:12mm.

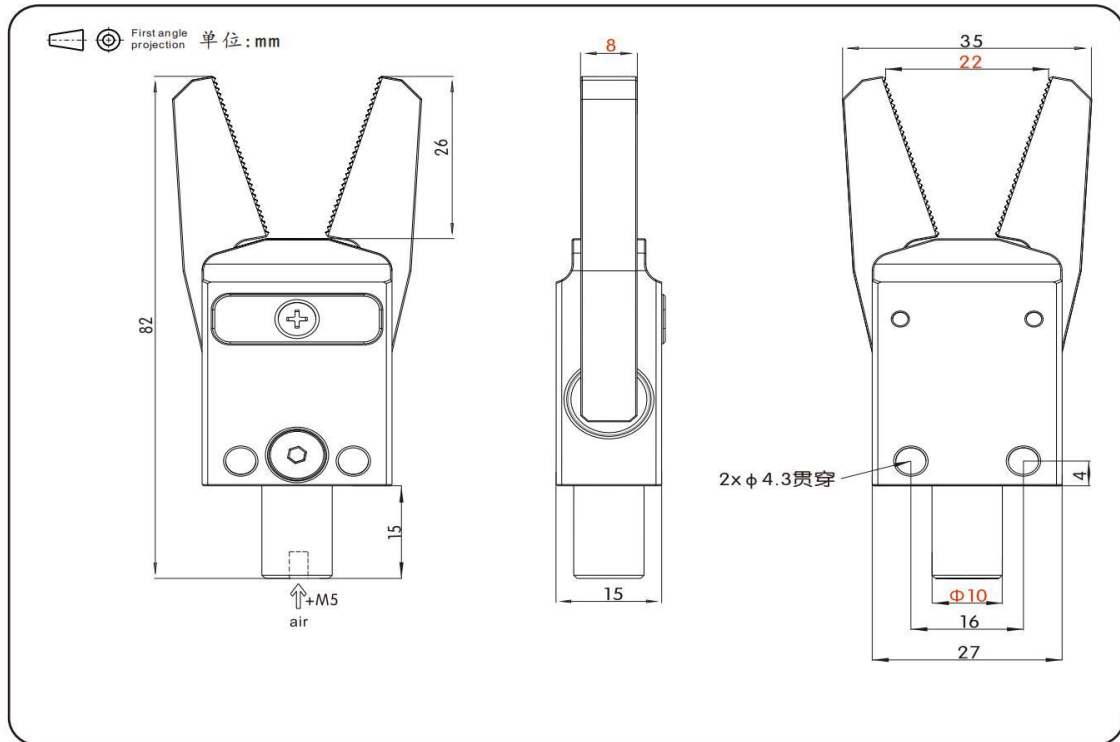
活塞孔: 12mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	53g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10A-12-CN / GS10A-12-CP

Piston bore:12mm.

活塞孔: 12mm

Sensor 钳口传感器

Aluminum jaws.

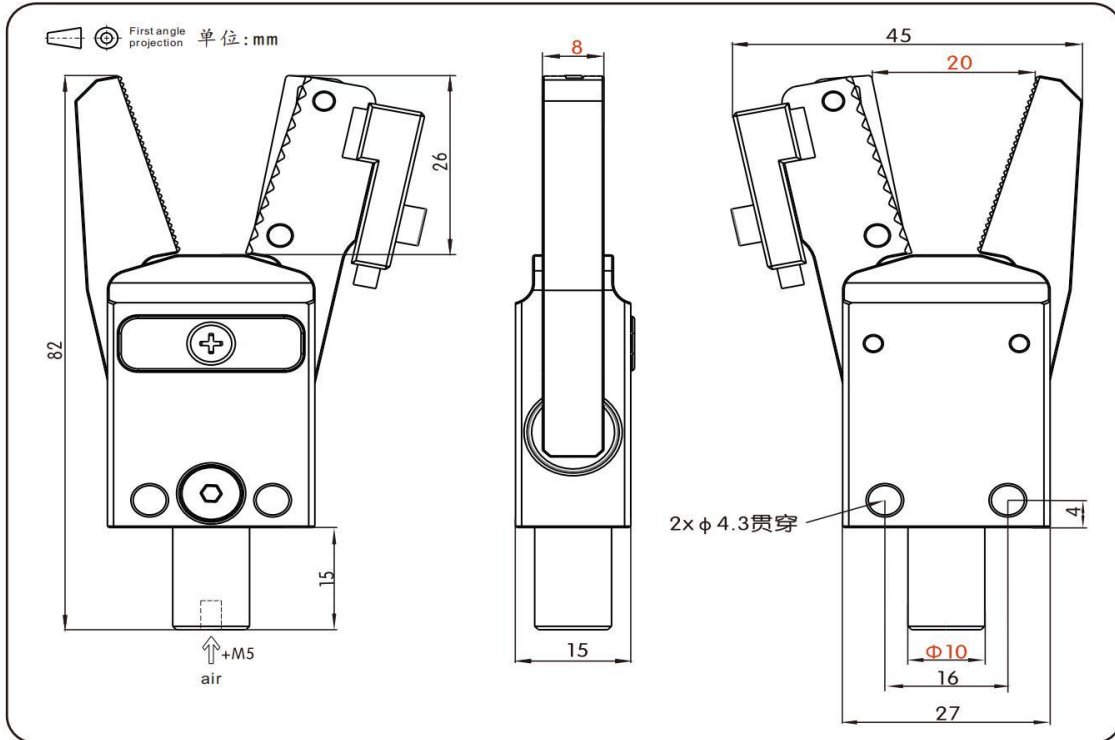
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	60g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10B-12

Piston bore:12mm.

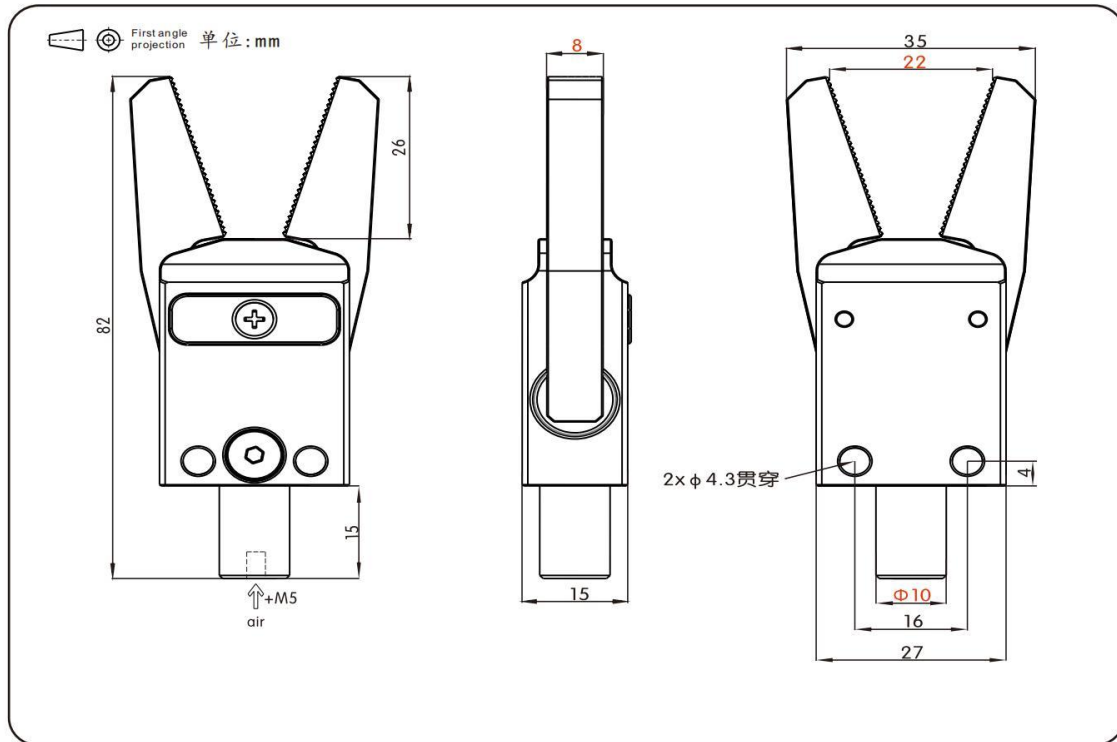
活塞孔: 12mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	50g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10B-12-CN / GS10B-12-CP

Piston bore:12mm.

活塞孔: 12mm

Sensor 钳口传感器

Aluminum jaws.

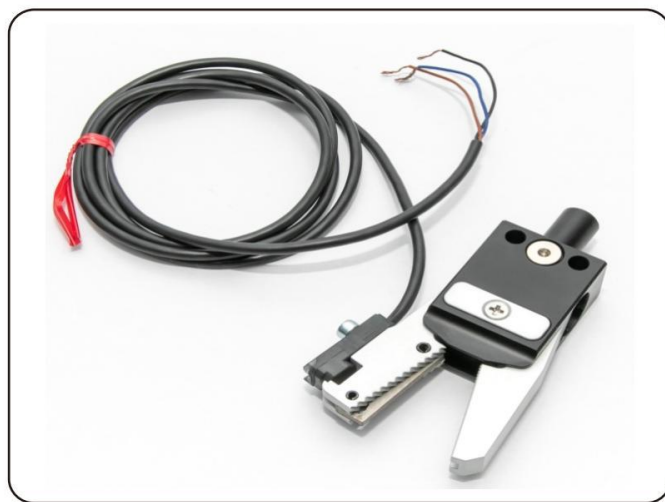
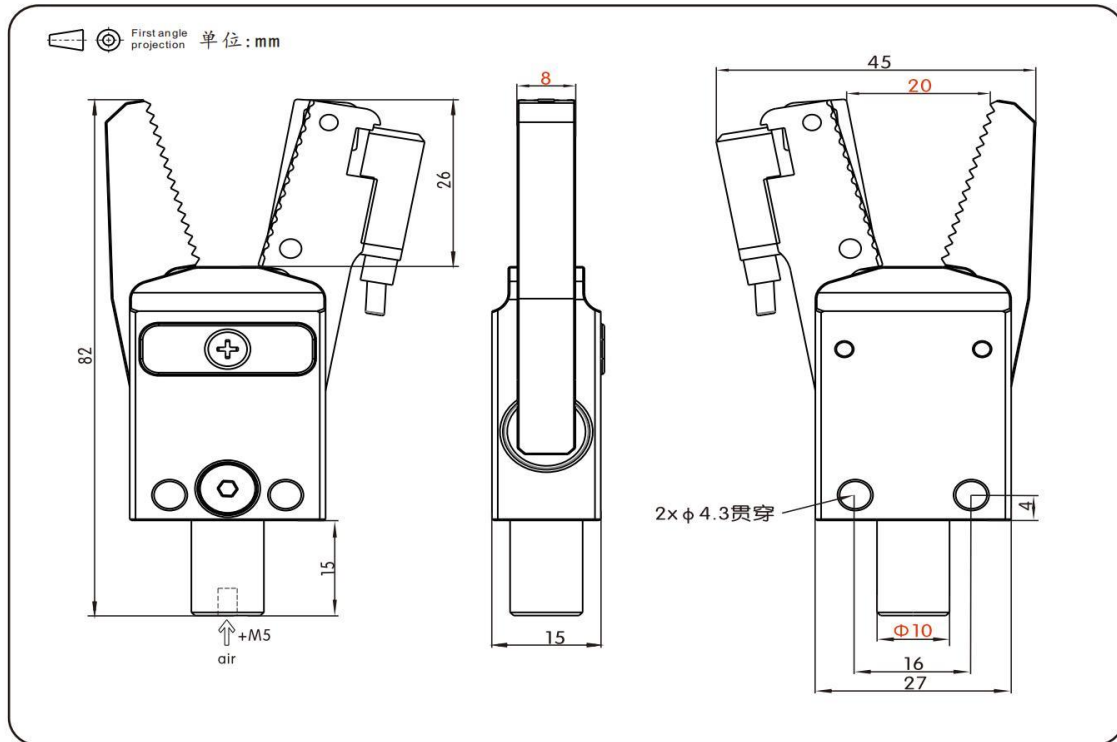
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	58g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10C-12

Piston bore:12mm.

活塞孔: 12mm

Aluminum jaws.

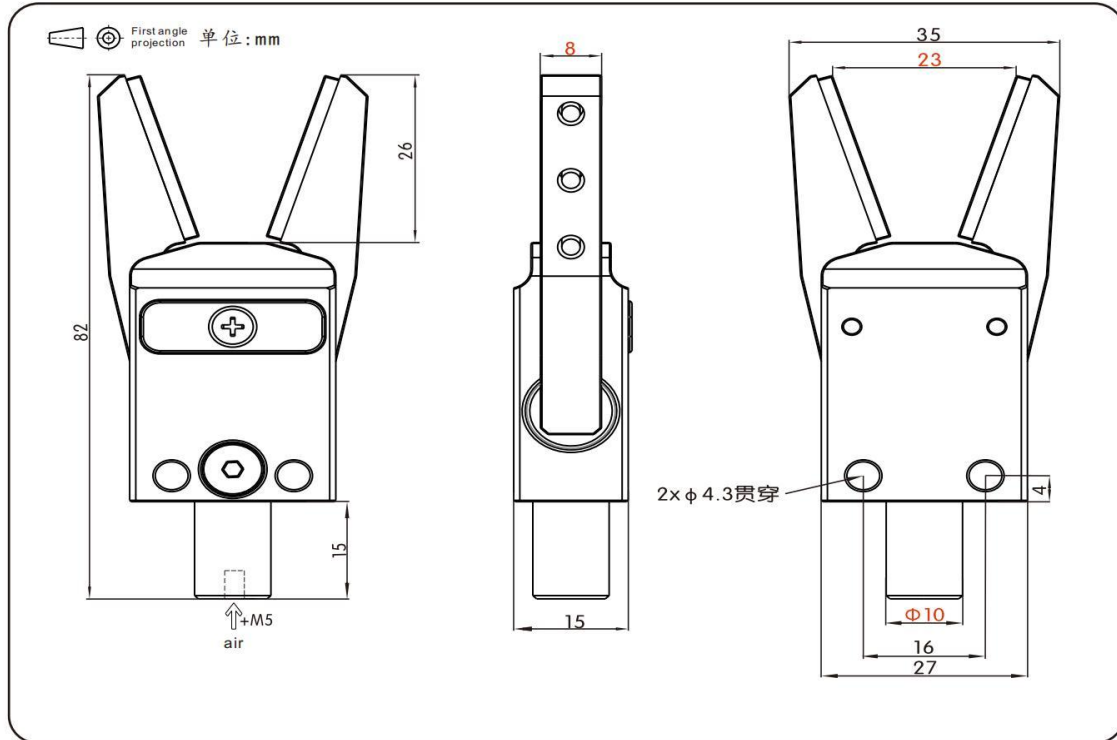
铝制钳口

Single acting.

单一动作

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	47g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10C-12-CN / GS10C-12-CP

Piston bore:12mm.

活塞孔: 12mm

Sensor 钳口传感器

Aluminum jaws.

铝制钳口

Option 1: (CN:NPN输入)

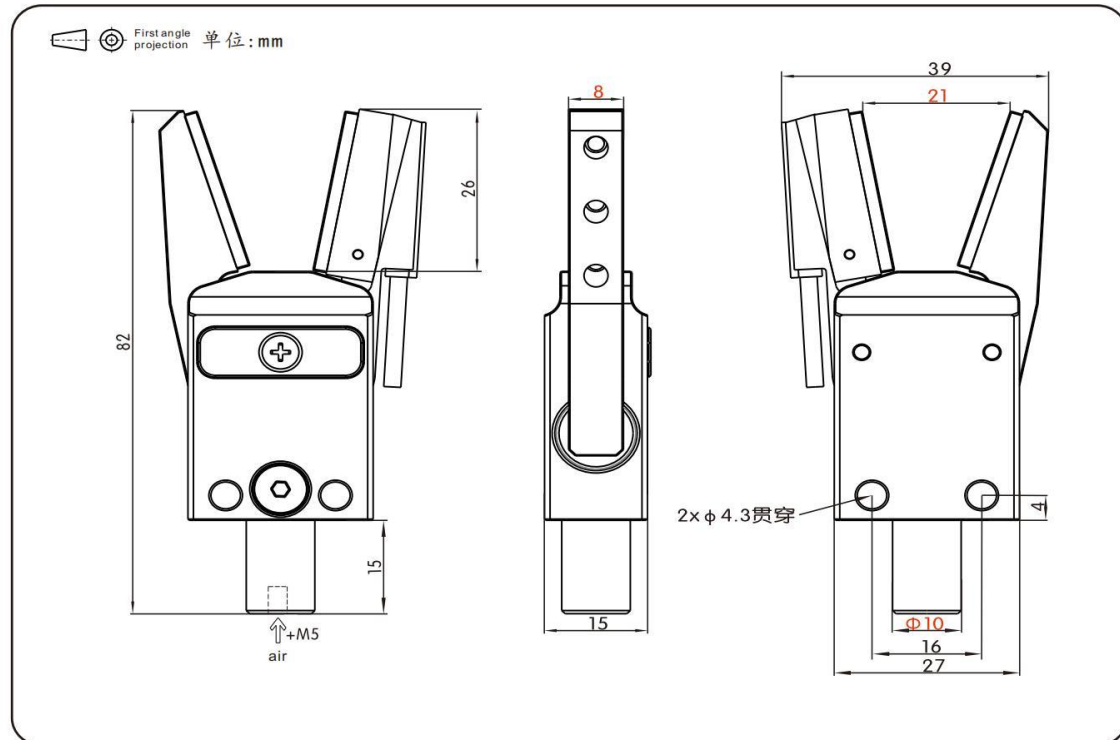
Single acting.

单一动作

Option 2: (CP:PNP输入)

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	55g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10D-12

Piston bore:12mm.

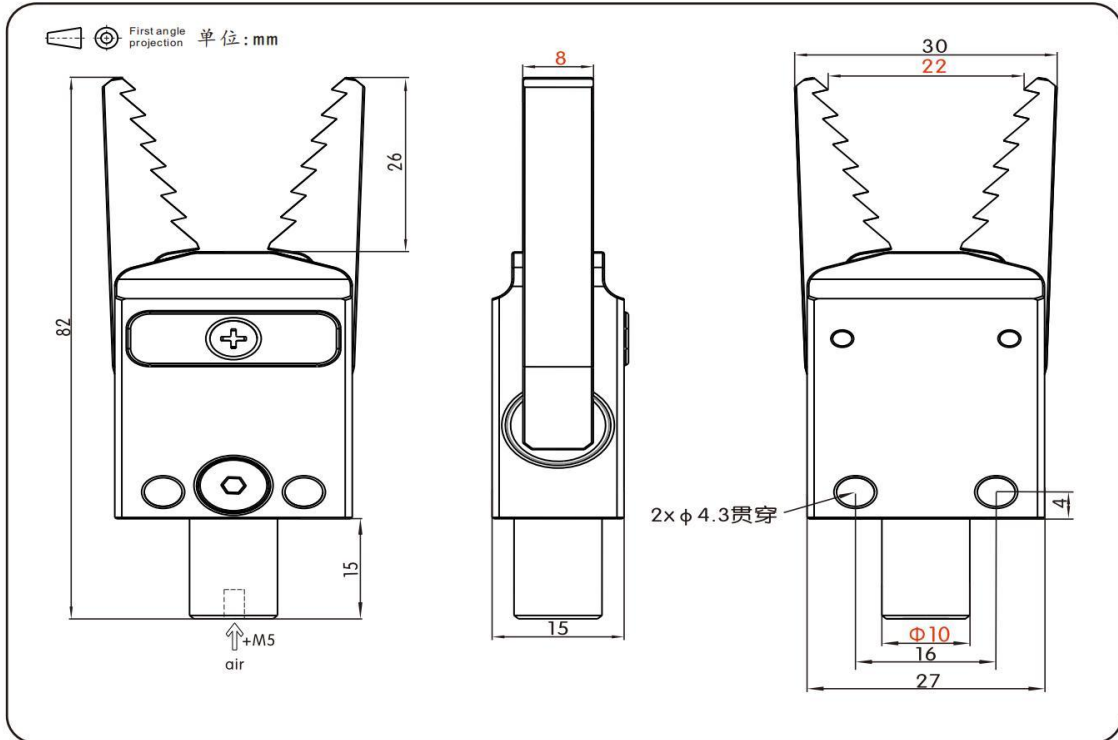
活塞孔: 12mm

Steel jaws.

钢制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	75g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10E-12

Piston bore:12mm.

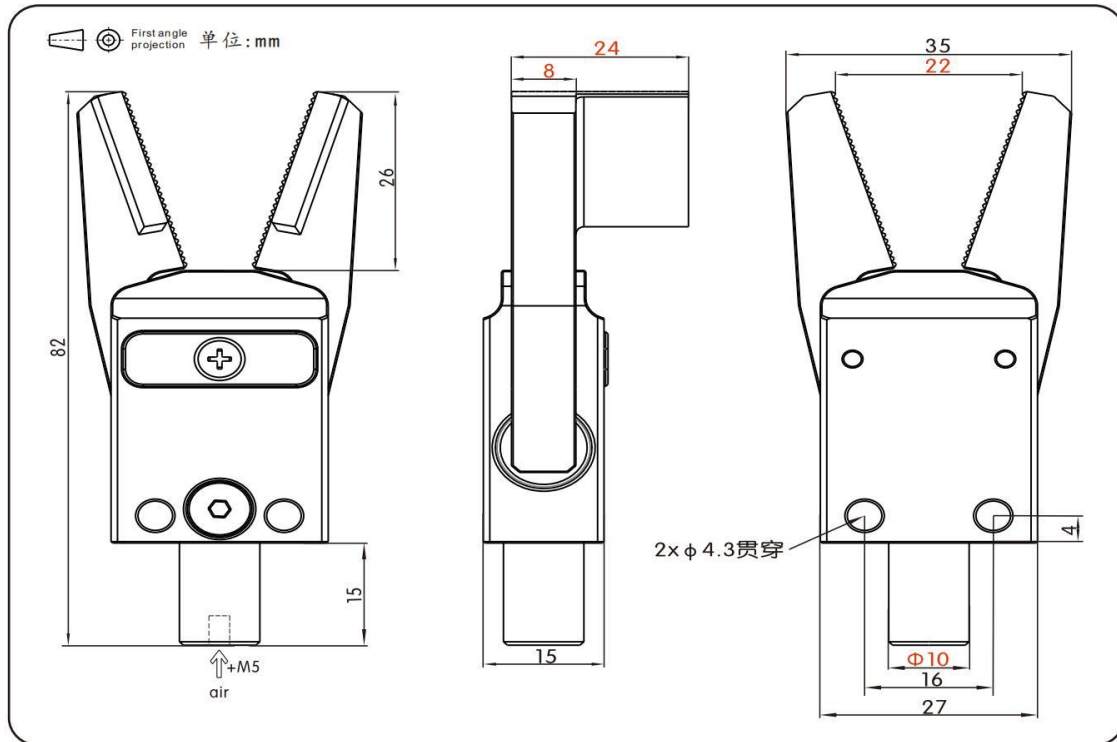
活塞孔: 12mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	55g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS10F-12

Piston bore:12mm.

活塞孔: 12mm

Steel jaws.

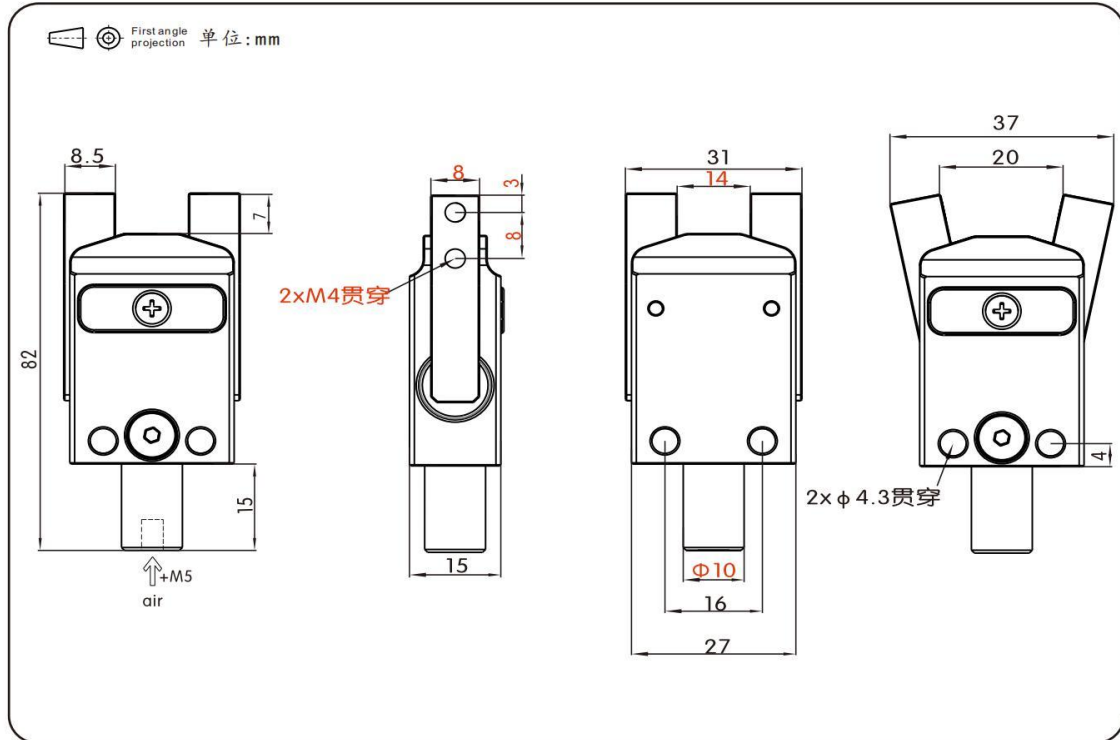
钢制钳口

Single acting.

单一动作

Custom jaws

自定义钳口



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.2cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	45g
进气孔 Air inlet	M5

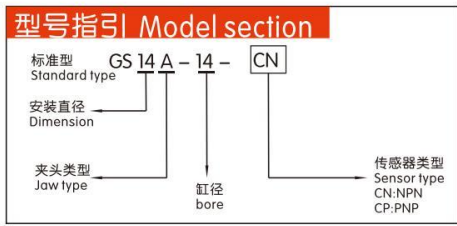
水口夹 Sprue gripper

双钳口非自动校准中心夹具GS14系列

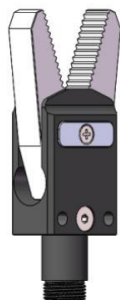
2-jaw non-selfcentering angular

pneumatic sprue gripper

Series:GS14



GS14A-14



GS14B-14



GS14C-14



GS14D-14



GS14E-14



GS14F-14



GS14A-14-CN/CP



GS14B-14-CN/CP



GS14C-14-CN/CP

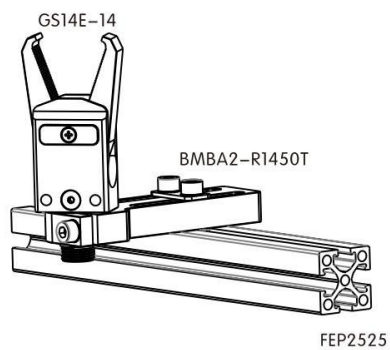
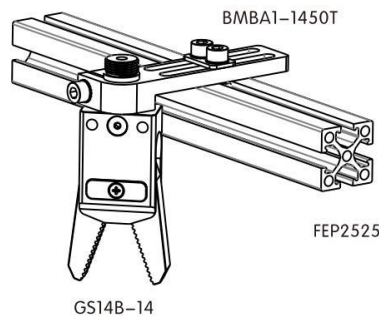


GS14D-14-CN/CP



GS14E-14-CN/CP

运用示范
Application example



水口夹 Sprue gripper

GS14A-14

Piston bore:14mm.

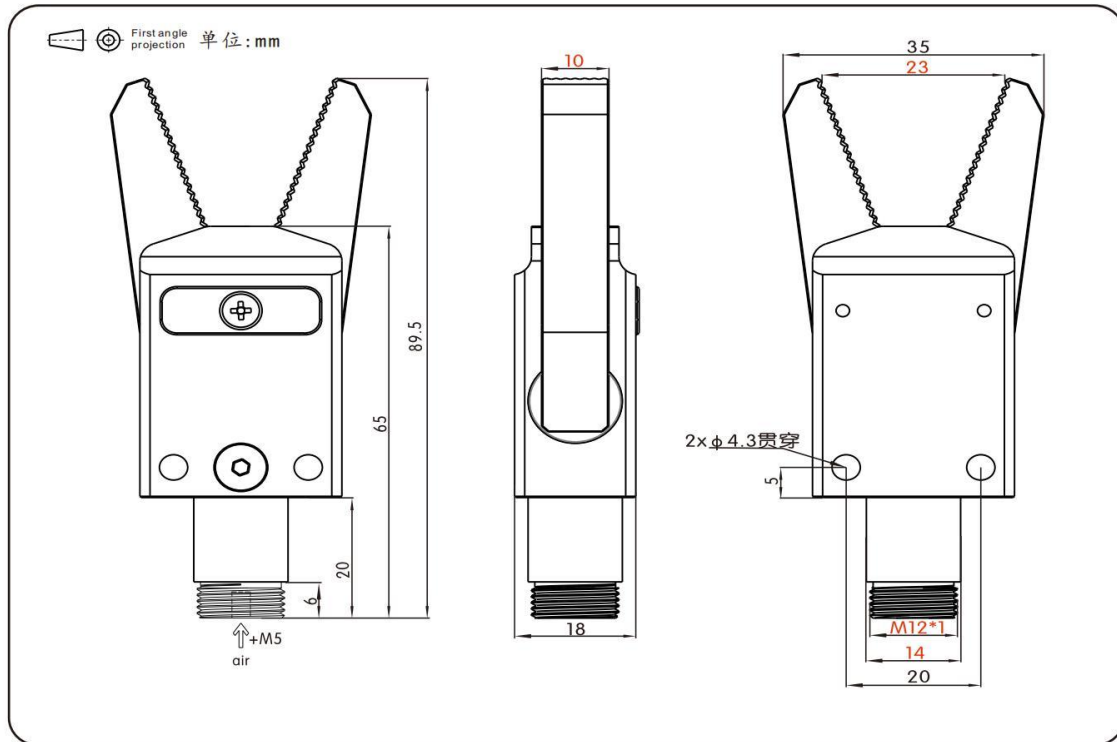
活塞孔: 14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14A-14-CN / GS14A-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

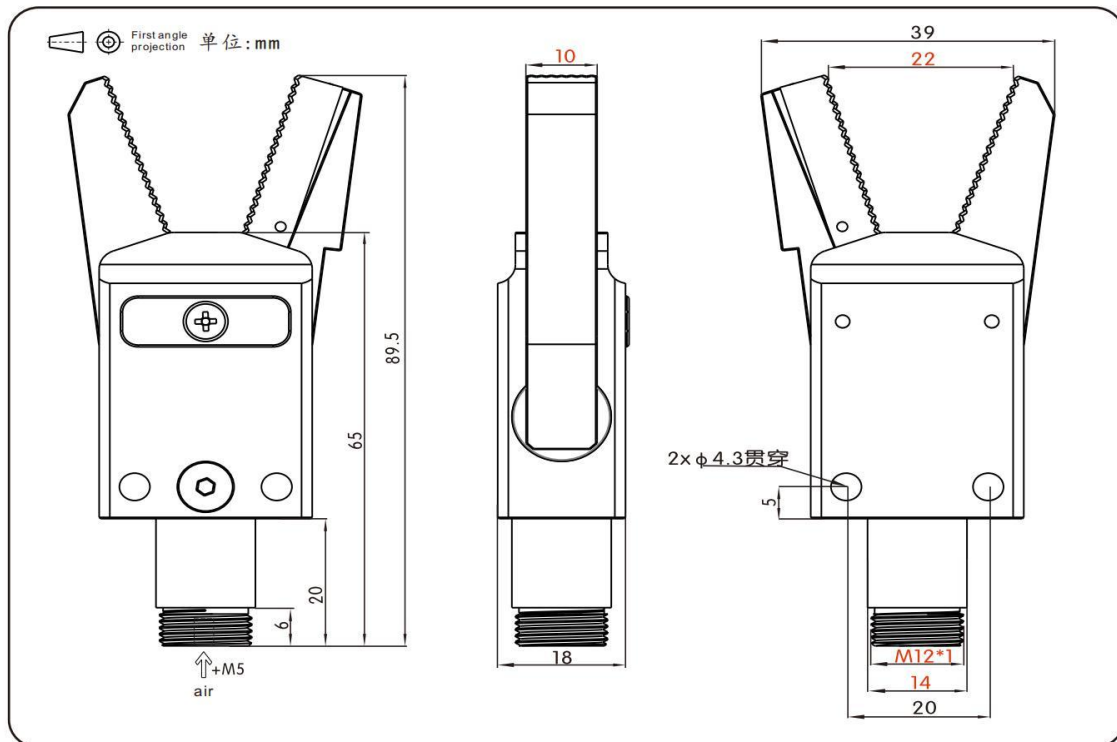
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	80g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14B-14

Piston bore:14mm.

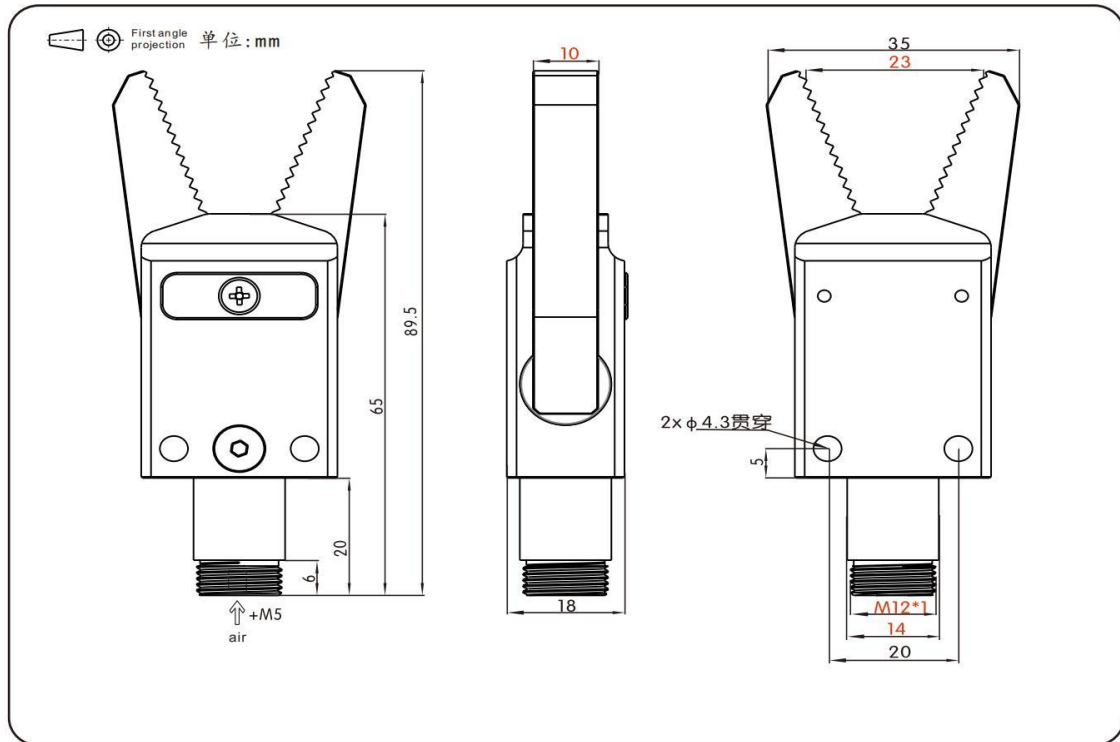
活塞孔: 14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14B-14-CN / GS14B-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

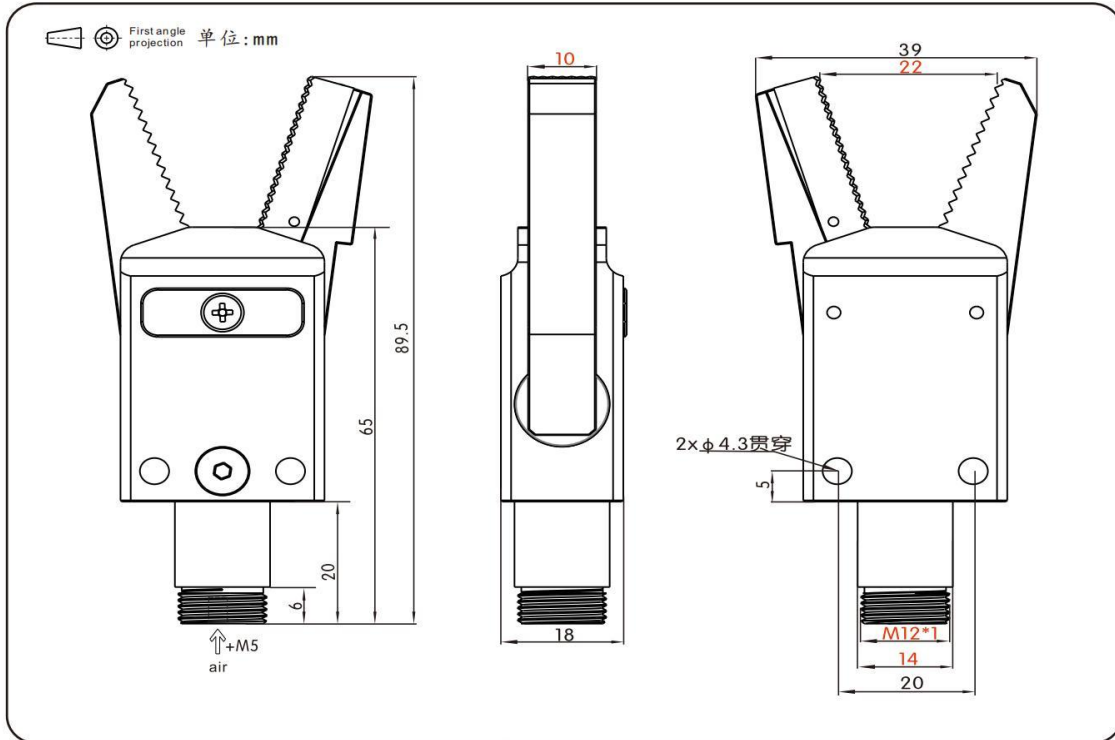
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	80g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14C-14

Piston bore:14mm.

活塞孔: 14mm

Aluminum jaws.

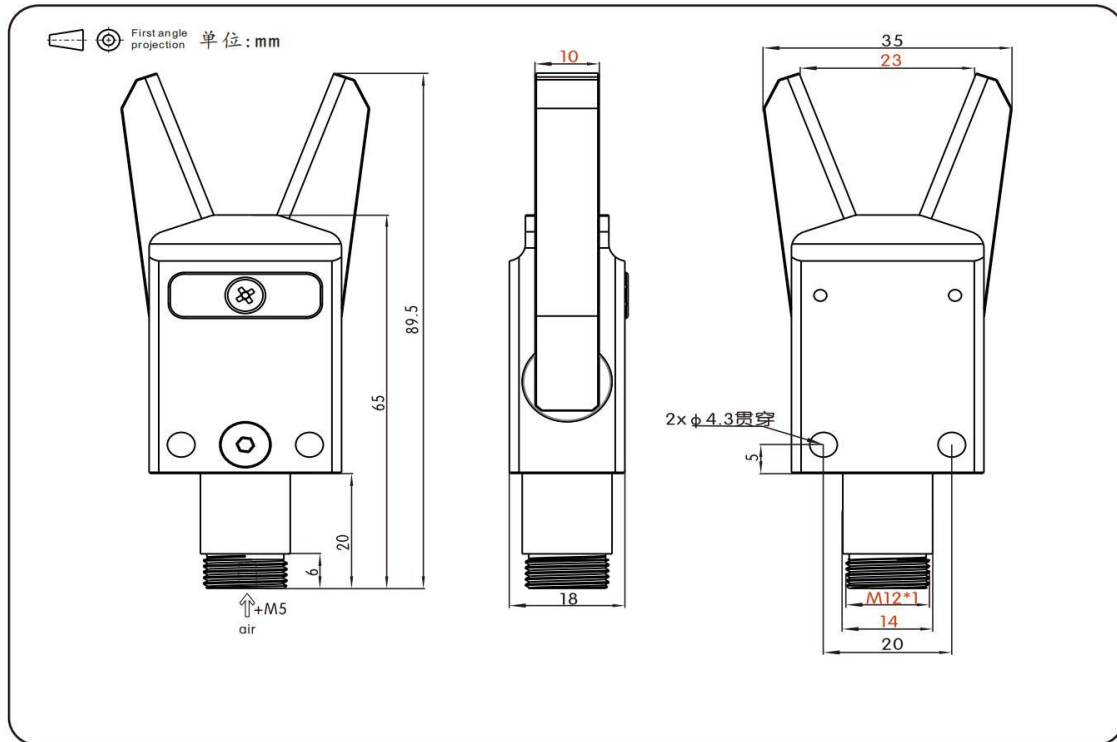
铝制钳口

Single acting.

单一动作

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14C-14-CN / GS14C-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws

铝制钳口

Option 1: (CN:NPN输入)

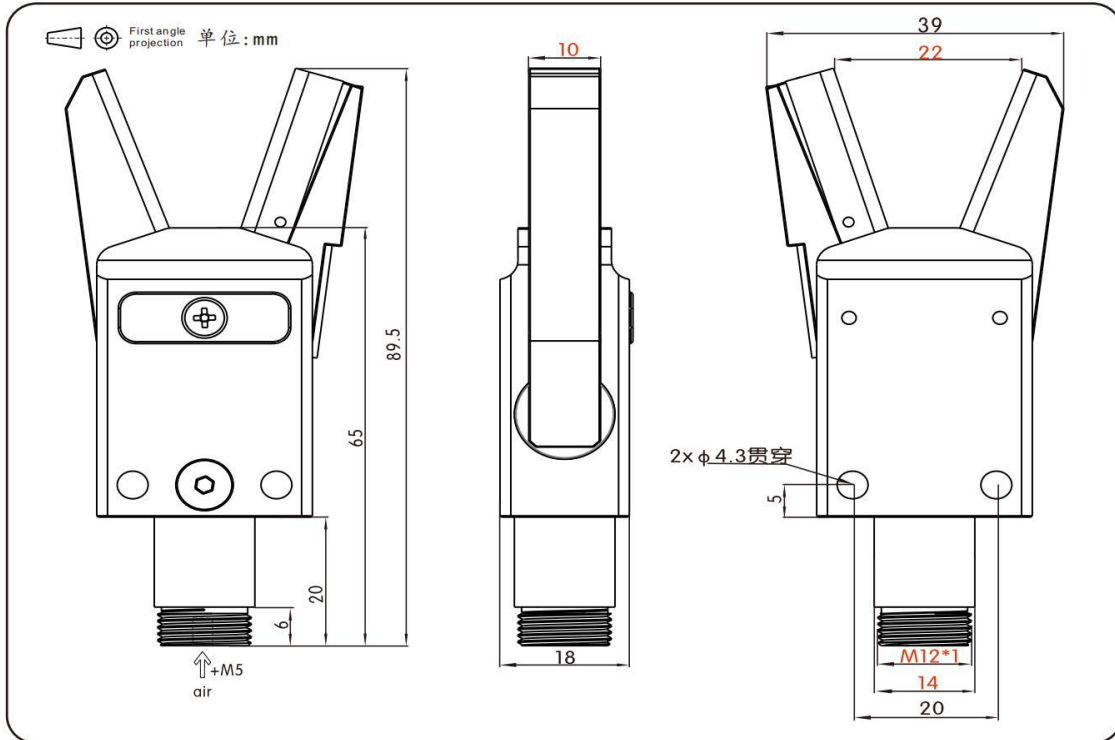
Silicone padS.

单一动作

Option 2: (CP:PNP输入)

Single acting.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	80g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14D-14

Piston bore:14mm.

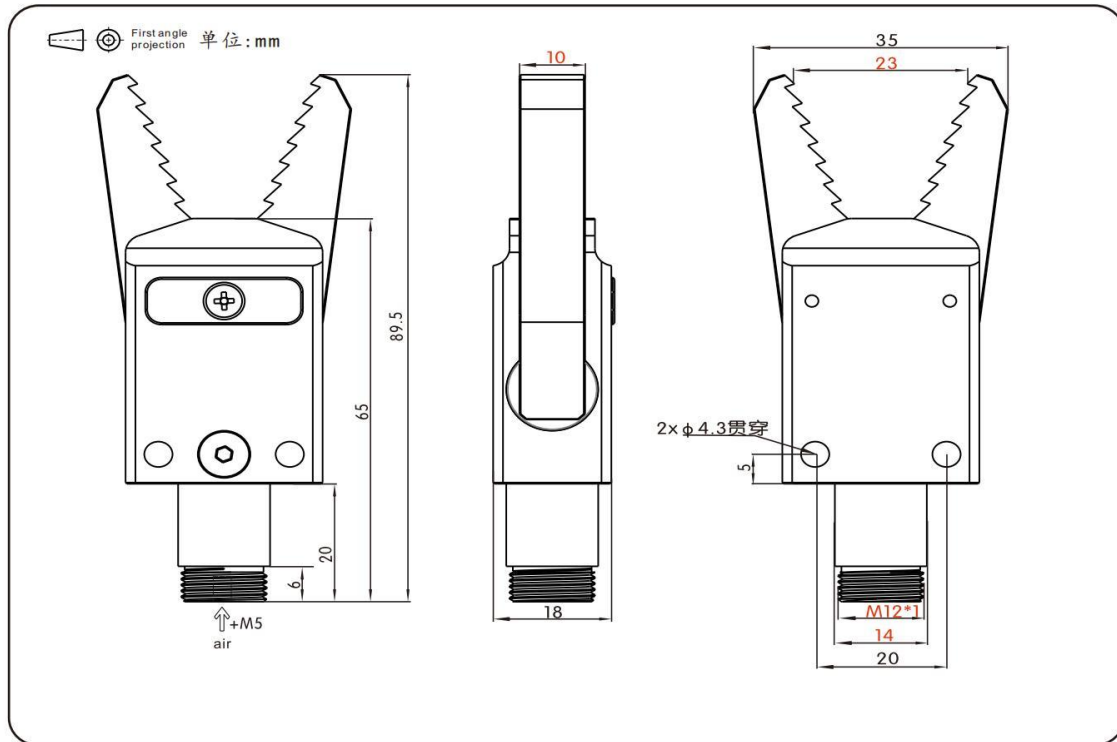
活塞孔：14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14D-14-CN / GS14D-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

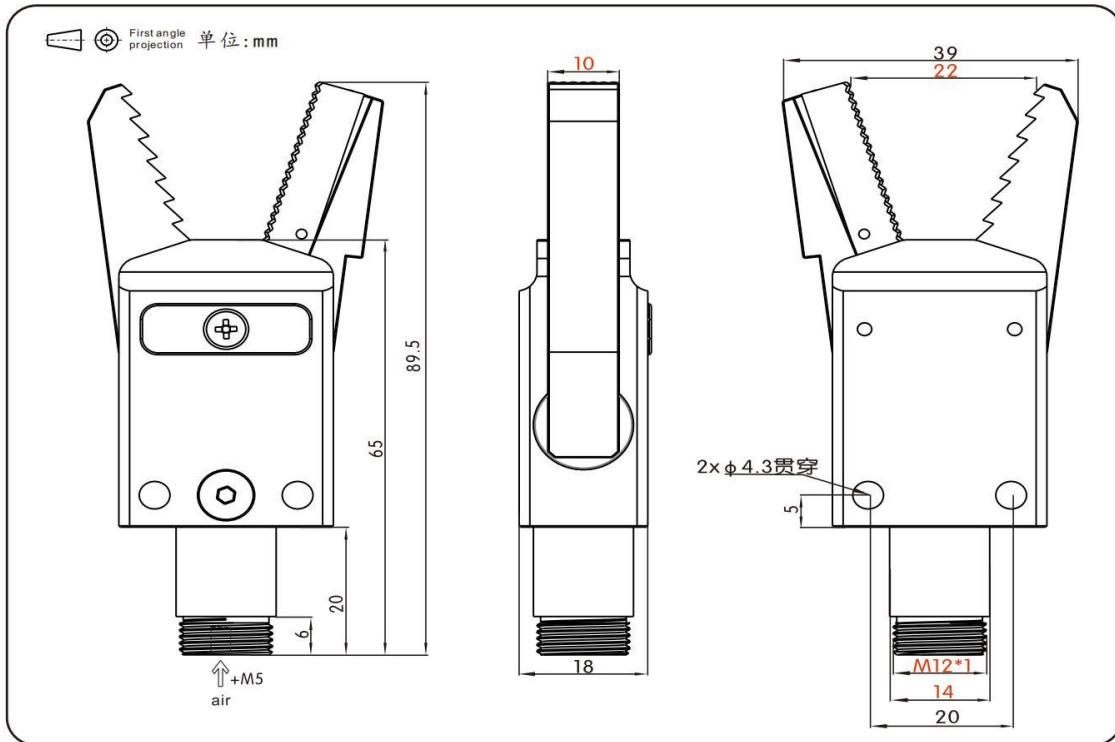
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	80g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14E-14

Piston bore:14mm.

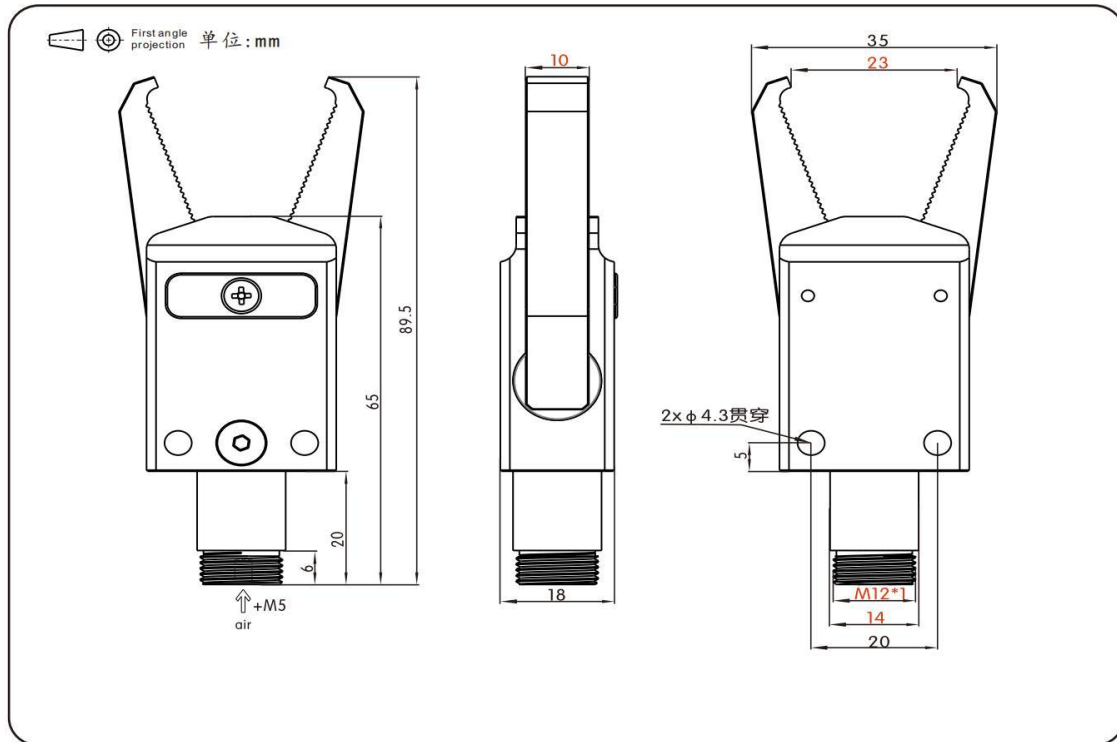
活塞孔：14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14E-14-CN / GS14E-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

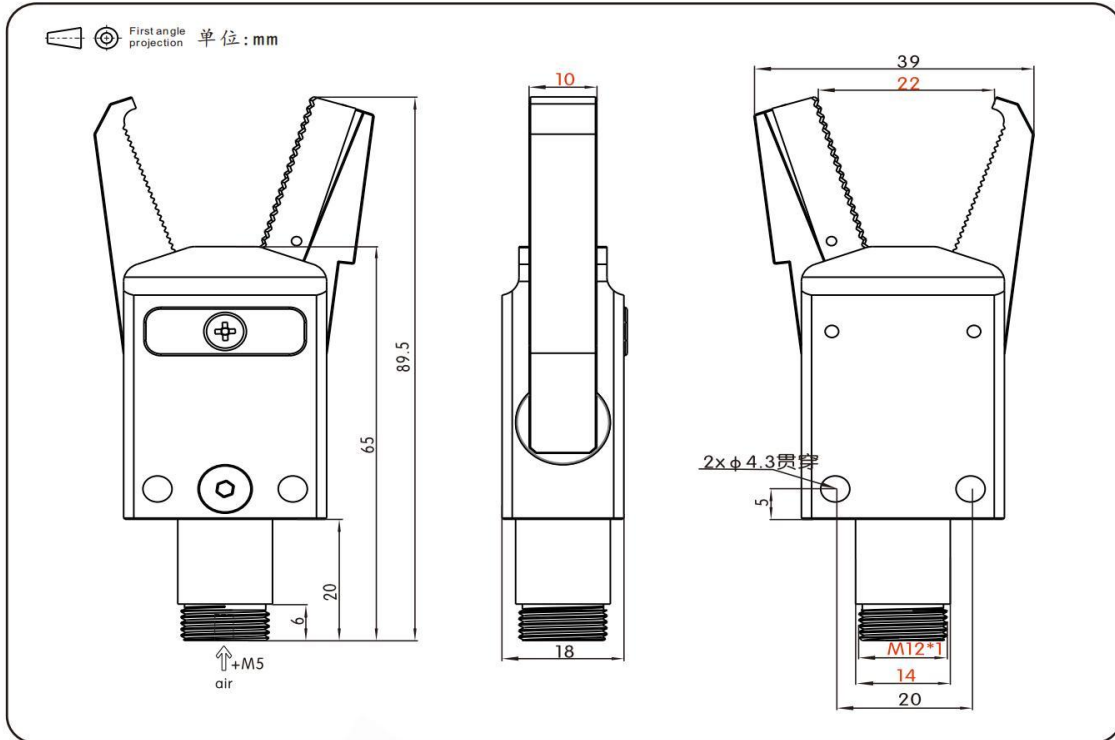
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	80g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS14F-14

Piston bore:14mm.

活塞孔: 14mm

Steel jaws.

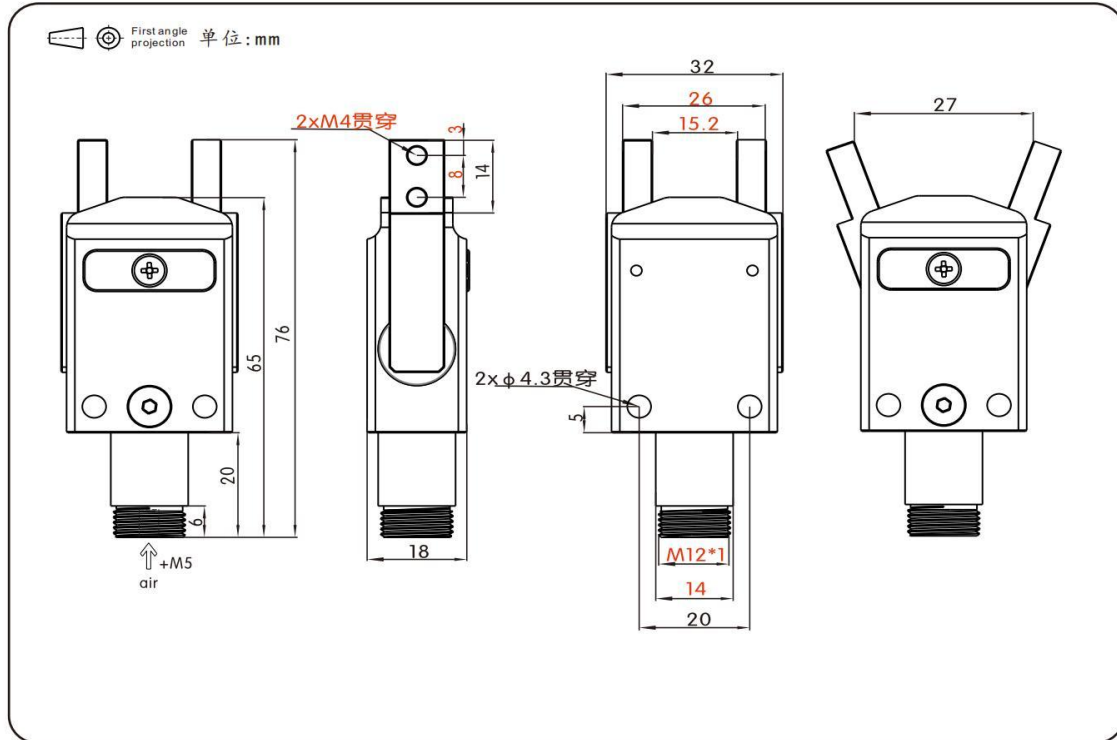
钢制钳口

Single acting.

单一动作

Custom jaws

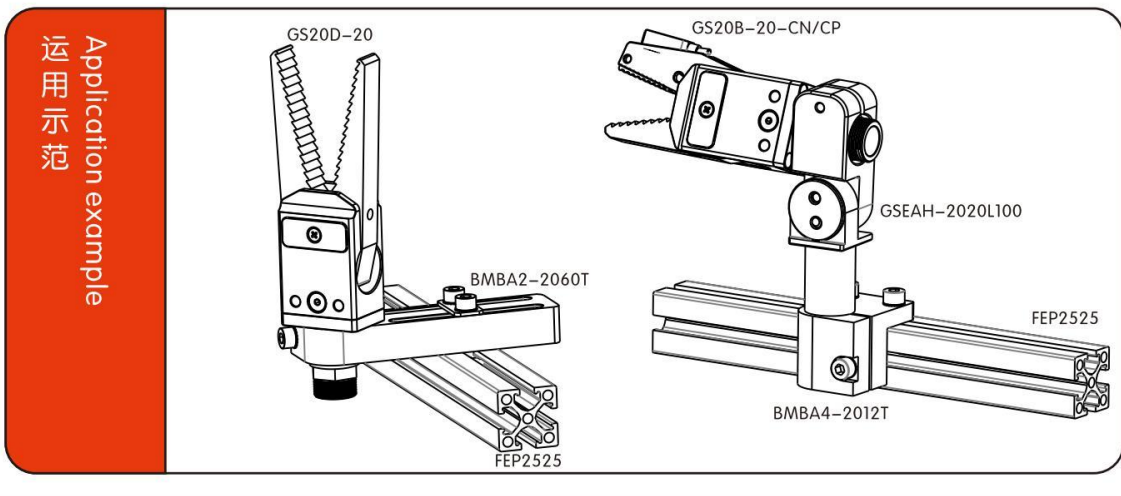
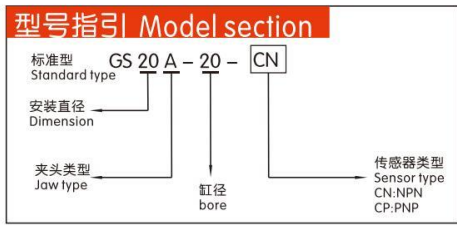
自定义钳口



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x16°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	130N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	7N/cm
重量 Weight	68g
进气孔 Air inlet	M5

水口夹 Sprue gripper

双钳口非自动校准中心夹具GS20系列
 2-jaw non-selfcentering angular
 pneumatic sprue gripper
 Series:GS20



水口夹 Sprue gripper

GS20A-20

Piston bore: 20mm.

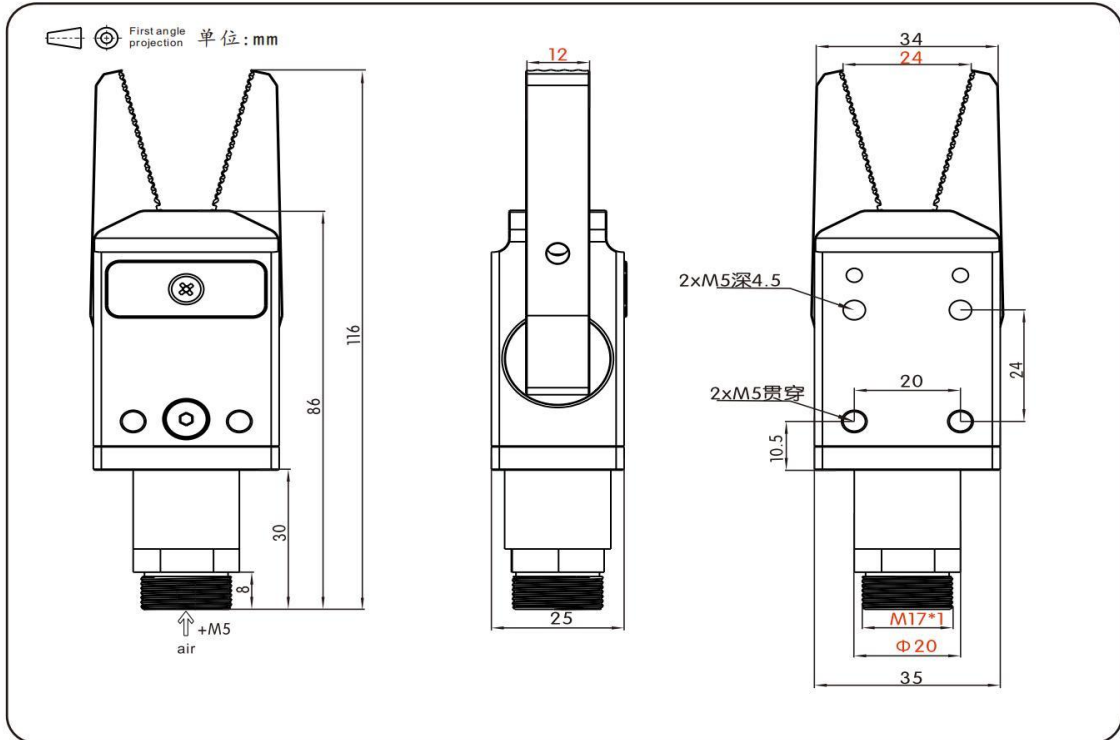
活塞孔: 20mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	112g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20A-20-CN / GS20A-20-CP

Piston bore: 20mm.

活塞孔: 20mm

Sensor 钳口传感器

Aluminum jaws.

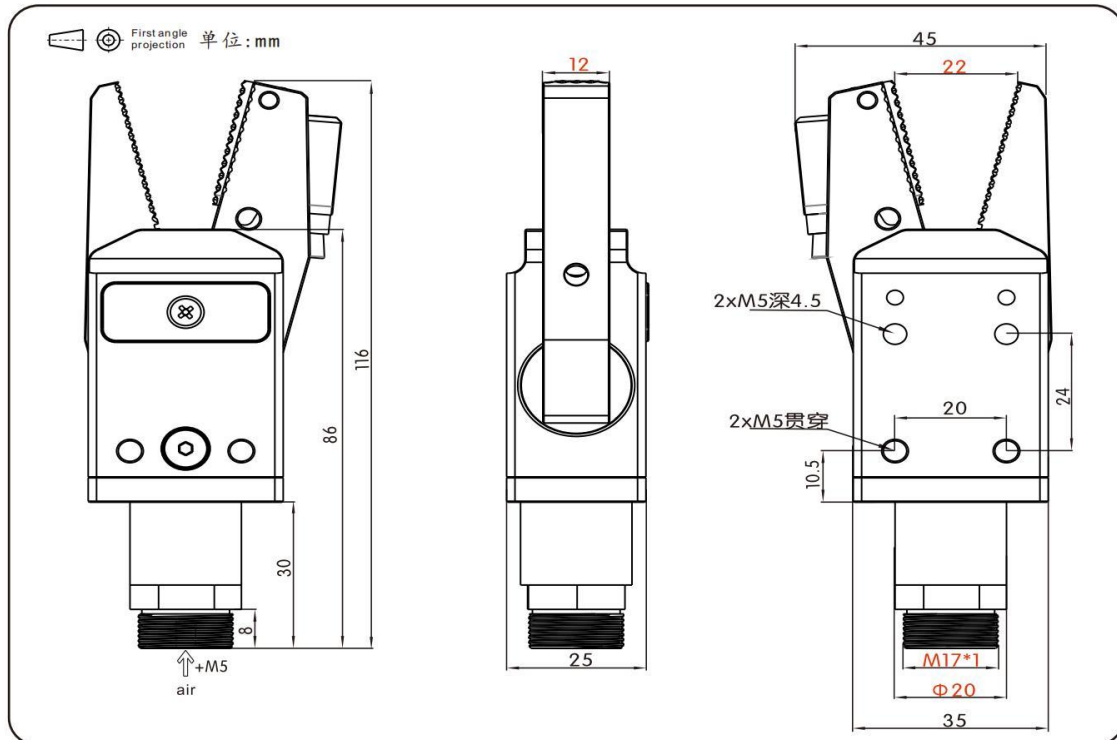
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	137g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20B-20

Piston bore: 20mm.

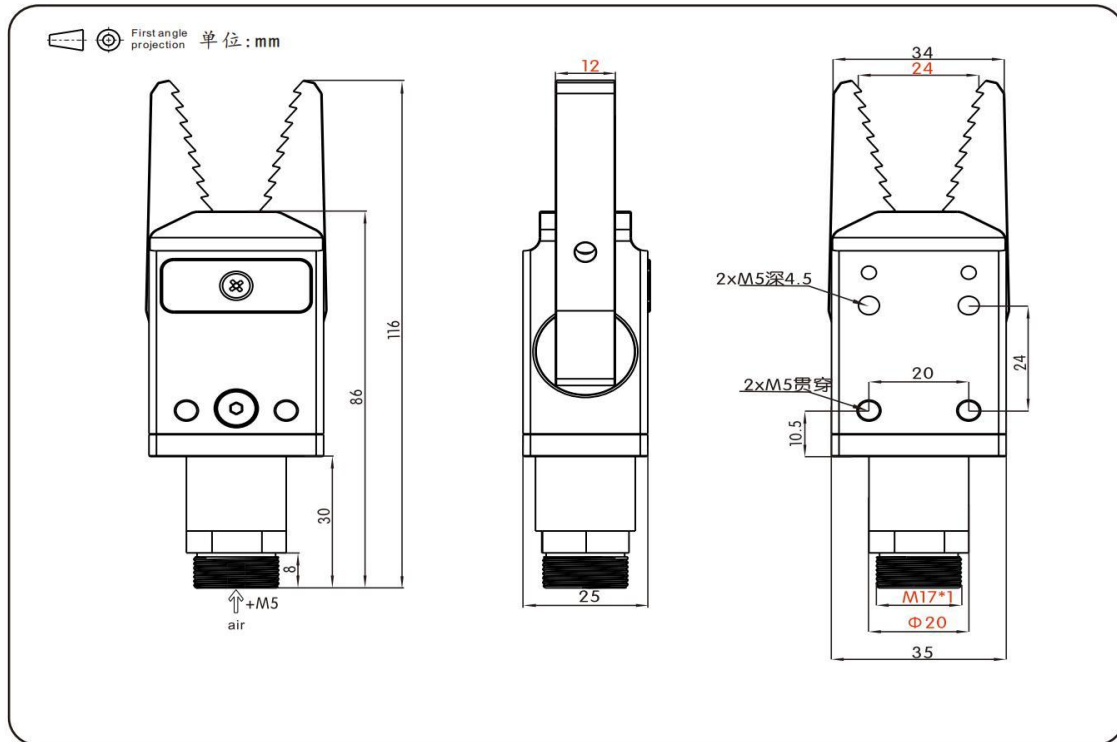
活塞孔: 20mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	112g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20B-20-CN / GS20B-20-CP

Piston bore: 20mm.

活塞孔: 20mm

Sensor 钳口传感器

Aluminum jaws.

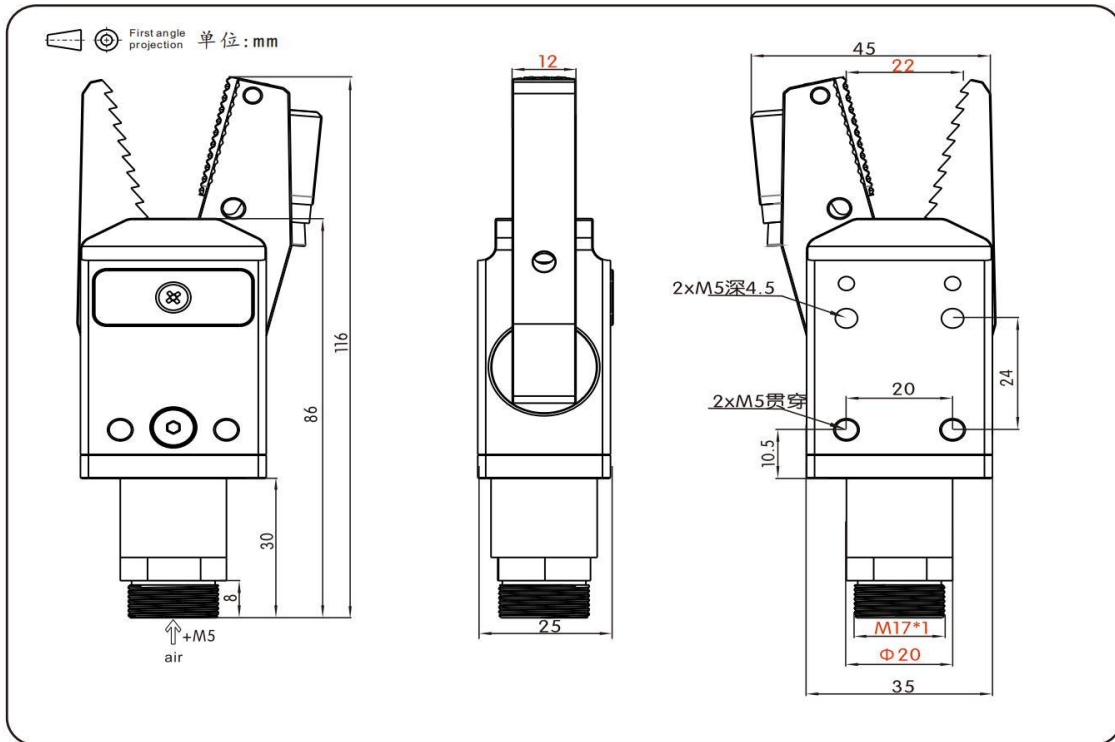
铝制钳口

Option 1: (CN: NPN输入)

Single acting.

单一动作

Option 2: (CP: PNP输入)

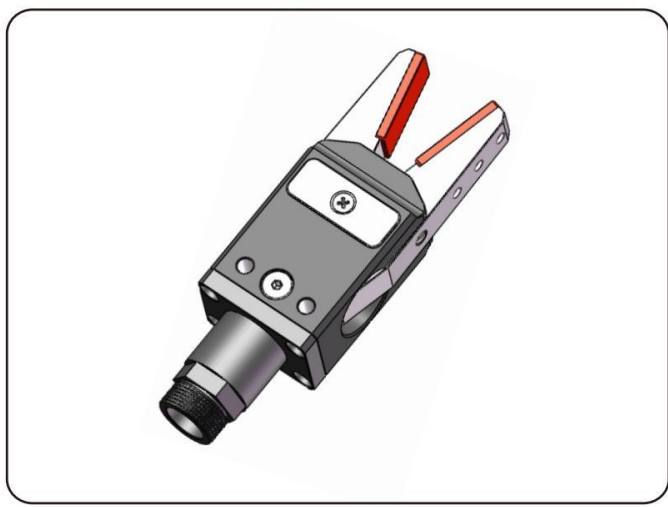
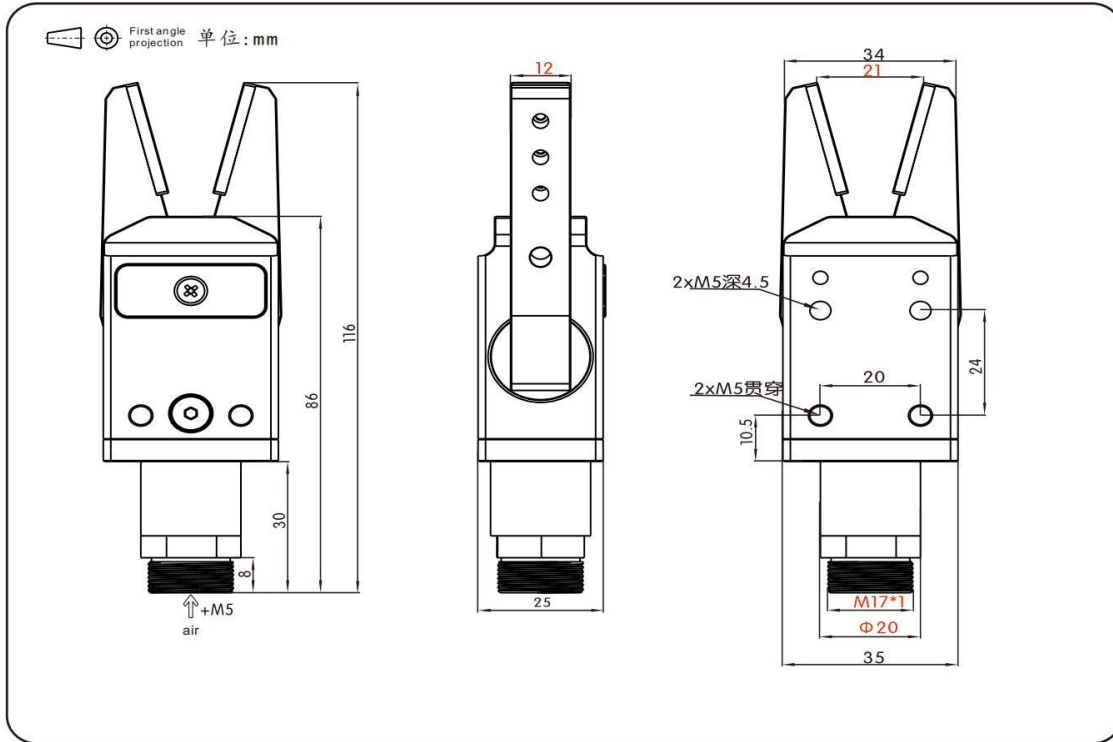


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	137g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20C-20

Piston bore: 20mm. 活塞孔: 20mm
 Aluminum jaws. 铝制钳口
 Single acting. 单一动作
 Silicone padS. 硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	112g
进气孔 Air inlet	M5

水口夹 Sprue gripper

Piston bore: 20mm.

活塞孔: 20mm

Sensor 钳口传感器

Aluminum jaws.

铝制钳口

Option 1: (CN:NPN输入)

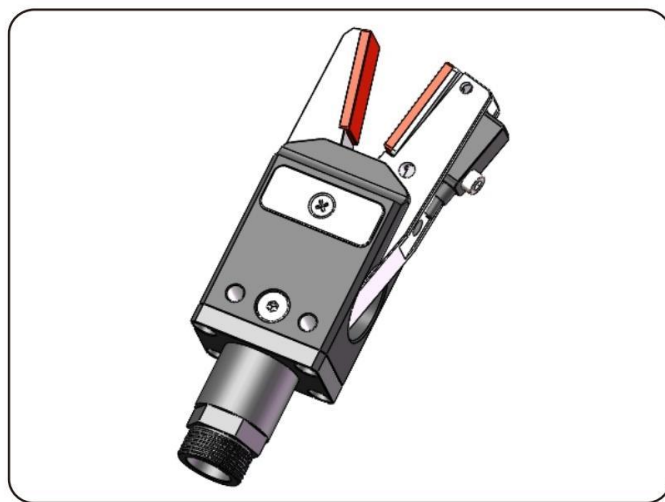
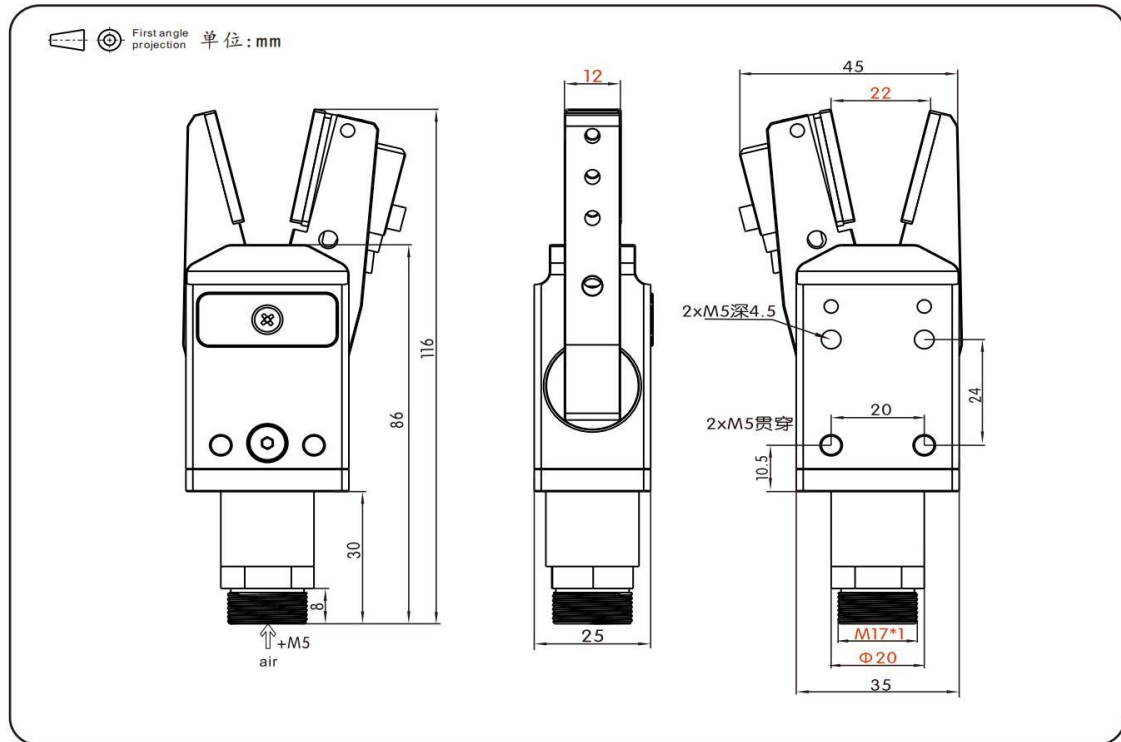
Single acting.

单一动作

Option 2: (CP:PNP输入)

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	137g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20D-20

Piston bore: 20mm.

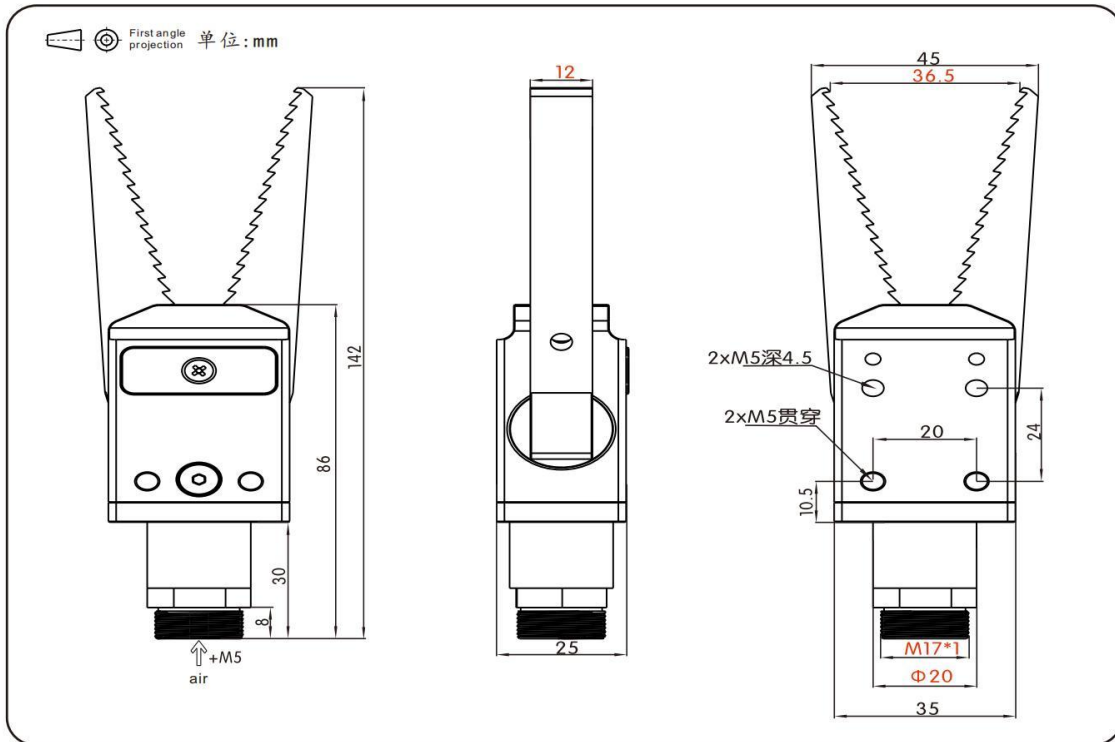
活塞孔: 20mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	140g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20D-20-CN / GS20D-20-CP

Piston bore: 20mm.

活塞孔: 20mm

Sensor 钳口传感器

Aluminum jaws.

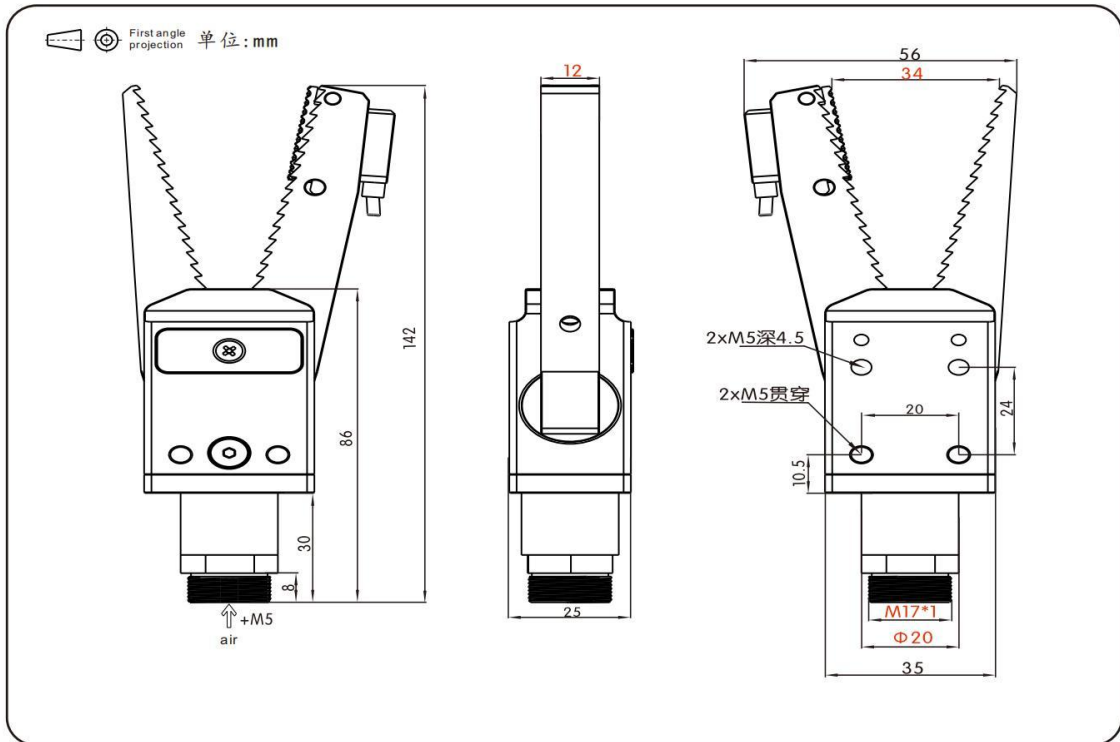
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)

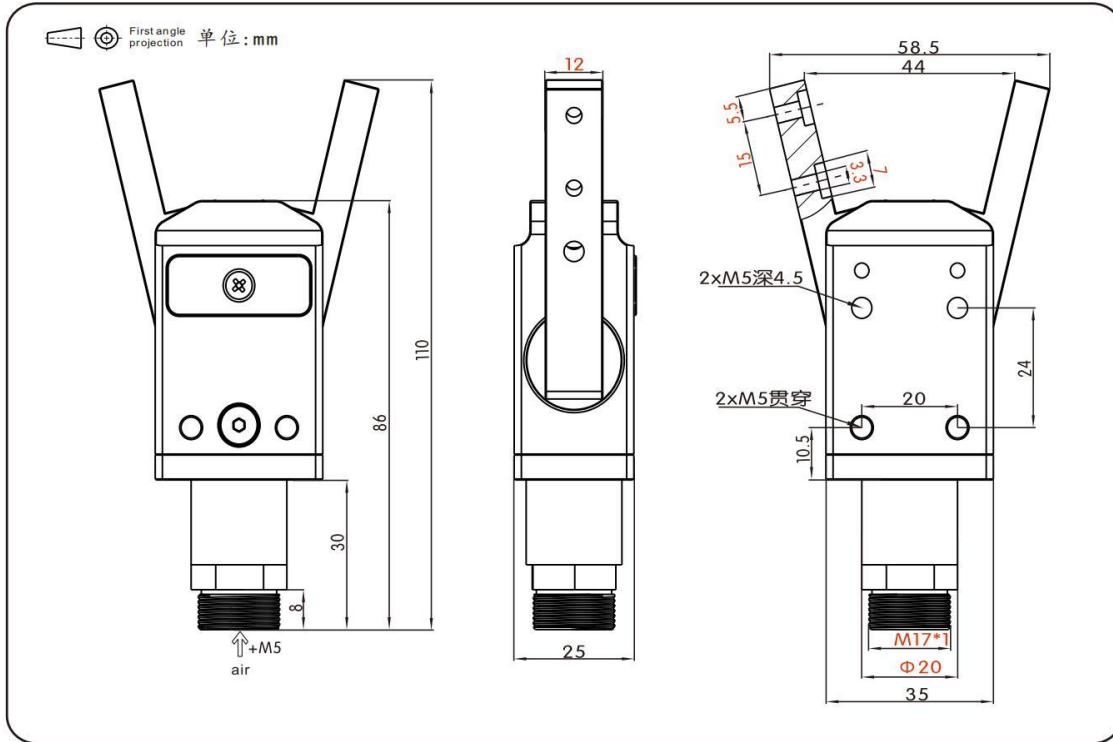


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	160g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20E-20

Piston bore: 20mm. 活塞孔: 20mm
 Aluminum jaws. 铝制钳口
 Single acting. 单一动作
 Custom jaws 自定义钳口



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	125g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20F-20

Piston bore: 20mm.

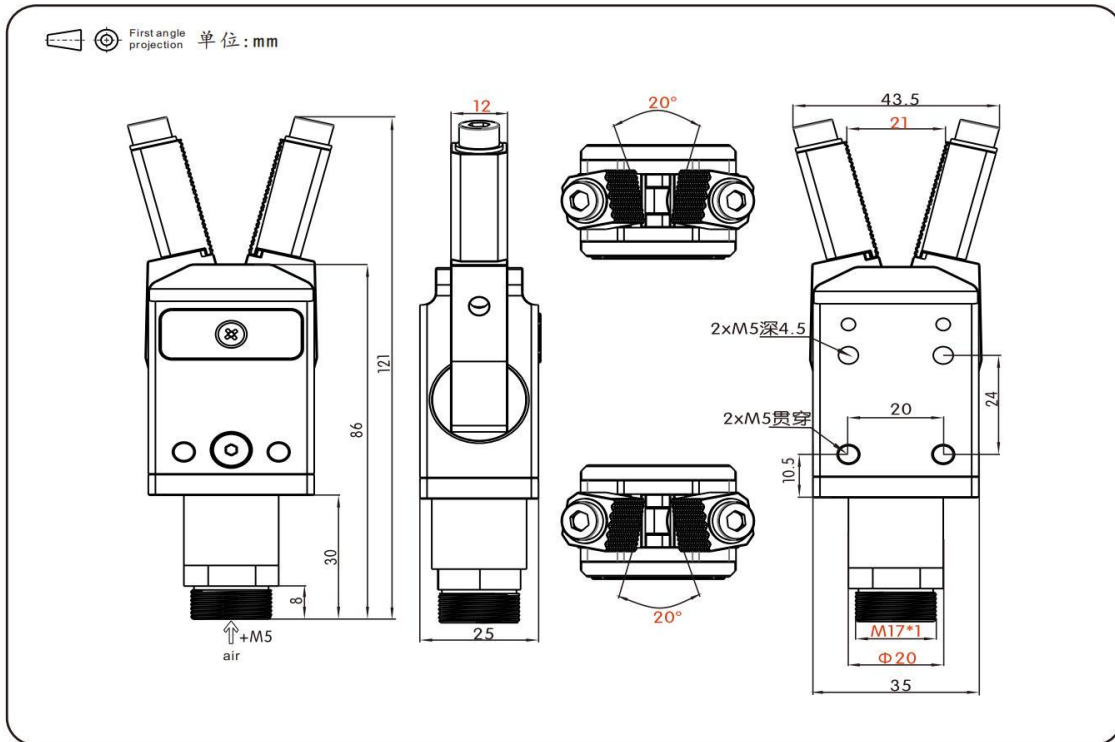
活塞孔: 20mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	130g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20G-20-CP/GS20G-20-CN

Piston bore:20mm.

活塞孔: 20mm

Sensor 钳口传感器

Aluminum jaws.

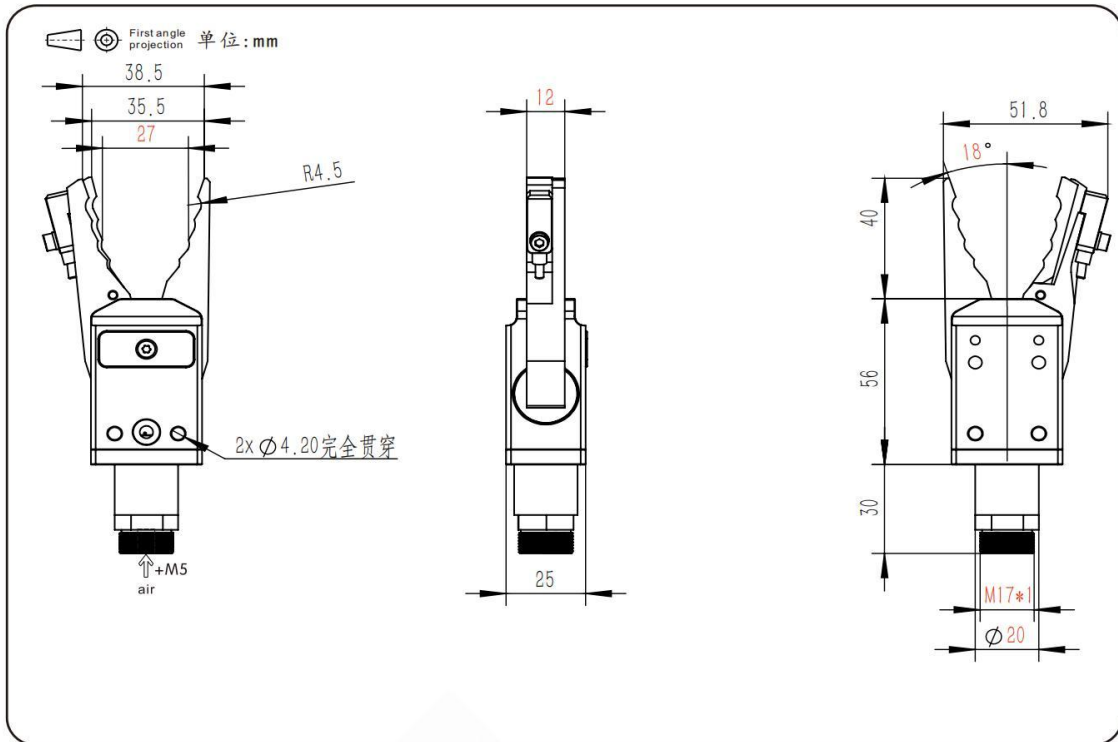
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	141g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GS20H-20

Piston bore:20mm.

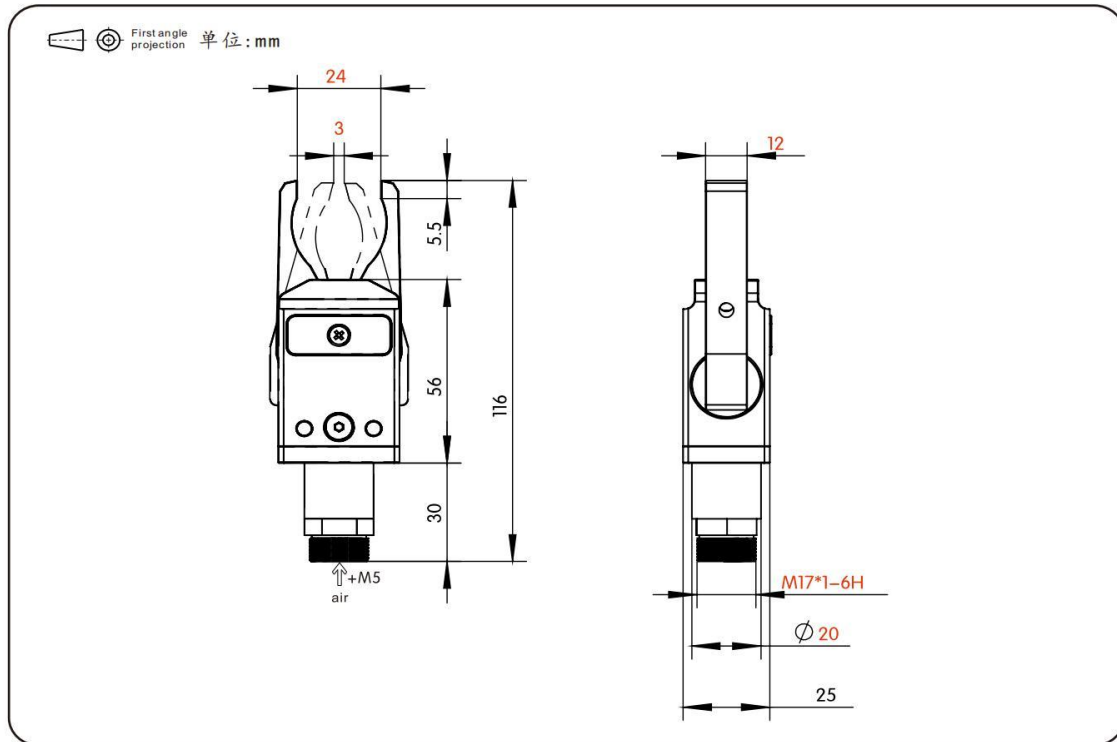
活塞孔: 20mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	2.7cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	210N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	10N/cm
重量 Weight	123g
进气孔 Air inlet	M5

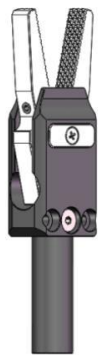
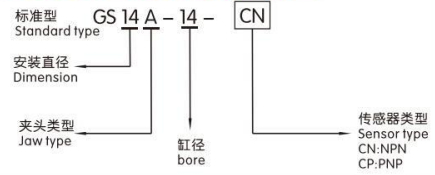
水口夹 Sprue gripper

双钳口非自动校准中心夹具GST14系列

2-jaw non-selfcentering angular
pneumatic sprue gripper

Series:GST14

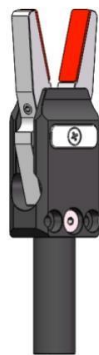
型号指引 Model section



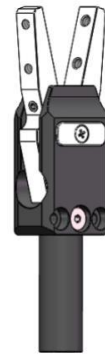
GST14A-14



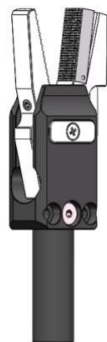
GST14B-14



GST14C-14



GST14D-14



GST14A-14-CN/CP

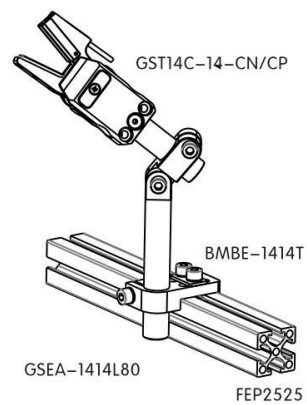
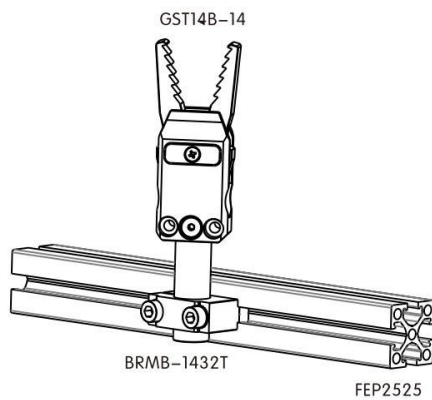


GST14B-14-CN/CP



GST14C-14-CN/CP

运用示范
Application example



水口夹 Sprue gripper

GST14A-14

Piston bore:14mm.

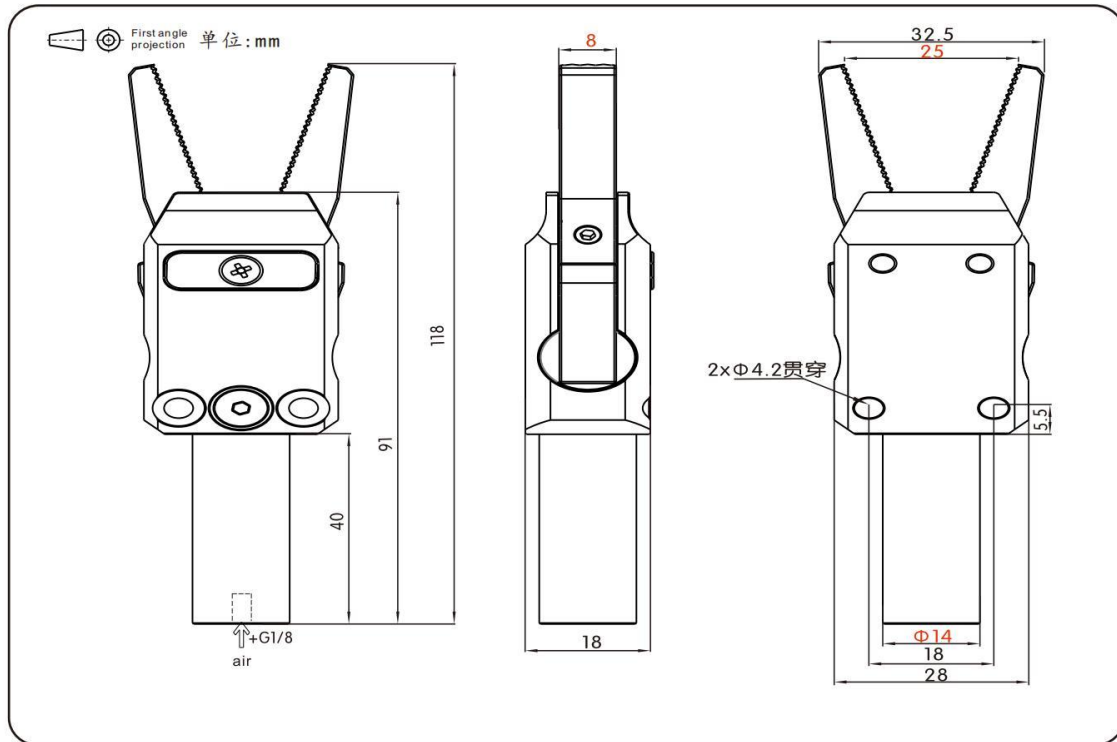
活塞孔: 14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	80g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14A-14-CN / GST14A-14-CP

Piston bore: 14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

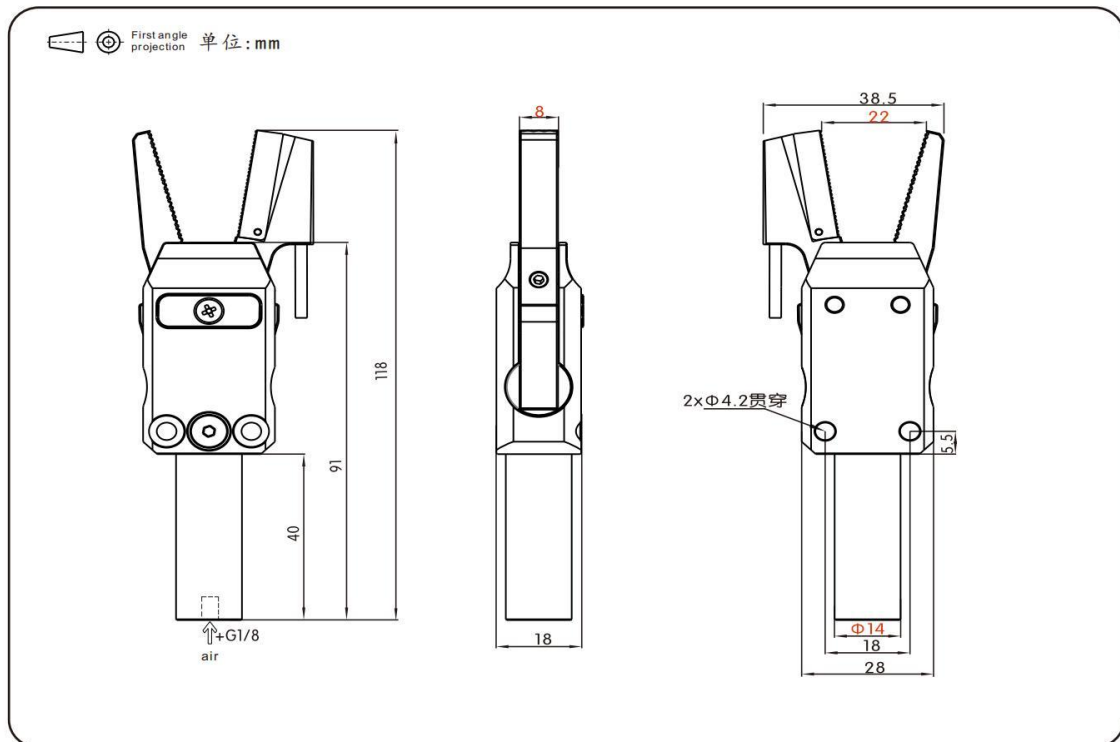
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	100g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14B-14

Piston bore: 14mm.

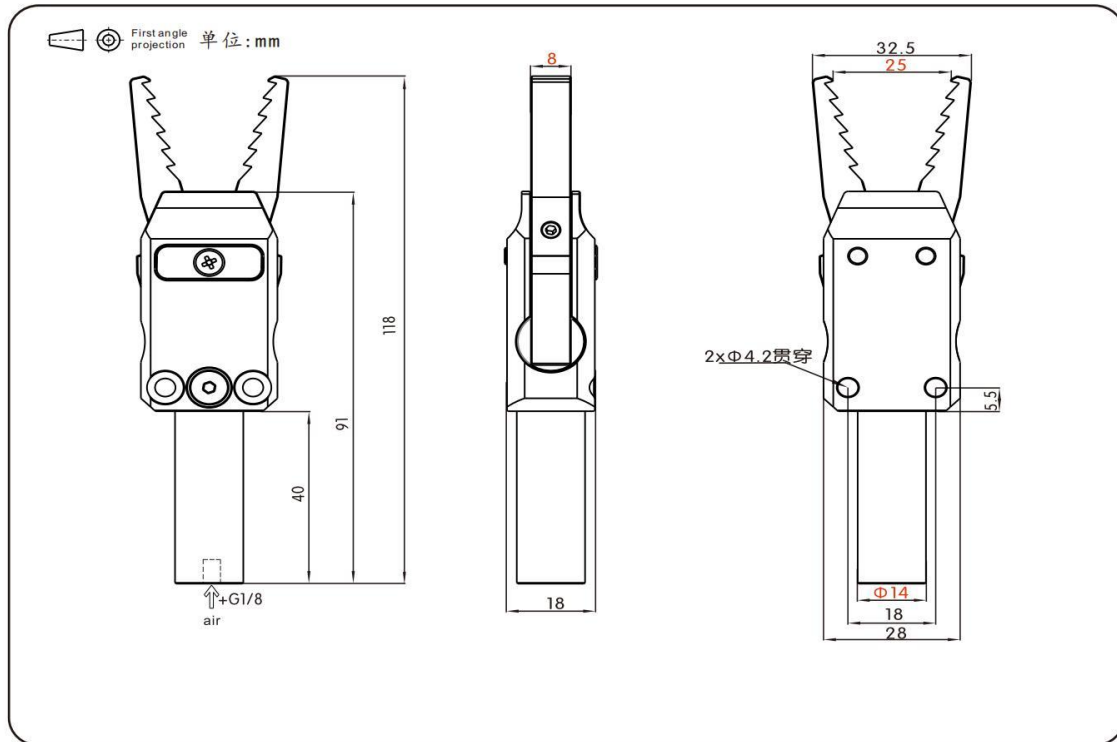
活塞孔: 14mm

Aluminum jaws.

铝制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	80g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14B-14-CN / GST14B-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

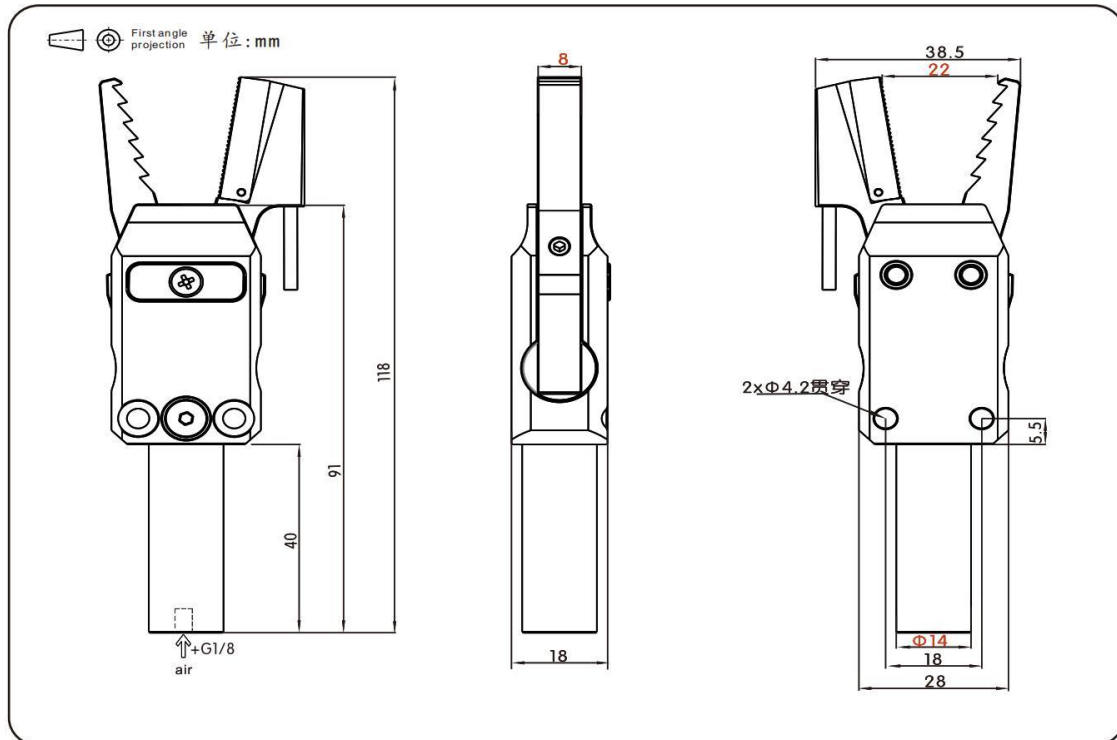
铝制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)

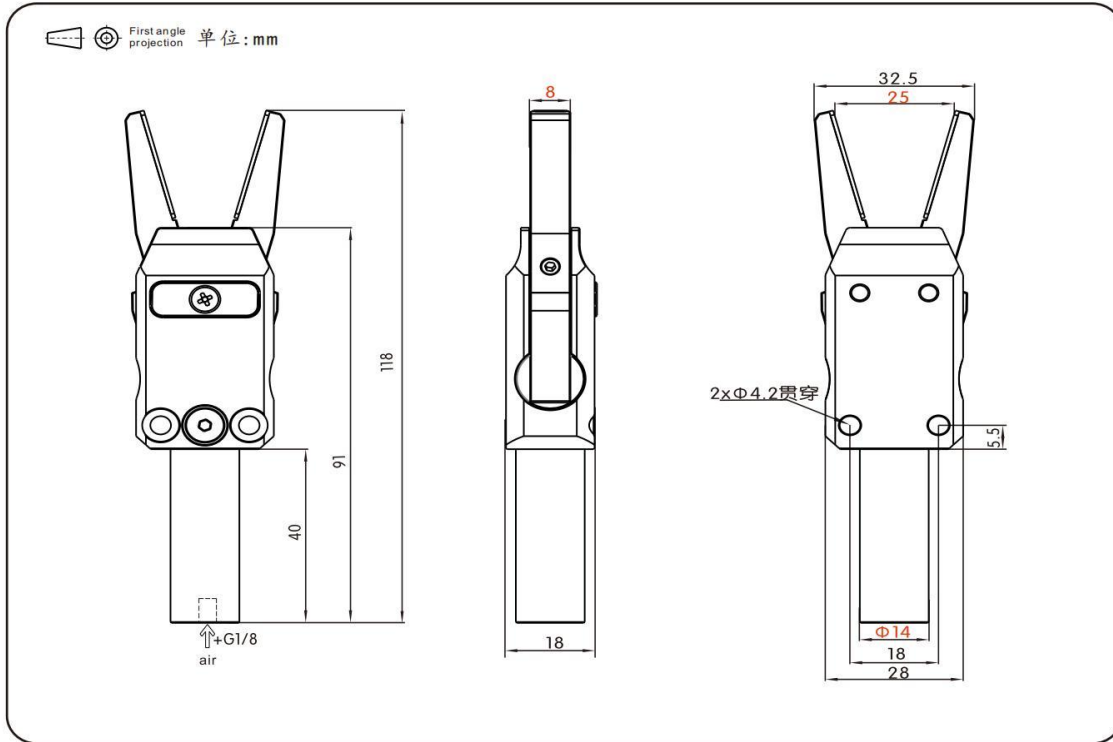


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	100g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14C-14

Piston bore:14mm. 活塞孔：14mm
 Aluminum jaws. 铝制钳口
 Single acting. 单一动作
 Silicone padS. 硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	80g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14C-14-CN / GST14C-14-CP

Piston bore:14mm.

活塞孔: 14mm

Sensor 钳口传感器

Aluminum jaws.

铝制钳口

Option 1: (CN:NPN输入)

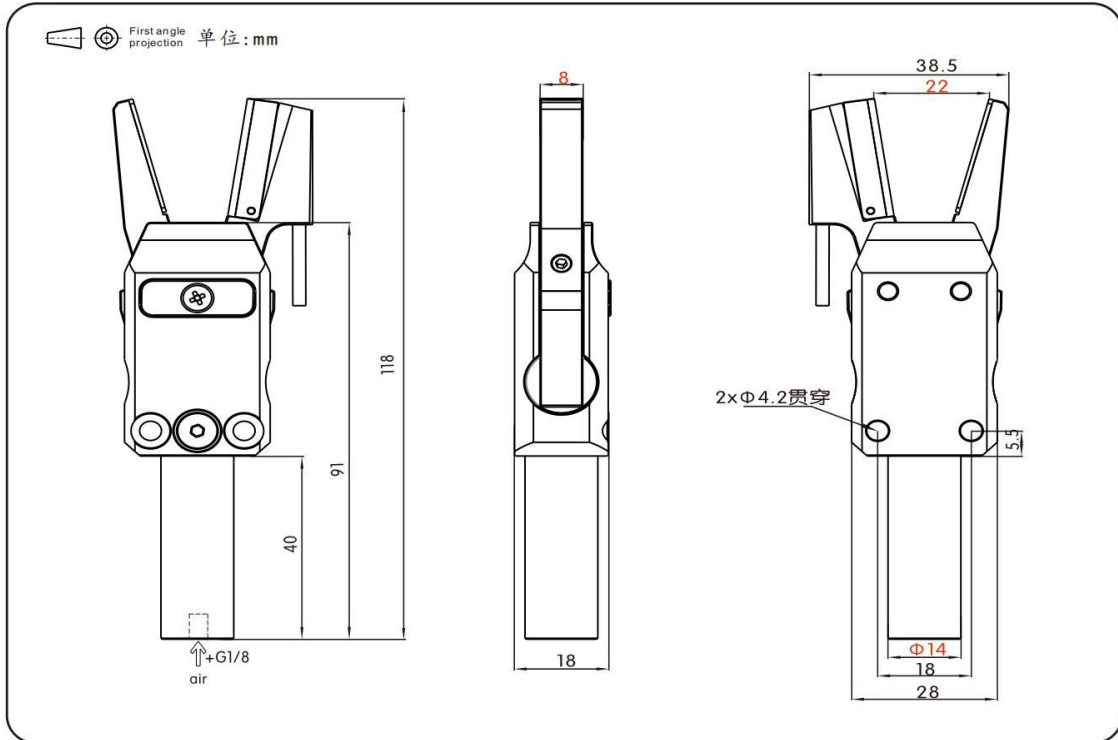
Single acting.

单一动作

Option 2: (CP:PNP输入)

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	100g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

GST14D-14

Piston bore:14mm.

活塞孔：14mm

Steel jaws.

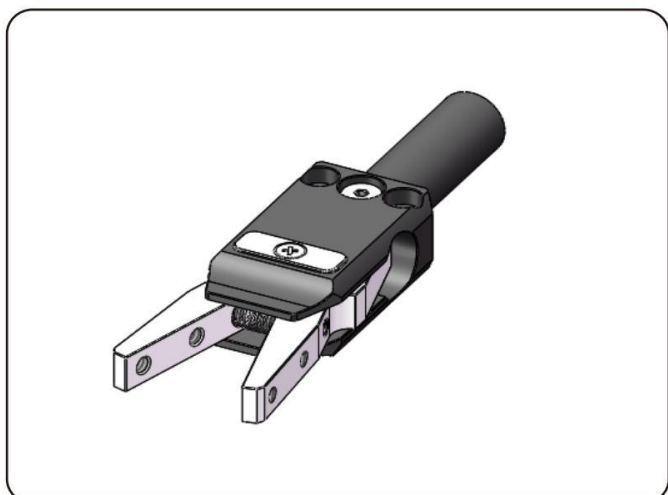
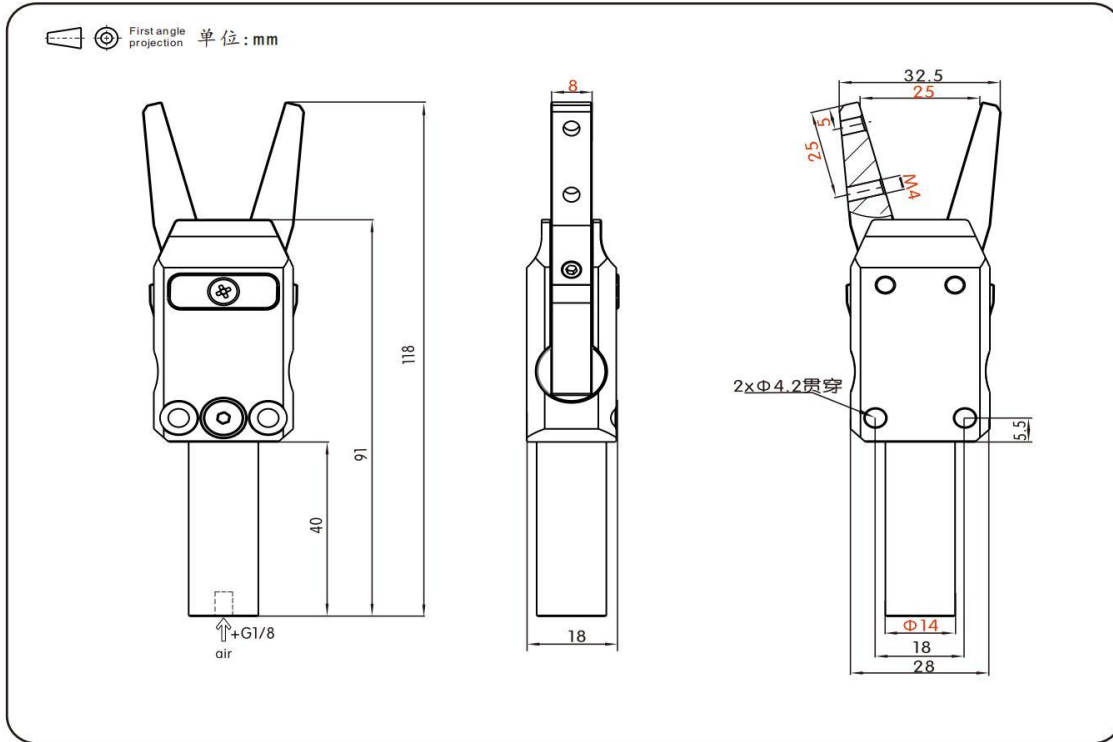
钢制钳口

Single acting.

单一动作

Custom jaws

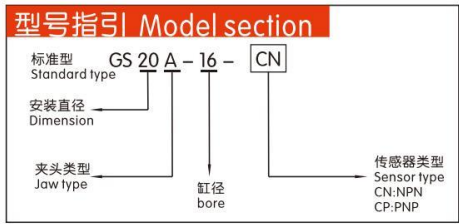
自定义钳口



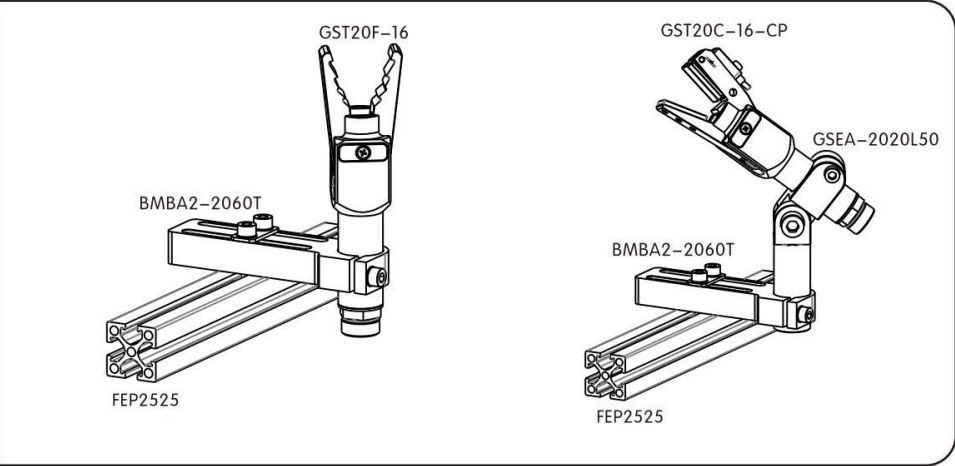
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x14°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.4cm³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	80N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	5N/cm
重量 Weight	80g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

双钳口自动校准中心夹具GST20系列
 2-jaw non-selfcentering angular
 pneumatic sprue gripper
 Series:GST20



运用示范
 Application example



水口夹 Sprue gripper

GST20A-16

Piston bore:16mm.

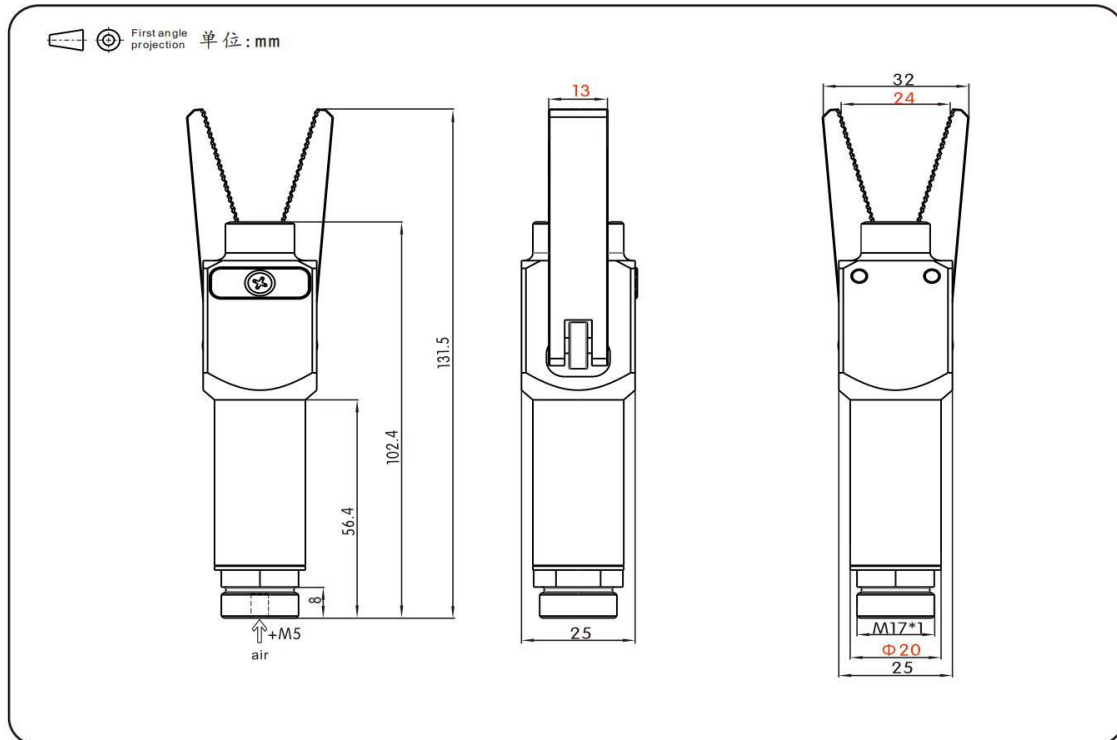
活塞孔: 16mm

Steel jaws.

钢制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	165g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20A-16-CN / GST20A-16-CP

Piston bore:16mm.

活塞孔: 16mm

Sensor 钳口传感器

Steel jaws.

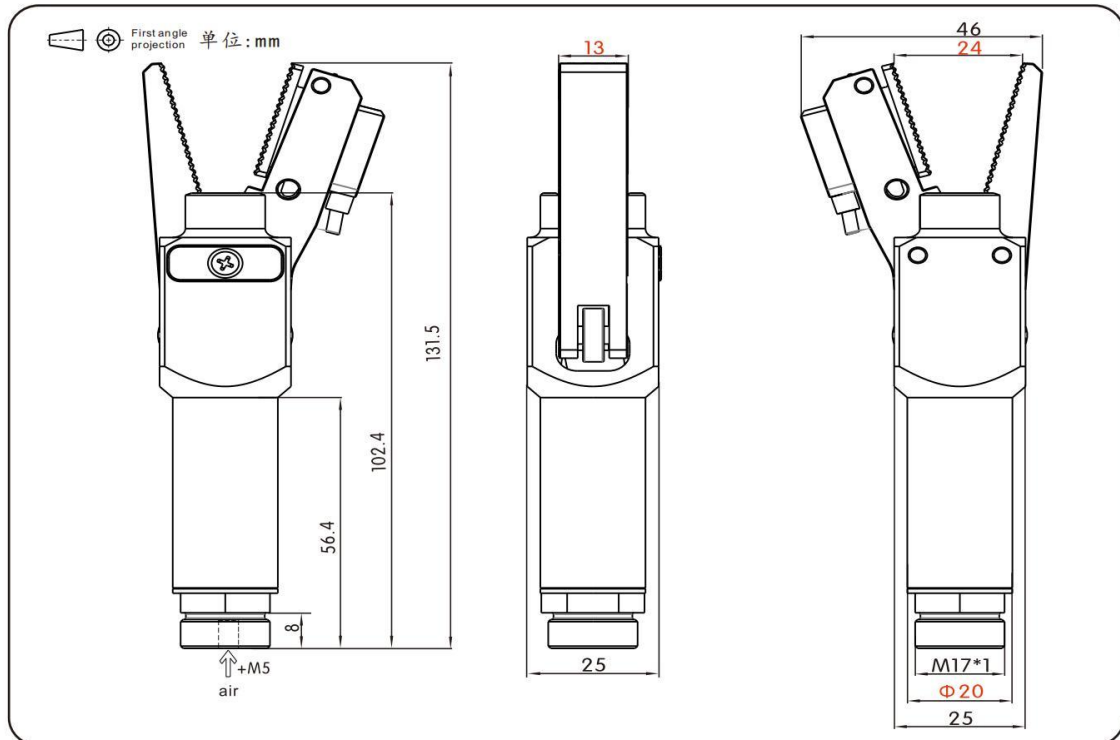
钢制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	190g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20B-16

Piston bore:16mm.

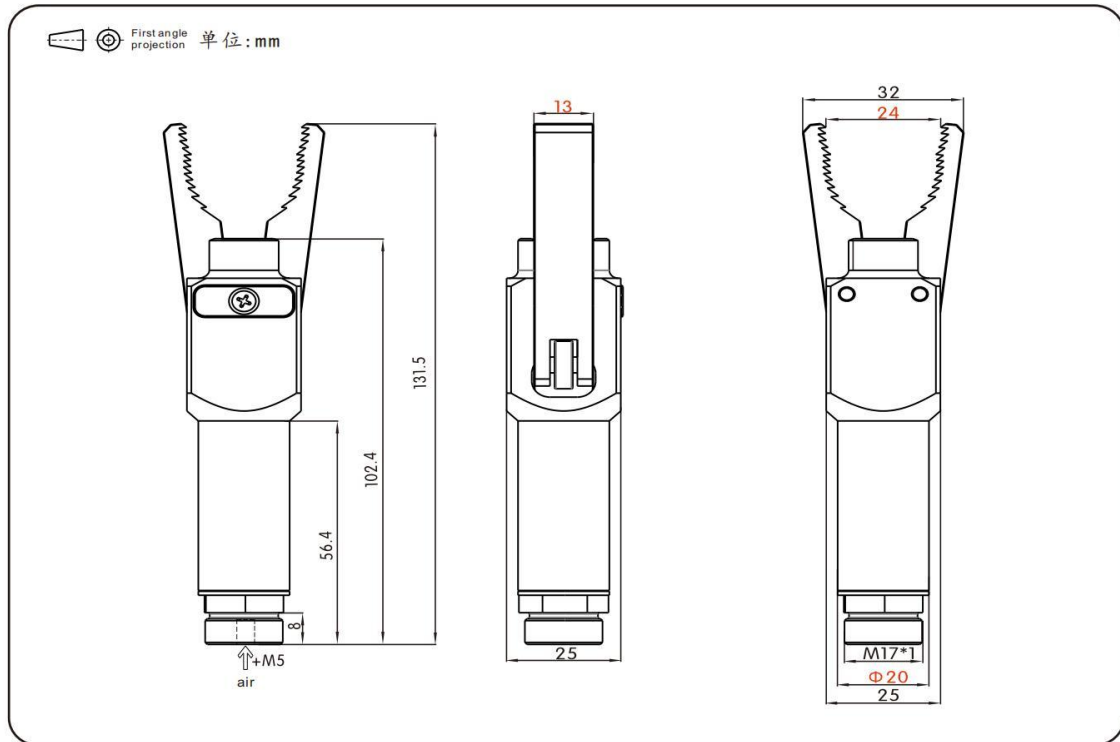
活塞孔: 16

Steel jaws.

钢制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	165g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20B-16-CN / GST20B-16-CP

Piston bore: 16mm.

活塞孔: 16mm

Sensor 钳口传感器

Steel jaws.

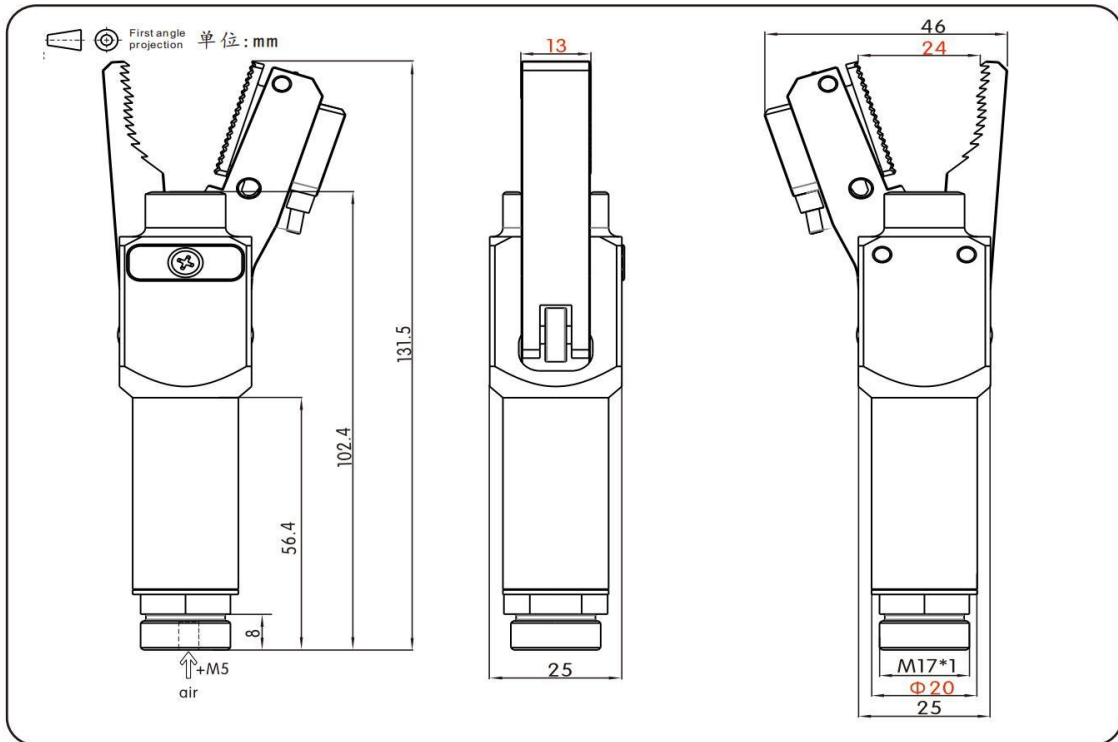
钢制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	190g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20C-16

Piston bore: 16mm.

活塞孔: 16mm

Steel jaws.

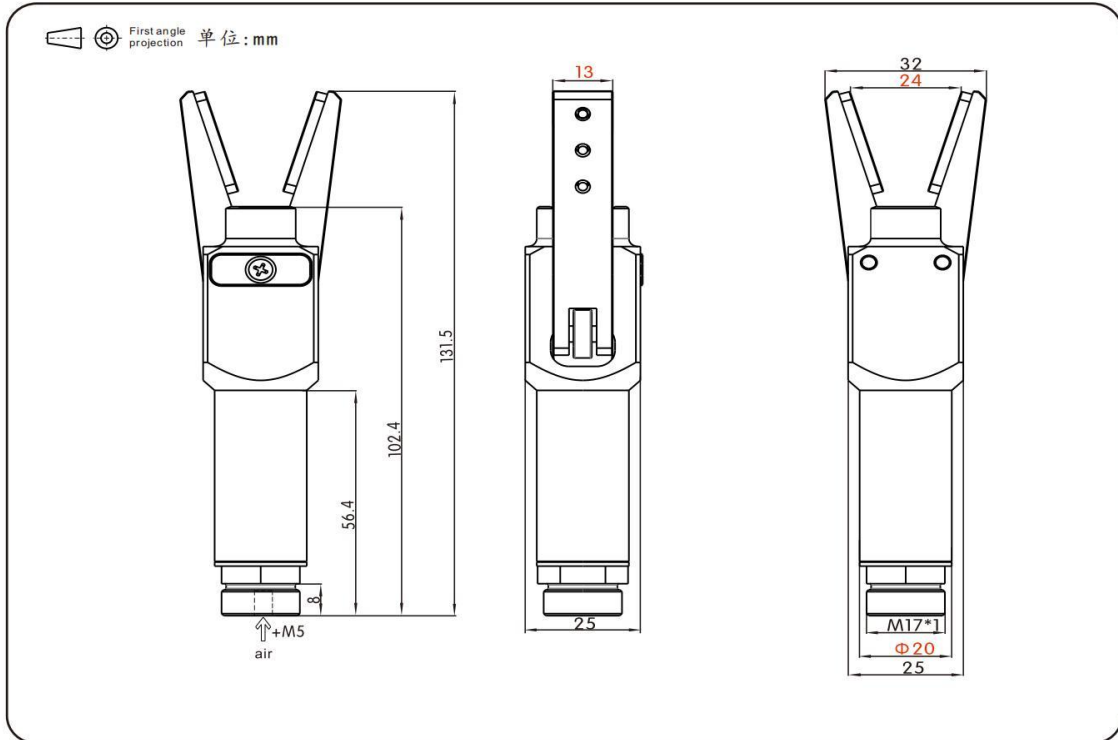
钢制钳口

Single acting.

单一动作

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	165g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20C-16-CN / GST20C-16-CP

Piston bore: 16mm.

活塞孔: 16mm

Sensor 钳口传感器

Steel jaws.

钢制钳口

Option 1: (CN:NPN输入)

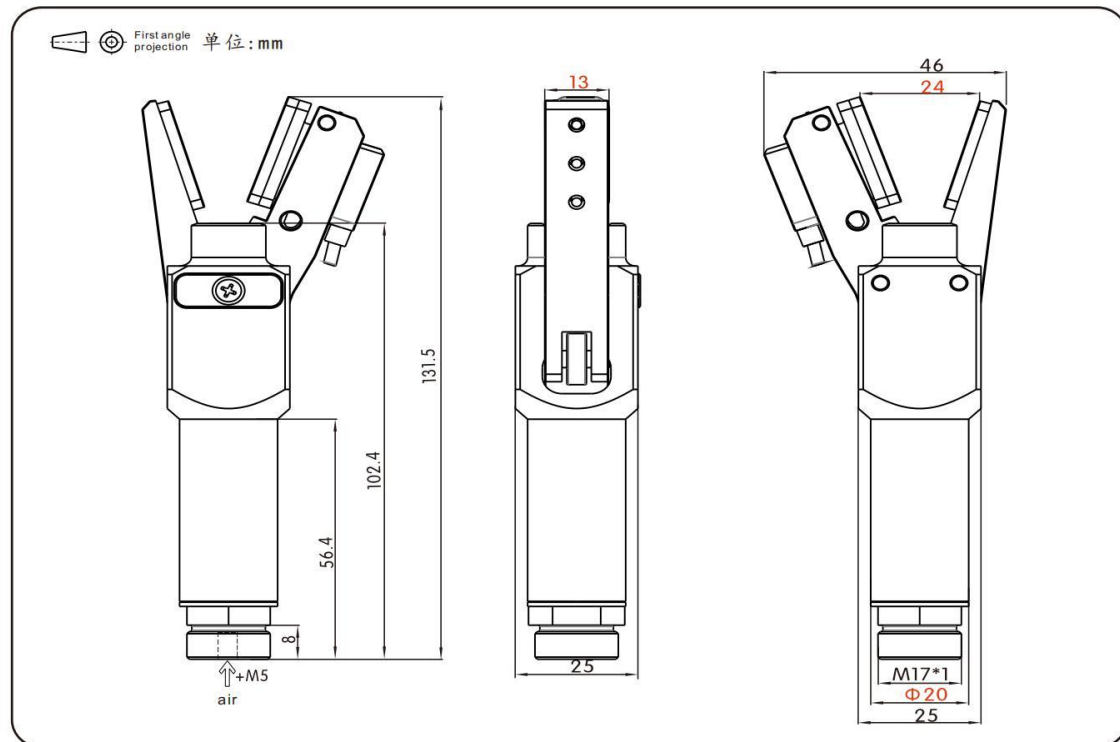
Single acting.

单一动作

Option 2: (CP:PNP输入)

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	190g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20D-16

Piston bore:16mm.

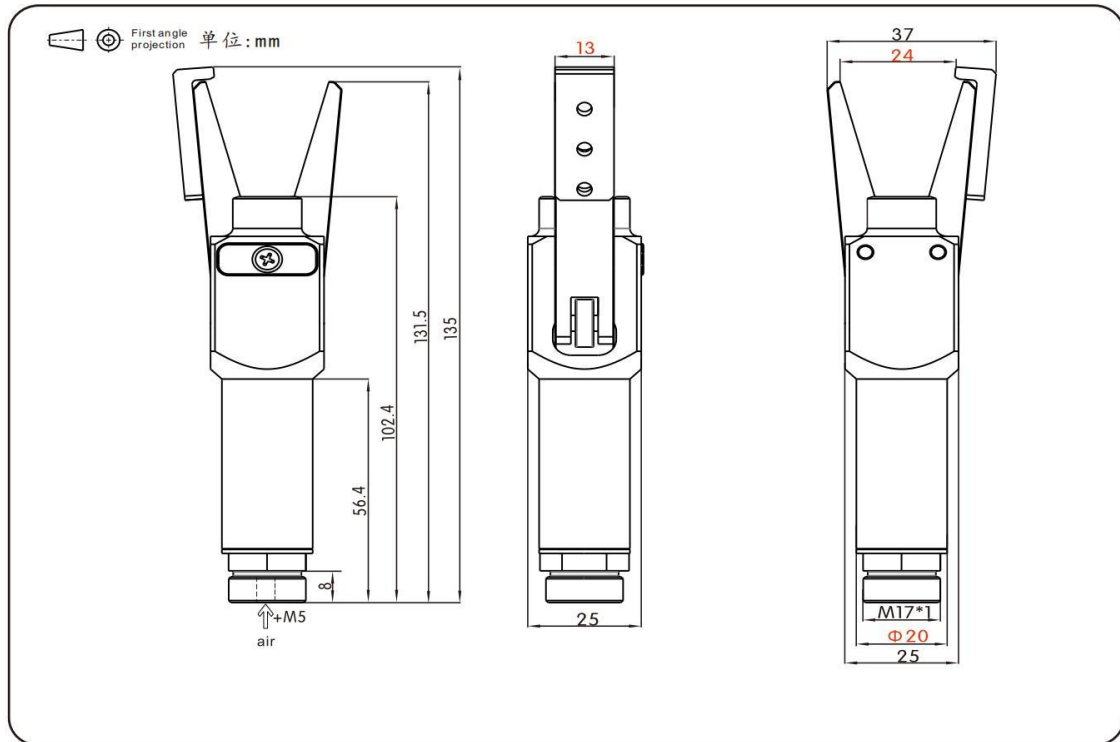
活塞孔: 16mm

Steel jaws.

钢制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	165g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20D-16-CN / GST20D-16-CP

Piston bore: 16mm.

活塞孔: 16mm

Sensor 钳口传感器

Steel jaws.

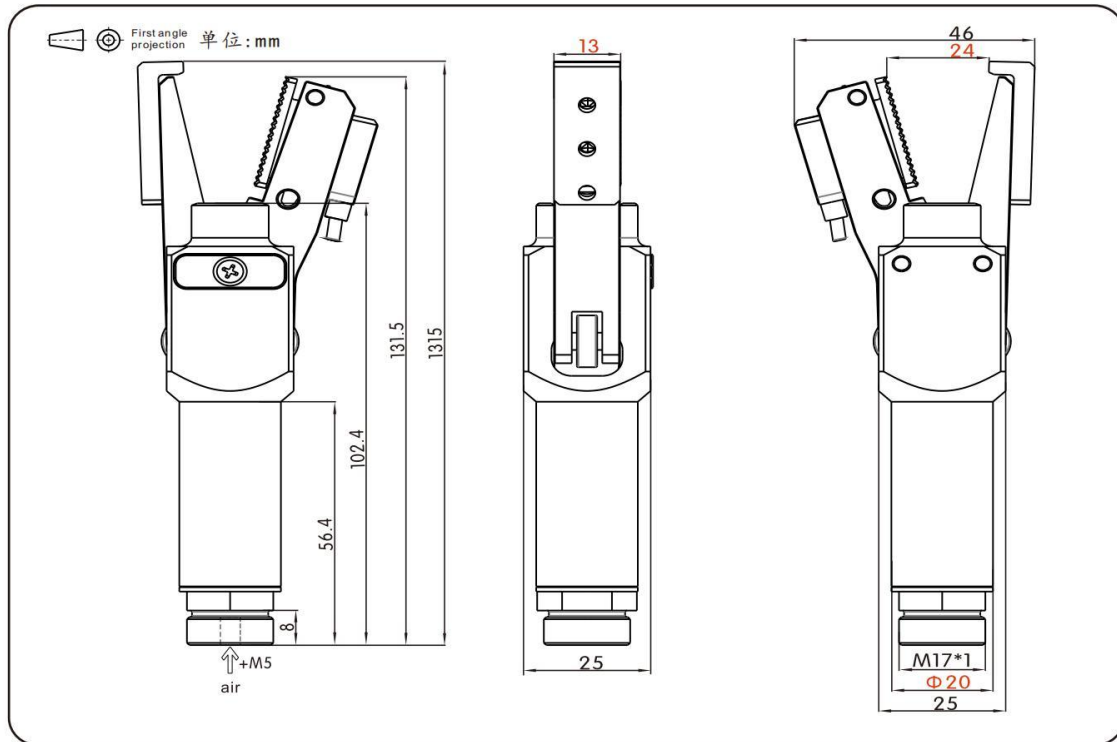
钢制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	190g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20E-16

Piston bore:16mm.

活塞孔: 16mm

Steel jaws.

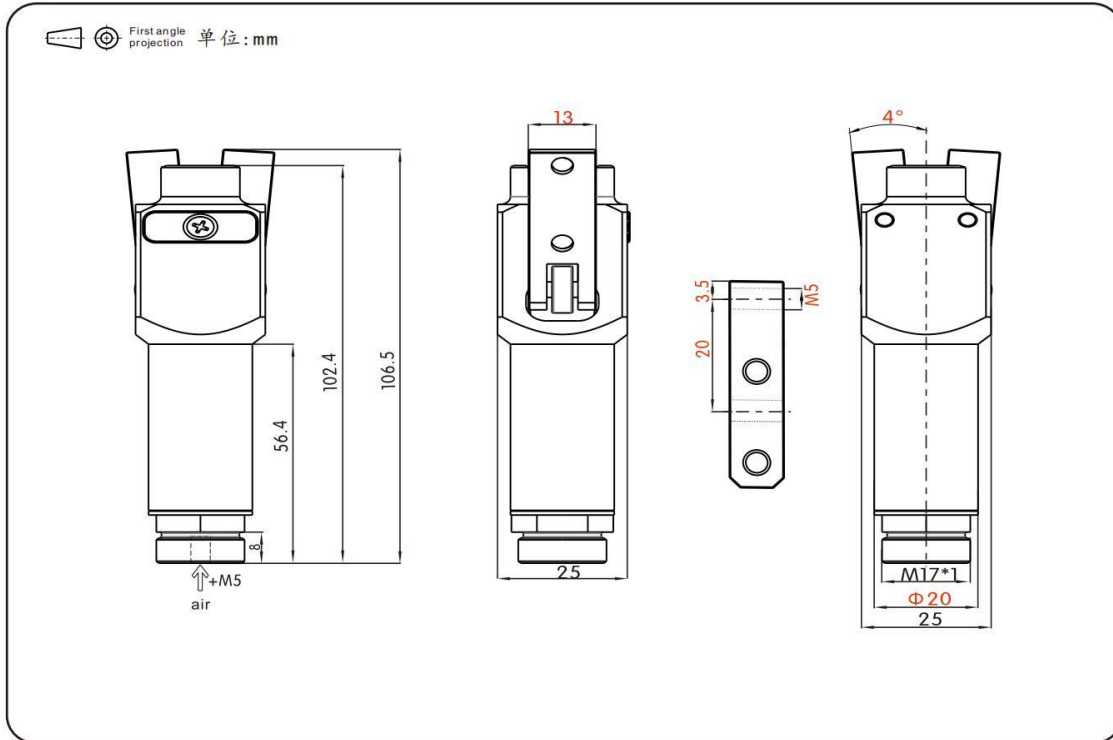
钢制钳口

Single acting.

单一动作

Custom jaws

自定义钳口



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	152g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20F-16

Piston bore:16mm.

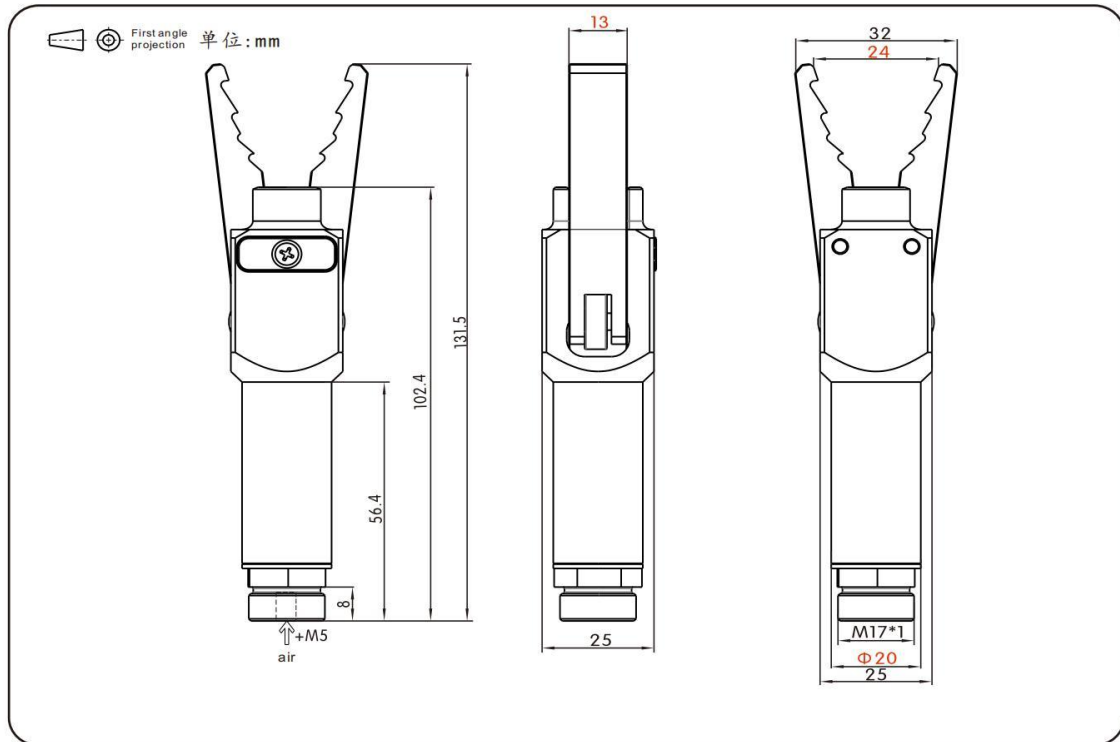
活塞孔: 16mm

Steel jaws.

钢制钳口

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	165g
进气孔 Air inlet	M5

水口夹 Sprue gripper

GST20F-16-CN / GST20F-16-CP

Piston bore: 16mm.

活塞孔: 16mm

Sensor 钳口传感器

Steel jaws.

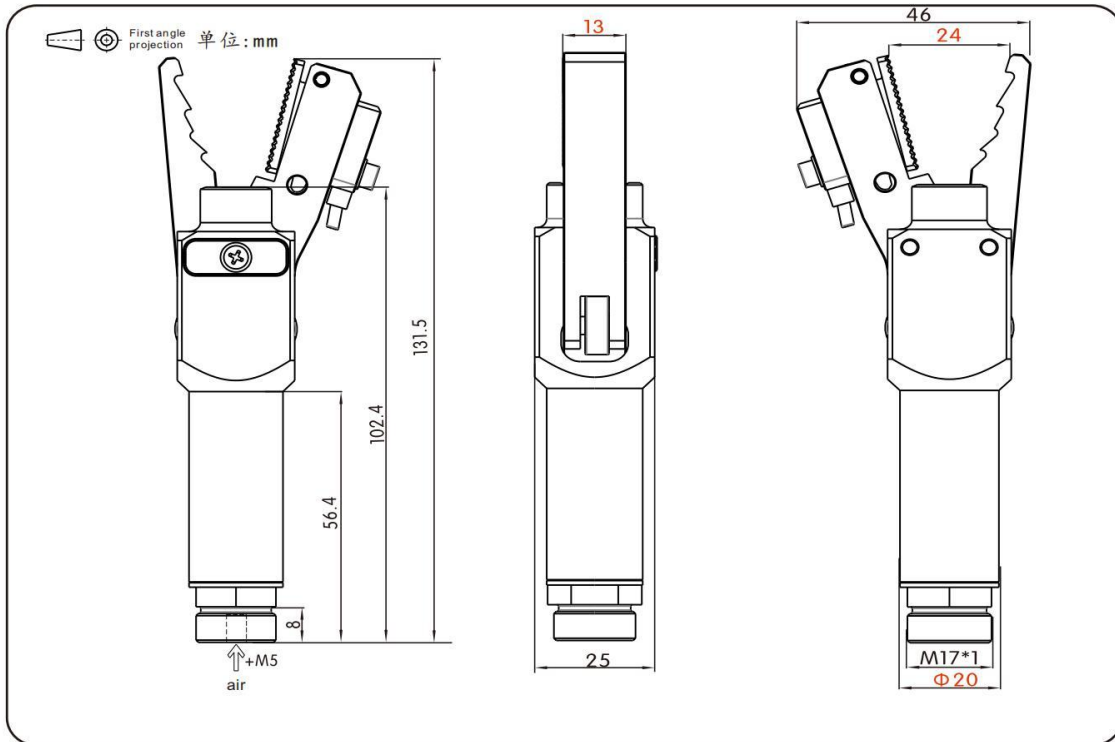
钢制钳口

Option 1: (CN:NPN输入)

Single acting.

单一动作

Option 2: (CP:PNP输入)

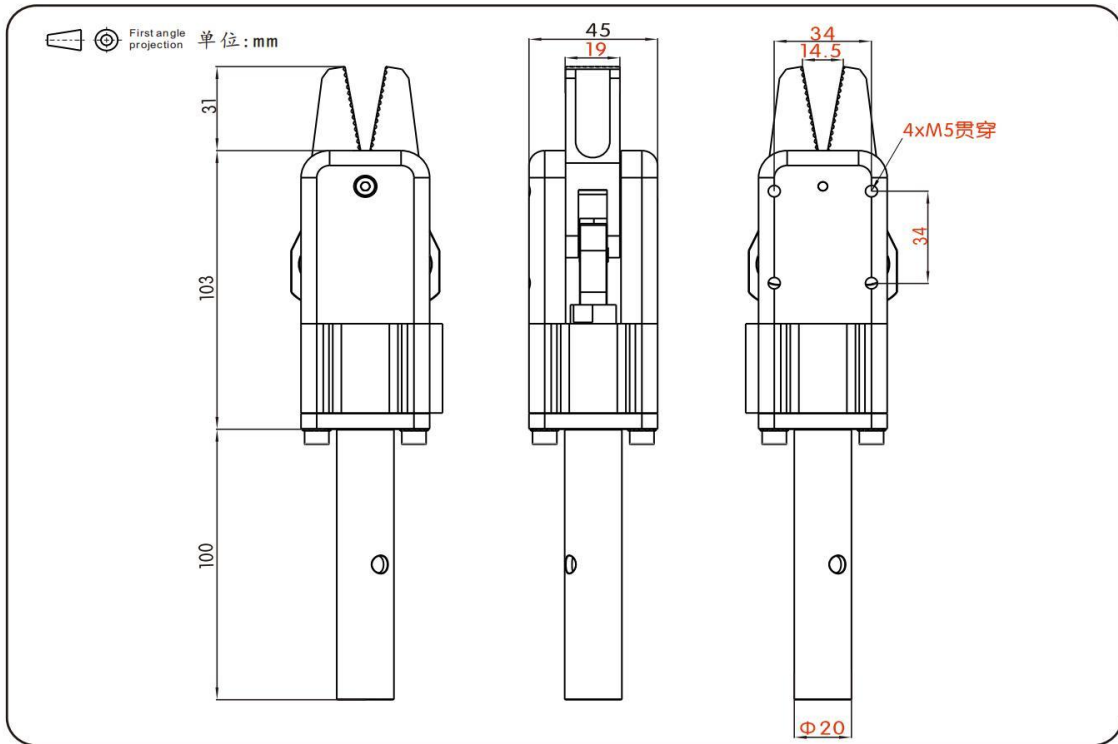


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	2x15°
最大工作频率 Maximum working frequency	2Hz
循环空气消耗量 Cycle air consumption	3.6cm ³
空载关闭时间 Closing time without load	0.01s
单钳口闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
单钳口打开扭矩 (气压6bar) Opening gripping torque	20N/cm
重量 Weight	190g
进气孔 Air inlet	M5

水口夹 Sprue gripper

强力水口夹GSRP32A
Strong sprue gripper GSRP32A

Cylinder push. 气缸锁紧
Steel jaws. 钢制钳口
Double acting. 双动



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑移行程 Slip Stroke	—
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	625g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

强力水口夹GSRP32A-30

Strong sprue gripper GSRP32A-30

Cylinder push.

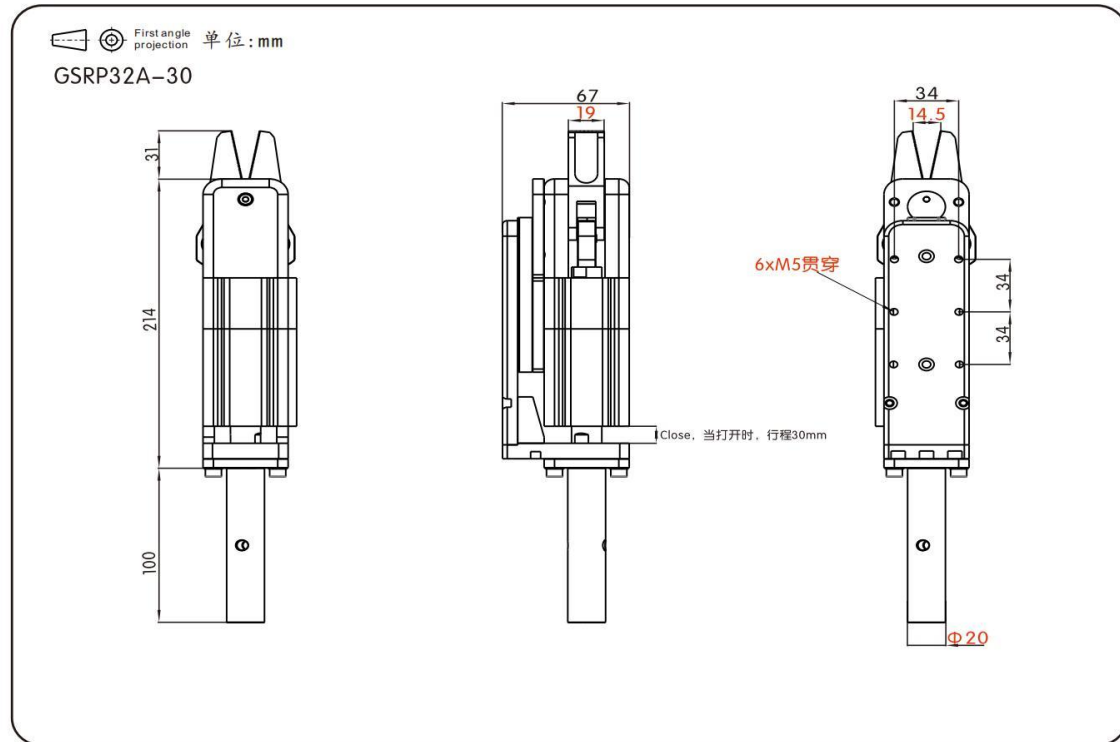
气缸锁紧

Steel jaws.

钢制钳口

Double acting.

双动



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑行程 Slip Stroke	30mm
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	1350g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

强力水口夹GSRP32A-3020

Strong sprue gripper GSRP32A-3020

Cylinder push.

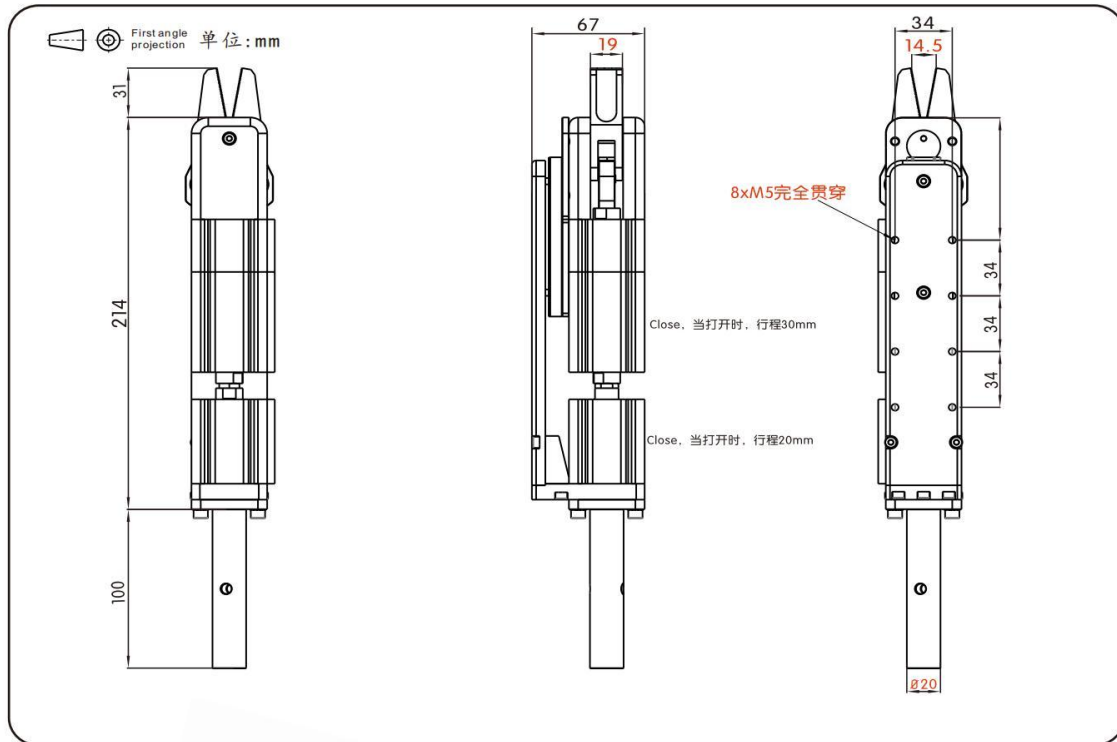
气缸锁紧

Steel jaws.

钢制钳口

Double acting.

双动



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑移行程 Slip Stroke	—
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	1865g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

强力水口夹GSRP32B

Strong sprue gripper GSRP32B

Cylinder push.

气缸锁紧

Steel jaws.

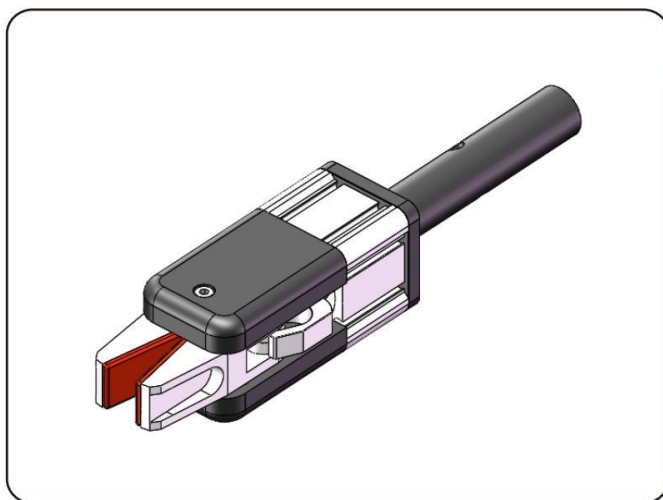
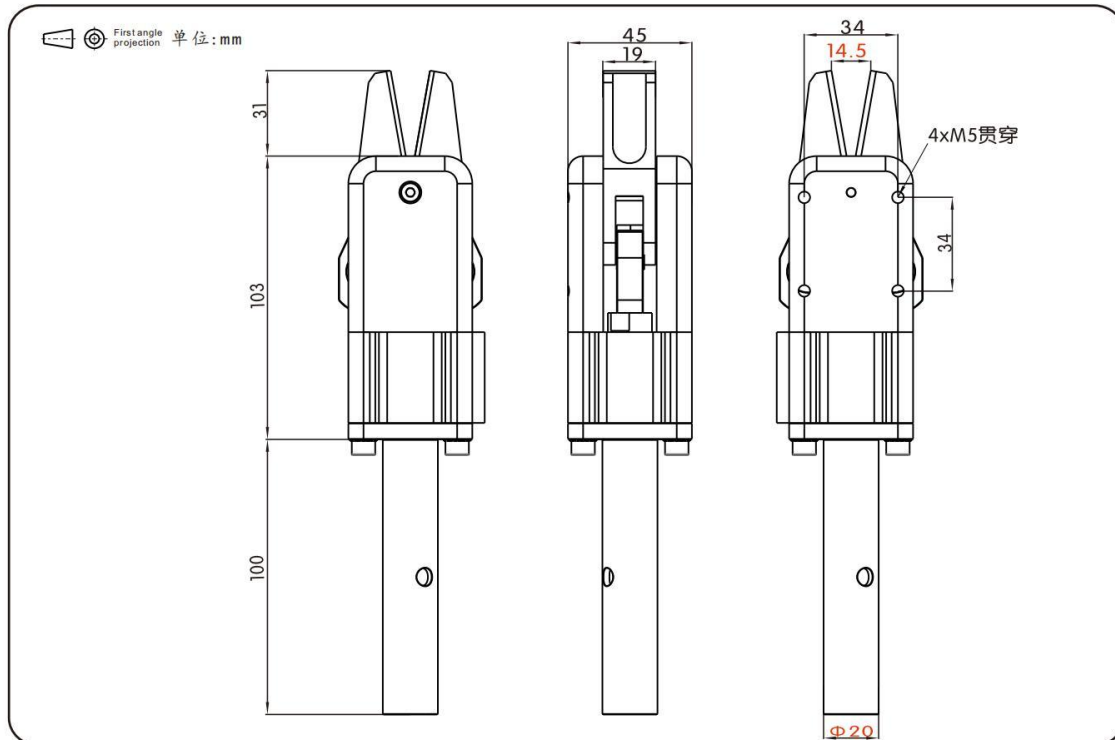
钢制钳口

Double acting.

双动

Silicone padS.

硅胶垫

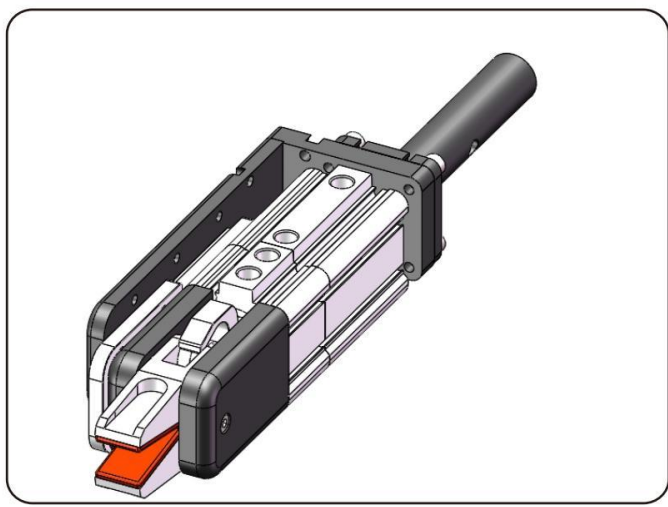
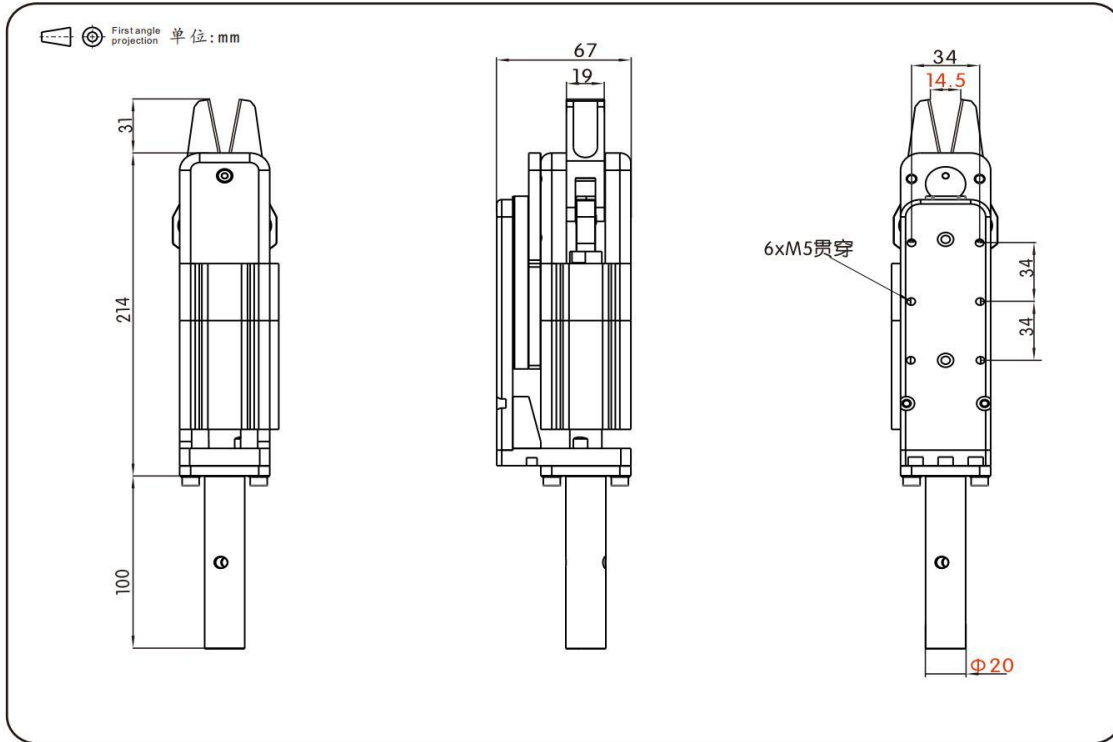


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑移行程 Slip Stroke	—
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	625g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

强力水口夹GSRP32B-30
Strong sprue gripper GSRP32B-30

Cylinder push. 气缸锁紧
Steel jaws. 钢制钳口
Double acting. 双动
Silicone padS. 硅胶垫



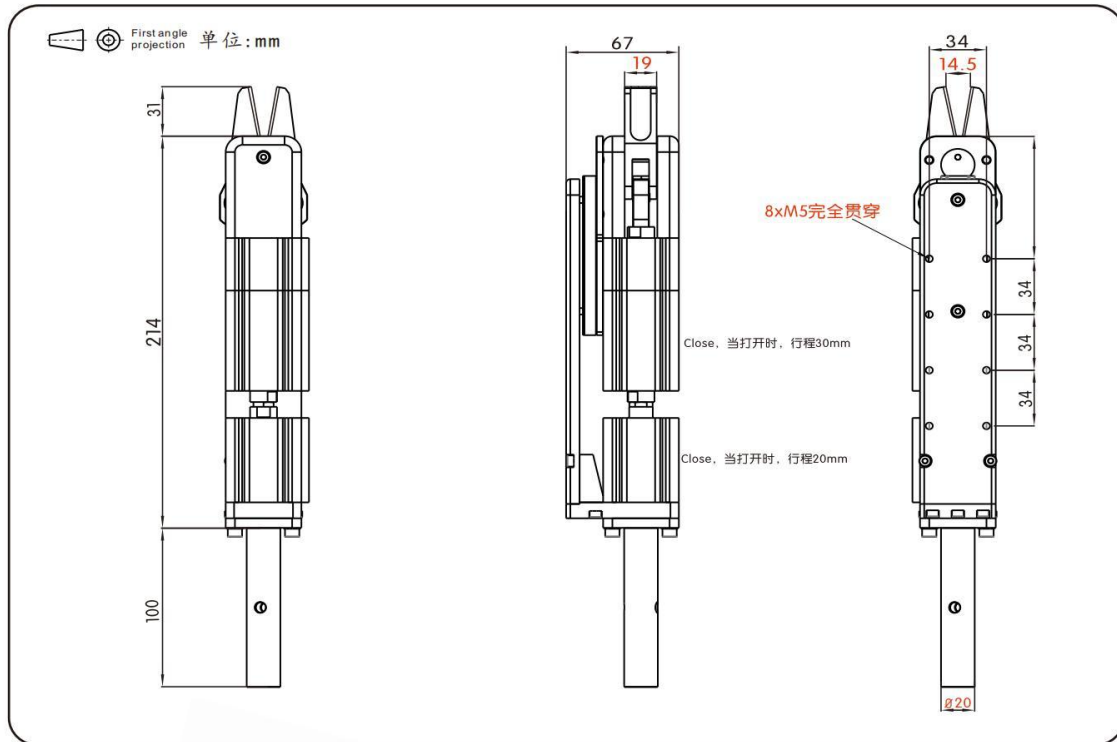
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑移行程 Slip Stroke	30mm
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	1350g
进气孔 Air inlet	G1/8

水口夹 Sprue gripper

强力水口夹GSRP32B-3020

Strong sprue gripper GSRP32B-3020

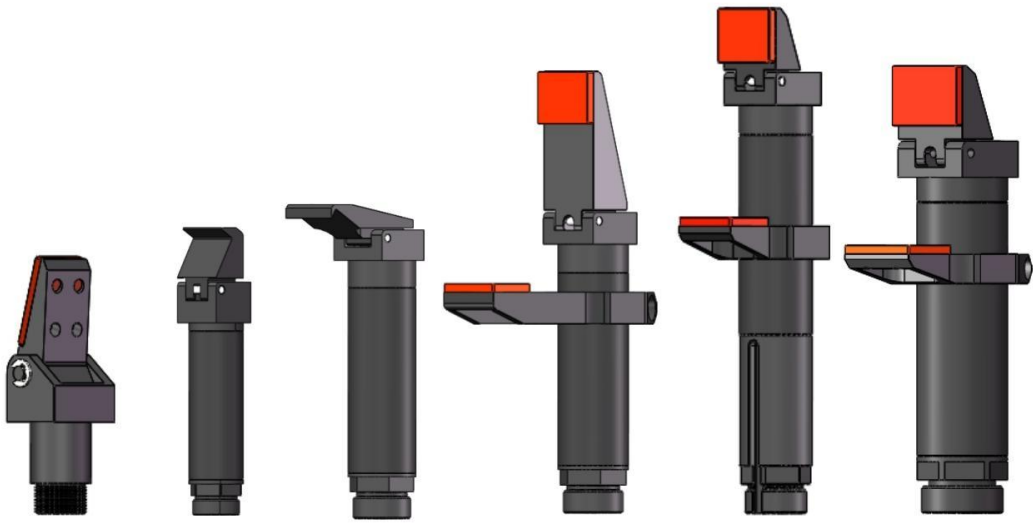
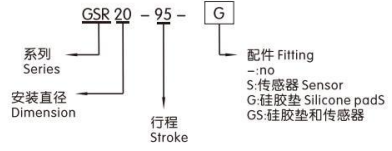
Cylinder push. 气缸锁紧
 Steel jaws. 钢制钳口
 Double acting. 双动
 Silicone padS. 硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
夹头行程 Jaw Stroke	2x10°
滑移行程 Slip Stroke	—
单钳口闭合扭矩 (气压6bar) Closing gripping torque	375N/cm
重量 Weight	1865g
进气孔 Air inlet	G1/8

单动拨指 Finger gripper

型号指引 Model section



GSR20-21G

GSR14-35

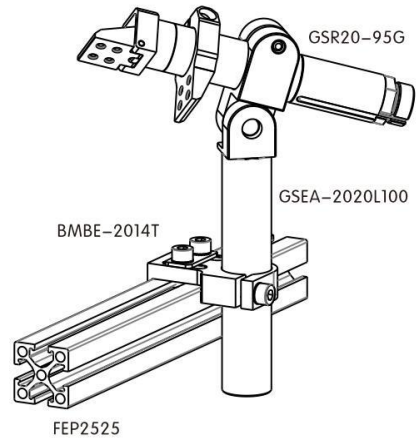
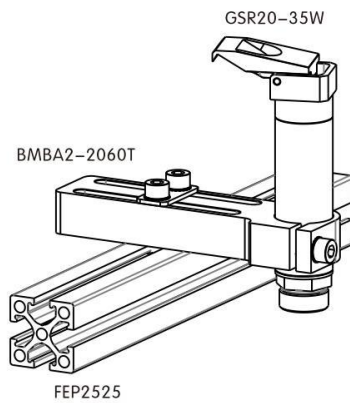
GSR20-35W

GSR20-95LG

GSR20-95GS

GSR30-95G

运用示范 Application example



单动拨指 Finger gripper

GSR20-21

Piston bore: 16mm.

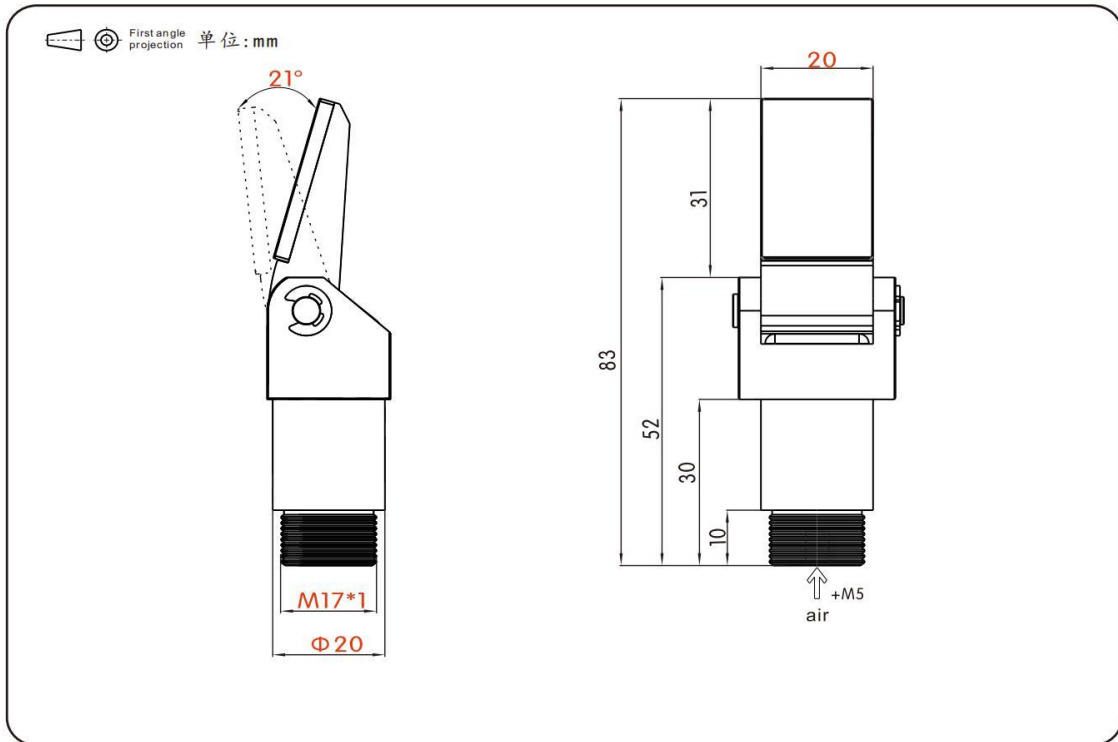
活塞孔: 16mm

Single acting.

单一动作

Silicone padS.

硅胶垫

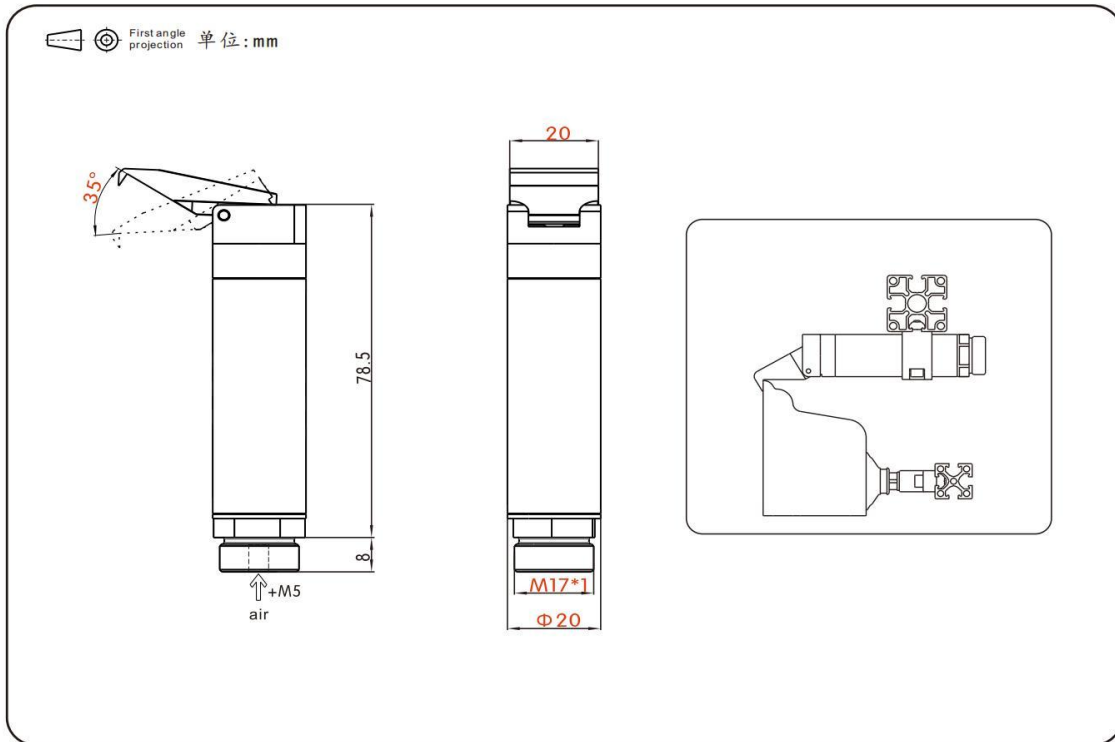


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	21°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1.24cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	100N/cm
重量 Weight	37g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-35-W

Piston bore: 16mm.
Single acting.



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	35°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	100N/cm
重量 Weight	60g
进气孔 Air inlet	M5

单动拨指 Finger gripper

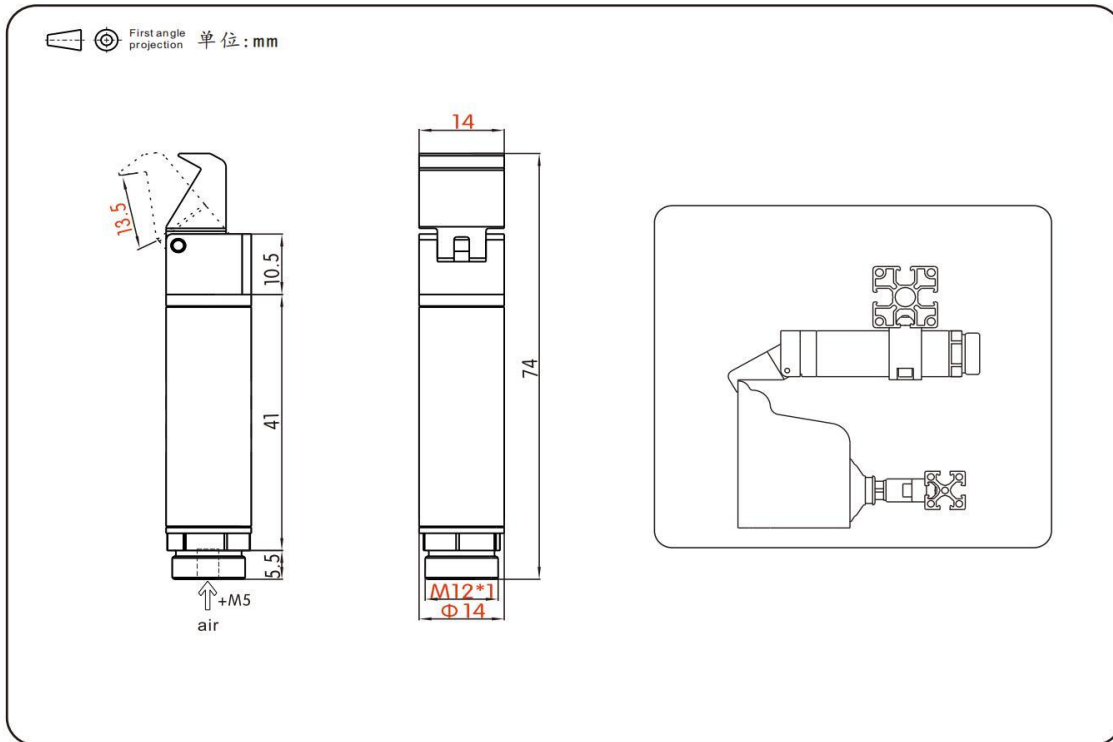
GSR14-35

Piston bore: 10mm.

活塞孔: 10mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	35°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	0.4cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	26N/cm
重量 Weight	25g
进气孔 Air inlet	M5

单动拨指 Finger gripper

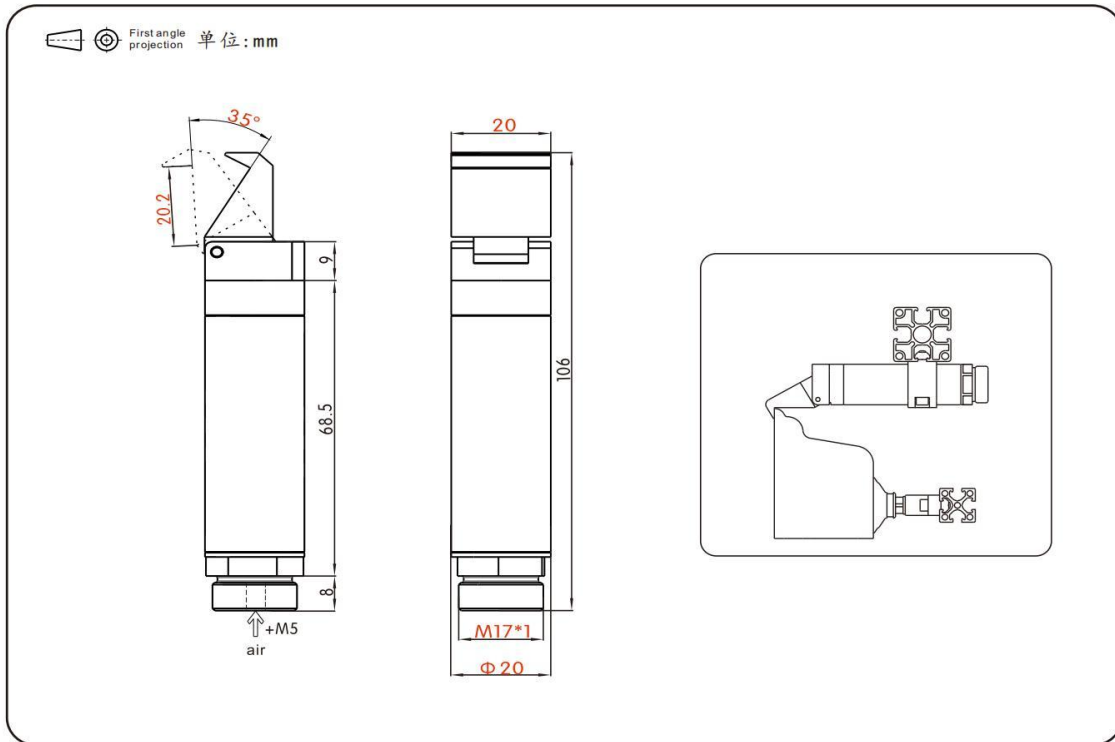
GSR20-35

Piston bore:16mm.

活塞孔: 16mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	35°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	100N/cm
重量 Weight	65g
进气孔 Air inlet	M5

单动拨指 Finger gripper

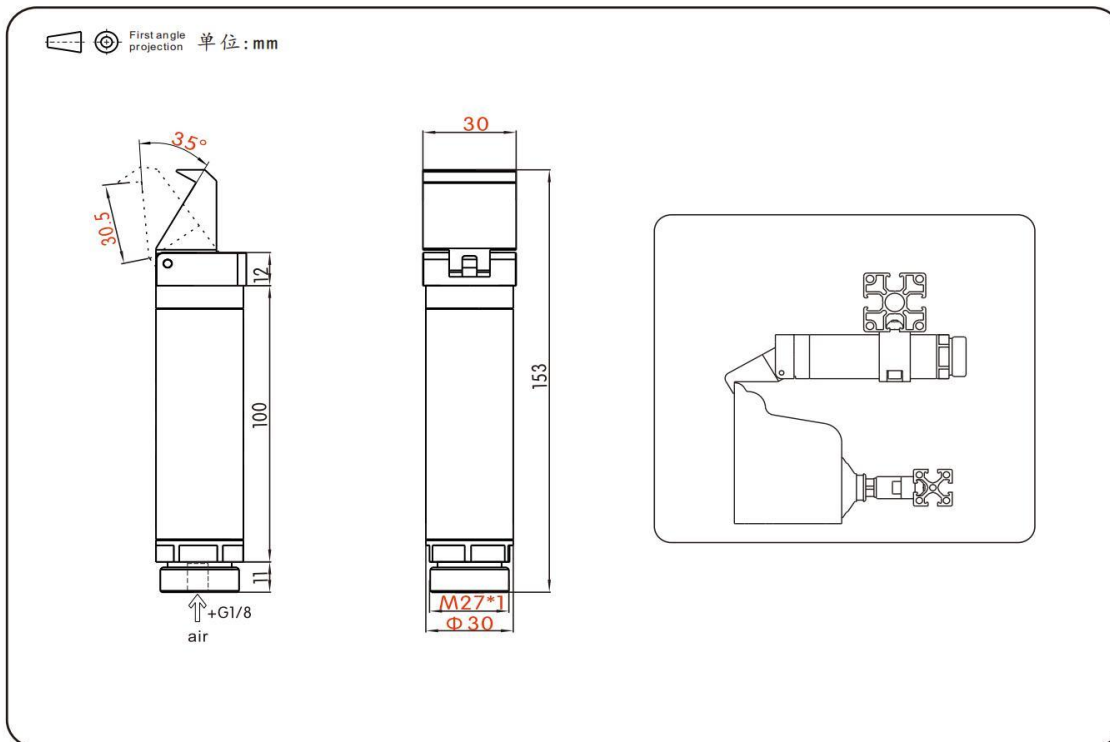
GSR30-35

Piston bore: 25mm.

活塞孔: 25mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	35°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	4.56cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	430N/cm
重量 Weight	206g
进气孔 Air inlet	G1/8

单动拨指 Finger gripper

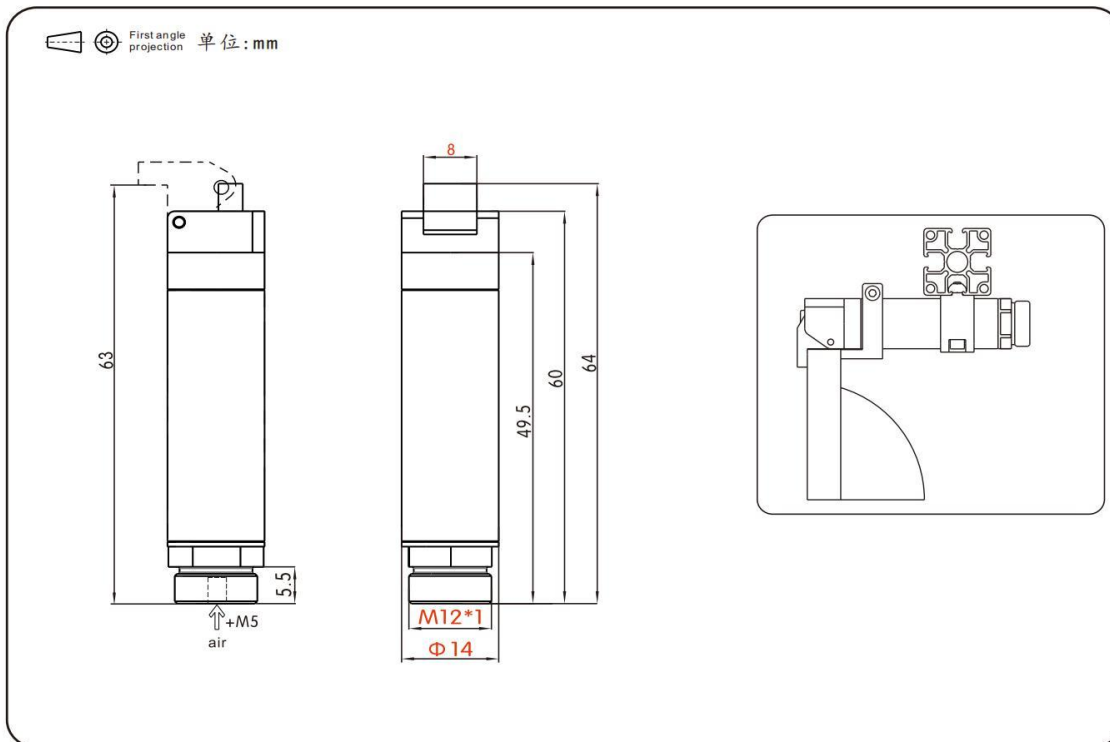
GSR14-90

Piston bore:10mm.

活塞孔: 10mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	90°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	19N/cm
重量 Weight	23g
进气孔 Air inlet	M5

单动拨指 Finger gripper

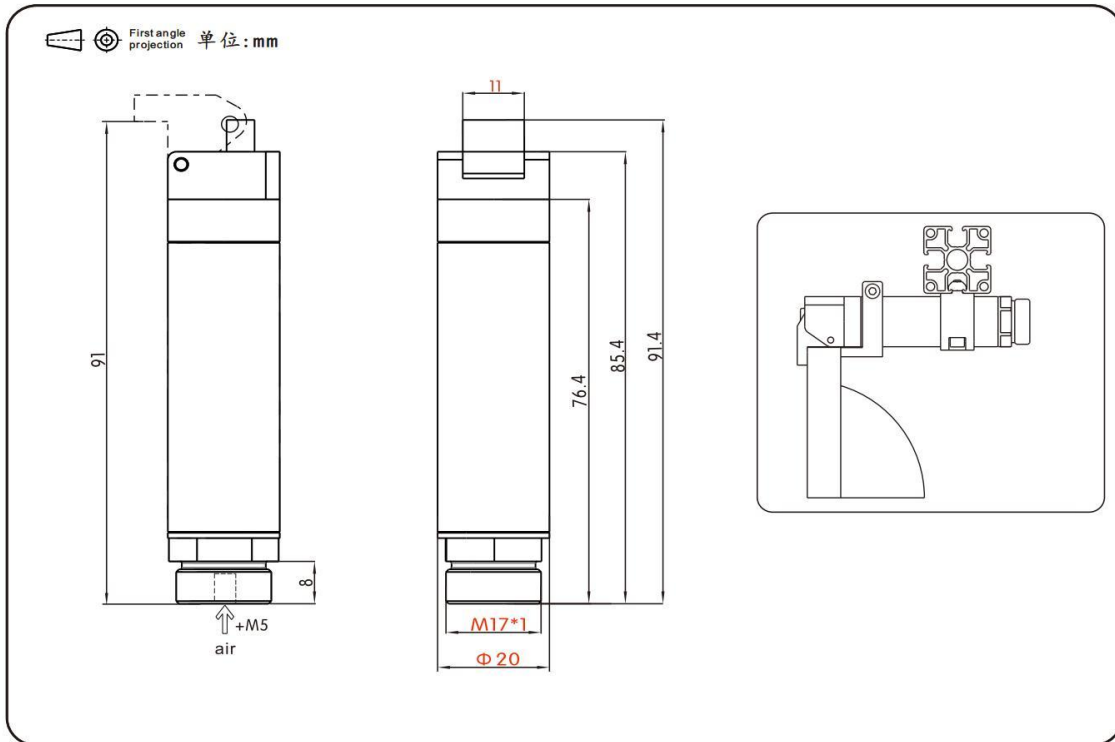
GSR20-90

Piston bore: 16mm.

活塞孔: 16mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	90°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	60g
进气孔 Air inlet	M5

单动拨指 Finger gripper

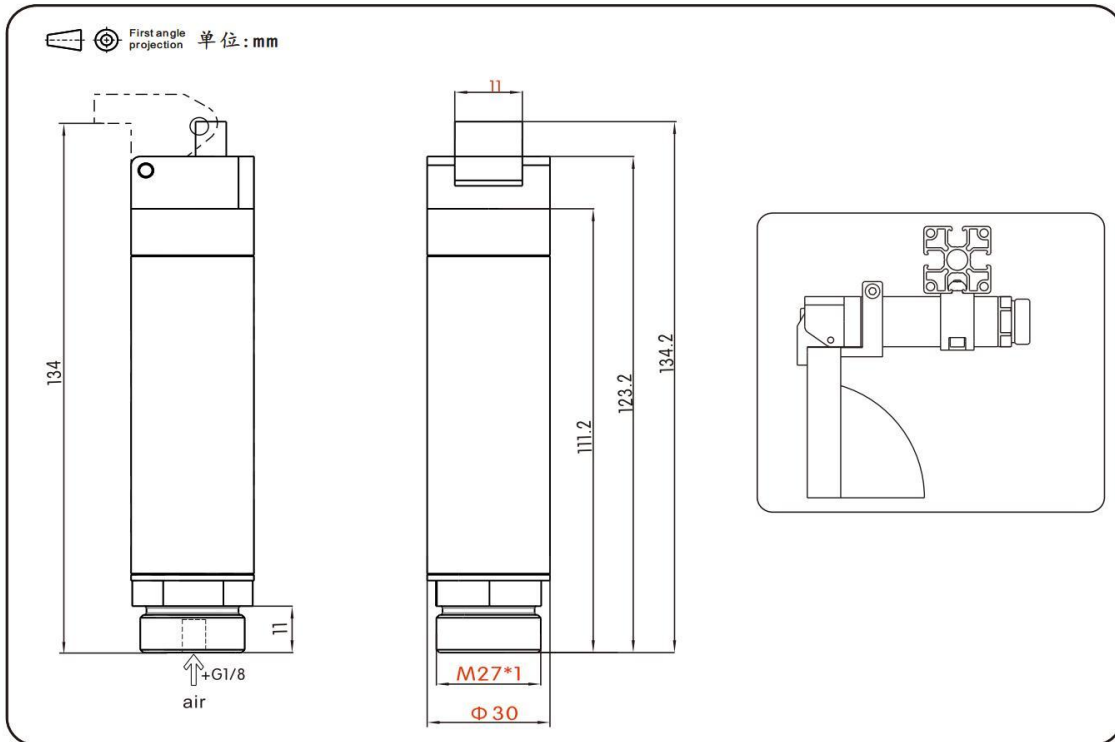
GSR30-90

Piston bore: 25mm.

活塞孔: 25mm

Single acting.

单一动作



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	90°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	4.56cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
重量 Weight	185g
进气孔 Air inlet	G1/8

单动拨指 Finger gripper

GSR14-95

Piston bore: 10mm.

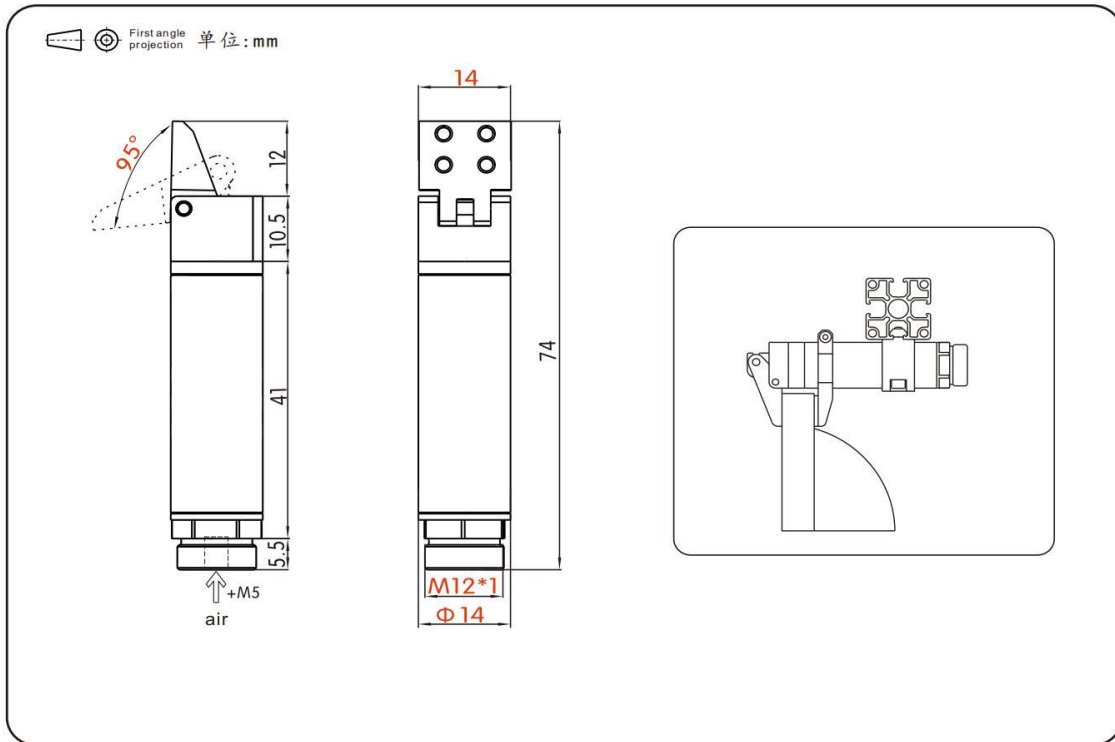
Single acting.

Optional magnetic sensors.

活塞孔: 10mm

单一动作

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	19N/cm
重量 Weight	25g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95

Piston bore: 16mm.

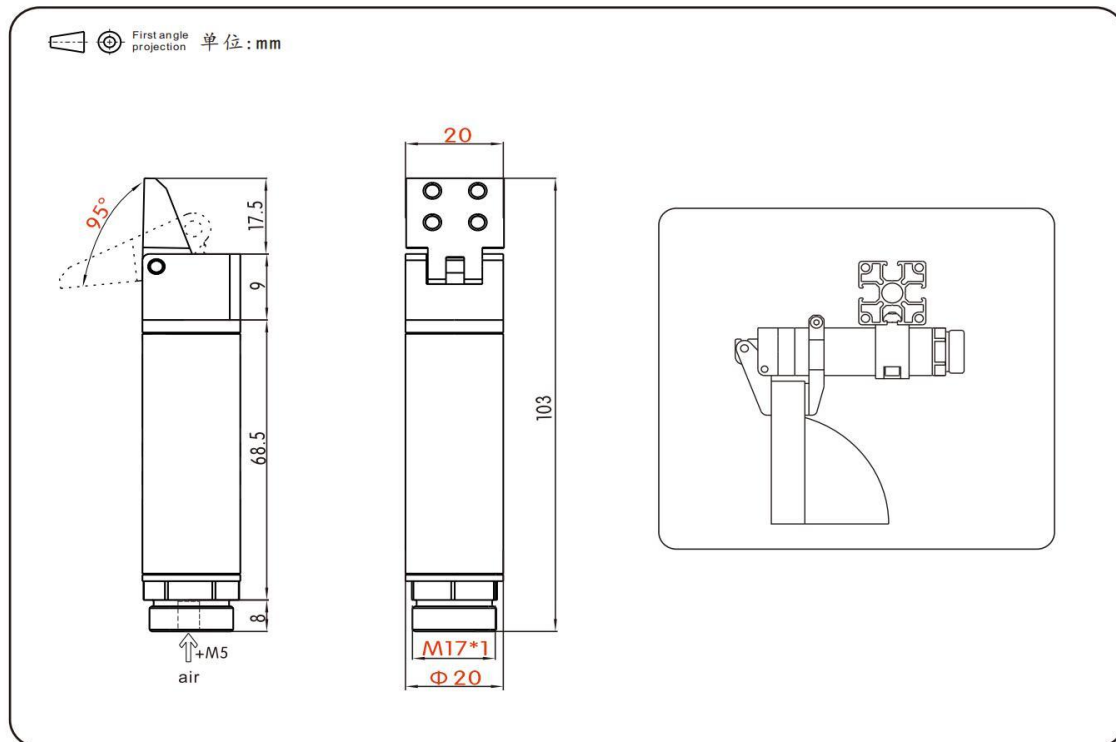
活塞孔: 16mm

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	60g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR30-95

Piston bore: 25mm.

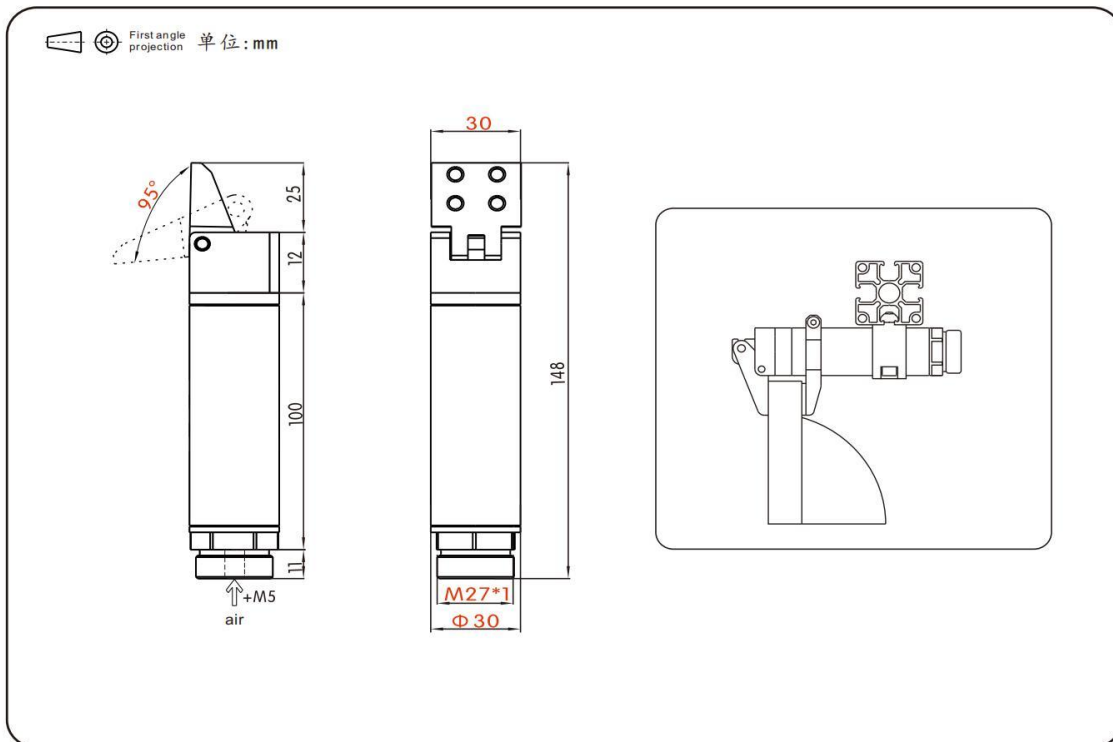
活塞孔: 25mm

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	4.56cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
重量 Weight	185g
进气孔 Air inlet	G1/8

单动拨指 Finger gripper

GSR14-95G

Piston bore:10mm.

Single acting.

Optional magnetic sensors.

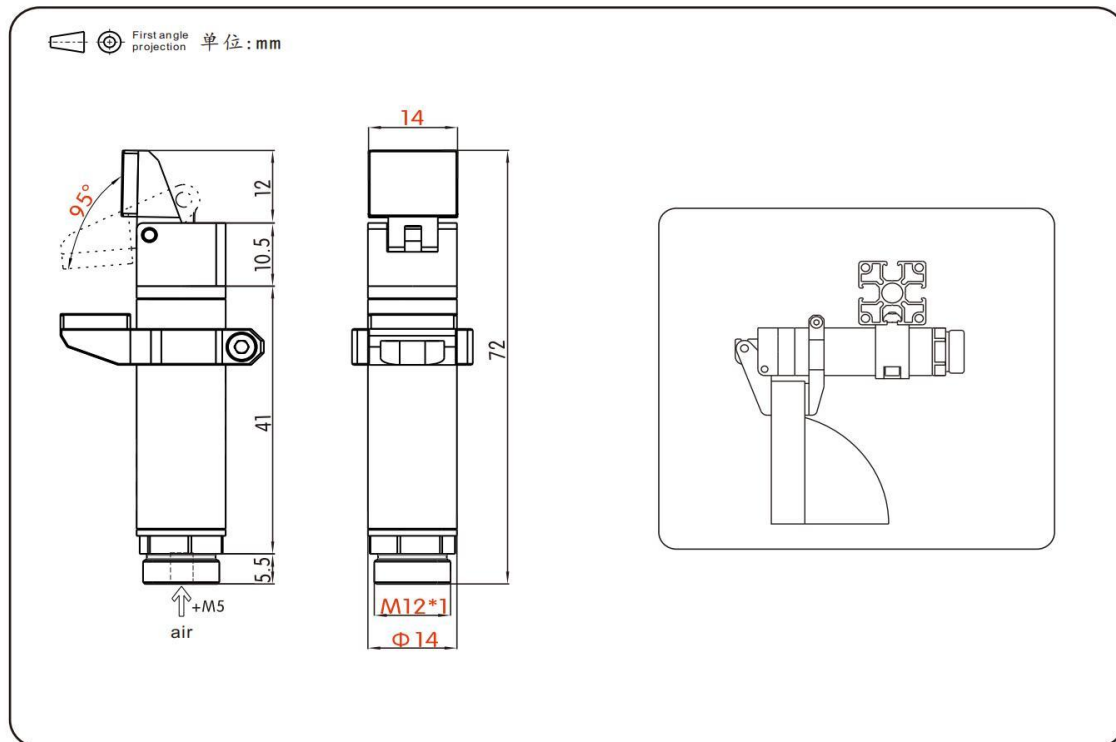
Silicone padS.

活塞孔: 10mm

单一动作

可选的磁传感器

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	19N/cm
重量 Weight	32g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95G

Piston bore: 16mm.

Single acting.

Optional magnetic sensors.

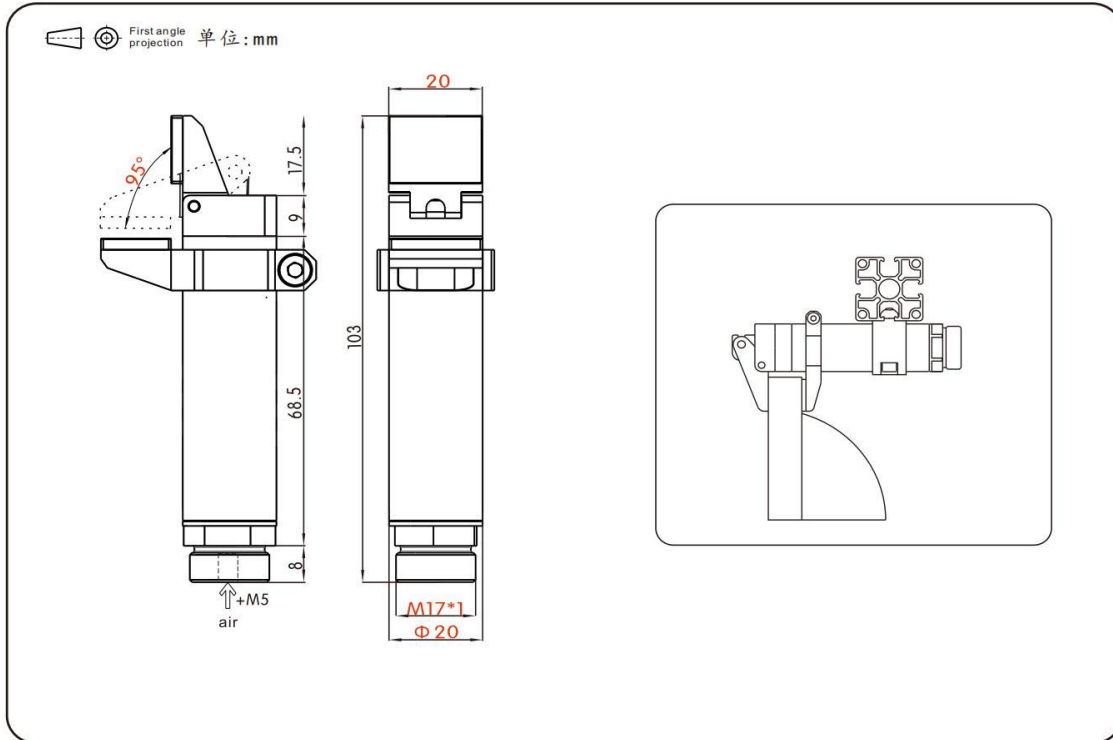
Silicone padS.

活塞孔: 16mm

单一动作

可选的磁传感器

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	70g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR30-95G

Piston bore: 25mm.

活塞孔: 25mm

Single acting.

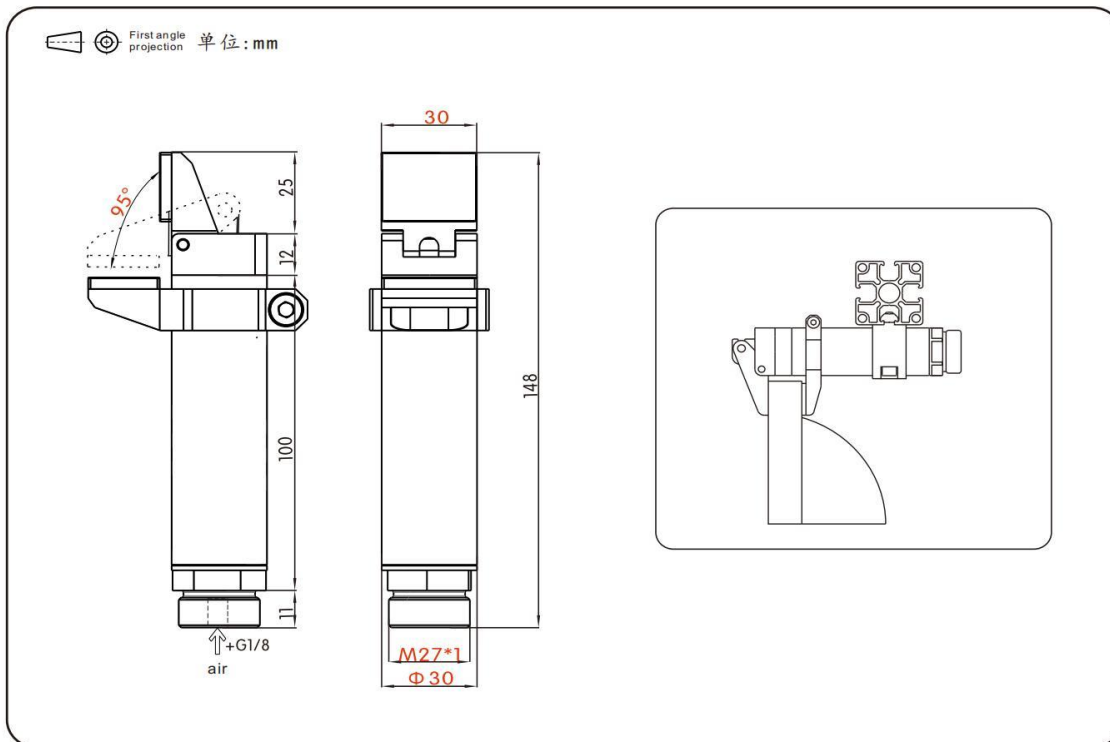
单一动作

Optional magnetic sensors.

可选的磁传感器

Silicone padS.

硅胶垫



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	4.56cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	300N/cm
重量 Weight	200g
进气孔 Air inlet	G1/8

单动拨指 Finger gripper

GSR14-95L

Piston bore:10mm.

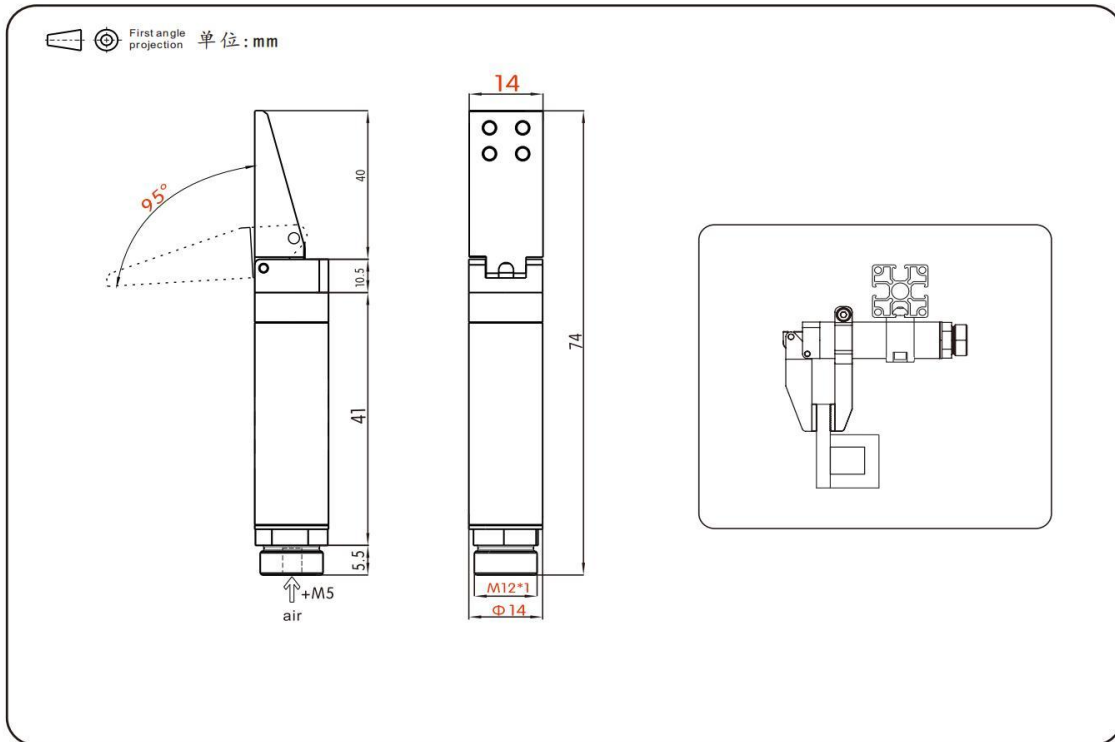
Single acting.

Optional magnetic sensors.

活塞孔: 10mm

单一动作

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	19N/cm
重量 Weight	28g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR14-95LG

Piston bore:10mm.

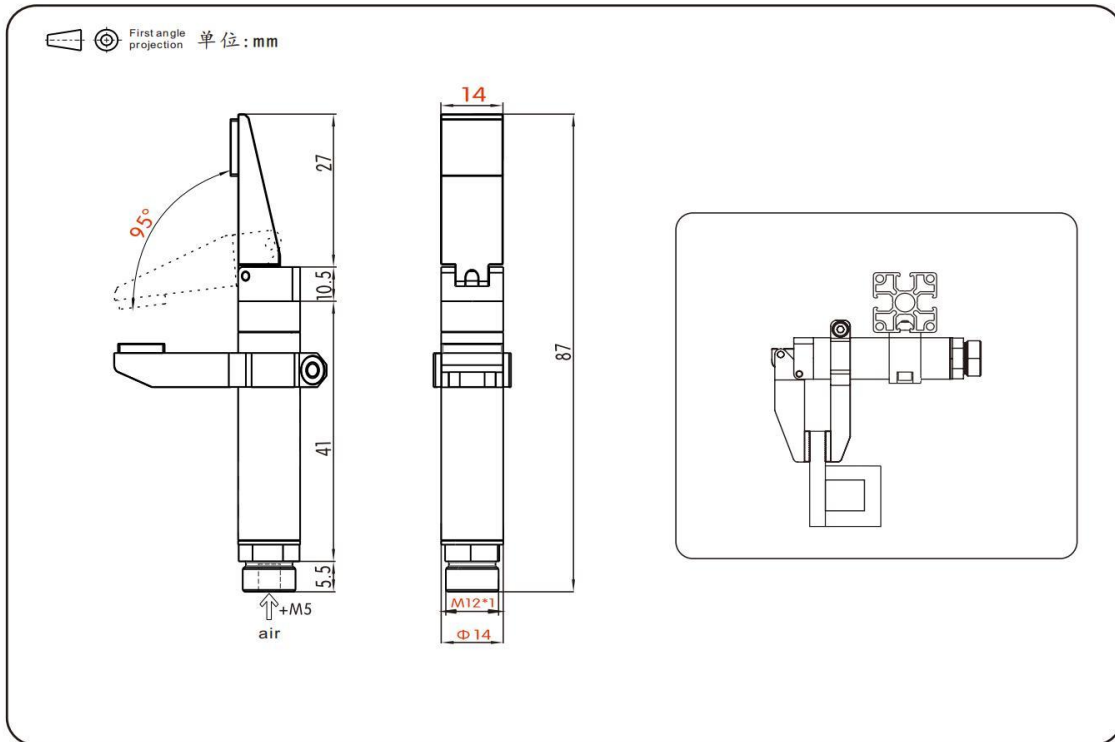
活塞孔: 10mm

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	1cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	19N/cm
重量 Weight	37g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95L

Piston bore: 16mm.

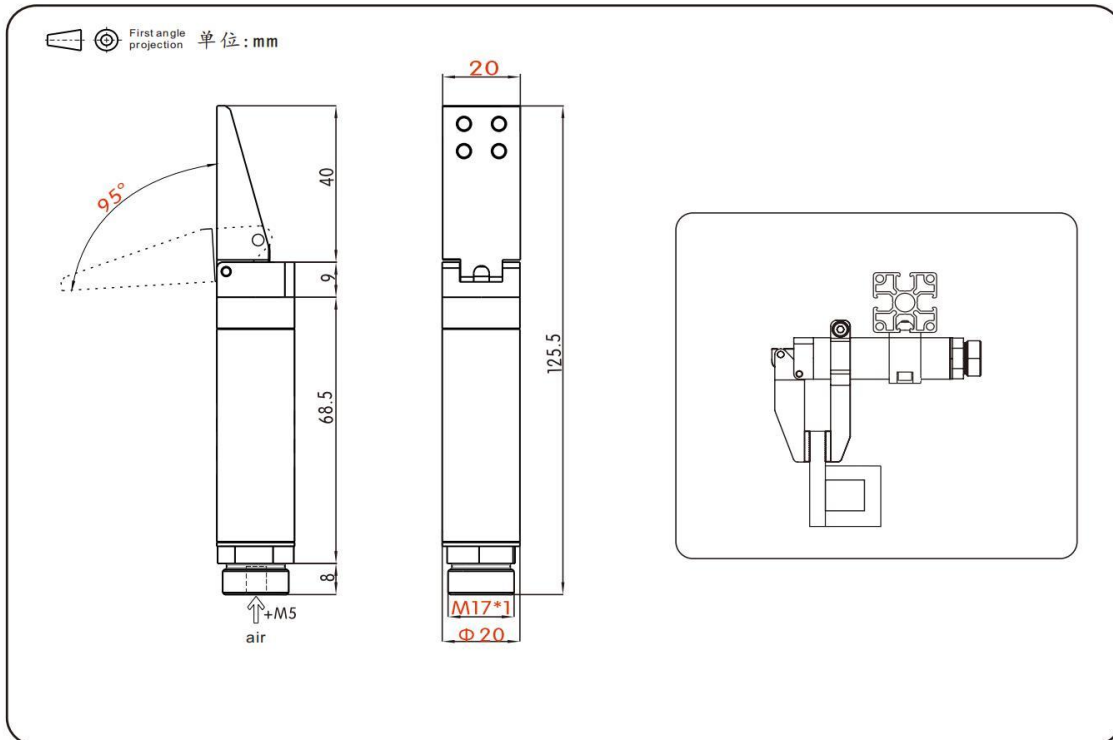
活塞孔: 16mm

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	65g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95LG

Piston bore: 16mm.

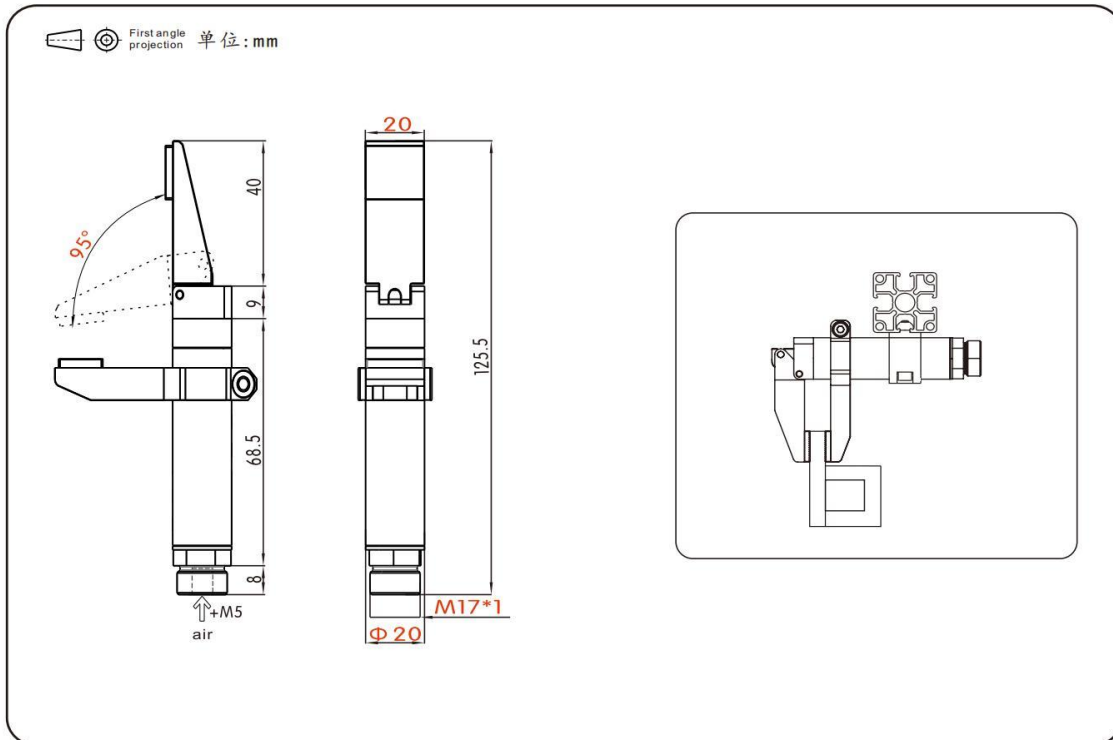
活塞孔: 16mm

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	75g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95S

Piston bore:16mm.

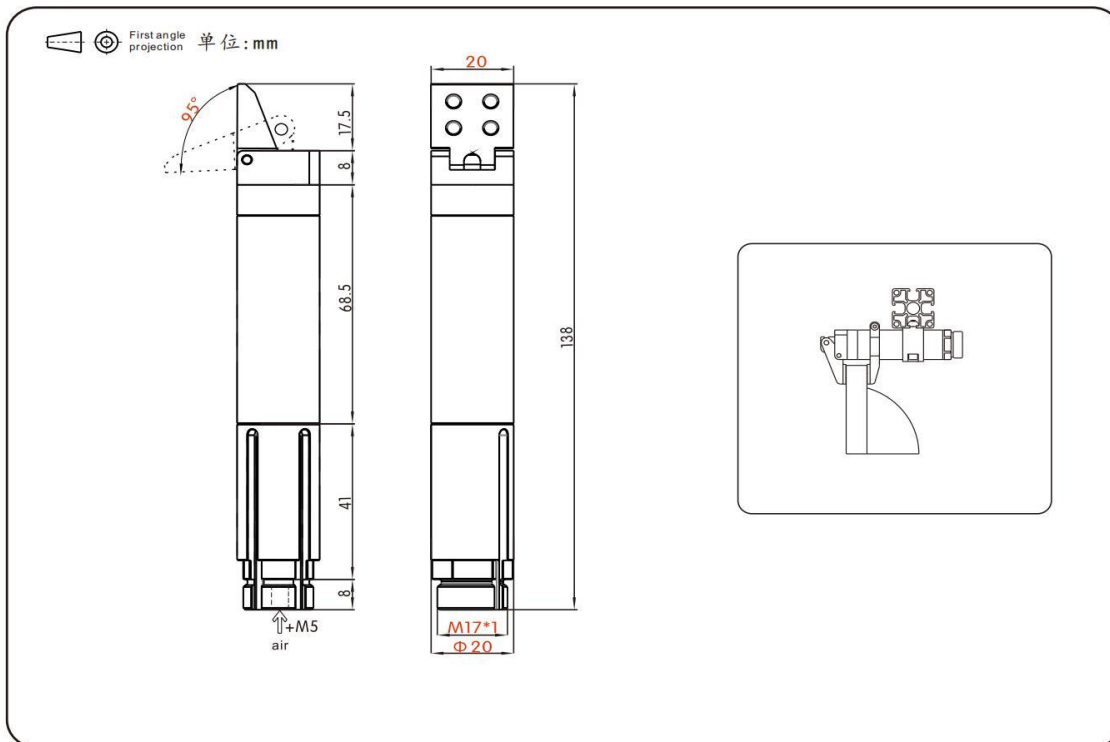
Single acting.

Optional magnetic sensors.

活塞孔: 16

单一动作

可选的磁传感器



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	92g
进气孔 Air inlet	M5

单动拨指 Finger gripper

GSR20-95SG

Piston bore: 16mm.

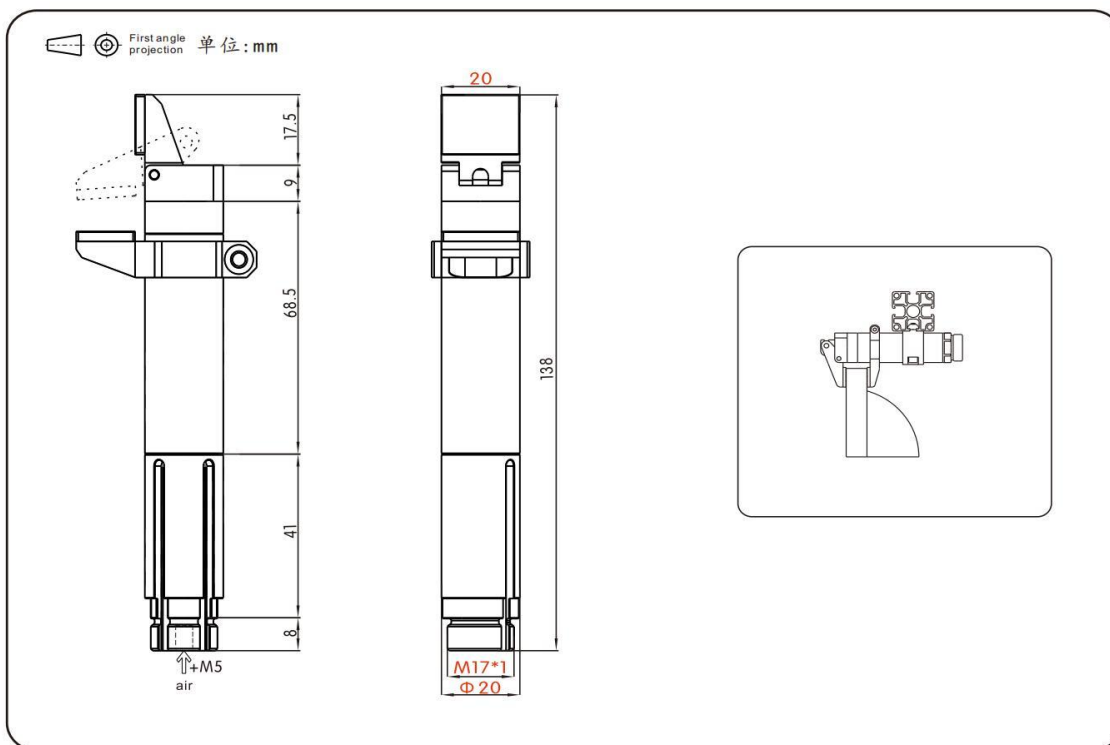
活塞孔: 16

Single acting.

单一动作

Optional magnetic sensors.

可选的磁传感器

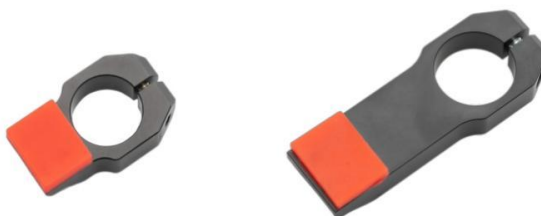
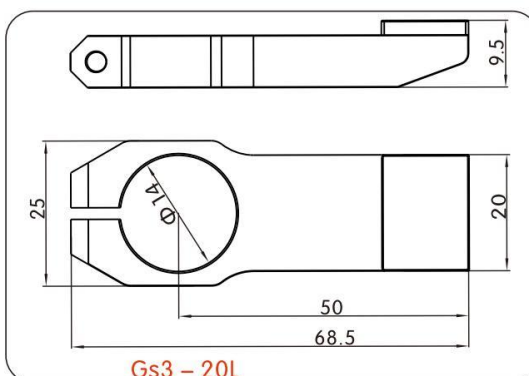
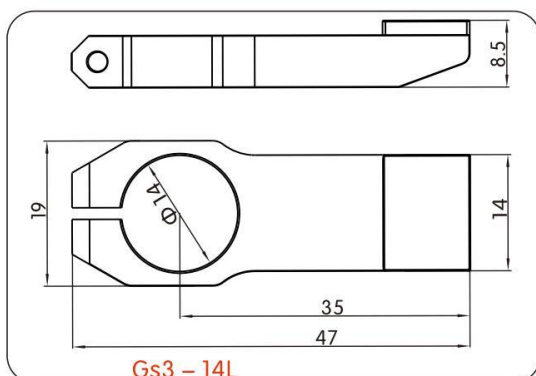
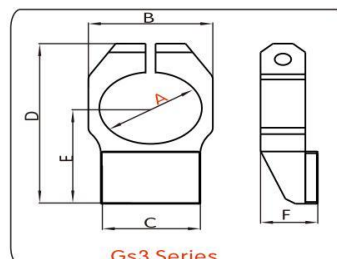
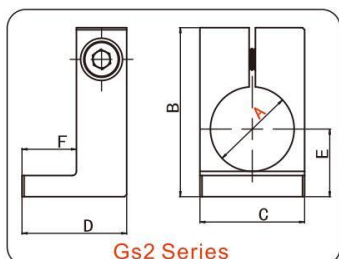
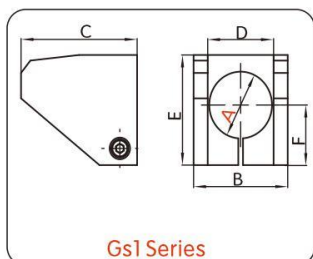


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	95°
最大工作频率 Maximum working frequency	3Hz
循环空气消耗量 Cycle air consumption	3.52cm ³
空载关闭时间 Closing time without load	0.01s
闭合扭矩 (气压6bar) Closing gripping torque	70N/cm
重量 Weight	100g
进气孔 Air inlet	M5

单动拨指 Finger gripper

Finger Gripper Options 拨指选件

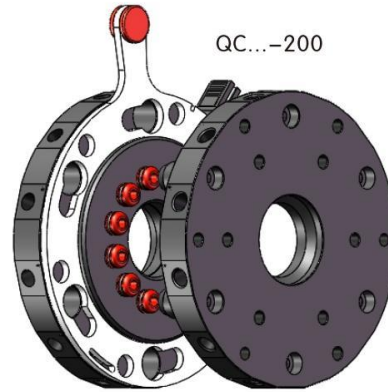
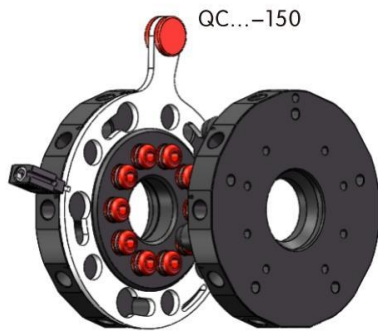
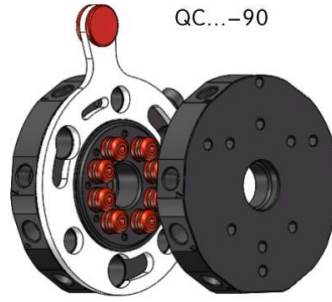
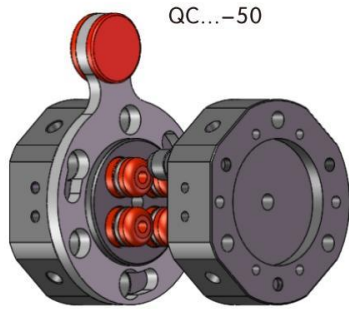
First angle projection 单位: mm



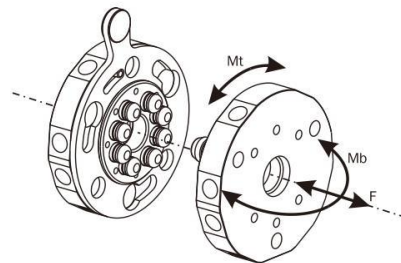
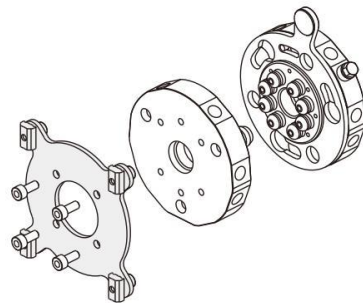
Model	A	B	C	D	E	F	Weight
GS1-20	Φ 20	30	37	21	33	15	20g
GS1-30	Φ 30	45	65	32	44	20	60g
GS2-14	Φ 14	24	19	12	11	6	5g
GS2-20	Φ 20	35	25	25	16	13	14g
GS2-30	Φ 30	45	35	25	21	13	23g
GS3-14	Φ 14	19	14	32	19	10	6g
GS3-20	Φ 20	25	20	43.5	27.5	9.5	12g
GS3-30	Φ 30	37	30	63	40	12	30g
GS3-14L							15g
GS3-20L							25g

手动快换 Quick changer

Quick changer 手动快换



运用示范
Application example



QC-R

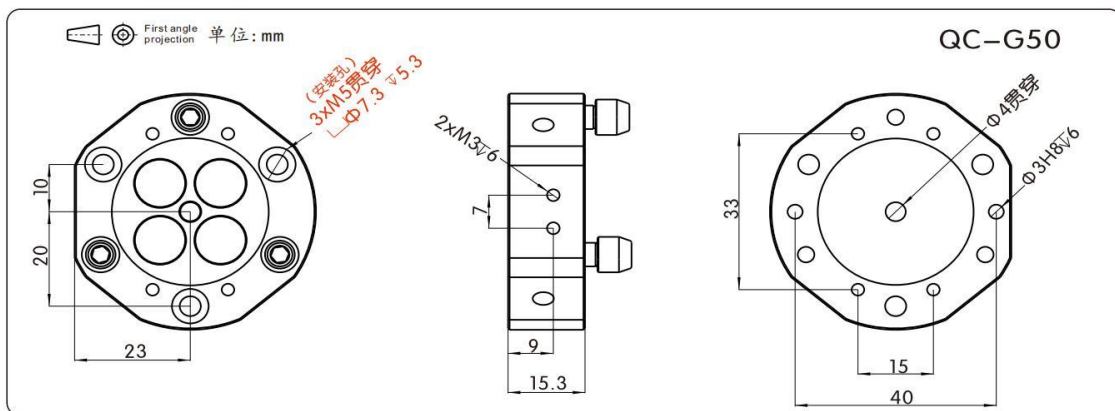
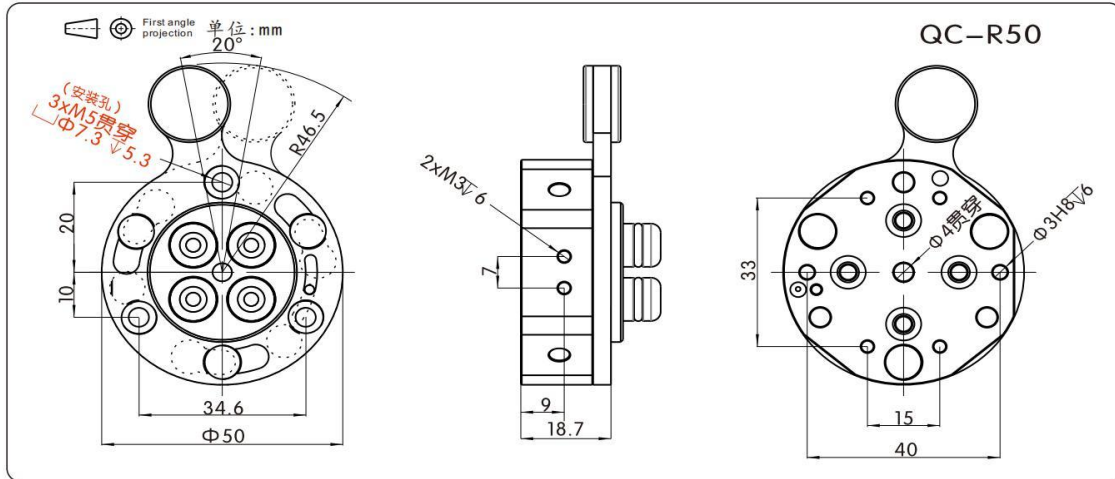
QC-G

手动快换 Quick changer

QC-50

Quick EOAT replacement.
 4 pneumatic connections.
 Suitable also with vacuum ports.
 Robot side and gripper side are two parts.
 Provide 9 electrical connections.

快速的更换EOAT.
 4个气路.
 真空同样适用.
 机械手侧和夹具侧是两个产品.
 可附加9pin电气连接插头.



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	15N/m
轴向扭矩 Mt	30N/m
垂直拉力 F	150N
进气孔 Air inlet	M5
重量 Weight	QC-R50 103g
	QC-G50 65g

手动快换 Quick changer

QC-R50S

Quick EOAT replacement.

4 pneumatic connections.

Suitable also with vacuum ports.

Robot side and gripper side are two parts.

Provide 9 electrical connections.

Safety locking.

快速的更换EOAT.

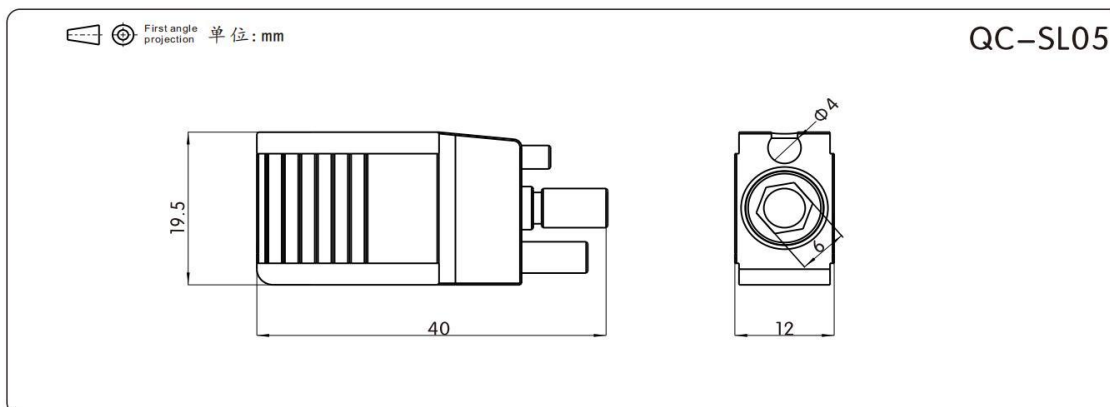
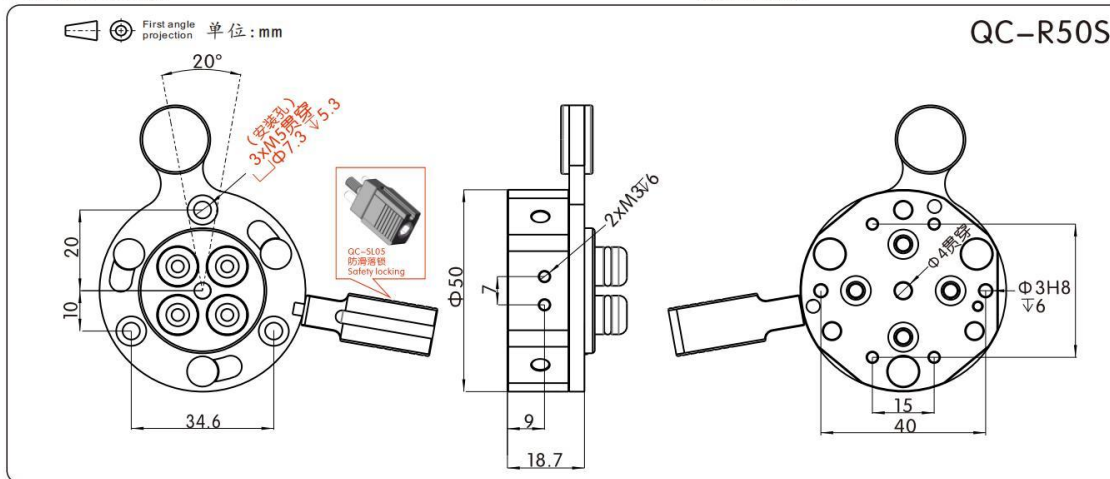
4个气路.

真空同样适用.

机械手侧和夹具侧是两个产品.

可附加9pin电气连接插头.

防滑落锁.



介质 Medium	压缩空气 Compressed air	
压力范围 Pressure range	2.5~8bar	
温度范围 Temperature range	5° ~ 60°	
径向扭矩 Mb	15N/m	
轴向扭矩 Mt	30N/m	
垂直拉力 F	150N	
进气孔 Air inlet	M5	
重量 Weight	QC-R50S	113g
	QC-SL05	10g

手动快换 Quick changer

QC-R50Y

Quick EOAT replacement.

4 pneumatic connections.

Suitable also with vacuum ports.

Robot side and gripper side are two parts.

Provide 9 electrical connections.

Safety locking.

The robot side QCY unit cuts off the compressed air automatically during disengagement.

快速的更换EOAT.

4个气路.

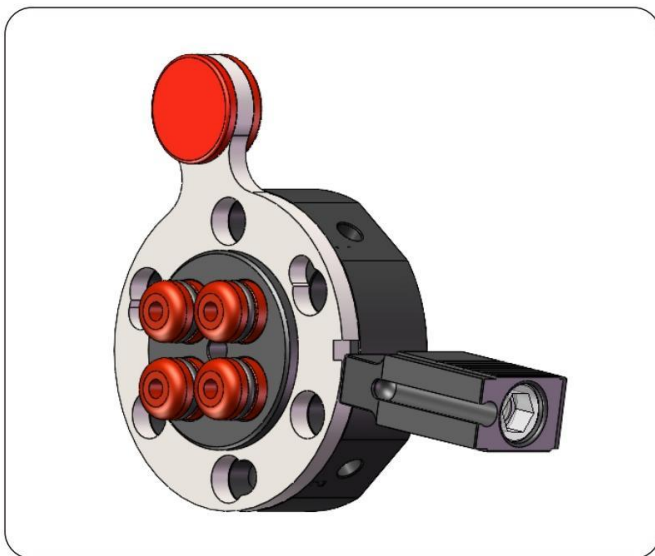
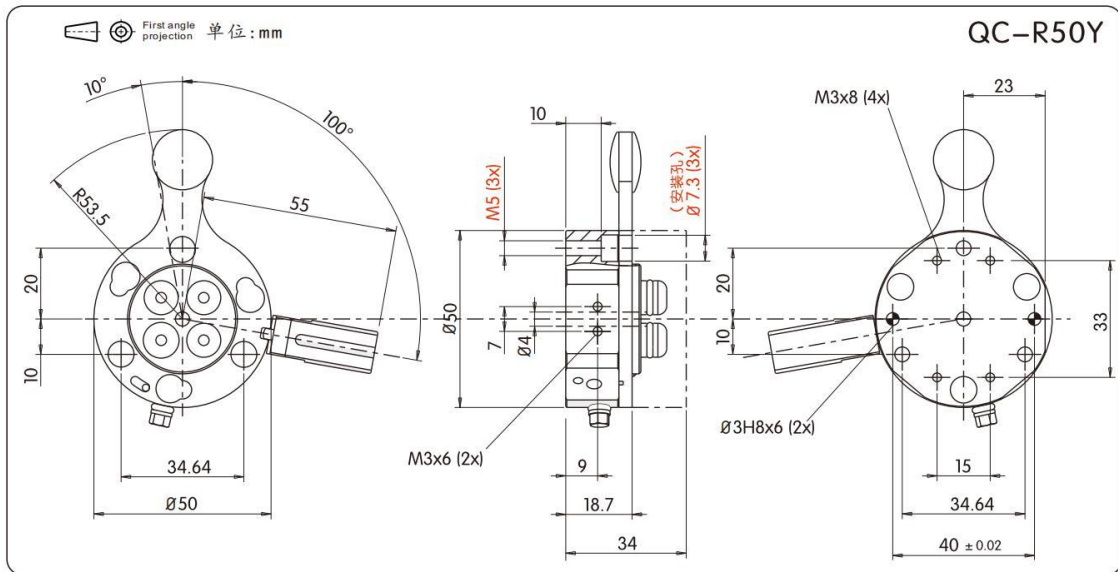
真空同样适用.

机械手侧和夹具侧是两个产品.

可附加9pin电气连接插头.

防滑落锁.

QC...Y:更换治具时,自动切断气源.



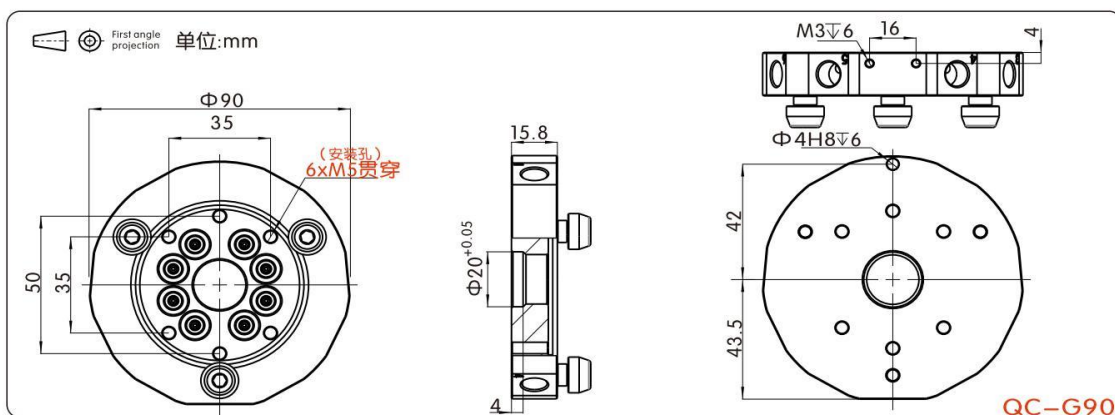
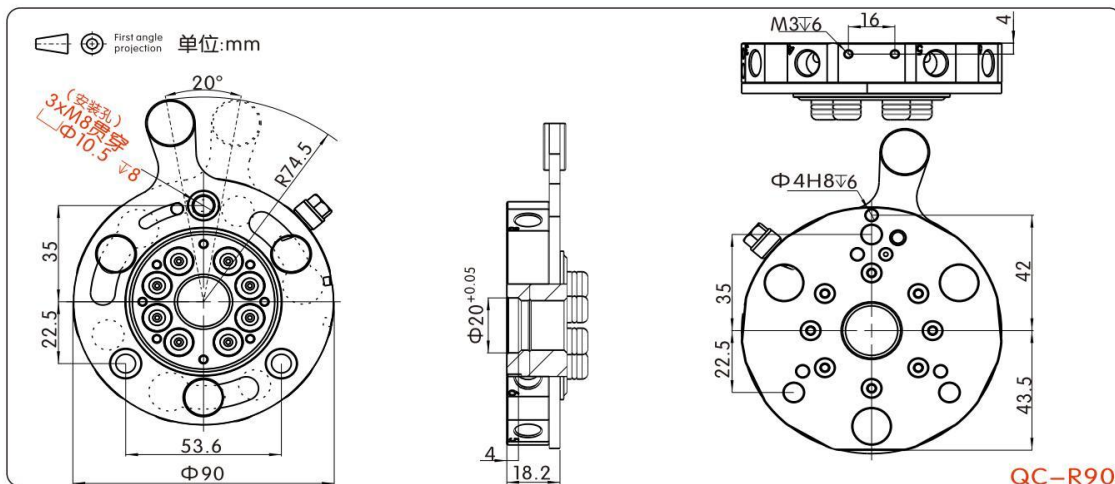
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	15N/m
轴向扭矩 Mt	30N/m
垂直拉力 F	150N
进气孔 Air inlet	M5
重量 Weight	135g

手动快换 Quick changer

QC-R90

Quick EOAT replacement.
 8 pneumatic connections.
 Suitable also with vacuum ports.
 Robot side and gripper side are two parts.
 Provide 9 electrical connections.

快速的更换EOAT.
 8个气路.
 真空同样适用.
 机械手侧和夹具侧是两个产品.
 可附加9pin电气连接插头.



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	100N/m
轴向扭矩 Mt	180N/m
垂直拉力 F	400N
进气孔 Air inlet	8xG1/8
重量 Weight	QC-R90 318g
	QC-G90 227g

手动快换 Quick changer

QC-R90S

Quick EOAT replacement.

快速的更换EOAT.

8 pneumatic connections.

8个气路.

Suitable also with vacuum ports.

真空同样适用.

Robot side and gripper side are two parts.

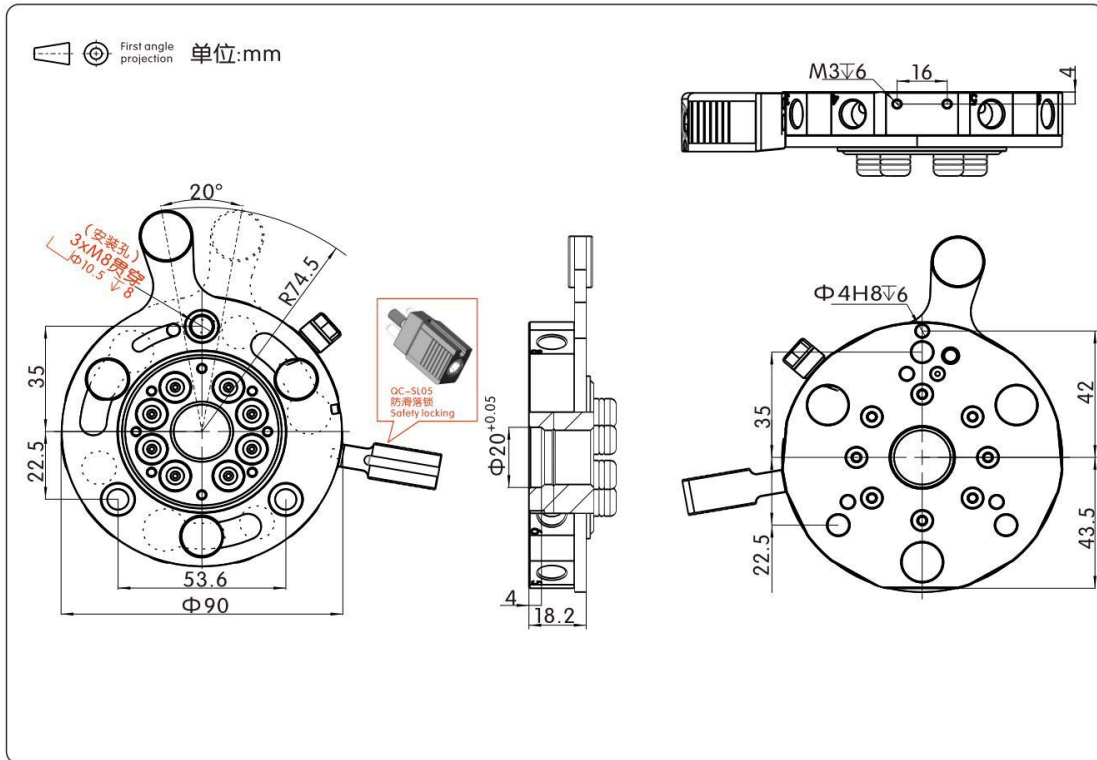
机械手侧和夹具侧是两个产品.

Provide 9 electrical connections.

可附加9pin电气连接插头.

Safety locking.

防滑落锁.



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	100N/m
轴向扭矩 Mt	180N/m
垂直拉力 F	400N
进气孔 Air inlet	8xG1/8
重量 Weight	QC-R90S 328g
	QC-S105 10g

手动快换 Quick changer

QC-R90Y

Quick EOAT replacement.

8 pneumatic connections.

Suitable also with vacuum ports.

Robot side and gripper side are two parts.

Provide 9 electrical connections.

Safety locking.

The robot side QCY unit cuts off the compressed air automatically during disengagement.

快速的更换EOAT.

8个气路.

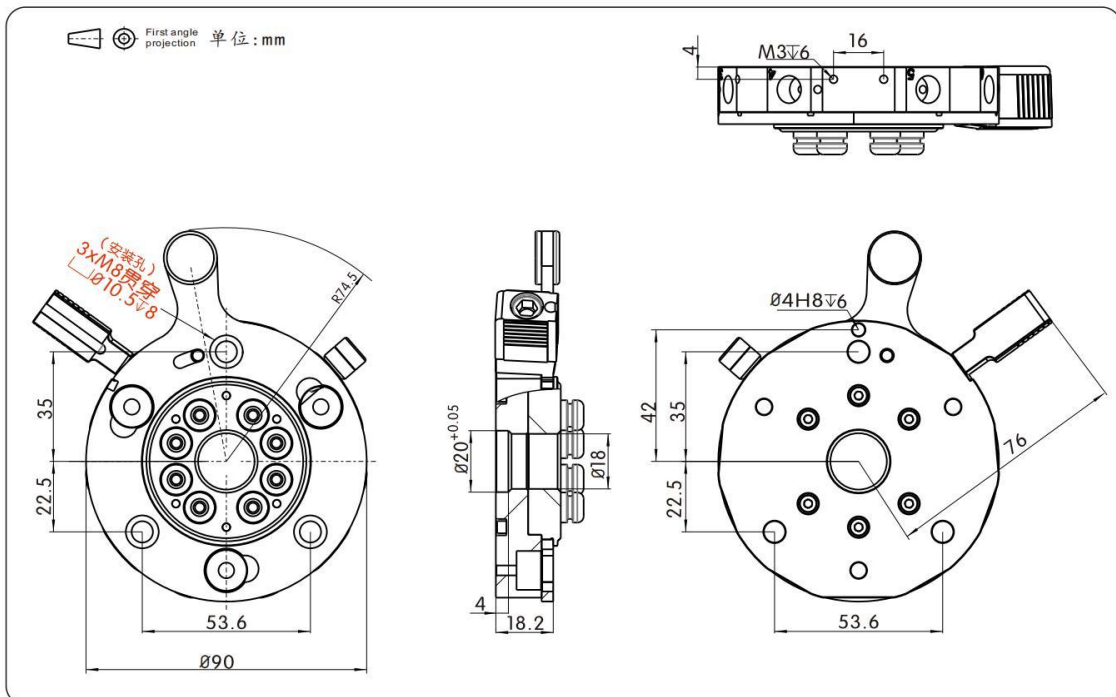
真空同样适用.

机械手侧和夹具侧是两个产品.

可附加9pin电气连接插头.

防滑落锁.

QC...Y:更换治具时,自动切断气源.



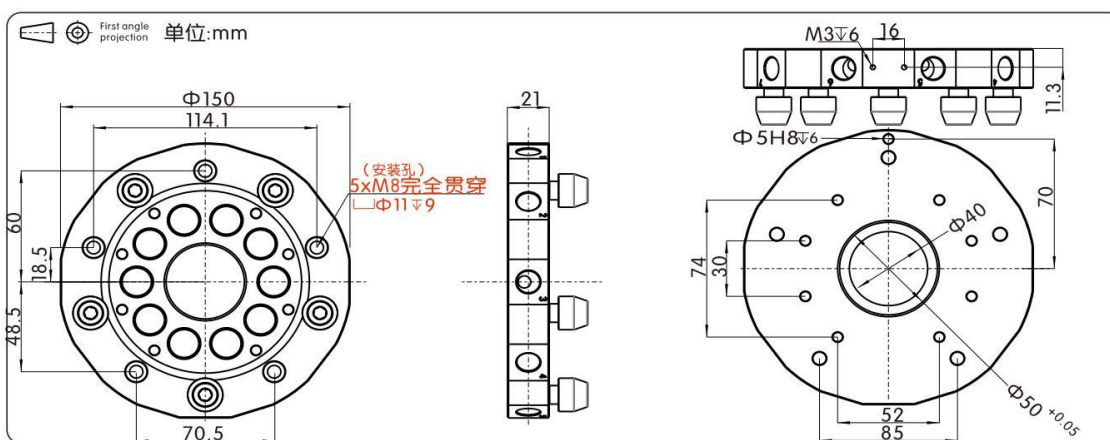
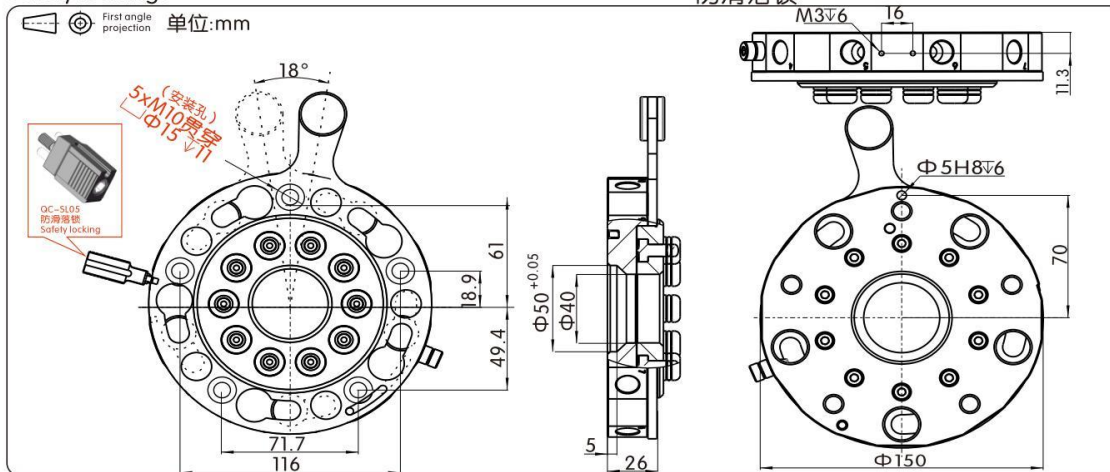
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	100N/m
轴向扭矩 Mt	180N/m
垂直拉力 F	400N
进气孔 Air inlet	8xG1/8
重量 Weight	340g

手动快换 Quick changer

QC-R150S

Quick EOAT replacement.
 10 pneumatic connections.
 Suitable also with vacuum ports.
 Robot side and gripper side are two parts.
 Provide 9 electrical connections.
 Safety locking.

快速的更换EOAT.
 10个气路.
 真空同样适用.
 机械手侧和夹具侧是两个产品.
 可附加9pin电气连接插头.
 防滑落锁



介质 Medium	压缩空气 Compressed air	
压力范围 Pressure range	2.5~8bar	
温度范围 Temperature range	5° ~ 60°	
径向扭矩 Mb	350N/m	
轴向扭矩 Mt	600N/m	
垂直拉力 F	3000N	
进气孔 Air inlet	10xG1/4	
重量 Weight	QC-R150	1123g
	QC-G150	827g

手动快换 Quick changer

QC-R150Y

Quick EOAT replacement.

10 pneumatic connections.

Suitable also with vacuum ports.

Robot side and gripper side are two parts.

Provide 9 electrical connections.

Safety locking.

The robot side QCY unit cuts off the compressed air automatically during disengagement.

快速的更换EOAT.

10个气路.

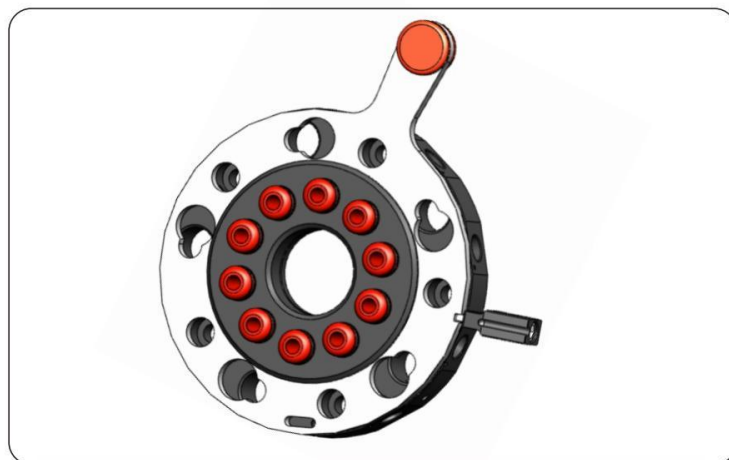
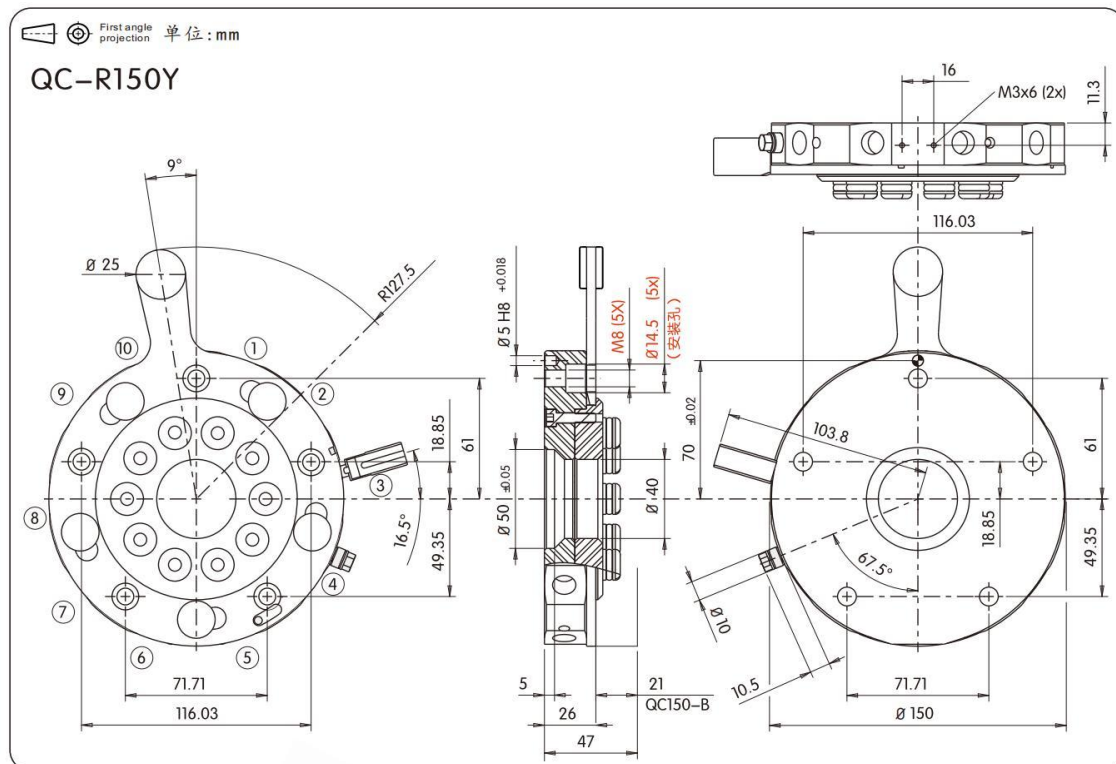
真空同样适用.

机械手侧和夹具侧是两个产品.

可附加9pin电气连接插头.

防滑落锁.

QC...Y:更换治具时,自动切断气源.



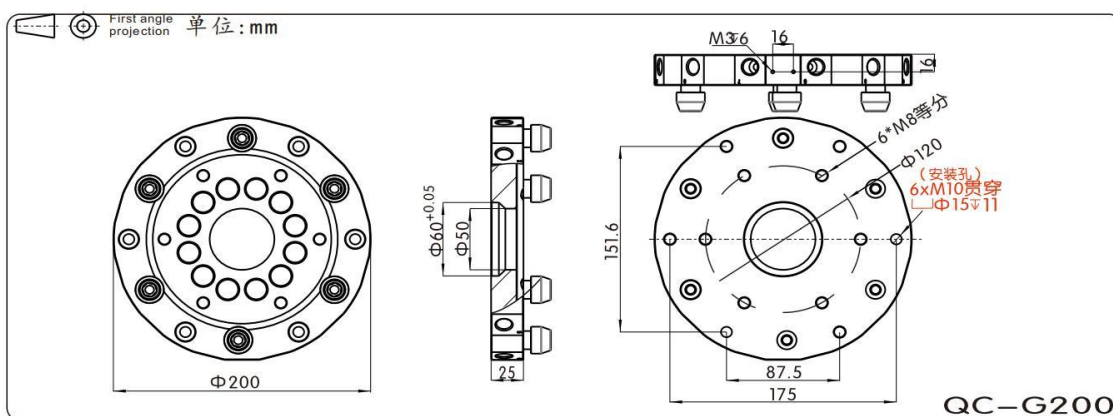
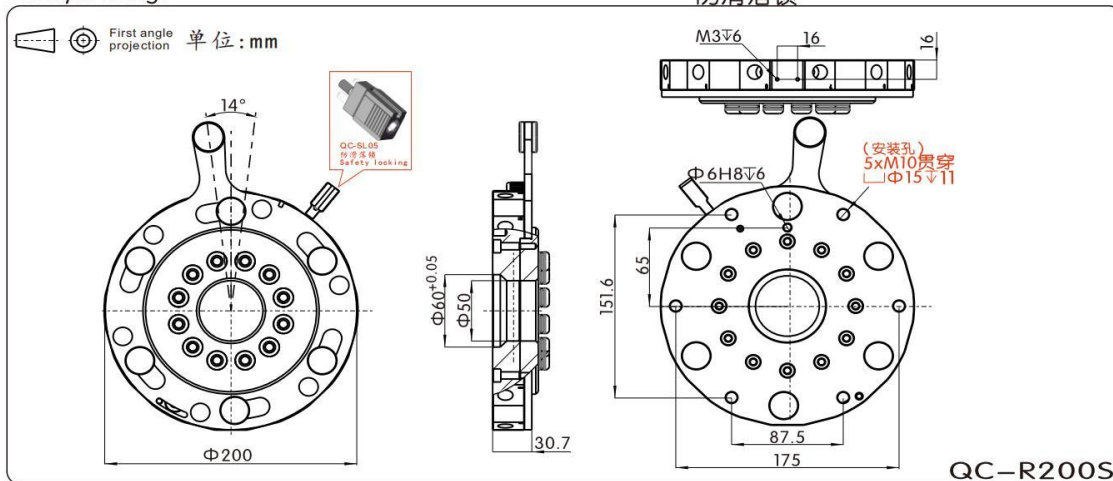
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	350N/m
轴向扭矩 Mt	600N/m
垂直拉力 F	3000N
进气孔 Air inlet	10XG1/4
重量 Weight	1135g

手动快换 Quick changer

QC-R200S

Quick EOAT replacement.
 12 pneumatic connections.
 Suitable also with vacuum ports.
 Robot side and gripper side are two parts.
 Provide 9 electrical connections.
 Safety locking.

快速的更换EOAT.
 12个气路.
 真空同样适用.
 机械手侧和夹具侧是两个产品.
 可附加9pin电气连接插头.
 防滑落锁



介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	2500N/m
轴向扭矩 Mt	1350N/m
垂直拉力 F	9000N
进气孔 Air inlet	12xG1/4
重量 Weight	QC-R200S 2640g
	QC-G200 1890g

手动快换 Quick changer

QC-R200Y

Quick EOAT replacement.

12pneumatic connections.

Suitable also with vacuum ports.

Robot side and gripper side are two parts.

Provide 9 electrical connections.

Safety locking.

The robot side QCY unit cuts off the compressed air automatically during disengagement.

快速的更换EOAT.

12个气路.

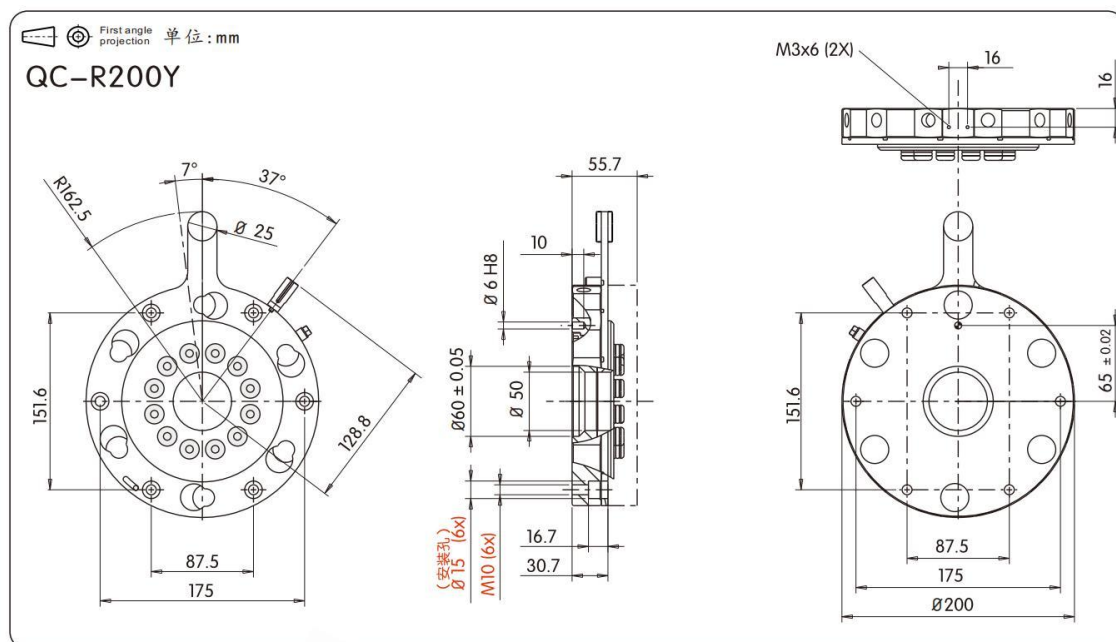
真空同样适用.

机械手侧和夹具侧是两个产品.

可附加9pin电气连接插头.

防滑落锁.


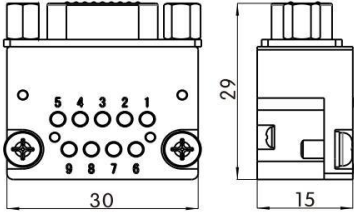
QC...Y:更换治具时,自动切断气源.





介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
径向扭矩 Mb	1350N/m
轴向扭矩 Mt	2500N/m
垂直拉力 F	9000N
进气孔 Air inlet	12XG1/4
重量 Weight	2750g

手动快换 Quick changer


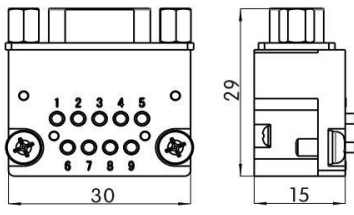
配件：电气连接组件
Fitting:Electrical connection module



型号 Model	QCE-9R
I/O连接类型 I/O connection type	9针 D-SUB 9pins D-SUB
工作电流 Working Current	MAX 3A
重量 Weight	24g

型号 Model	L-9R-1000
I/O连接类型 I/O connection type	9针 D-SUB 9pins D-SUB
工作电流 Working Current	MAX 3A
重量 Weight	24g

型号 Model	QCE-9G
I/O连接类型 I/O connection type	9针 D-SUB 9pins D-SUB
工作电流 Working Current	MAX 3A
重量 Weight	24g

型号 Model	L-9G-1000
I/O连接类型 I/O connection type	9针 D-SUB 9pins D-SUB
工作电流 Working Current	MAX 3A
重量 Weight	24g



手动快换 Quick changer

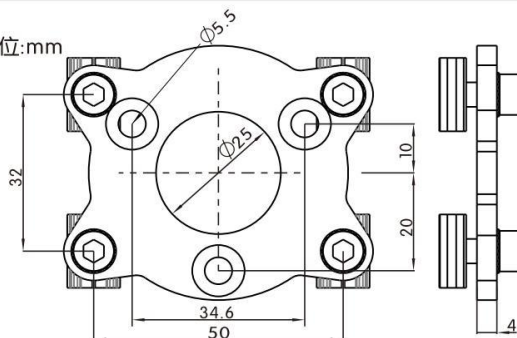
快速连接板（夹具侧）

Interface(gripper side)



First angle projection

单位:mm

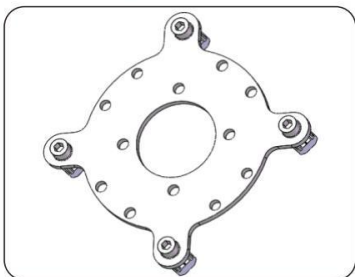


Model Weight

GSIP-G50 90g

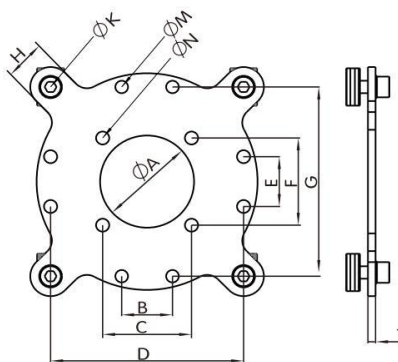
快速连接板（夹具侧）

Interface(gripper side)



First angle projection

单位:mm



Model A B C D E F G H M N K T Weight

GSIP-G90 37 20 35 76 20 35 76 16 5 5.2 5.3 3 190g

GSIP-G150 70 20 74 130 20 52 110 24 5 6.2 5.3 4 540g

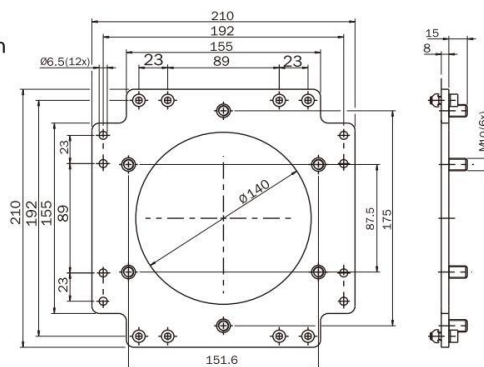
快速连接板（夹具侧）

Interface(gripper side)



First angle projection

单位:mm



Model Weight

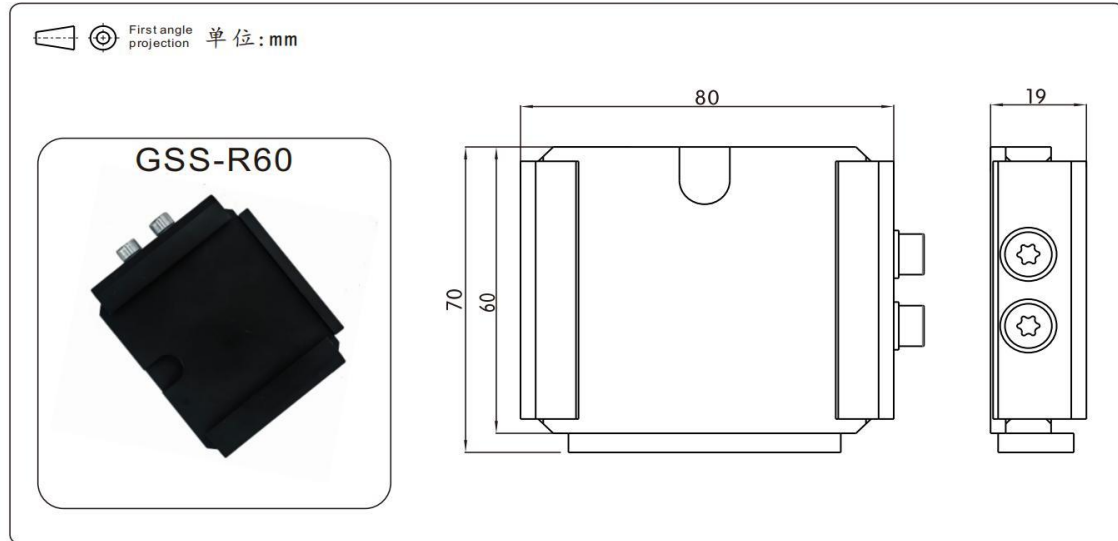
GSIP-G200 1850g

手动快换 Quick changer

GSS-60

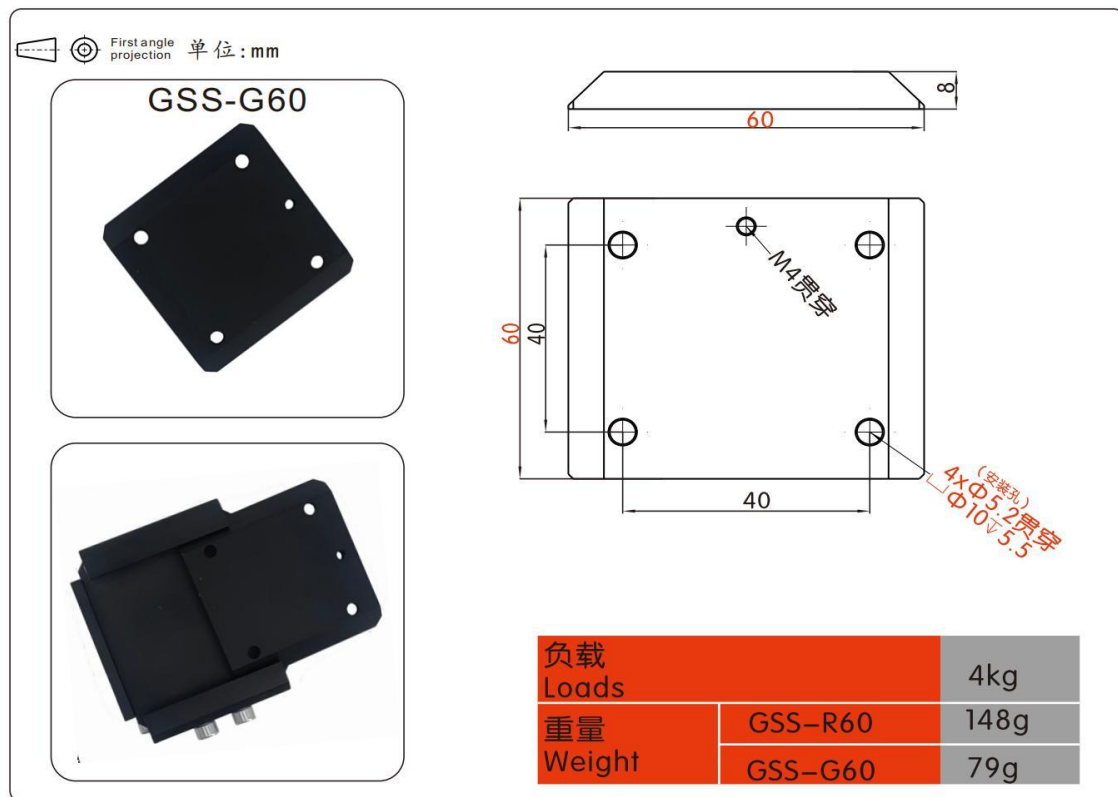
快速转换模块（机械手侧）

Quick changer(robot side)



快速转换模块（夹具侧）

Quick changer(gripper side)



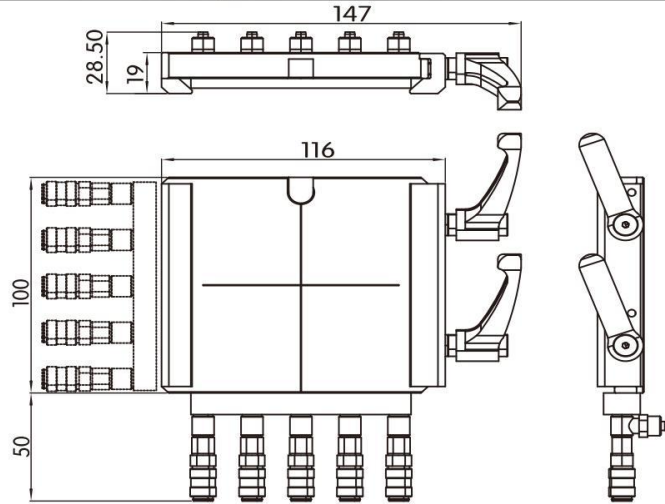
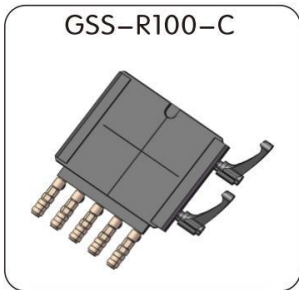
手动快换 Quick changer

GSS-100

快速转换模块（机械手侧）

Quick changer(robot side)

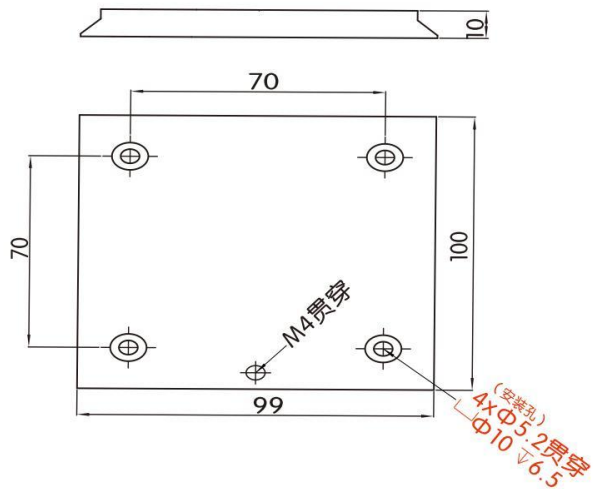
First angle projection 单位:mm



快速转换模块（夹具侧）

Quick changer(gripper side)

First angle projection 单位:mm



负载 Loads		10kg
重量 Weight	GSS-R100	1270g
	GSS-G100	270g

手动快换 Quick changer

GSS-160

快速转换模块（机械手侧）

Quick changer(robot side)

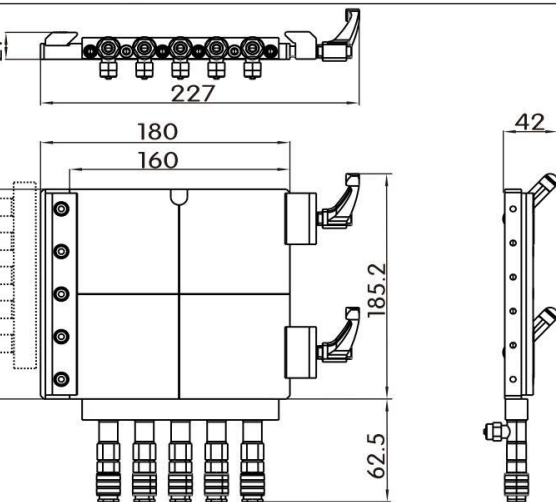
First angle projection 单位:mm



GSS-R160



GSS-R160C

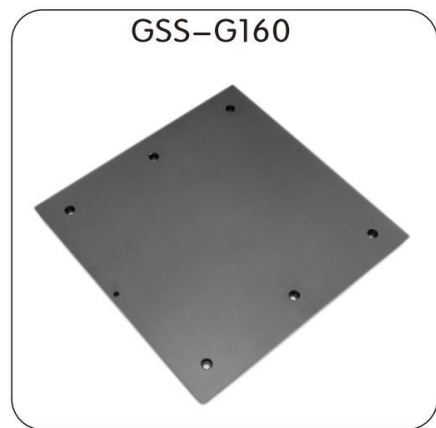


GSS-R160-F

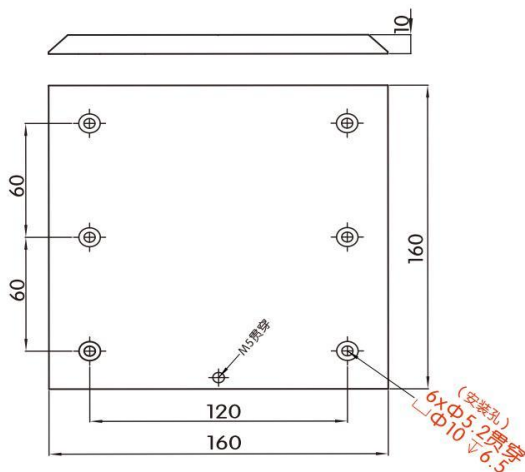
快速转换模块（夹具侧）

Quick changer(gripper side)

First angle projection 单位:mm



GSS-G160



负载 Loads		20kg
重量 Weight	GSS-R160	1650g
	GSS-G160	670g

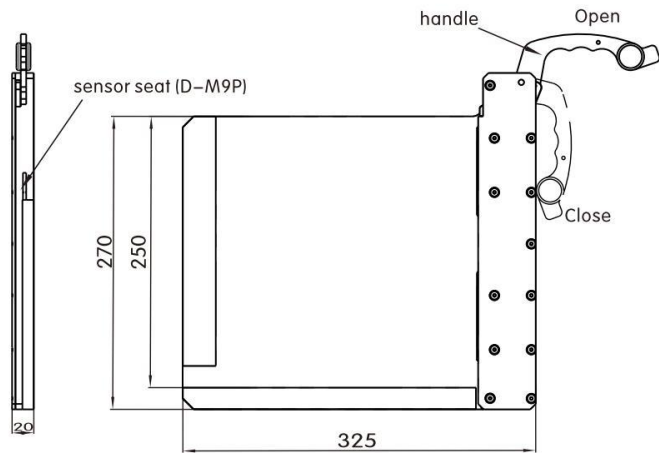
手动快换 Quick changer

GSS-250

快速转换模块（机械手侧）

Quick changer(robot side)

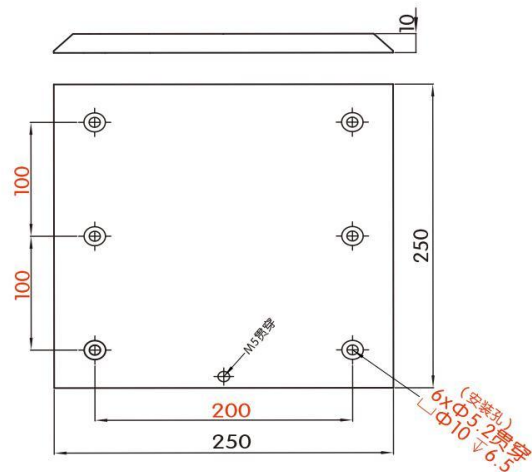
First angle projection 单位:mm



快速转换模块（夹具侧）

Quick changer(gripper side)

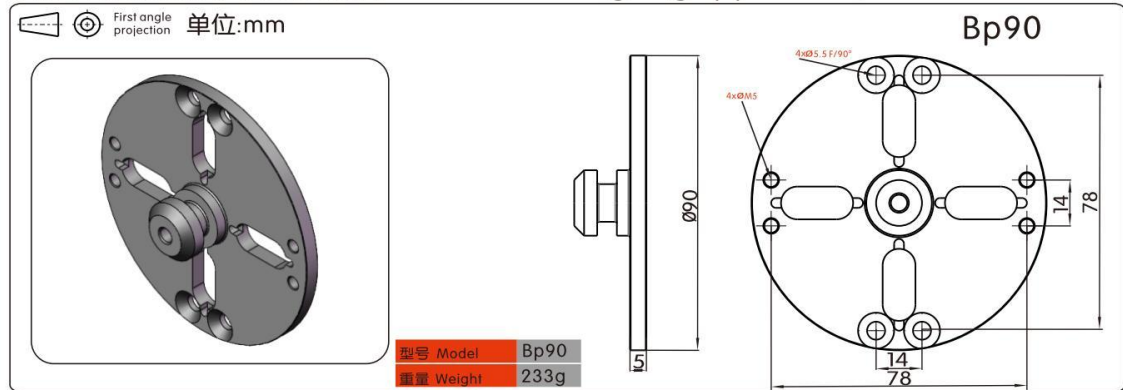
First angle projection 单位:mm



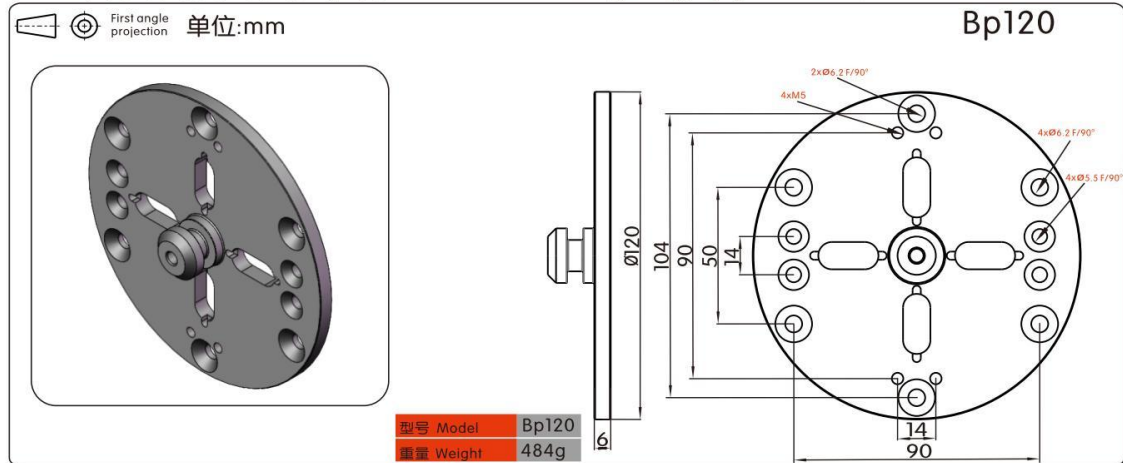
负载 Loads		40kg
重量 Weight	GSS-R250S	3720g
	GSS-G250	1600g

手动快换 Quick changer

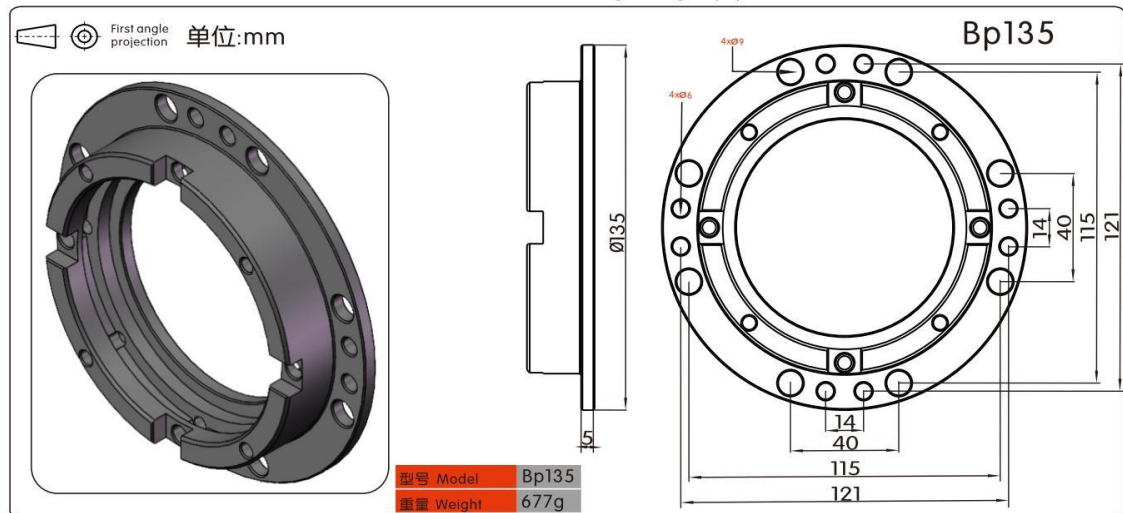
快速转换模块（夹具侧） Quick changer(gripper side)



快速转换模块（夹具侧） Quick changer(gripper side)



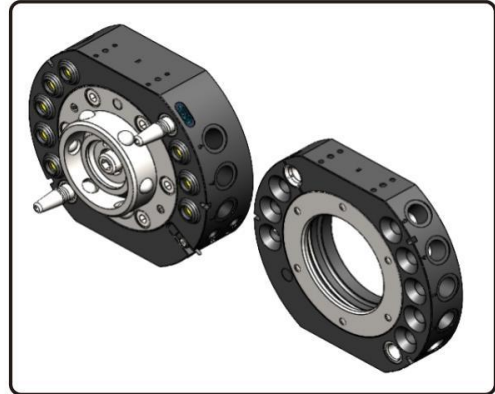
快速转换模块（夹具侧） Quick changer(gripper side)



工具快速转换装置

Robot Tool Changer

Series:GSA



GS-工具快速转换柔性装置为单台工业机器人实现多工位工作赋能，提升生产效率；
The GS-tool quick conversion flexible device enables a single industrial robot to work at multiple stations, improving production efficiency;

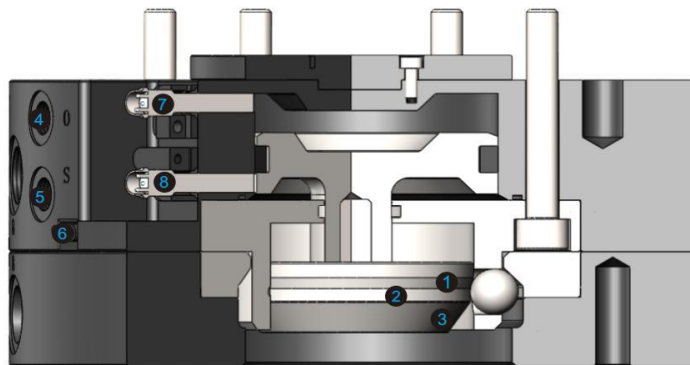
功能机构全部采用高强度钢，保障安全；
All functional mechanisms are made of high-strength steel to ensure safety;

阶梯式钢球锁紧，防止意外断电，断气导致工具掉落；
Step steel ball locking, prevent accidental power failure, gas loss caused by tool drop;

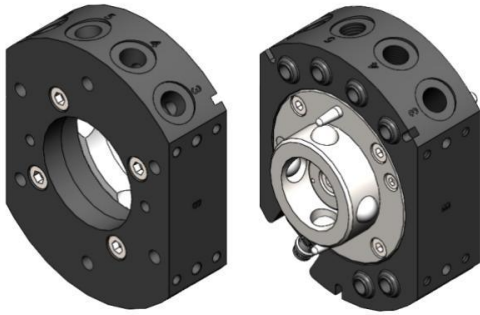
可附加安装各类型电路，气路，流体通道，增强实用性；
Additional installation of various types of circuits, gas, fluid channels, enhance practicability;

可选配传感器，实时监测快换装置状态。
Optional sensor, real-time monitoring of the status of the quick change device.

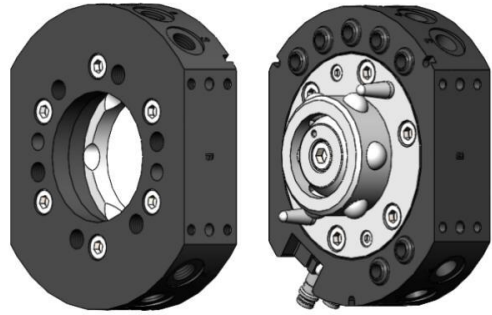
- ① 通气使活塞向上运动，将钢球拉至第二锥体，并产生极强的锁紧力；
Ventilation makes the piston move upward, pulling the ball to the second cone, and producing a strong locking force;
- ② 故障安全备用锥体
Fail-safe backup cone
- ③ 凸轮的第一个锥体
The first cone of the CAM
- ④ 锁紧
Air for lock
- ⑤ 打开
Air for unlock
- ⑥ 工具在位检测
Sensor for Tool
- ⑦ 活塞运动检测-锁紧
Sensor for lock
- ⑧ 活塞运动检测-打开
Sensor for unlock



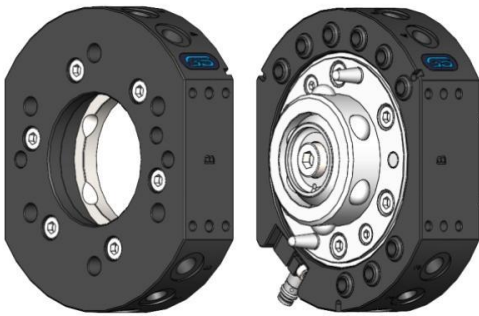
自动快换 automatic quick change



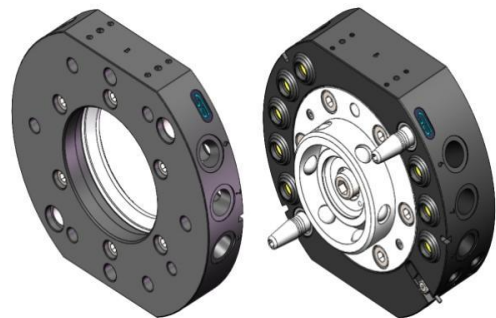
GSA-0025
负载: $\leq 25\text{kg}$



GSA-0035
负载: $\leq 35\text{kg}$

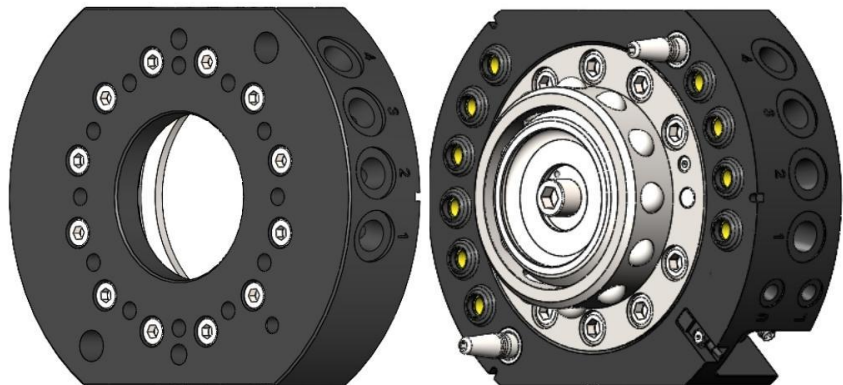


GSA-0050
负载: $\leq 50\text{kg}$



GSA-0100
负载: $\leq 100\text{kg}$

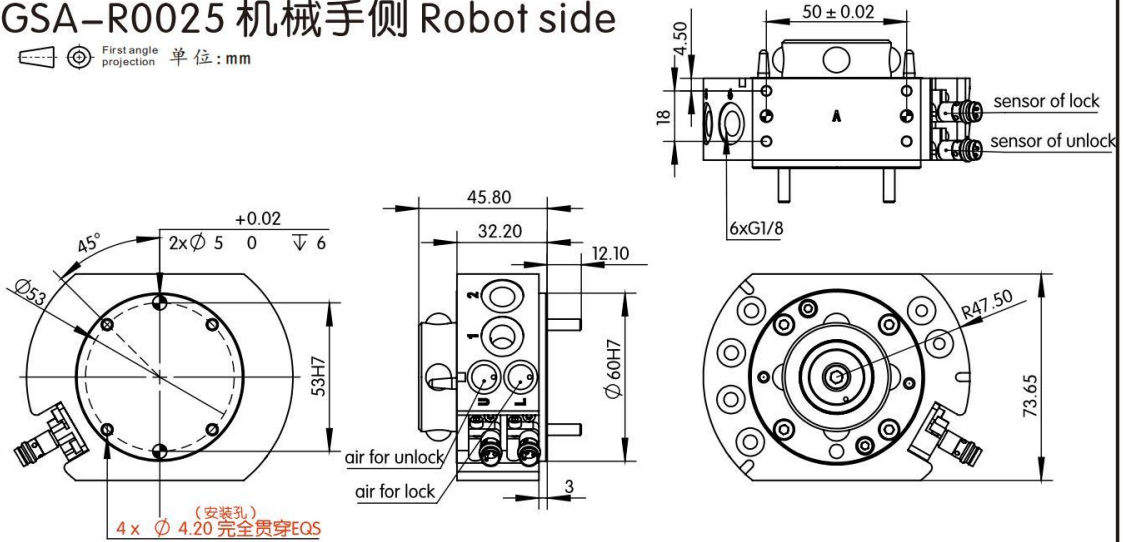
GSA-0200
负载: $\leq 200\text{kg}$



GSA-0025 自动快换 automatic quick change

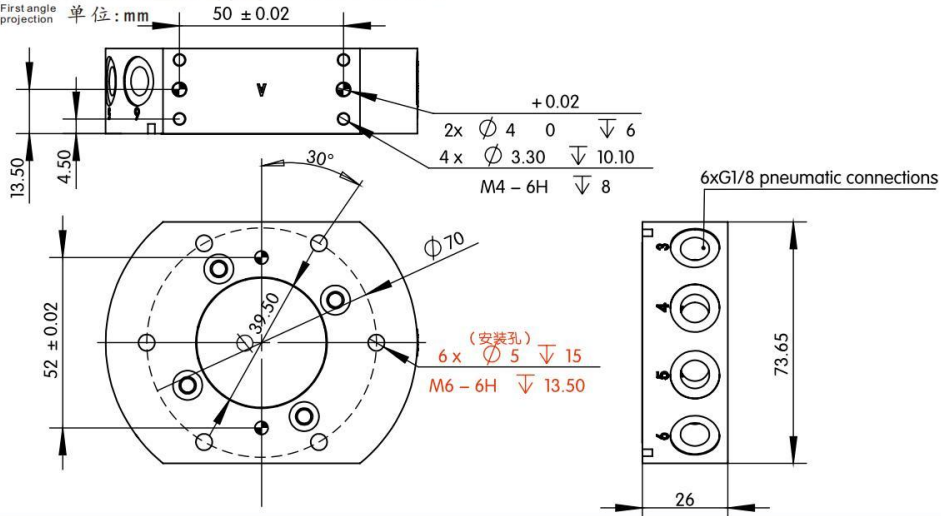
GSA-R0025 机械手侧 Robot side

First angle projection 单位: mm



GSA-G0025 治具侧 Tool side

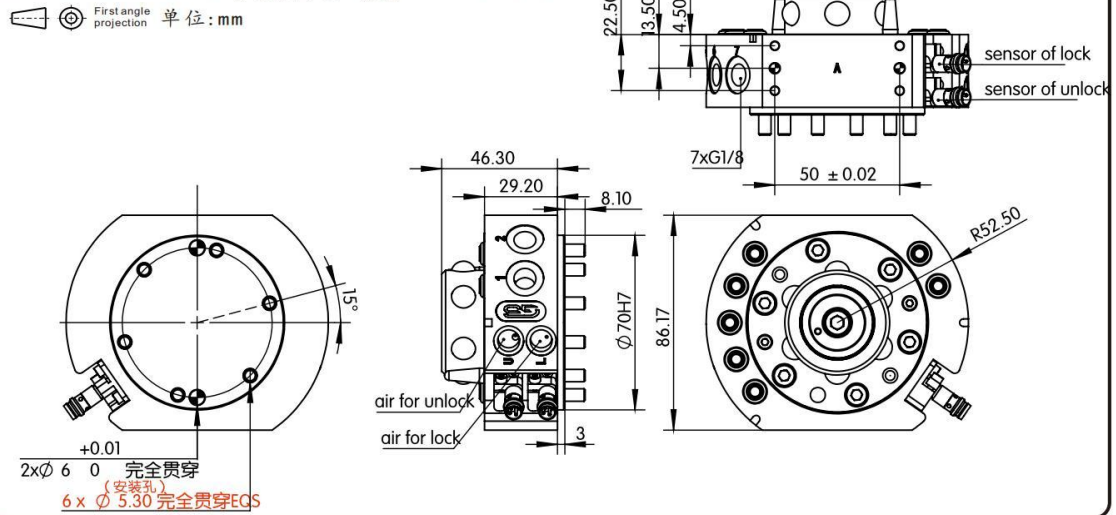
First angle projection 单位: mm



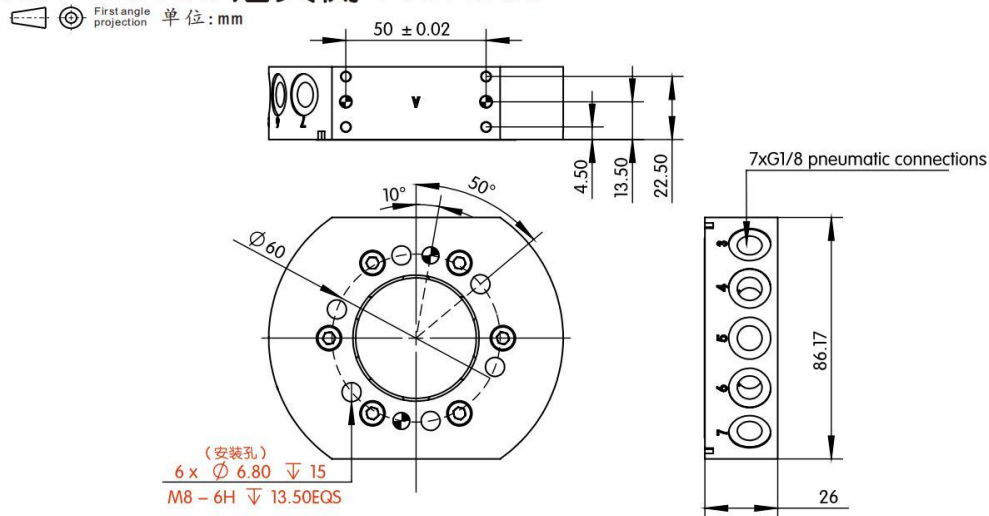
材质 Material	主体 Body	铝合金 AL alloy	型号 Model	机器人侧 Robot side	GSA-R0025
	功能机构 functional mechanisms	合金钢 Steel alloy		工具侧 Tool adapter	GSA-G0025
重量 Weight	机器人侧 Robot side	0.87kg	载荷 Load	负载 Recommended load	25kg
	工具侧 Tool adapter	0.55kg		锁紧力 Locking force	2300N
工作气压 Air pressure	0.5-0.8Mpa	静态承载力矩 Static Load torque (X&Y)		169.5Nm	
环境温度 Min./max. ambient temperature	5-60°	静态承载力矩 Static Load torque (Z)		230Nm	
环境湿度 Humidity	0-90%		位置重复精度 Repeatability accuracy	± 0.015mm	
气路通道 Air passage	6xG1/8		最大角度偏移 Maximum allowable angle deviation	± 1°	
打开、锁紧通道 Open、Lock	2xG1/8		最大锁紧距离 Max. distance when locking	2mm	

GSA-0035 自动快换 automatic quick change

GSA-R0035 机械手侧 Robot side



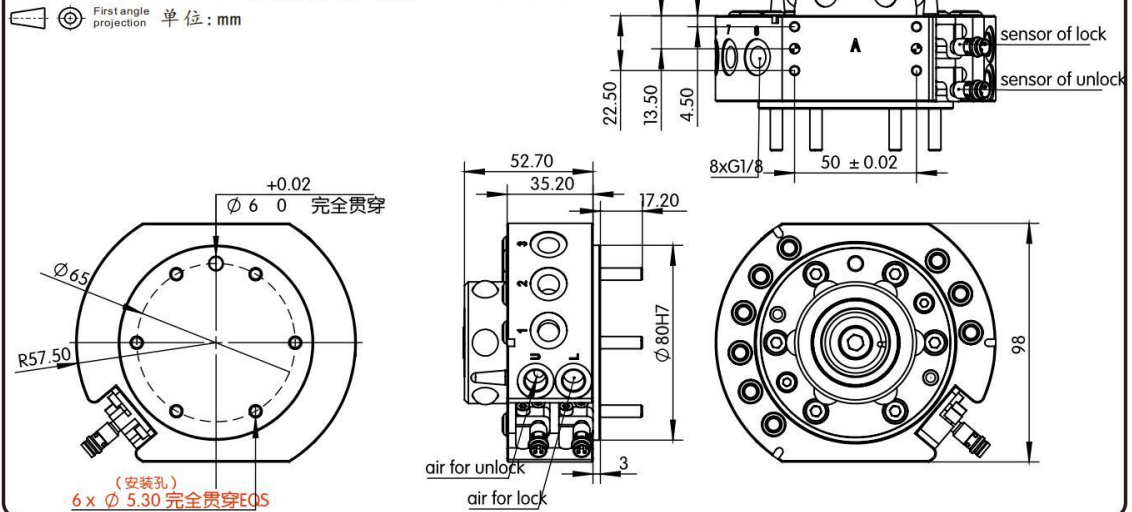
GSA-G0035 治具侧 Tool side



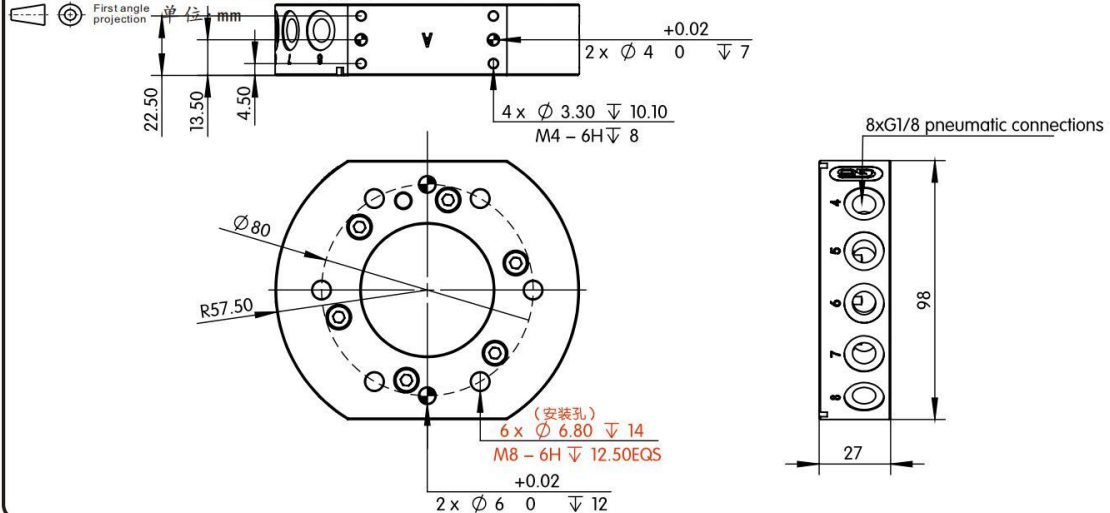
材质 Material	主体 Body	铝合金 AL alloy	型号 Model	机器人侧 Robot side	GSA-R0035
	功能机构 functional mechanisms	合金钢 Steel alloy		工具侧 Tool adapter	GSA-G0035
重量 Weight	机器人侧 Robot side	0.95kg	载荷 Load	负载 Recommended load	35kg
	工具侧 Tool adapter	0.6kg		锁紧力 Locking force	2850N
工作气压 Air pressure	0.5-0.8Mpa			静态承载力矩 Static Load torque (X&Y)	169.5Nm
环境温度 Min./max. ambient temperature	5-60°			静态承载力矩 Static Load torque (Z)	230Nm
环境湿度 Humidity	0-90%		位置重复精度 Repeatability accuracy	± 0.015mm	
气路通道 Air passage	7xG1/8		最大角度偏移 Maximum allowable angle deviation	± 1°	
打开、锁紧通道 Open、Lock	2xG1/8		最大锁紧距离 Max. distance when locking	2mm	

GSA-0050 自动快换 automatic quick change

GSA-R0050 机械手侧 Robot side



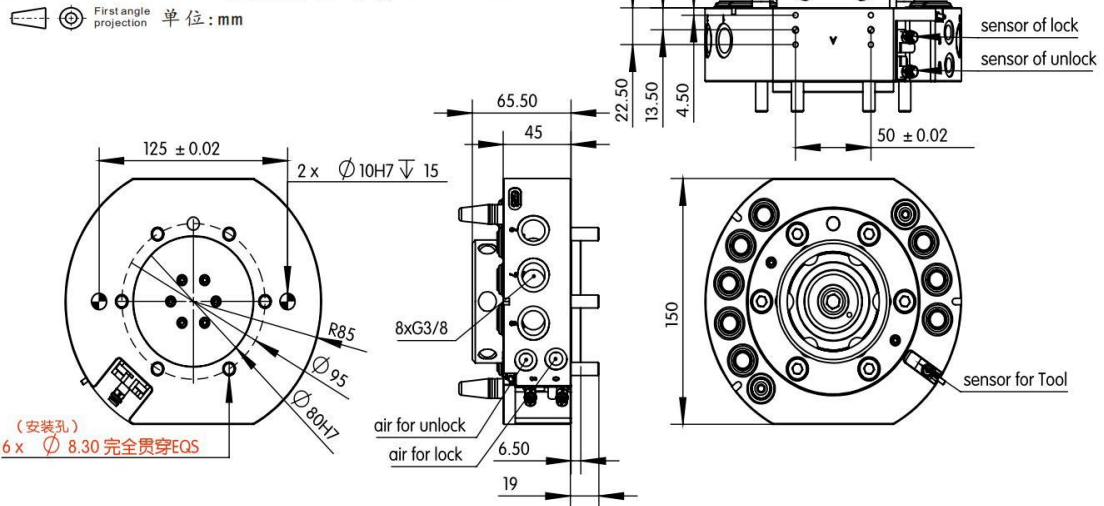
GSA-G0050 治具侧 Tool side



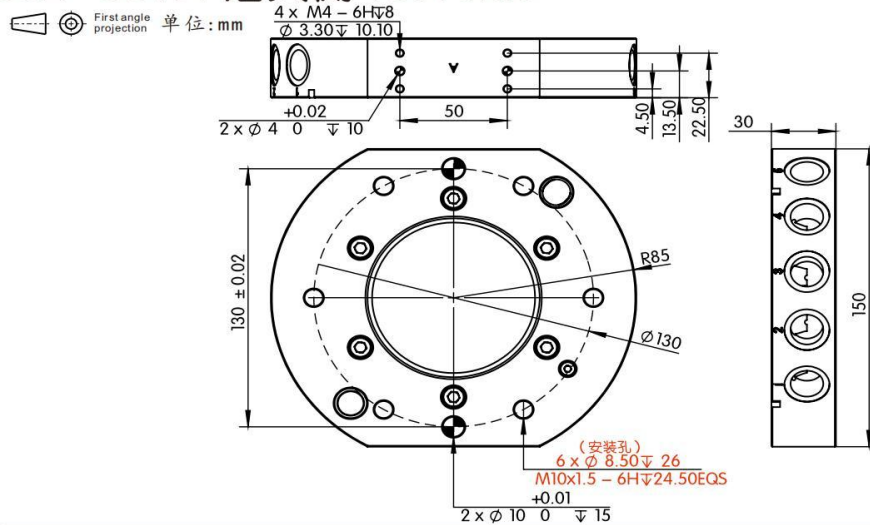
材质 Material	主体 Body	铝合金 AL alloy	型号 Model	机器人侧 Robot side	GSA-R0050
	功能机构 functional mechanisms	合金钢 Steel alloy		工具侧 Tool adapter	GSA-G0050
重量 Weight	机器人侧 Robot side	1.1kg	载荷 Load	负载 Recommended load	50kg
	工具侧 Tool adapter	0.7kg		锁紧力 Locking force	4600N
工作气压 Air pressure	0.5-0.8Mpa	静态承载力矩 Static Load torque (X&Y)		471Nm	
环境温度 Min./max. ambient temperature	5-60°	静态承载力矩 Static Load torque (Z)		648Nm	
环境湿度 Humidity	0-90%	位置重复精度 Repeatability accuracy	± 0.015mm		
气路通道 Air passage	8xG1/8	最大角度偏移 Maximum allowable angle deviation	± 1°		
打开、锁紧通道 Open、Lock	2xG1/8	最大锁紧距离 Max. distance when locking	2mm		

GSA-0100 自动快换 automatic quick change

GSA-R0100 机械手侧 Robot side



GSA-G0100 治具侧 Tool side

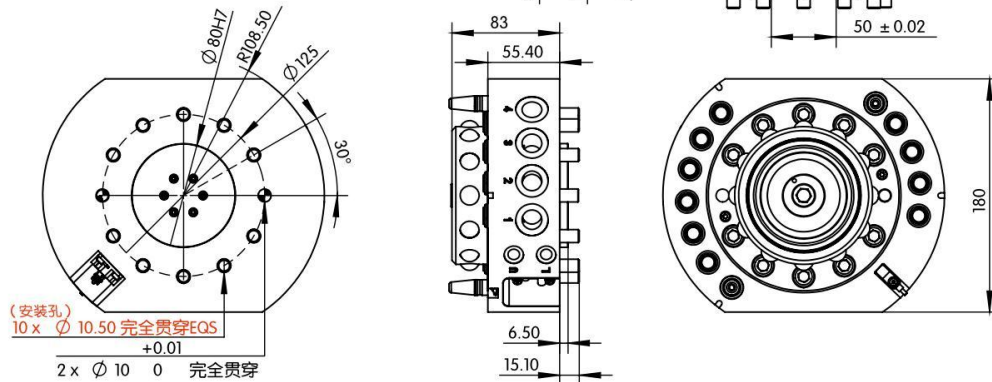


材质 Material	主体 Body	铝合金 AL alloy	型号 Model	机器人侧 Robot side	GSA-R0100
	功能机构 functional mechanisms	合金钢 Steel alloy		工具侧 Tool adapter	GSA-G0100
重量 Weight	机器人侧 Robot side	3.6kg	载荷 Load	负载 Recommended load	100kg
	工具侧 Tool adapter	1.7kg		锁紧力 Locking force	12000N
工作气压 Air pressure	0.5-0.8Mpa	静态承载力矩 Static Load torque (X&Y)		538Nm	
环境温度 Min./max. ambient temperature	5-60°	静态承载力矩 Static Load torque (Z)		720Nm	
环境湿度 Humidity	0-90%	位置重复精度 Repeatability accuracy	± 0.015mm		
气路通道 Air passage	8xG3/8	最大角度偏移 Maximum allowable angle deviation	± 1°		
打开、锁紧通道 Open、Lock	2xG1/8	最大锁紧距离 Max. distance when locking	2mm		

GSA-0200 自动快换 automatic quick change

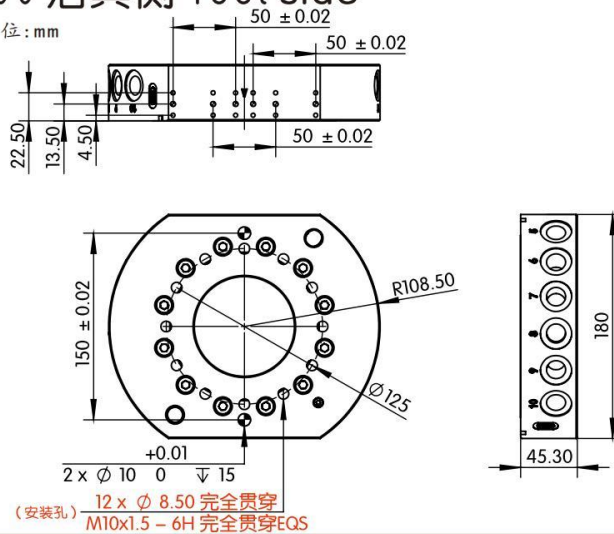
GSA-R0200 机械手侧 Robot side

First angle projection 单位: mm



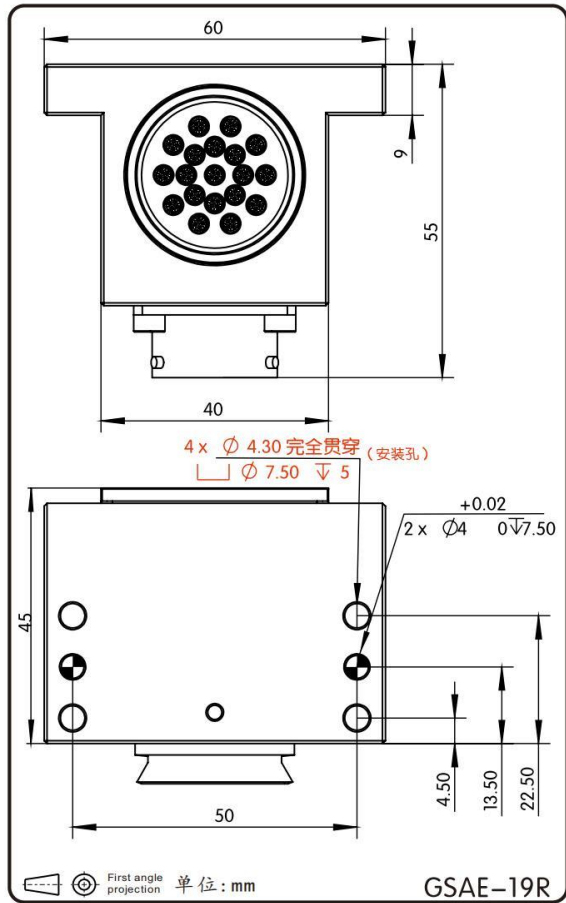
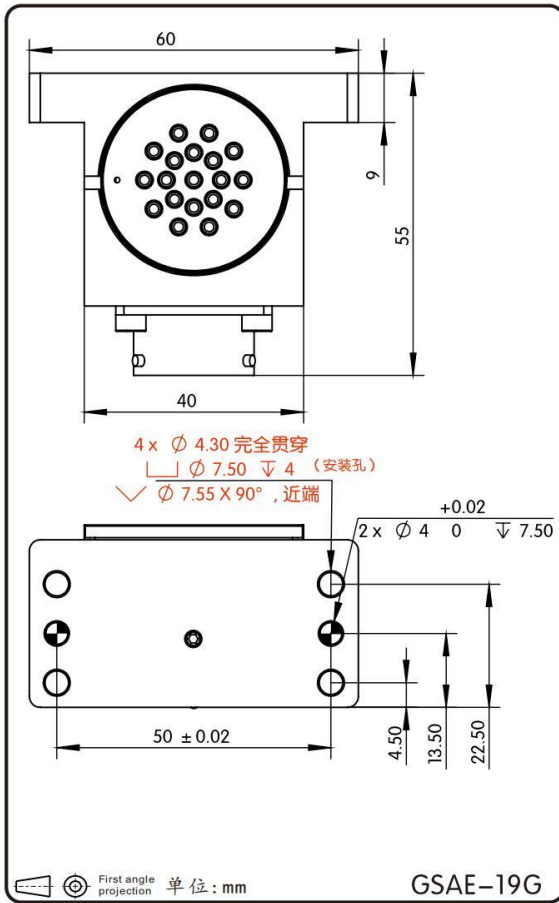
GSA-G0200 治具侧 Tool side

First angle projection 单位: mm

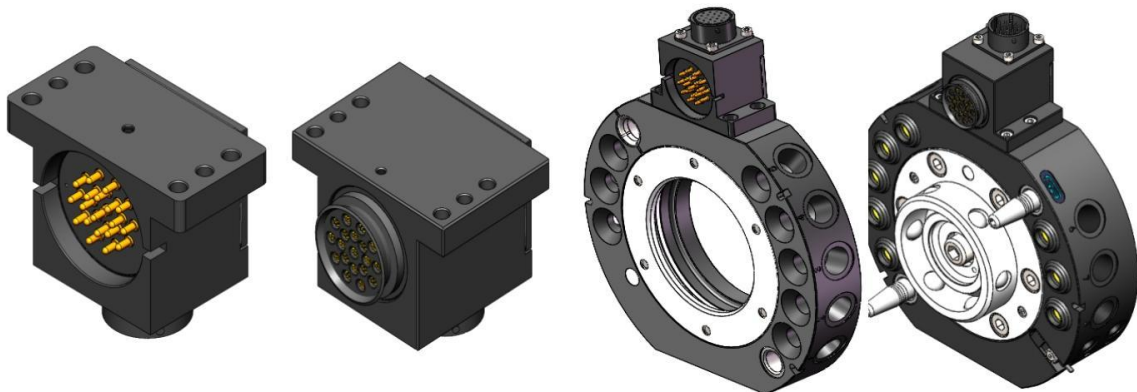


材质 Material	主体 Body	铝合金 AL alloy	型号 Model	机器人侧 Robot side	GSA-R0200
	功能机构 functional mechanisms	合金钢 Steel alloy		工具侧 Tool adapter	GSA-G0200
重量 Weight	机器人侧 Robot side	6.5kg	载荷 Load	负载 Recommended load	200kg
	工具侧 Tool adapter	3kg		锁紧力 Locking force	16000N
工作气压 Air pressure	0.5-0.8Mpa	位置重复精度 Repeatability accuracy		静态承载力矩 Static Load torque (X&Y)	1360Nm
环境温度 Min./max. ambient temperature	5-60°			静态承载力矩 Static Load torque (Z)	1130Nm
环境湿度 Humidity	0-90%	最大角度偏移 Maximum allowable angle deviation	± 1°		
气路通道 Air passage	10XG3/8	最大锁紧距离 Max. distance when locking	2mm		
打开、锁紧通道 Open、Lock	2xG1/8				

电气模块 electrical module

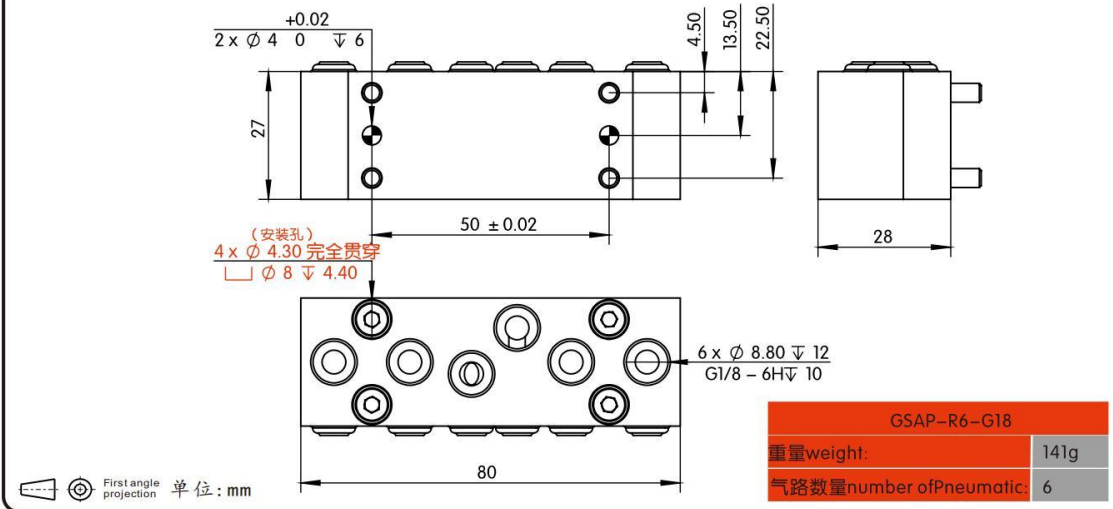


机器人侧 Robot side	GSAE-19R	针数Pin:19	重量weight:19
		工作电压Working Voltage:220V	温度范围Temperature range:-55~105°C
		工作电流Working Current:3A	适用suit for:GSA-0025~GSA-0200
工具侧 Tool adapter	GSAE-19G	针数Pin:19	重量weight:19
		工作电压Working Voltage:220V	温度范围Temperature range:-55~105°C
		工作电流Working Current:3A	适用suit for:GSA-0025~GSA-0200

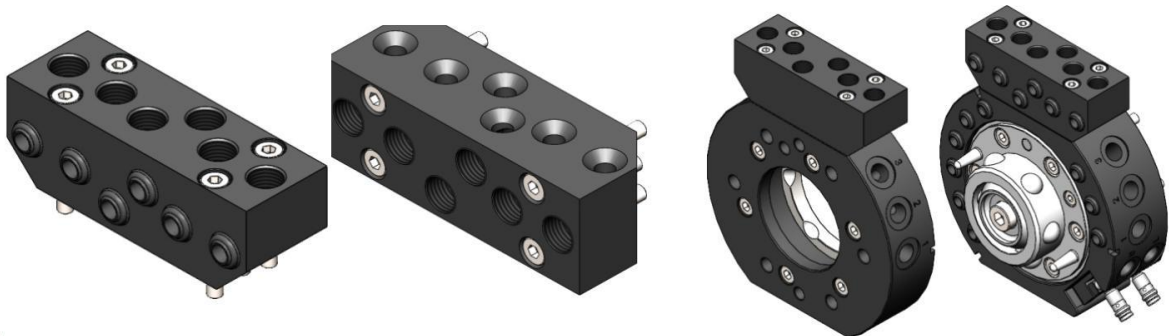
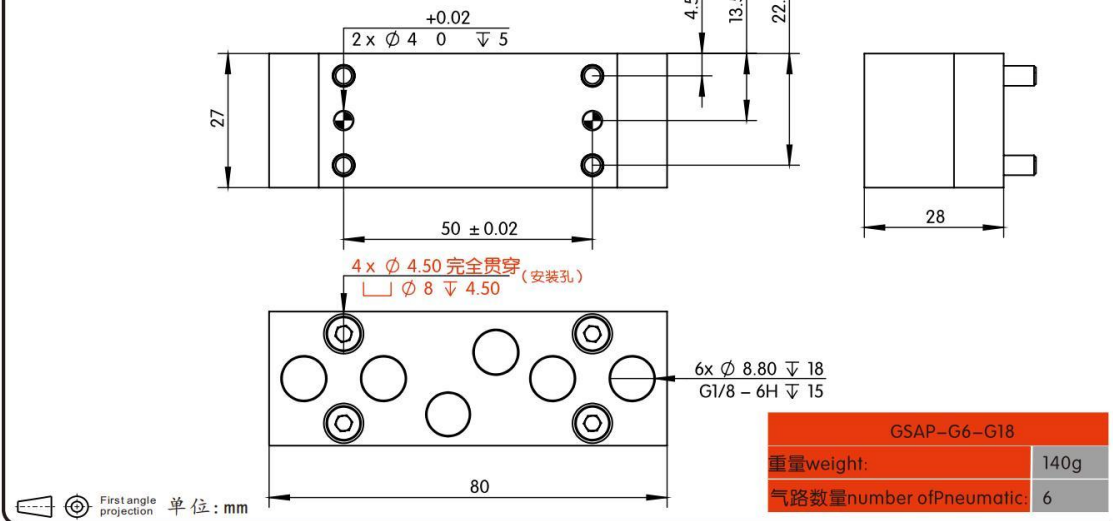


气路模块 Pneumatic module

GSAP-R6-G18 机械手侧 Robot side



GSAP-G6-G18 治具侧 Tool side

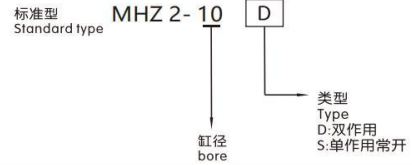


双钳口平行自动校准中心夹具MHZ2系列

2-jaw parallel self-centering pneumatic gripper

Series:MHZ2

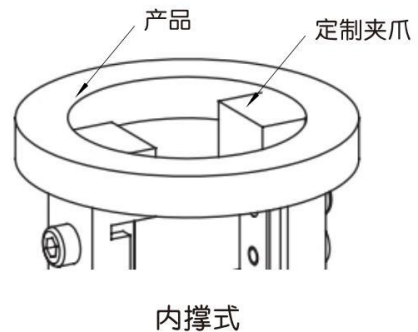
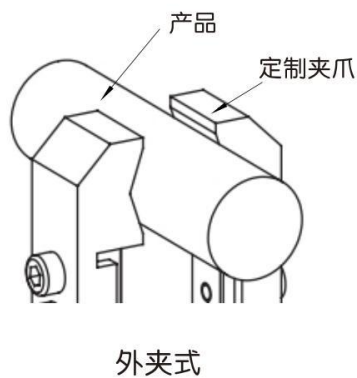
型号指引 Model section



动作方式 Action mode	型号 Model	介质 Medium	压力范围 Pressure	温度范围 Temperature	重复精度 Repetition accuracy	最大工作频率 MAX working frequency	夹持力 Gripping force each jaw		缸径 Bore	行程 Stroke	重量 Weight	进气孔 Air inlet
双动 Double action	MHZ2-10D	压缩空气 compress air	2-7bar	5° -60℃	±0.02mm	2HZ	11N	17N	10	4	55g	M3x0.5
	MHZ2-16D						34N	45N	16	6	115g	M5x0.8
	MHZ2-20D						42N	66N	20	10	235g	M5x0.8
	MHZ2-25D						65N	104N	25	14	430g	M5x0.8
	MHZ2-32D						158N	193N	32	22	715g	M5x0.8
	MHZ2-40D						254N	318N	40	30	1275g	M5x0.8
单动 Single action	MHZ2-10S						7.1N	10	4	55g	M3x0.5	
	MHZ2-16S						27N	16	6	115g	M5x0.8	
	MHZ2-20S						33N	20	10	235g	M5x0.8	
	MHZ2-25S						45N	25	14	430g	M5x0.8	
	MHZ2-32S						131N	32	22	715g	M5x0.8	
	MHZ2-40S						217N	40	30	1275g	M5x0.8	

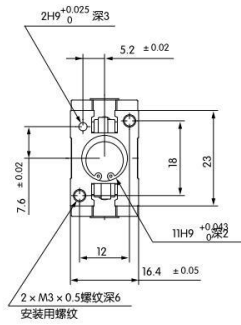
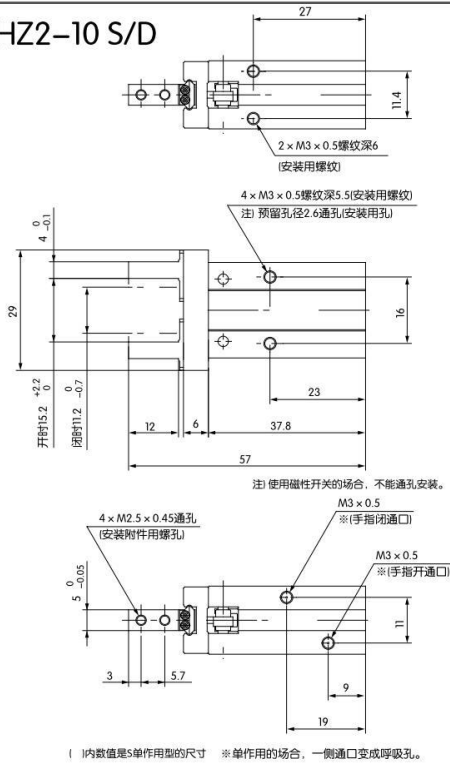


运用示范 Application example

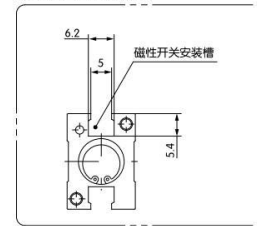


平行夹 Paraller gripper

MHZ2-10 S/D



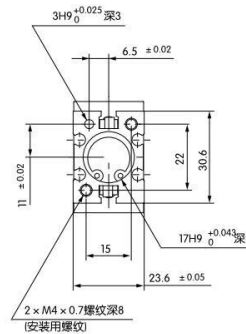
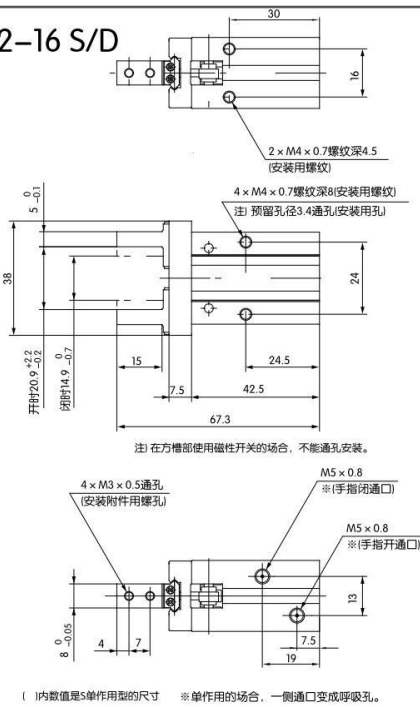
磁性开关安装槽尺寸



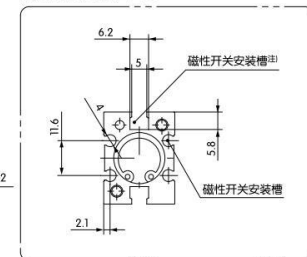
注) 使用磁性开关の場合, 不能通孔安装。

〔〕内数值是S单作用型的尺寸 ※单作用の場合, 一侧通口变成呼吸孔。

MHZ2-16 S/D



磁性开关安装槽尺寸

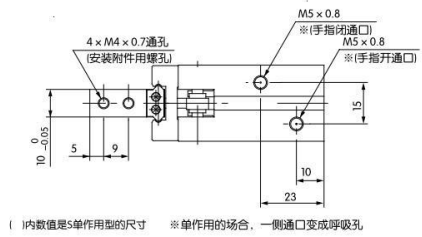
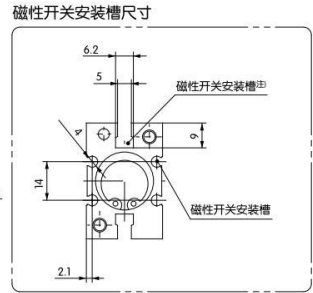
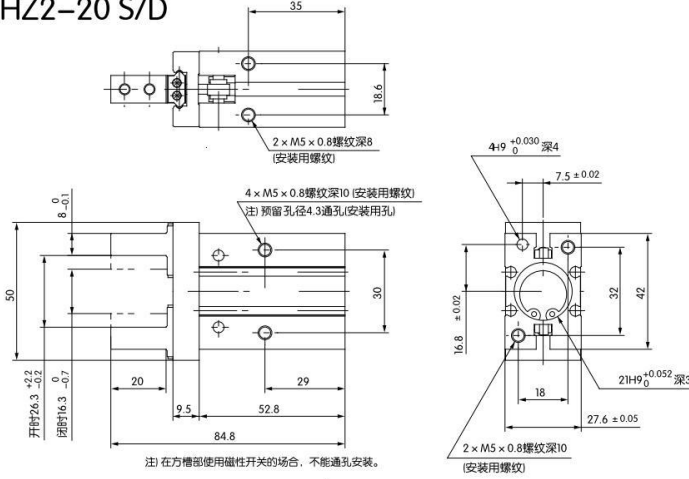


注) 在方槽部使用磁性开关の場合, 不能通孔安装。

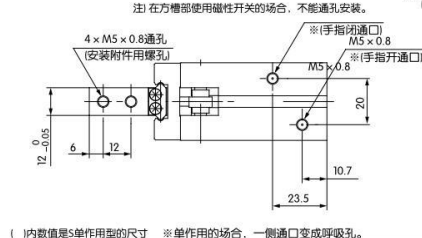
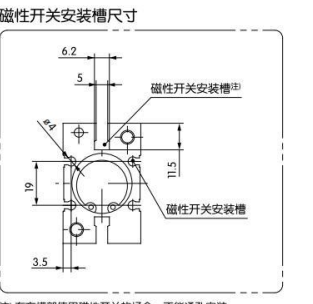
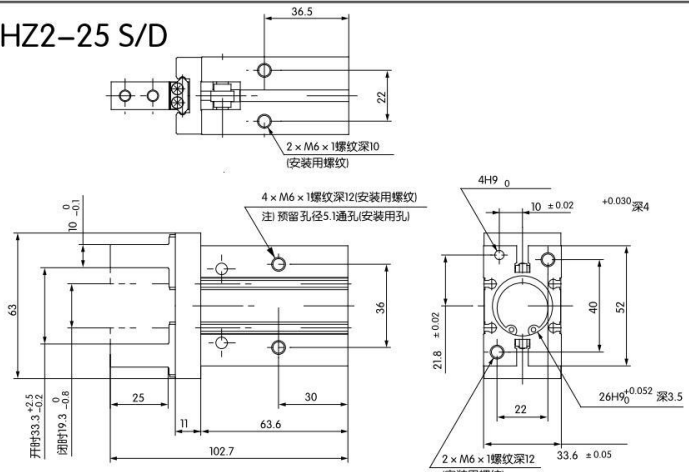
〔〕内数值是S单作用型的尺寸 ※单作用の場合, 一侧通口变成呼吸孔。

平行夹 Paraller gripper

MHZ2-20 S/D

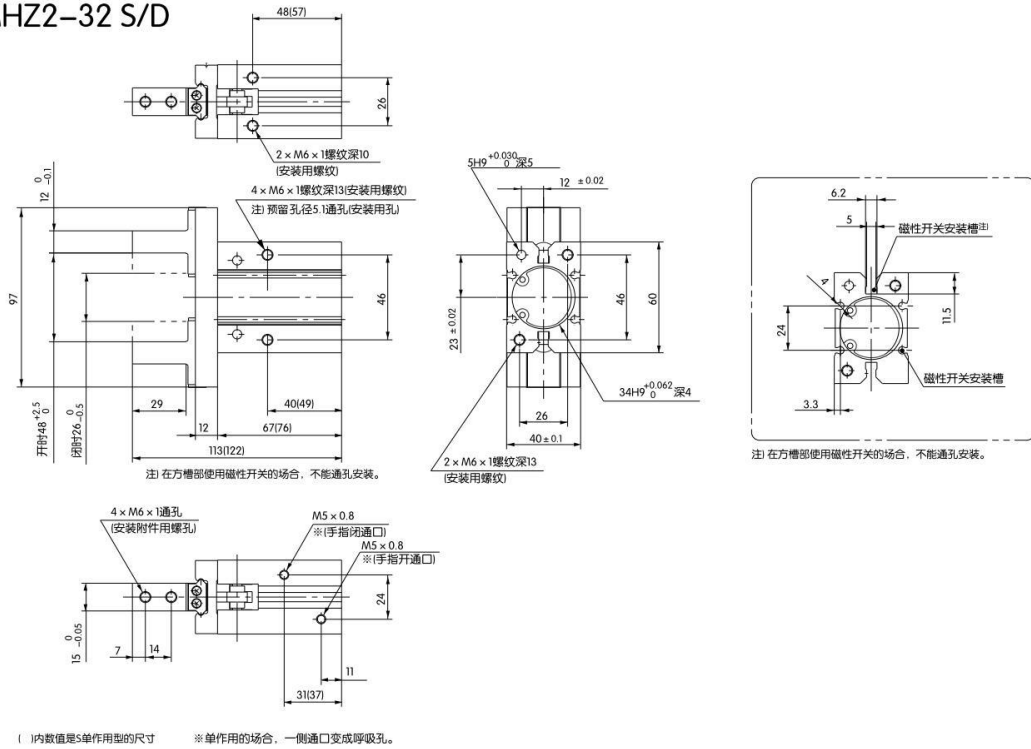


MHZ2-25 S/D

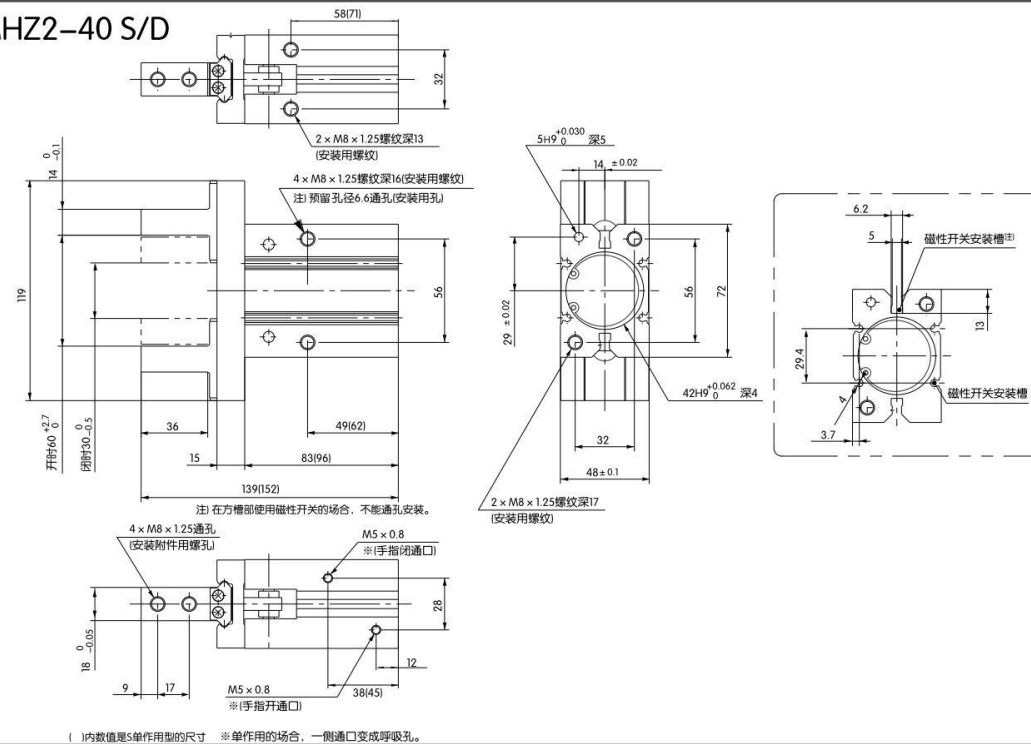


平行夹 Paraller gripper

MHZ2-32 S/D



MHZ2-40 S/D



模具定位器 Mould Positioner

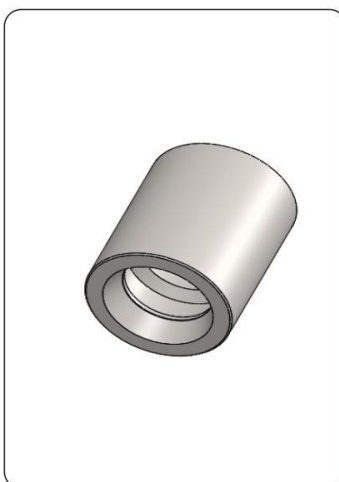
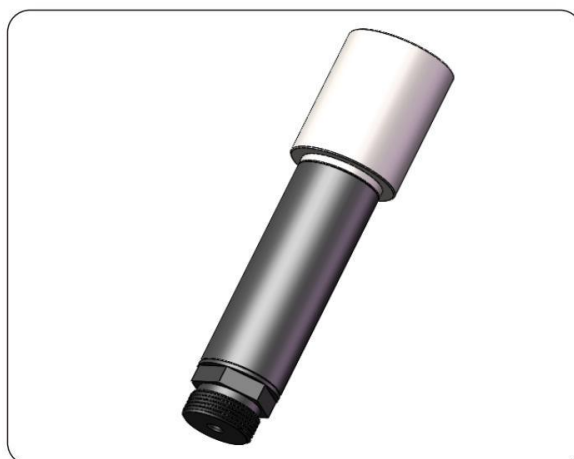
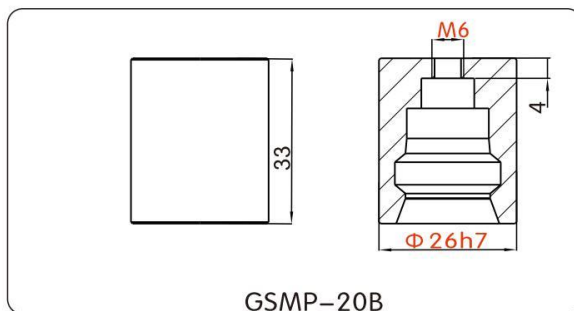
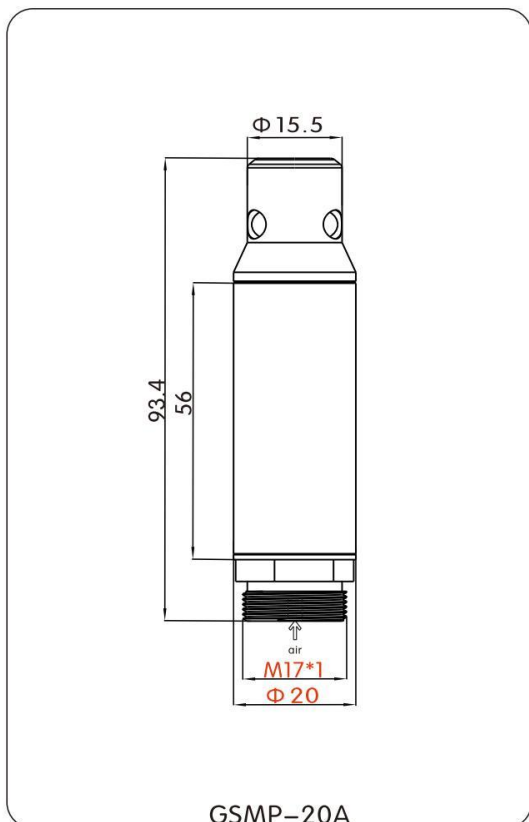
GSMP-20

用于定位机械手与模具的中心。

Provide a precise centering between the robot and the mould.

钢珠锁紧。
单一动作。

Lock by steel ball.
Single action.



介质 Medium	压缩空气 Compressed air	
压力范围 Pressure range	2.5~8bar	
温度范围 Temperature range	5° ~ 60°	
锁紧后的最大轴向载荷 Maximum axial load	120N	
进气孔 Air inlet	M5	
重量 Weight	GSMP-20A	75g
	GSMP-20B	87g

模具定位器 Mould Positioner

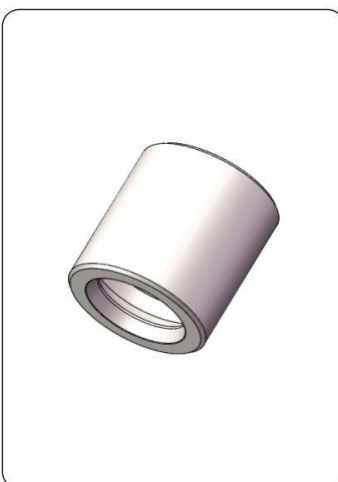
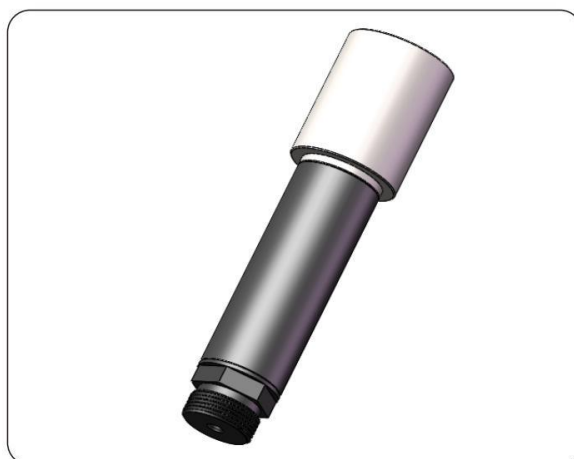
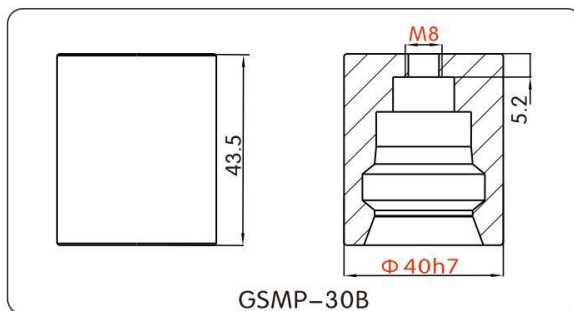
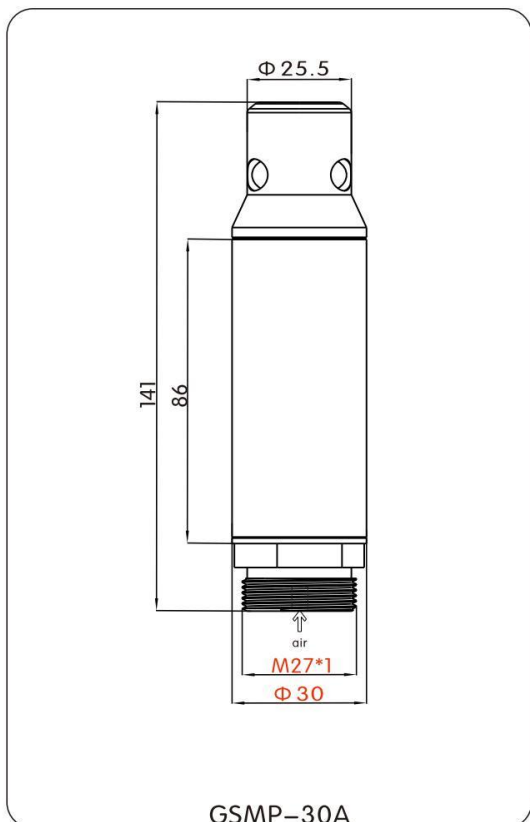
GSMP-30

用于定位机械手与模具的中心。

Provide a precise centering between the robot and the mould.

钢珠锁紧。
单一动作。

Lock by steel ball.
Single action.



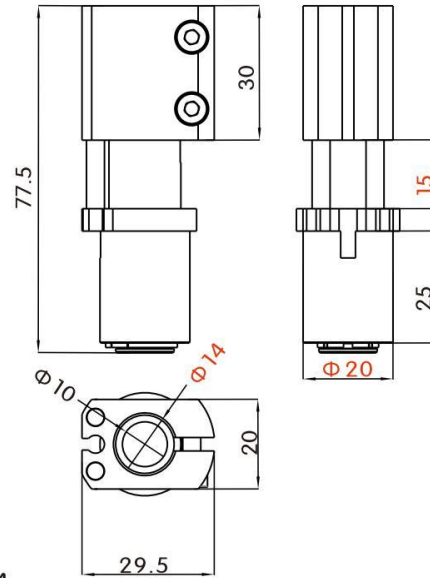
介质 Medium	压缩空气 Compressed air	
压力范围 Pressure range	2.5~8bar	
温度范围 Temperature range	5° ~ 60°	
锁紧后的最大轴向载荷 Maximum axial load	300N	
进气孔 Air inlet	G1/8	
重量 Weight	GSMP-30A	300g
	GSMP-30B	264g

缓冲支架 buffer bracket



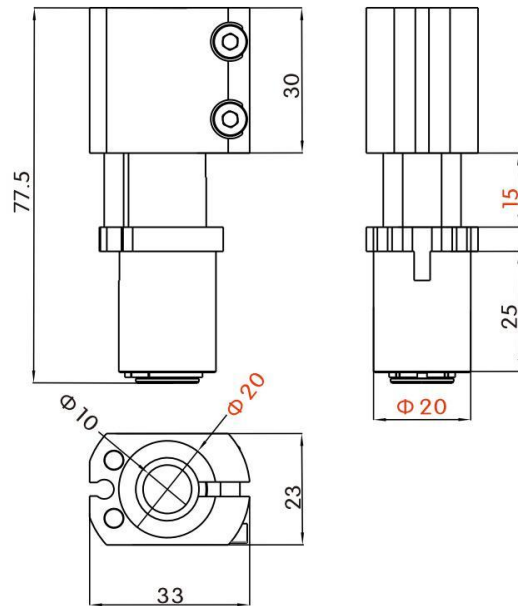
重量 Weight 57g

GSM14



重量 Weight 65g

GSM20

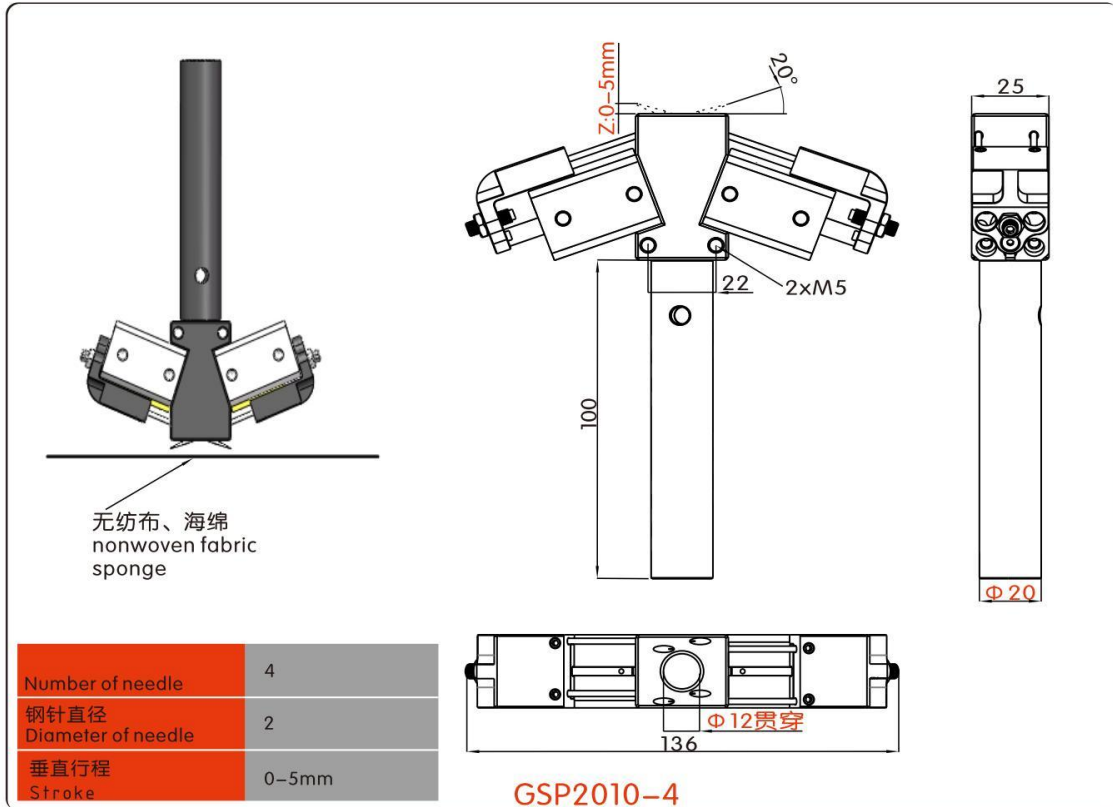


针状夹具 Needle gripper

GSP2010-4

气缸推动
双动
用于纺织、食品行业

Cylinder push
Double action
Suitable for textite and food industry



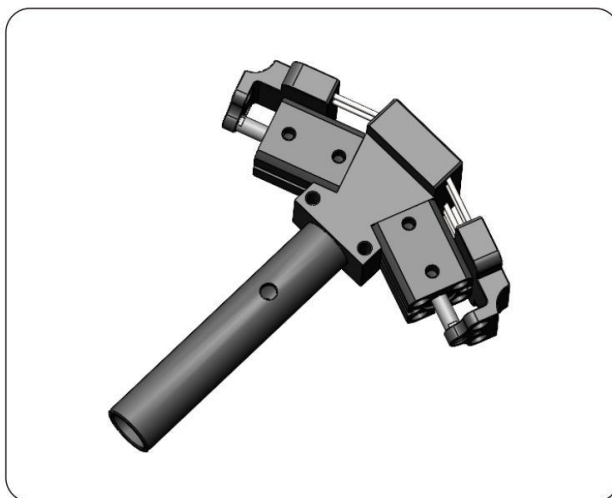
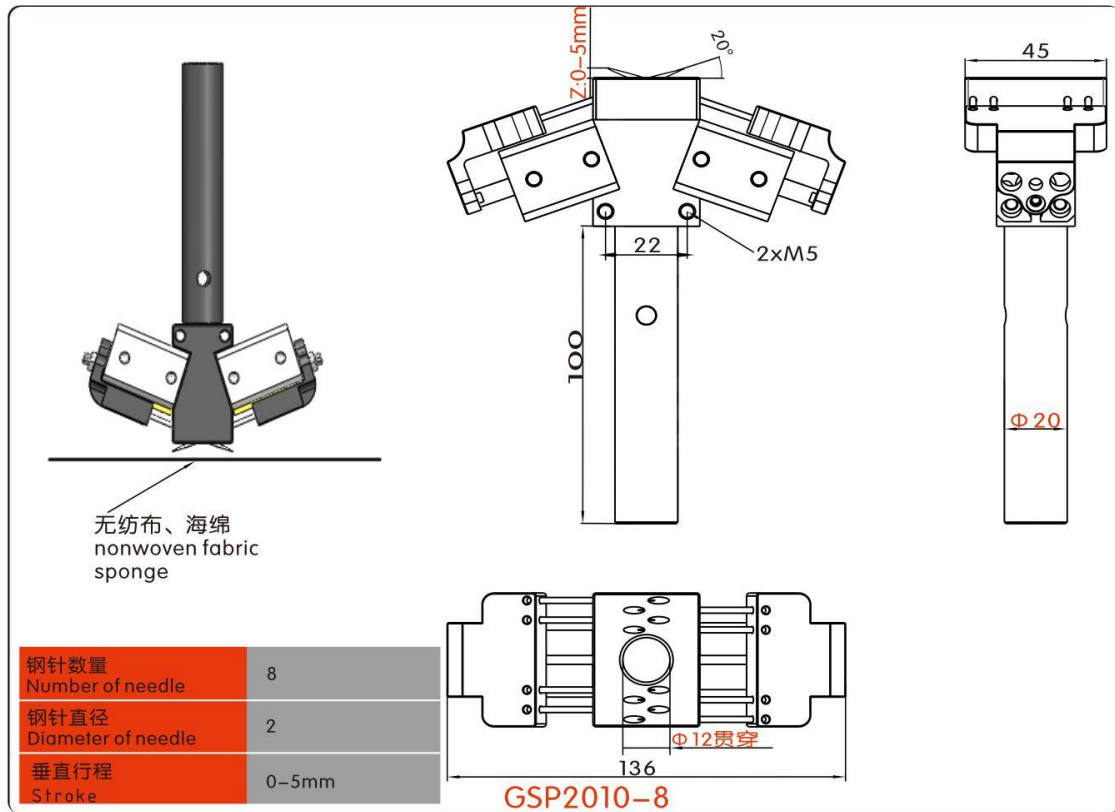
介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	0-10mm
循环空气消耗量 Cycle air consumption	3.5cm
总夹取力 (气压6bar) Total gripping force	90N
重量 Weight	274g
进气孔 Air inlet	M5

针状夹具 Needle gripper

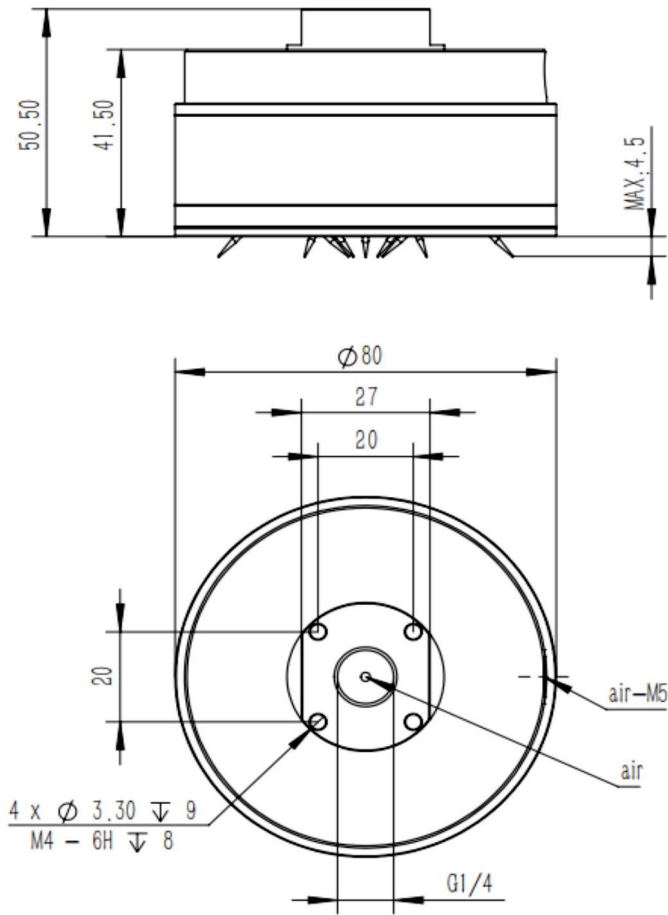
GSP2010-8

气缸推动
双动
用于纺织、食品行业

Cylinder push
Double action
Suitable for textite and food industry

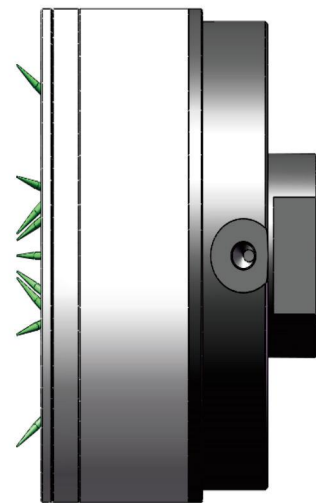


介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	0-10mm
循环空气消耗量 Cycle air consumption	3.5cm
总夹取力 (气压6bar) Total gripping force	90N
重量 Weight	274g
进气孔 Air inlet	M5



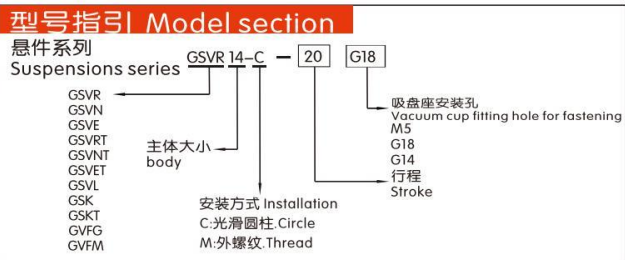
钢针数量 Number of needle	16
钢针直径 Diameter of needle	1.2
垂直行程 Stroke	0-4.5mm

介质 Medium	压缩空气 Compressed air
压力范围 Pressure range	2.5~8bar
温度范围 Temperature range	5° ~ 60°
行程 Stroke	0-7mm
循环空气消耗量 Cycle air consumption	3.5cm
总夹取力 (气压6bar) Total gripping force	110N
重量 Weight	400
进气孔 Air inlet	M5

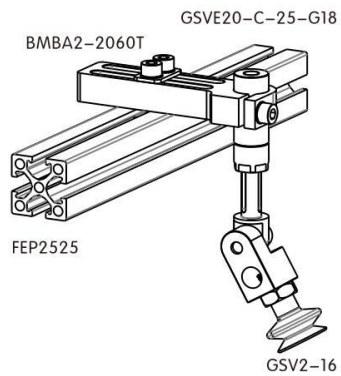
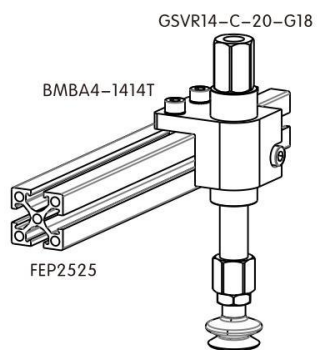


真空吸盘悬件

Vacuum cup suspensions



运用示范
Application example



金具 Suction stem

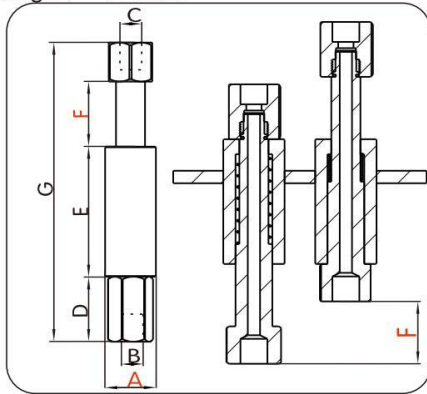
GSVR series

GSVR 系列

Body and rod in anodized aluminum

Rotative rod

Pressure range : $-1 \div 8\text{bar}$



单位:mm

MODEL	A	B	C	D	E	F	G	Weight
GSVR10-C-10-M5	Φ10	M5	M5	18	22	10	55.5	11g
GSVR10-C-20-M5	Φ10	M5	M5	18	41	20	84	17g
GSVR14-C-20-G18	Φ14	G18	G18	20	40	20	92	23g
GSVR14-C-35-G18	Φ14	G18	G18	20	60	35	127	40g
GSVR20-C-25-G18	Φ20	G18	G18	22	50	25	112	50g
GSVR20-C-50-G18	Φ20	G18	G18	22	84	50	171	77g

Smooth-body rotative suspensions

平滑主体可旋转悬件

主体和杆由阳极铝制成.

可旋转杆.

压力范围: $-1 \div 8\text{bar}$.



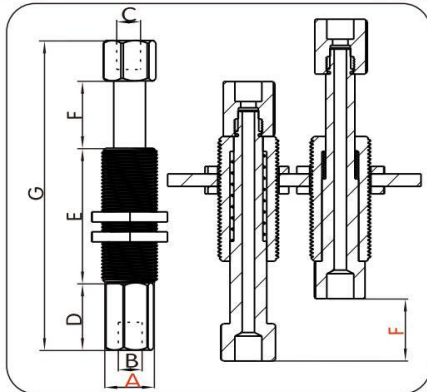
GSVRT series

GSVRT 系列

Body and rod in anodized aluminum

rotative rod

Pressure range : $-1 \div 8\text{bar}$



单位:mm

MODEL	A	B	C	D	E	F	G	Weight
GSVRT10-M-10-M5	M10*1	M5	M5	18	22	10	55.5	14g
GSVRT10-M-20-M5	M10*1	M5	M5	18	41	20	84	26g
GSVRT14-M-20-G18	M14*1	G18	G18	20	40	20	92	32g
GSVRT14-M-35-G18	M14*1	G18	G18	20	60	35	127	36g
GSVRT20-M-25-G18	M20*1	G18	G18	22	50	25	112	70g
GSVRT20-M-50-G18	M20*1	G18	G18	22	84	50	171	104g

Threaded-body rotative suspensions

螺纹主体可旋转悬件

主体和杆由阳极铝制成.

可旋转杆.

压力范围: $-1 \div 8\text{bar}$.



金具 Suction stem

GSVN series

GSVN 系列

Body and rod in anodized aluminum

Non-rotative rod

Pressure range : $-1 \div 8\text{bar}$

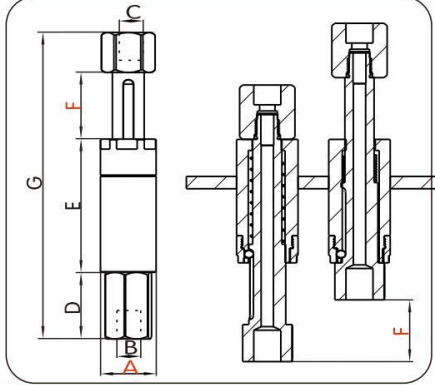
Smooth-body non-rotative suspensions

平滑主体非可旋转悬件

主体和杆由阳极铝制成.

非可旋转杆.

压力范围: $-1 \div 8\text{bar}$.



单位:mm



MODEL	A	B	C	D	E	F	G	Weight
GSVN10-C-10-M5	Φ10	M5	M5	18	22	10	60	15g
GSVN10-C-20-M5	Φ10	M5	M5	18	41	20	89	20g
GSVN14-C-20-G18	Φ14	G18	G18	20	40	20	92	30g
GSVN14-C-35-G18	Φ14	G18	G18	20	60	35	127	50g
GSVN20-C-25-G18	Φ20	G18	G18	22	50	25	112	54g
GSVN20-C-50-G18	Φ20	G18	G18	22	84	50	171	80g

GSVNT series

GSVNT 系列

Body and rod in anodized aluminum

Non-rotative rod

Pressure range : $-1 \div 8\text{bar}$

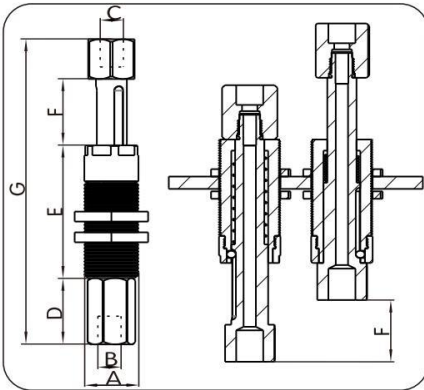
Threaded-body non-rotative suspensions

螺纹主体非可旋转悬件

主体和杆由阳极铝制成.

非可旋转杆.

压力范围: $-1 \div 8\text{bar}$.



单位:mm



MODEL	A	B	C	D	E	F	G	Weight
GSVNT10-M-10-M5	M10*1	M5	M5	18	22	10	60	18g
GSVNT10-M-20-M5	M10*1	M5	M5	18	41	20	84	23g
GSVNT14-M-20-G18	M14*1	G18	G18	20	40	20	92	51g
GSVNT14-M-35-G18	M14*1	G18	G18	20	60	35	127	72g
GSVNT20-M-25-G18	M20*1	G18	G18	22	50	25	112	82g
GSVNT20-M-50-G18	M20*1	G18	G18	22	84	50	171	120g

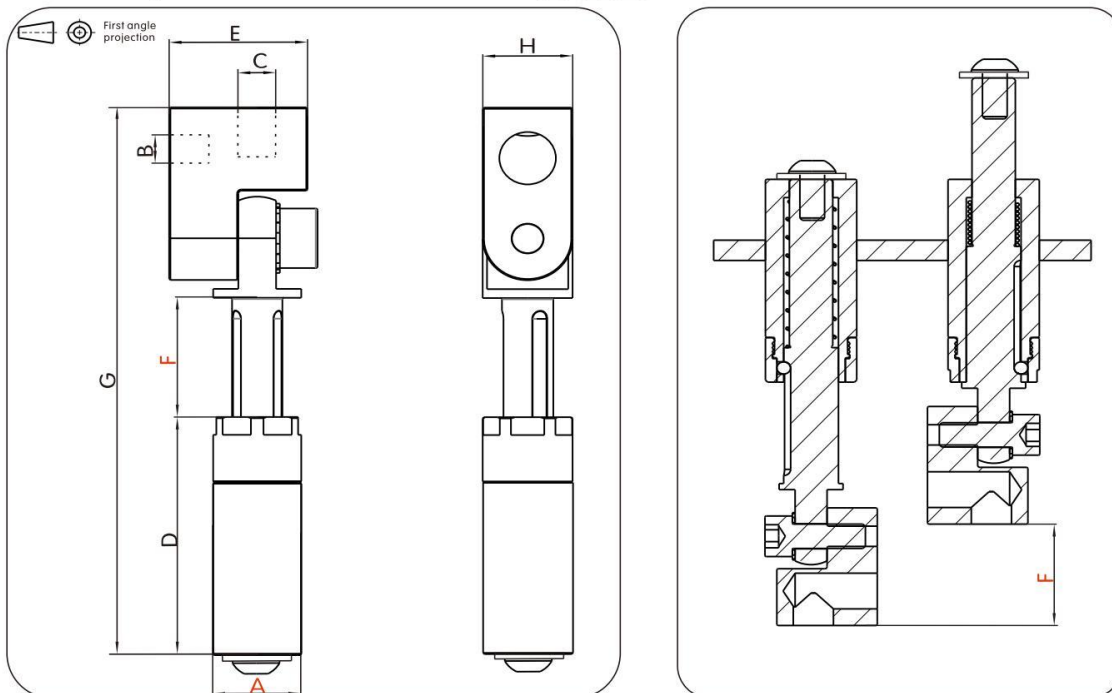
金具 Suction stem

GSVE series GSVE 系列

It is possible to set continuously
the angle between 0° and +/-90° .
Body and rod in anodized aluminum.
Non-rotative rod.
Pressure range : -1 ÷ 8bar.

Smooth-body non-rotative suspensions
with integral elbow arms
平滑主体带集成弯臂的非可旋转悬件
可在0° 和 +/-90° 之间任意设置角度.

主体和杆由阳极铝制成.
非可旋转杆.
压力范围: -1 ÷ 8bar.



单位:mm

MODEL	A	B	C	D	E	F	G	H	Weight
GSVE10-C-10-M5	Φ10	M5	M5	22	11	10	53	10	18g
GSVE10-C-20-M5	Φ10	M5	M5	41	11	20	81	10	23g
GSVE14-C-20-G18	Φ14	G18	G18	40	22	20	93	14	45g
GSVE14-C-35-G18	Φ14	G18	G18	60	22	35	128	14	48g
GSVE20-C-25-G18	Φ20	G18	G18	50	22	25	111	14	70g
GSVE20-C-50-G18	Φ20	G18	G18	84	22	50	169.5	14	105g

金具 Suction stem

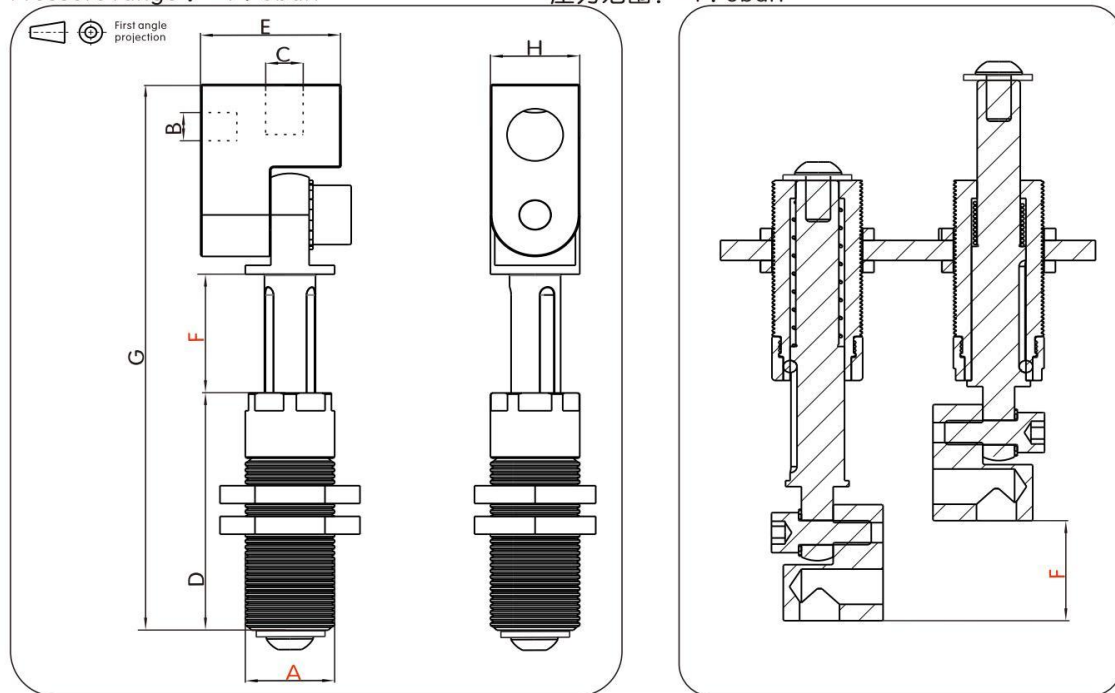
GSVET series
GSVET 系列

It is possible to set continuously
the angle between 0° and +/-90° .
Body and rod in anodized aluminum.
Non-rotative rod.
Pressure range : -1 ÷ 8bar.

Threaded-body non-rotative suspensions
with integral elbow arms
螺纹主体带集成弯臂的非可旋转悬件

可在0° 和+/-90° 之间任意设置角度.

主体和杆由阳极铝制成.
非可旋转杆.
压力范围: -1 ÷ 8bar.



单位:mm

MODEL	A	B	C	D	E	F	G	H	Weight
GSVET10-M-10-M5	M10*1	M5	M5	22	11	10	53	10	21g
GSVET10-M-20-M5	M10*1	M5	M5	41	11	20	81	10	26g
GSVET14-M-20-G18	M14*1	G18	G18	40	22	20	93	14	57g
GSVET14-M-35-G18	M14*1	G18	G18	60	22	35	128	14	80g
GSVET20-M-25-G18	M20*1	G18	G18	50	22	25	111	14	88g
GSVET20-M-50-G18	M20*1	G18	G18	84	22	50	169.5	14	125g

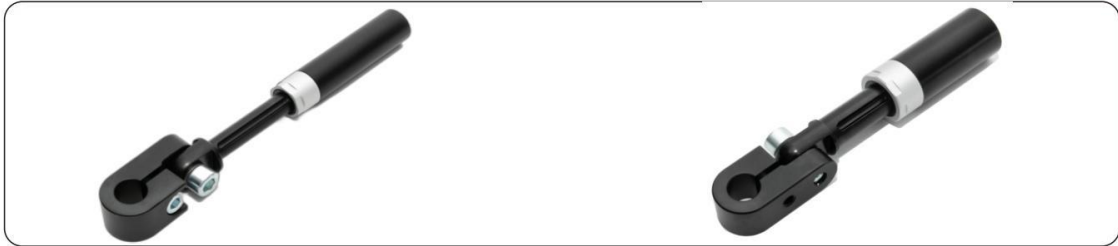
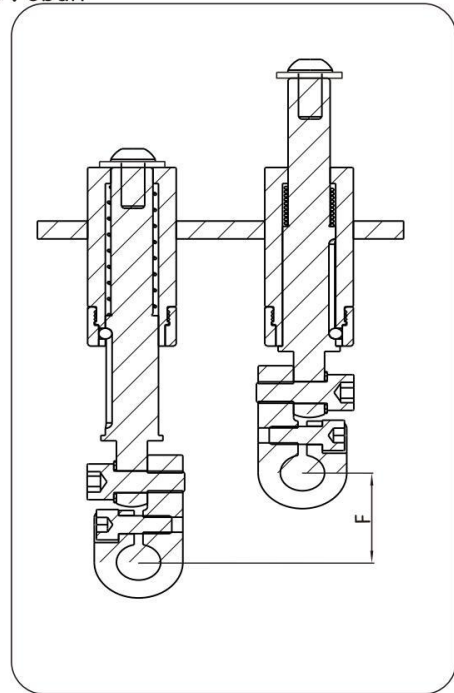
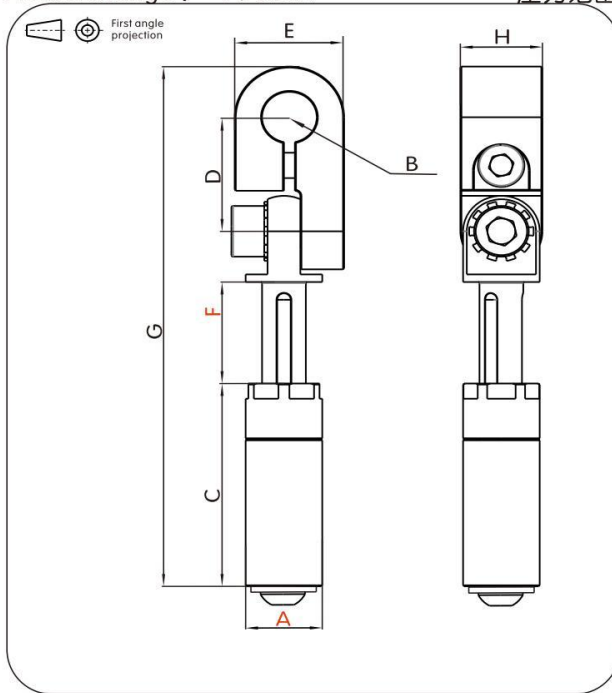
金具 Suction stem

GSK series
GSK 系列

It is possible to set continuously
the angle between 0° and +/-90° .
Body and rod in anodized aluminum.
Non-rotative rod.
Pressure range : -1 ÷ 8bar.

Smooth-body non-rotative suspensions
with adjustable clamp
平滑主体带可调节钳口的非可旋转悬件

可在0° 和+/-90° 之间任意设置角度。
主体和杆由阳极铝制成。
非可旋转杆。
压力范围：-1 ÷ 8bar.



单位:mm

MODEL	A	B	C	D	E	F	G	H	Weight
GSK14-C-20-08	Φ14	Φ8	40	22.5	20	20	97	23.6	36g
GSK14-C-20-10	Φ14	Φ10	40	22.5	20	20	97	23.6	35g
GSK14-C-20-12	Φ14	Φ12	40	22.5	20	20	97	23.6	34g
GSK20-C-25-14	Φ20	Φ14	50	22.5	20	25	120	23.6	72g
GSK20-C-25-20	Φ20	Φ20	50	25	27	25	125	27	90g
GSK20-C-50-20	Φ20	Φ20	84	25	27	50	180	27	125g

金具 Suction stem

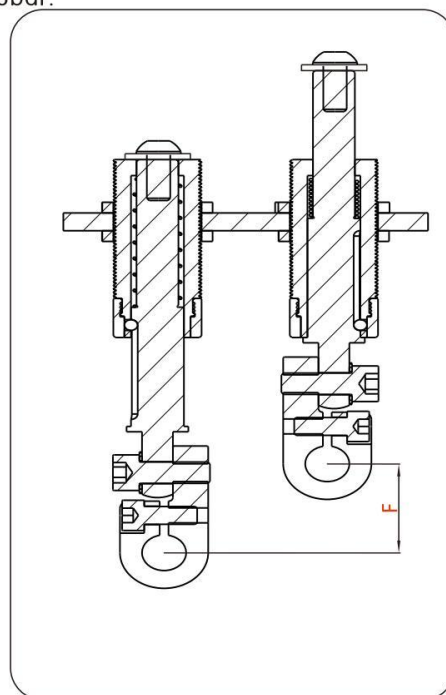
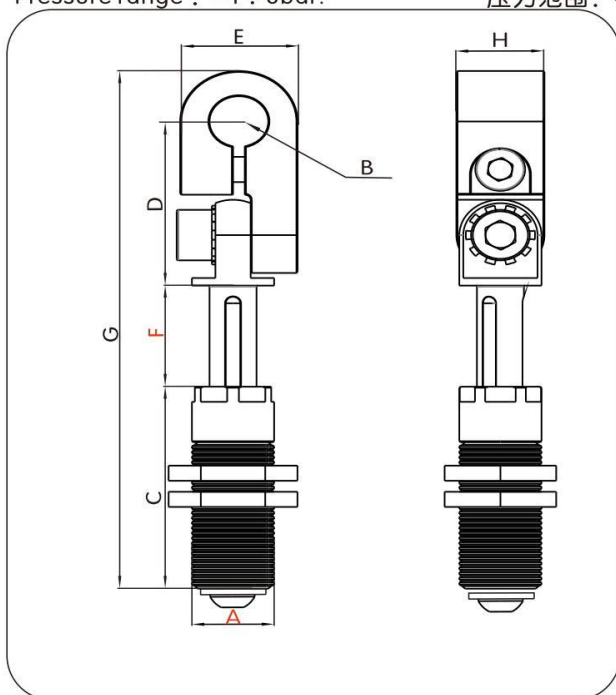
GSKT series GSKT 系列

It is possible to set continuously the angle between 0° and +/-90° .
Body and rod in anodized aluminum.
Non-rotative rod.
Pressure range : -1 ÷ 8bar.

Threaded-body non-rotative suspensions with adjustable clamp

螺纹主体带可调节钳口的非可旋转悬件
可在0° 和+/-90° 之间任意设置角度.

主体和杆由阳极铝制成.
非可旋转杆.
压力范围: -1 ÷ 8bar.



单位:mm

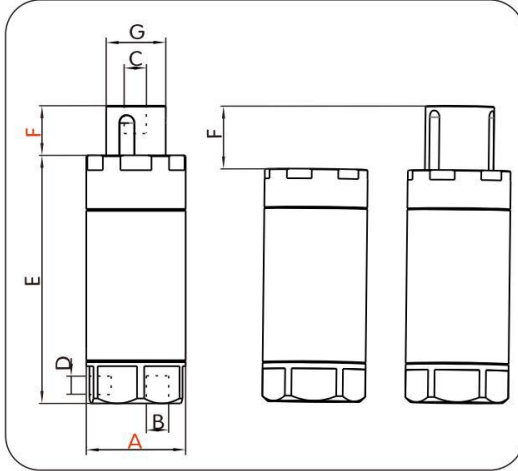
MODEL	A	B	C	D	E	F	G	H	Weight
GSKT14-C-20-08	M14*1	Φ8	40	22.5	20	20	97	23.6	36g
GSKT14-C-20-10	M14*1	Φ10	40	22.5	20	20	97	23.6	35g
GSKT14-C-20-12	M14*1	Φ12	40	22.5	20	20	97	23.6	34g
GSKT20-C-25-14	M20*1	Φ14	50	22.5	20	25	120	23.6	72g
GSKT20-C-25-20	M20*1	Φ20	50	25	27	25	125	27	90g
GSKT20-C-50-20	M20*1	Φ20	84	25	27	50	180	27	125g

金具 Suction stem

GVFG series GVFG 系列

Body and rod in anodized aluminum
Telescopic lay-out: fittings and hoses don't move
Non-rotative rod
Pressure range : $-1 \div 8\text{bar}$

Smooth-body non-rotative
pneumatic push suspensions
平滑主体的非可旋转气动推出悬件
主体和杆由阳极铝制成。
伸缩式设计：配件和软管不可移动。
非可旋转杆。
压力范围： $-1 \div 8\text{bar}$ 。



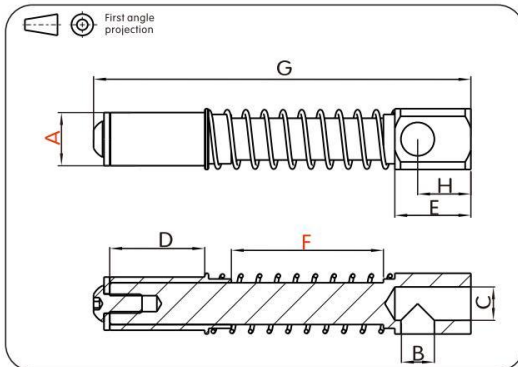
单位:mm

MODEL	A	B	C	D	E	F	G	Weight
GVFG20-C-10-M5	$\Phi 20$	M5	M5	M5	50	10	50.5	35g
GVFG20-C-20-M5	$\Phi 20$	M5	M5	M5	65	20	84	45g
GVFG30-C-20-G18	$\Phi 30$	G18	G18	G18	72	20	92	70g

GVFM series GVFM 系列

Body is steel, rod is aluminum.
Rotative rod.
Pressure range : $-1 \div 8\text{bar}$.

Smooth-body rotative
suspensions
平滑主体的旋转悬件
主体不锈钢,杆由阳极铝制成。
可旋转杆。
压力范围： $-1 \div 8\text{bar}$ 。



单位:mm

MODEL	A	B	C	D	E	F	G	H	Weight
GVFM-4014-G18	$\Phi 14$	G18	G18	25	20	40	100	14	48g
GVFM-2020-G14	$\Phi 20$	G18	G14	48	26	20	113	15	136g

金具 Suction stem

GSVH series

GSVH 系列

Body and rod in steel

Non-rotative rod

Pressure range : $-1 \div 8\text{bar}$

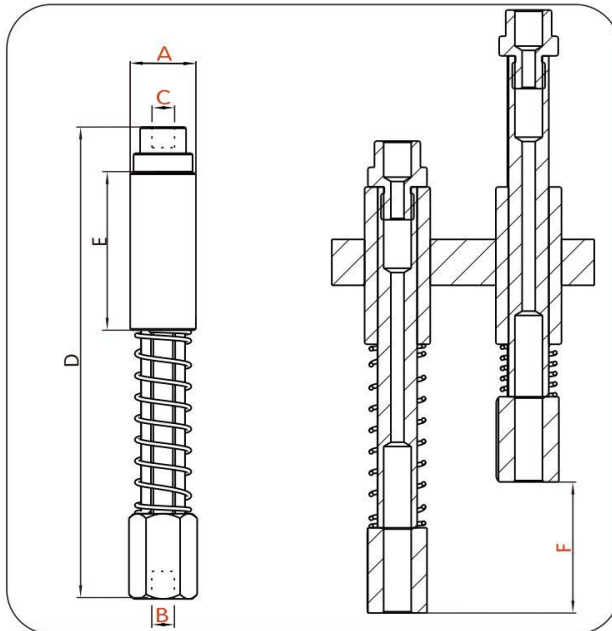
Smooth-body non-rotative suspensions

平滑主体非可旋转悬件

主体和杆由不锈钢制成.

非可旋转杆.

压力范围: $-1 \div 8\text{bar}$.



MODEL	A	B	C	D	E	F	Weight
GSVH-1020-M5	Φ10	M5	M5	72	24	20	25g
GSVH-1220-M5	Φ12	M5	M5	72	24	20	30g

GSVMseries

GSVM 系列

Body and rod in steel

rotative rod

Pressure range : $-1 \div 8\text{bar}$

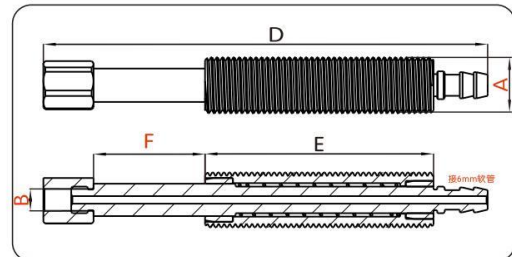
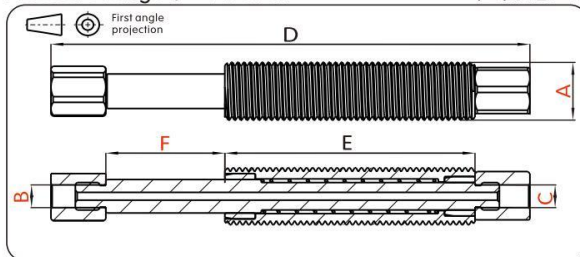
Smooth-body non-rotative suspensions

平滑主体非可旋转悬件

主体和杆由不锈钢制成.

旋转杆.

压力范围: $-1 \div 8\text{bar}$.



MODEL	A	B	C	D	E	F	Weight
GSVM-1020B-M5	M10x1	M5	-	80	41	20	27g
GSVM-1020-M5	M10x1	M5	M5	78.5	41	20	30g
GSVM-1030-M5	M10x1	M5	M5	98.5	51	30	40g

金具 Suction stem

GSVQ series

GSVQ系列

Body and rod in steel

Non-rotative rod

Pressure range : $-1 \div 8$ bar

Suitable for heavy load

Smooth-body non-rotative suspensions

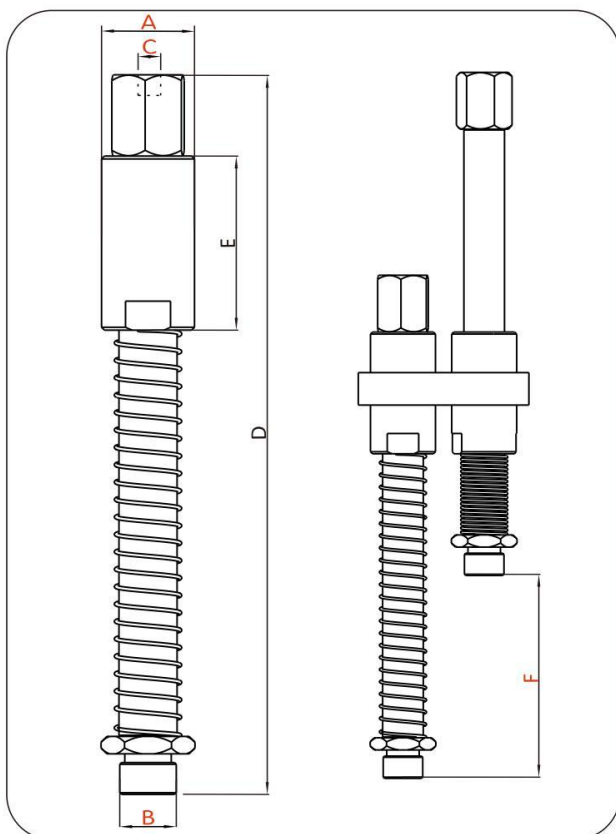
平滑主体非可旋转悬件

主体和杆由不锈钢制成.

非可旋转杆.

压力范围: $-1 \div 8$ bar.

适用于重载



MODEL	A	B	C	D	E	F	Weight
GSVQ-1650-G18	M16x1	G1/8	G1/8	124	30	50	110g
GSVQ-3025-G14	M30x1.5	G1/4	G3/8	117	53	25	400g
GSVQ-3075-G14	M30x1.5	G1/4	G3/8	187	53	75	530g

真空吸盘 Vacuum cups

种类：扁平状、1.5波纹管 and 2.5波纹管

材质：硅橡胶、无痕橡胶、丁腈橡胶

尺寸：直径从2mm到80mm

Vacuum Cups

Kinds: flat, 1.5bellows and 2.5bellows

Materials: SI, HT1, NBR

Dimensions: Diameters from 2mm to 80mm



材质 Materials	硬度 Shore Hardness	温度范围 Temperature range	颜色 Colour
SI 硅橡胶	55	-40° - 220°	Translucent
HT1 无痕橡胶	60	0° - 160°	Blue
NBR 丁腈橡胶	55	0° - 80°	Black

型号指引 Model section

吸盘系列 Vacuum cups series

GSV1: 扁平式, Flat

GSV2: 波纹管式2层, 1.5bellows

GSV3: 波纹管式3层, 2.5bellows

GSV1-15-SI

吸盘材质 Vacuum cups Materials

SI: 硅橡胶, Silicone

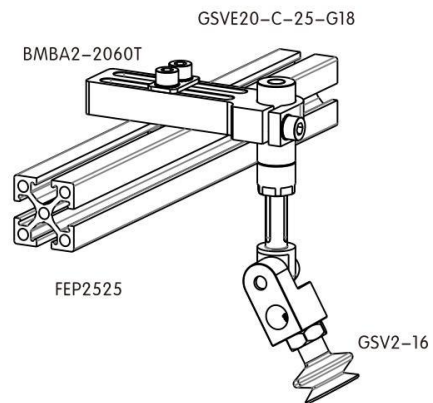
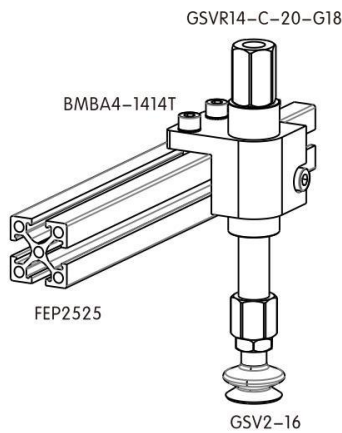
HT1: 无痕橡胶, Non-marking

NBR: 丁腈橡胶, Nitrile rubber

吸盘直径

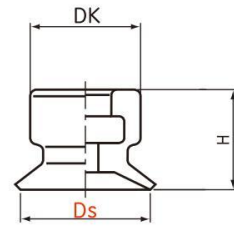
Vacuum cup diameter

运用示范 Application example



真空吸盘 (扁平式)

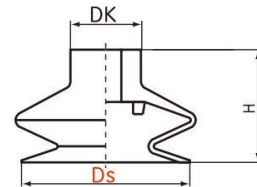
Vacuum Cups(Flat)



Ds(mm)	F(N)	H (mm)	DK(mm)	HTI	SI	NBR	金具头 Vacuum cup fitting
2	0.5	4	4	GSV1-02-HTI	GSV1-02-SI	GSV1-02-NBR	JJT-07
3.5	0.7	4	4	GSV1-3.5-HTI	GSV1-3.5-SI	GSV1-3.5-NBR	JJT-07
5	0.9	6.5	7.5	GSV1-05-HTI	GSV1-05-SI	GSV1-05-NBR	JJT-08
6	1.0	6.5	7.5	GSV1-06-HTI	GSV1-06-SI	GSV1-06-NBR	JJT-08
8	1.1	7	8	GSV1-08-HTI	GSV1-08-SI	GSV1-08-NBR	JJT-08
10	1.6	7.5	8.7	GSV1-10-HTI	GSV1-10-SI	GSV1-10-NBR	JJT-08
15	3.7	8	12	GSV1-15-HTI	GSV1-15-SI	GSV1-15-NBR	JJT-09
20	6.1	10	15	GSV1-20-HTI	GSV1-20-SI	GSV1-20-NBR	JJT-09
25	9.4	14	16	GSV1-25-HTI	GSV1-25-SI	GSV1-25-NBR	JJT-10+JJT-11
30	15.9	12	15	GSV1-30-HTI	GSV1-30-SI	GSV1-30-NBR	JJT-10+JJT-11
35	23.1	14	20.5	GSV1-35-HTI	GSV1-35-SI	GSV1-35-NBR	JJT-10+JJT-11
40	26.7	14	23.5	GSV1-40-HTI	GSV1-40-SI	GSV1-40-NBR	JJT-10+JJT-11
50	38.3	15	29	GSV1-50-HTI	GSV1-50-SI	GSV1-50-NBR	JJT-15
60	57.8	16	38	GSV1-60-HTI	GSV1-60-SI	GSV1-60-NBR	JJT-15
80	101.1	18	53	GSV1-80-HTI	GSV1-80-SI	GSV1-80-NBR	JJT-15

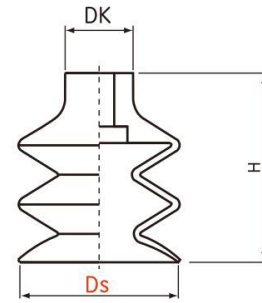
真空吸盘 (波纹管式/1.5)

Vacuum Cups(1.5bellows)



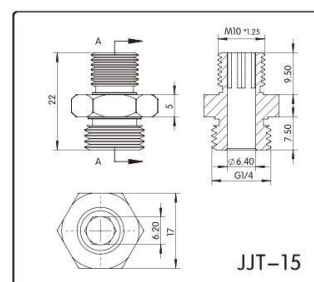
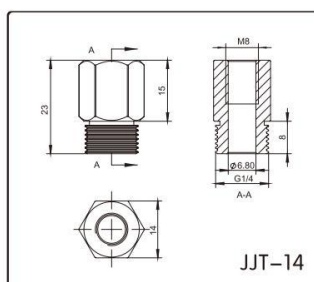
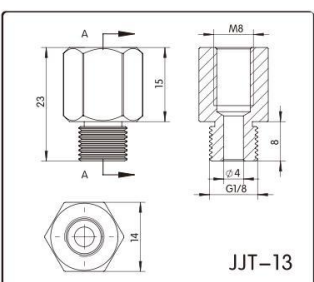
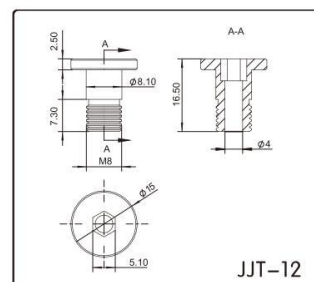
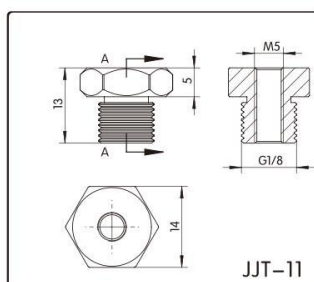
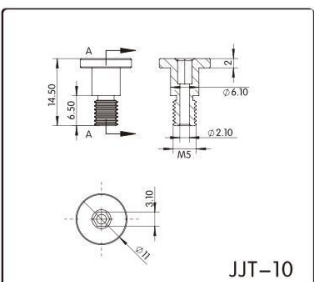
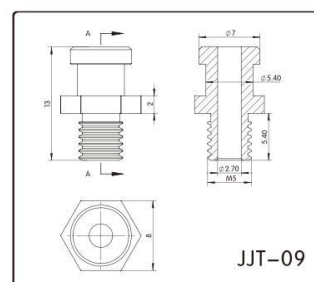
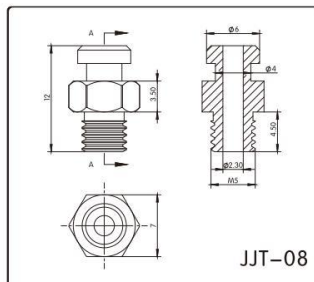
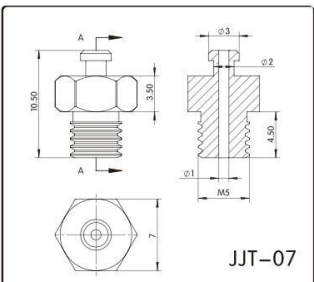
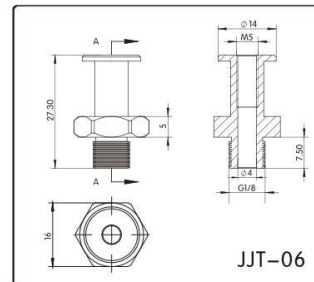
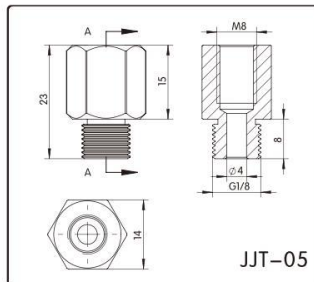
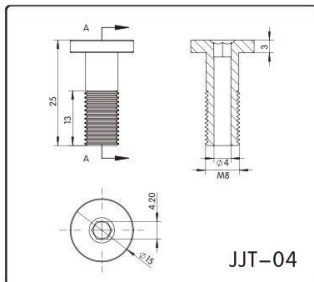
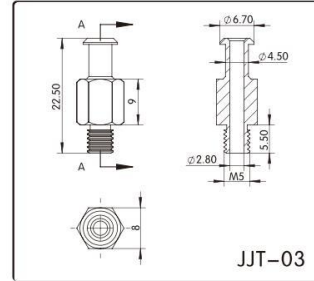
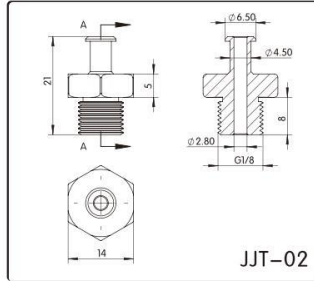
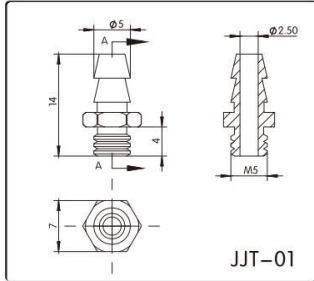
Ds(mm)	F(N)	H (mm)	DK(mm)	HTI	SI	NBR	金具头 Vacuum cup fitting
5.5	0.5	11	7	GSV2-5-HTI	GSV2-5-SI	GSV2-5-NBR	JJT-01
11	1.7	16	10	GSV2-11-HTI	GSV2-11-SI	GSV2-11-NBR	JJT-02/JJT-03
13	2.5	16	10	GSV2-14-HTI	GSV2-14-SI	GSV2-14-NBR	JJT-02/JJT-03
16	2.7	19	10	GSV2-16-HTI	GSV2-16-SI	GSV2-16-NBR	JJT-02/JJT-03
18	4.4	16.5	10	GSV2-18-HTI	GSV2-18-SI	GSV2-18-NBR	JJT-02/JJT-03
19	5.6	16	10	GSV2-20HTI	GSV2-20-SI	GSV2-20-NBR	JJT-02/JJT-03
22	6.1	19	10	GSV2-22-HTI	GSV2-22-SI	GSV2-22-NBR	JJT-02/JJT-03
25	7.9	23	10	GSV2-25-HTI	GSV2-25-SI	GSV2-25-NBR	JJT-02/JJT-03
33	13.9	27.5	18	GSV2-33-HTI	GSV2-33-SI	GSV2-33-NBR	JJT-04+JJT-05 JJT-06
43	20.2	28	18	GSV2-43-HTI	GSV2-43-SI	GSV2-43-NBR	JJT-04+JJT-05 JJT-06
53	42.6	34	18	GSV2-53-HTI	GSV2-53-SI	GSV2-53-NBR	JJT-04+JJT-05 JJT-06
63	59.2	34	18	GSV2-63-HTI	GSV2-63-SI	GSV2-63-NBR	JJT-04+JJT-05 JJT-06

真空吸盘（波纹管式/2.5） Vacuum Cups(2.5bellows)



Ds(mm)	F(N)	H(mm)	DK(mm)	HT1	SI	NBR	金具头 Vacuum cup fitting
5	0.5	13.5	7	GSV3-5-HT1	GSV3-5-SI	GSV3-5-NBR	JJT-01
7	0.9	13.5	9	GSV3-7-HT1	GSV3-7-SI	GSV3-7-NBR	JJT-02/JJT-03
9	1.1	15	9	GSV3-9-HT1	GSV3-9-SI	GSV3-9-NBR	JJT-02/JJT-03
12	2.8	21	10	GSV3-12-HT1	GSV3-12-SI	GSV3-12-NBR	JJT-02/JJT-03
14	3.0	23	10	GSV3-14-HT1	GSV3-14-SI	GSV3-14-NBR	JJT-02/JJT-03
18	4.4	23	10	GSV3-18-HT1	GSV3-18-SI	GSV3-18-NBR	JJT-02/JJT-03
20	4.6	23	10	GSV3-20-HT1	GSV3-20-SI	GSV3-20-NBR	JJT-02/JJT-03
25	6.5	34	10	GSV3-25-HT1	GSV3-25-SI	GSV3-25-NBR	JJT-02/JJT-03
32	12.1	37.5	18	GSV3-32-HT1	GSV3-32-SI	GSV3-32-NBR	JJT-04+JJT-05 JJT-06
42	20.9	46	18	GSV3-42-HT1	GSV3-42-SI	GSV3-42-NBR	JJT-04+JJT-05 JJT-06
52	28.9	49	18	GSV3-52-HT1	GSV3-52-SI	GSV3-52-NBR	JJT-04+JJT-05 JJT-06
62	41.2	55	21	GSV3-62-HT1	GSV3-62-SI	GSV3-62-NBR	JJT-04+JJT-05 JJT-06

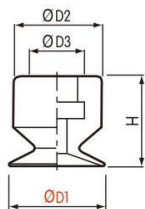
吸盘金具头
Vacuuming cups fitting



真空吸盘 Vacuum cups

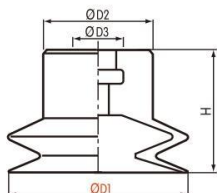
真空吸盘（扁平式）

Vacuum Cups(Flat)



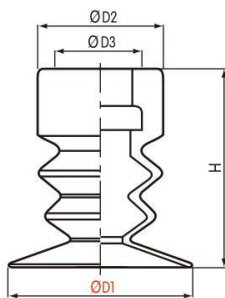
Model	D1(mm)	D2(mm)	D3(mm)	H (mm)	FINI	Materials
V-01-S02	2	10.5	7	16	0.5	Silicone
V-01-S04	4	10.5	7	16	0.7	Silicone
V-01-S06	6	10.5	7	10.5	0.9	Silicone
V-01-S08	8	10.5	7	10.5	1.1	Silicone
V-01-S10	10	10.5	7	10.5	1.6	Silicone
V-01-S12	12	10.5	7	10.5	2.0	Silicone
V-01-S15	15	12	7	12	3.7	Silicone
V-01-S20	20	12	7	12	6.1	Silicone
V-01-S25	25	12	7	12	9.4	Silicone
V-01-S30	30	12	7	12	15.9	Silicone

真空吸盘（波纹管式/1.5） Vacuum Cups(1.5bellows)



Model	D1(mm)	D2(mm)	D3(mm)	H (mm)	FINI	Materials
V-02-S06	6	12	7	13	0.5	Silicone
V-02-S08	8	12	7	15	0.7	Silicone
V-02-S10	10	12	7	11	0.9	Silicone
V-02-S11	11	12	7	11	1.1	Silicone
V-02-S12	12	12	7	11	1.6	Silicone
V-02-S15	15	15	7	11	2.0	Silicone
V-02-S20	20	15	7	13	3.7	Silicone
V-02-S25	25	15	7	13	6.1	Silicone
V-02-S30	30	18	7	13	9.4	Silicone

真空吸盘（波纹管式/2.5） Vacuum Cups(2.5bellows)

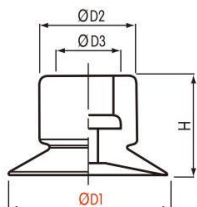


Model	D1(mm)	D2(mm)	D3(mm)	H (mm)	FINI	Materials
V-03-S06	6	11	7	14	0.5	Silicone
V-03-S08	8	11	7	14	1.0	Silicone
V-03-S10	10	11	7	14	1.5	Silicone
V-03-S12	12	11	7	14	2.8	Silicone
V-03-S15	15	11	7	14	3.0	Silicone

真空吸盘 Vacuum cups

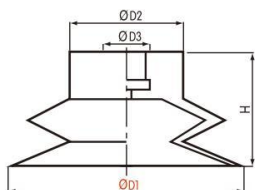
真空吸盘（扁平式）

Vacuum Cups(Flat)



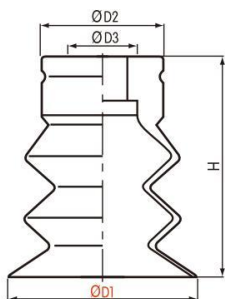
Model	D1(mm)	D2(mm)	D3(mm)	H (mm)	FINI	Materials
V-01-M04	4	15	11	14	0.7	Silicone
V-01-M06	6	15	11	15	0.9	Silicone
V-01-M08	8	15	11	15	1.1	Silicone
V-01-M10	10	15	11	15	1.6	Silicone
V-01-M12	12	15	11	15	2.0	Silicone
V-01-M15	15	16	11	15	3.7	Silicone
V-01-M20	20	16	11	15	6.1	Silicone
V-01-M25	25	15	11	15	9.4	Silicone
V-01-M30	30	16	11	15	15.9	Silicone
V-01-M40	40	17	11	16	26.7	Silicone

真空吸盘（波纹管式/1.5） Vacuum Cups(1.5bellows)



Model	D2(mm)	D3(mm)	H (mm)	FINI	Materials	
V-02-M06	6	15	11	17	0.5	Silicone
V-02-M08	8	15	11	17	1.2	Silicone
V-02-M10	10	15	11	17	1.7	Silicone
V-02-M12	12	15	11	17	2.5	Silicone
V-02-M15	15	15	11	18	2.7	Silicone
V-02-M20	20	15	11	18	5.6	Silicone
V-02-M25	25	15	11	18	7.9	Silicone
V-02-M30	30	18	11	19	12	Silicone
V-02-M40	40	23	11	22	20.2	Silicone
V-02-M50	50	24	11	24	40	Silicone

真空吸盘（波纹管式/2.5） Vacuum Cups(2.5bellows)



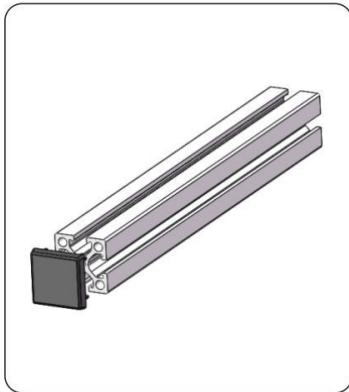
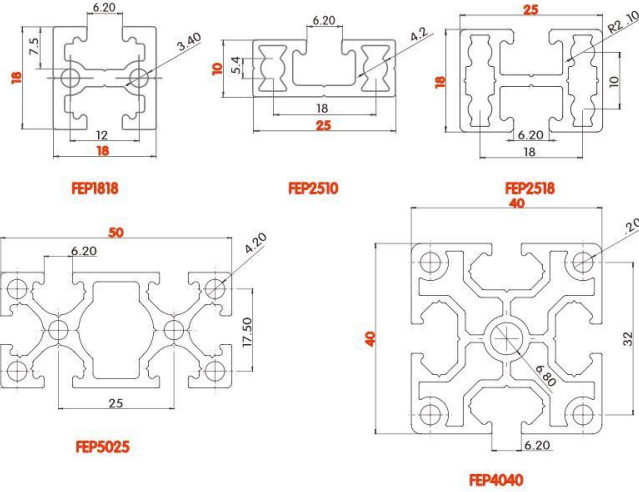
Model	D2(mm)	D3(mm)	H (mm)	FINI	Materials	
V-03-M08	8	15	11	13	1.0	Silicone
V-03-M10	10	15	11	15	1.5	Silicone
V-03-M15	15	15	11	11	3.0	Silicone
V-03-M20	20	15	11	11	4.6	Silicone
V-03-M25	25	17	11	11	6.5	Silicone
V-03-M30	30	17	11	11	12.1	Silicone
V-03-M40	40	20	11	11	20.5	Silicone
V-03-M50	50	20	11	11	25	Silicone

型材 Extruded profile

型材 Extruded profiles



First angle projection



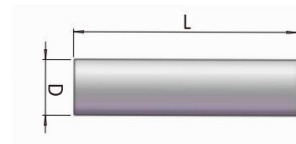
单位: mm

Model	Length	Weight	Plugs Model
FEP1818-1000	1000mm	425g	pp1818
FEP2510-1000	1000mm	310g	pp2510
FEP2518-1000	1000mm	400g	pp2518
FEP2525-1000	1000mm	610g	pp2525
FEP2525-2000	2000mm	1220g	pp2525
FEP5025-1000	1000mm	1040g	pp5025
FEP5025-2000	2000mm	2080g	pp5025
FEP4040-1000	1000mm	1300g	pp4040
FEP4040-2000	2000mm	2600g	pp4040

铝管 Aluminium tube



First angle projection

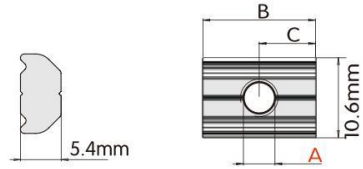
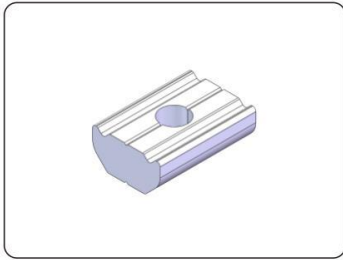


单位: mm

Model	D	L	T	Weight	Plugs
FAT0020-1000	20	1000	2	308g	
FAT0030-1000	30	1000	2.5	558g	

螺母 T-nuts

First angle projection

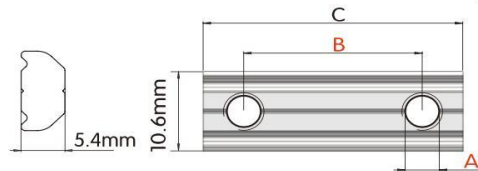
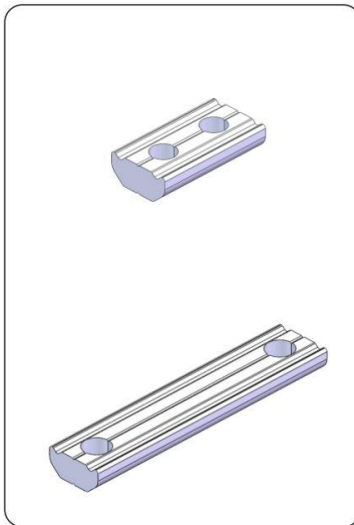


单位: mm

Model	A	B	C	Weight
STN-M4	M4	15	7.5	5g
STN-M5	M5	15	7.5	5g
STN-M6	M6	15	7.5	5g

双孔螺母 Double hole T-nuts

First angle projection

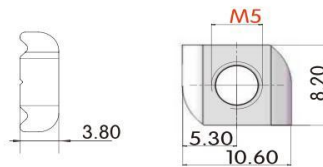
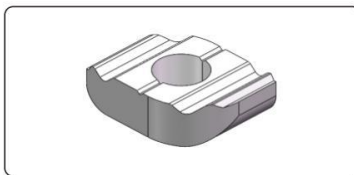


单位: mm

Model	A	B	C	Weight
STN-M4D8	M4	8	16	5g
STN-M5D10	M5	10	20	7g
STN-M5D15	M5	15	25	9g
STN-M5D17	M5	17	25	9g
STN-M5D22	M5	22	32	11g
STN-M5D25	M5	25	35	13g
STN-M5D28	M5	28	38	14g
STN-M5D30	M5	30	40	15g
STN-M5D35	M5	35	45	16g
STN-M5D40	M5	40	50	18g
STN-M5D50	M5	50	60	22g
STN-M5D60	M5	60	70	26g
STN-M5D90	M5	90	100	38g

附加螺母 Last-minute nut

First angle projection

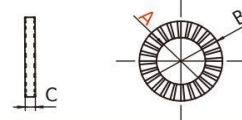
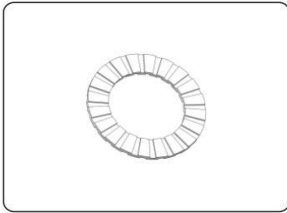


单位: mm

Model	Weight
STN-M5R	2g

固定支架 bracket

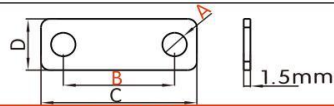
双齿垫片 Single hole shim



单位: mm

Model	A	B	C	Weight
STS-M3	3.5	5	0.45	
STS-M4	4.5	7	0.45	
STS-M5	5.5	9	0.55	
STS-M6	6.5	10	0.65	
STS-M8	8.5	11	0.65	

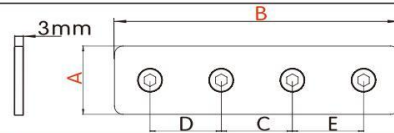
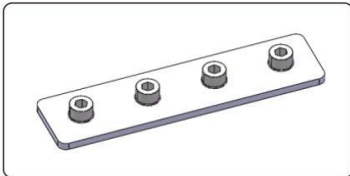
双孔垫片 Double hole shim



单位: mm

Model	A	B	C	D	Weight
STD-M4D8	4.5	8	16	12	
STD-M5D10	5.5	10	20	12	
STD-M5D15	5.5	15	25	12	
STD-M5D17	5.5	17	25	12	
STD-M5D22	5.5	22	32	12	
STD-M5D25	5.5	25	35	12	

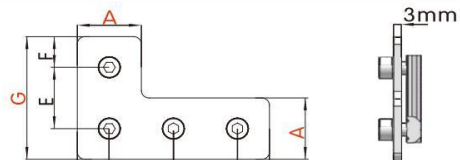
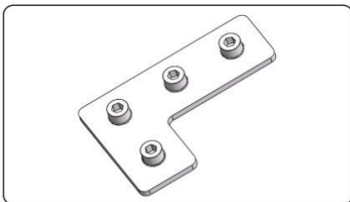
直型材连接板 Straight Fixing plate



单位: mm

Model	A	B	C	D	E	Weight
BSP-2550T	25	50	25	-	-	45g
BSP-25100T	25	100	25	25	25	95g
BSP-40160T	40	160	40	40	40	195g

L-型材连接板 L- Fixing plate



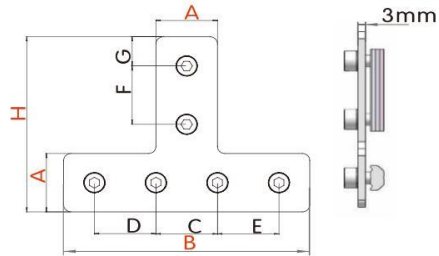
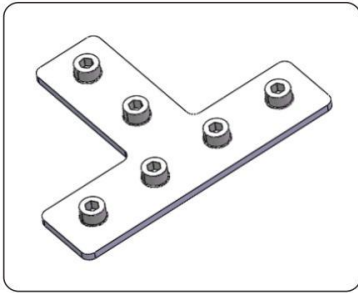
单位: mm

Model	A	B	C	D	E	F	G	Weight
BLP-2550T	25	50	25	-	25	12.5	50	70g
BLP-2575T	25	75	25	25	25	12.5	50	95g
BLP-40120T	40	120	40	40	40	20	80	200g

固定支架 bracket

T型型材连接板 T-shaped fixing plate

First angle projection

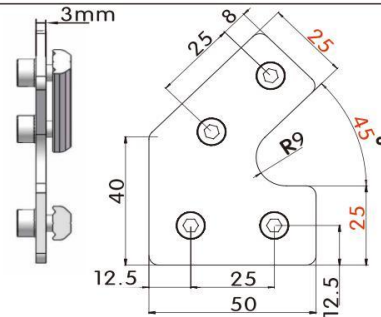
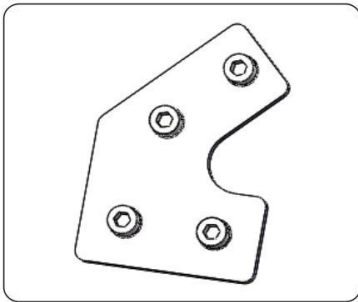


单位: mm

Model	A	B	C	D	E	F	G	H	Weight
BTP-2550T	25	50	25	-	-	25	12.5	75	95g
BTP-25100T	25	100	25	25	25	25	12.5	75	145g
BTP-40120T	40	120	90	-	-	40	15	110	250g

45° 型材连接板 45° shaped fixing plate

First angle projection

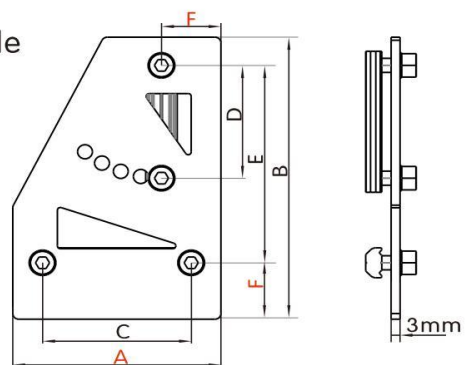
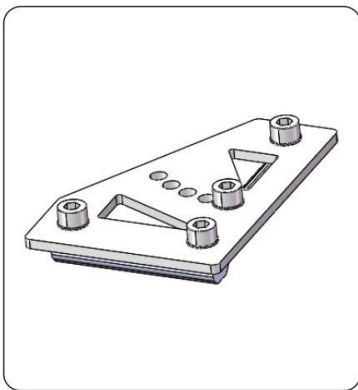


单位: mm

Model	Weight
BTP-45T	100g

可调角度型材连接板 shaped fixing plate with adjustable angle

First angle projection

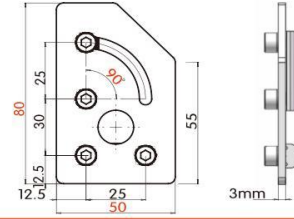
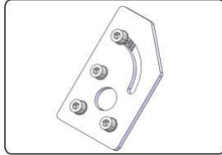


单位: mm

Model	A	B	C	D	E	F	Weight
BAP-A60T	60	85	40	40	76	12.5	130g
BAP-A90T	90	95	60	50	86	12.5	215g
BAP-A70T	70	100	50	40	90	20	175g

固定支架 bracket

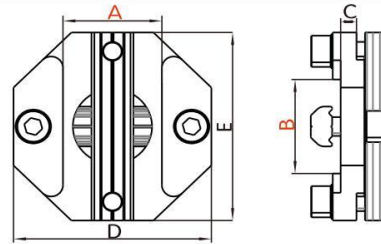
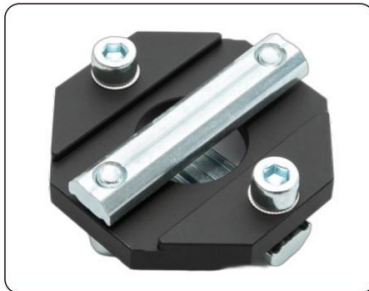
可调角度型材连接板 shaped fixing plate with adjustable angle



单位: mm

Model	Weight
BAP-A50T	115g

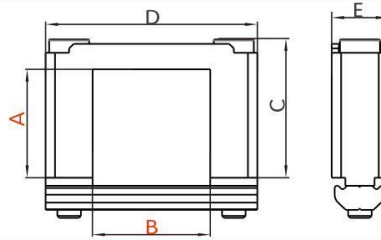
型材交叉固定支架 Cross Mounting Bracket For Profiles



单位: mm

Model	A	B	C	D	E	Weight
BCMB-1818T	18	18	2	38	38	40g
BCMB-1825T	18	25	4	38	45	60g
BCMB-2020T	20	20	4	50	50	30g
BCMB-2525T	25	25	4	50	50	75g
BCMB-2540T	25	40	4	45	60	75g
BCMB-2550T	25	50	4	70	70	155g
BCMB-2580T	25	80	4	45	100	140g
BCMB-4040T	40	40	4	60	60	85g
BCMB-4080T	40	80	4	60	100	175g
BCMB-5050T	50	50	4	70	70	170g
BCMB-8080T	80	80	4	100	100	255g

交叉（方形）连接件 Cross (Square) Joint Connector

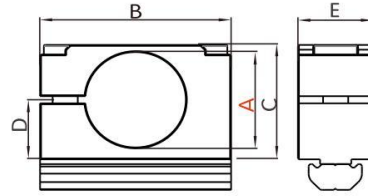


单位: mm

Model	A	B	C	D	E	Weight
BSMB-1818T	18	18	29	38	12	41g
BSMB-1825T	18	25	29	45	12	45g
BSMB-2525T	25	25	32	45	12	45g
BSMB-5025T	50	25	57	45	12	65g
BSMB-2550T	25	50	32	70	12	65g

固定支架 bracket

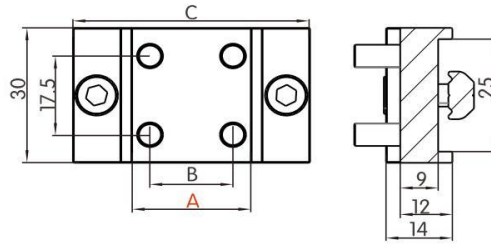
交叉（圆形）连接件 Cross (Round) Joint Connector



单位: mm

Model	A	B	C	D	E	Weight
BRMB-1025T	10	25	18.5	7	10	15g
BRMB-1432T	14	32	23	9	12	32g
BRMB-2038T	20	38	28	12.5	15	45g
BRMB-3050T	30	50	34	17	20	75g
BRMB-5070T	50	70	56	28	25	150g

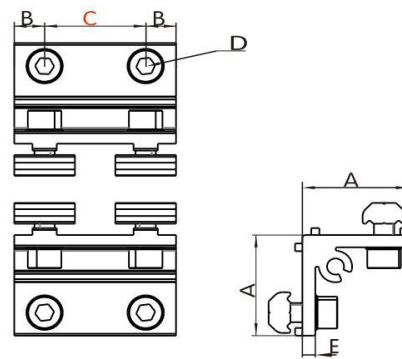
交叉连接件 Cross Joint Connector



单位: mm

Model	A	B	C	Weight
BVMB-2550T	25	50	17.5	65g
BVMB-5070T	50	70	42.5	85g

型材角支架 Angle bracket for profiles

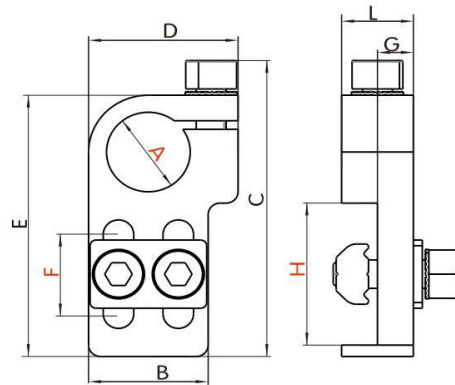


单位: mm

Model	A	B	C	D	E	Weight
BFAB-2525T	28	9	-	2x 5.2	3.2	10g
BFAB-2550T	28	7.5	25	4x 5.2	3.2	22g
BFAB-4040T	50	11	-	2x 6.2	6.2	38g
BFAB-4080T	50	15	40	4x 6.2	6.2	126g

固定支架 bracket

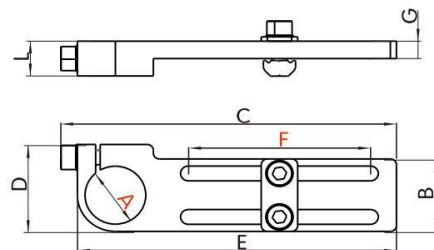
固定支架 Mounting bracket



单位: mm

Model	A	B	C	D	E	F	G	H	L	Weight
BMBE-1010T	10	16	43	20	38	10	4.5	18	8	20g
BMBE-1014T	10	16	49	20	44	14	4.5	25	8	21g
BMBE-1210T	12	16	43	20.5	38	10	4.5	18	8	22g
BMBE-1214T	12	16	50	20.5	45	14	4.5	25	8	10g
BMBE-1414T	14	20	52.1	25	46	14	6	25	12	34g
BMBE-2014T	20	25	57.1	30	51.5	14	6.2	25	12	45g
BMBE-2022T	20	25	74.1	30	68	22	6	40	12	48g

固定支架 Mounting bracket



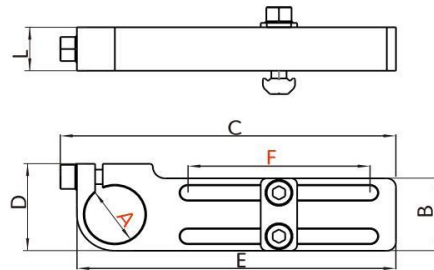
单位: mm

Model	A	B	C	D	E	F	G	L	Weight
BMBA1-0840T	8	16	75	20	70	40	4.5	8	13g
BMBA1-1040T	10	16	75	20	70	40	4.5	8	23g
BMBA1-1240T	12	16	75	20	70	40	4.5	8	12g
BMBA1-1440T	14	20	81.1	25	75	40	4.5	12	38g
BMBA1-1450T	14	20	91.1	25	85	50	6	12	40g
BMBA1-2060T	20	25	111.1	30	105	60	6.2	12	55g
BMBA1-3060T	30	35	121.1	40	115	60	6	12	95g

固定支架 bracket

重型固定支架 Heavy duty Mounting bracket

First angle projection

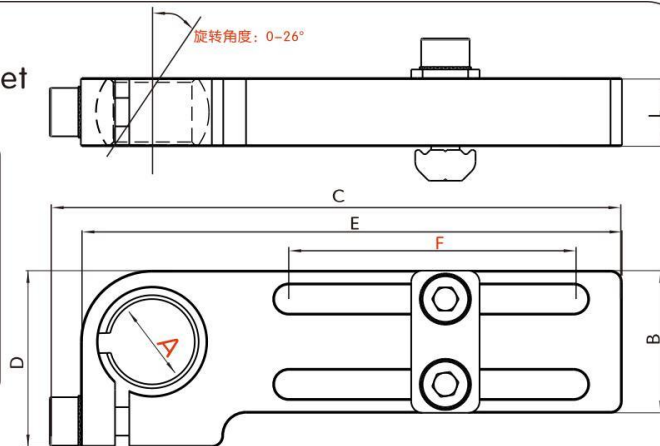


单位: mm

Model	A	B	C	D	E	F	L	Weight
BMBA2-1040T	10	16	75	20	70	40	8.3	30g
BMBA2-1240T	12	16	75	20	70	40	8.3	40g
BMBA2-1450T	14	20	91.1	25	85	50	12	60g
BMBA2-2060T	20	25	111.1	30	105	60	15	85g
BMBA2-3060T	30	35	121.1	40	115	60	20	175g

重型固定支架 Heavy duty Mounting bracket

First angle projection



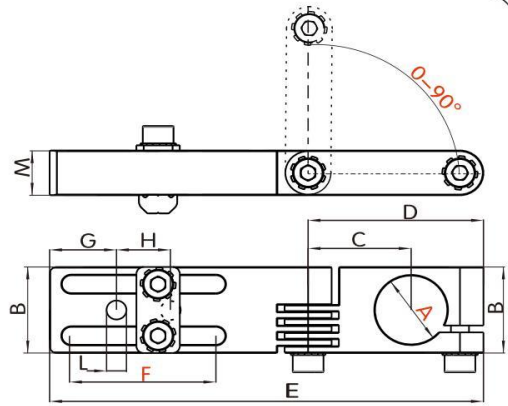
单位: mm

Model	A	B	C	D	E	F	L	Weight
BMBA2-R1040T	10	20	85	25	85	50	8.3	30g
BMBA2-R1450T	14	25	111.5	31	105	60	12	60g
BMBA2-R2060T	20	35	121.8	42	115	60	15	85g

固定支架 bracket

角度可调固定支架 Slotted angular bracket

First angle projection

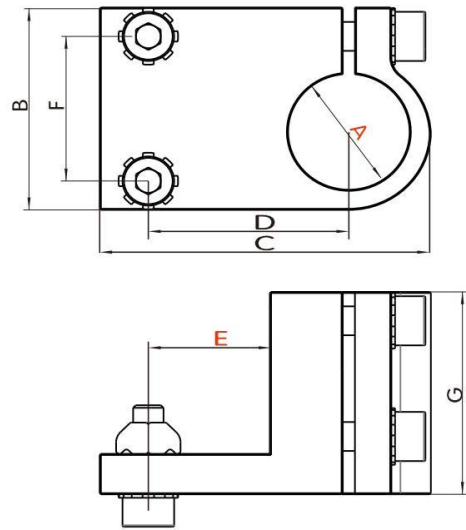


单位: mm

Model	A	B	C	D	E	F	G	H	L	M	Weight
BMBA3-1020T	10	16	14	26.5	70	20	-	-	-	9	30g
BMBA3-1220T	12	16	14	26.5	70	20	-	-	-	9	35g
BMBA3-1430T	14	25	17	33	85	30	13.5	15	5.1	11	50g
BMBA3-2040T	20	25	22	42	105	40	18.5	15	5.1	13	90g
BMBA3-3050T	30	36	28	54.5	115	50	21	22	5.1	16	185g

固定支架 Mounting bracket

First angle projection



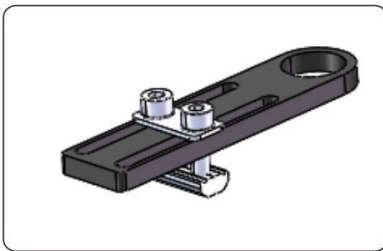
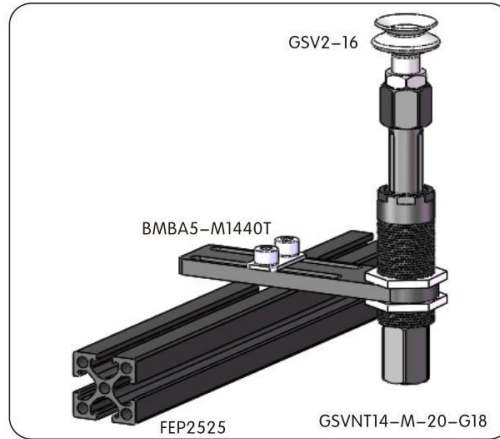
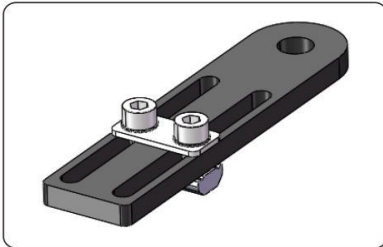
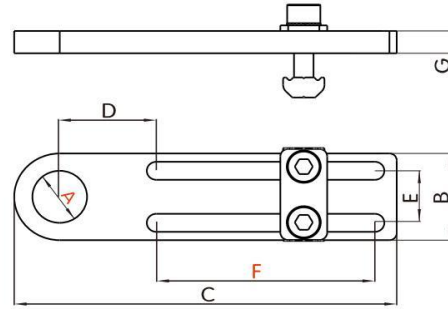
单位: mm

Model	A	B	C	D	E	F	G	Weight
BMBA4-1412T	14	25	40	22	12.5	15	25	50g
BMBA4-2012T	20	32	45	24.5	12.5	22	30	70g
BMBA4-2020T	20	35	54.5	33	20	25	35	95g
BMBA4-3012T	30	40	55	29.5	12.5	30	30	90g
BMBA4-3020T	30	45	65.5	39	20	35	40	150g

固定支架 bracket

固定支架
Mounting bracket

First angle projection

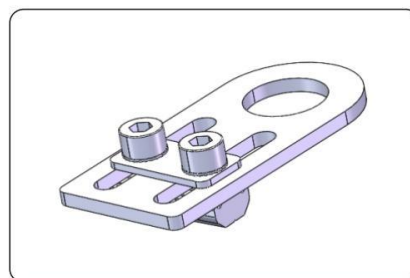
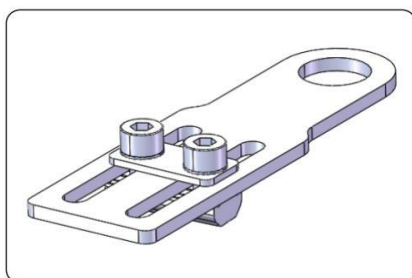
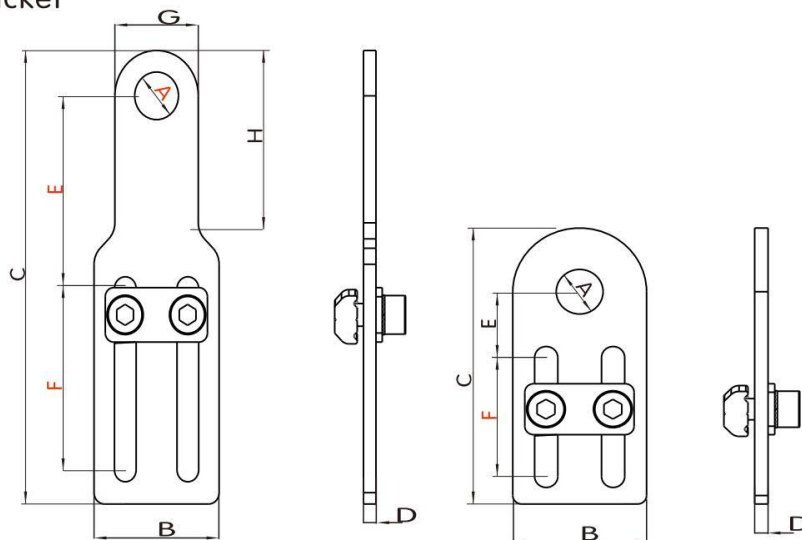


单位: mm

Model	A	B	C	D	E	F	G	Weight
BMBA5-G1840T	G1/8	20	75	19	10	40	6	25g
BMBA5-G1860T	G1/8	25	105	26.5	15	60	6	42g
BMBA5-M1040T	M10*1	20	75	19	10	40	6	30g
BMBA5-M1060T	M10*1	25	105	26.5	15	60	6	40g
BMBA5-M1240T	M12*1	20	75	19	10	40	6	30g
BMBA5-M1260T	M12*1	25	105	26.5	15	60	6	47g
BMBA5-M1440T	M14*1	20	75	19	10	40	6	20g
BMBA5-M1460T	M14*1	25	105	26.5	15	60	6	40g
BMBA5-M1640T	M16*1	20	75	19	10	40	6	20g
BMBA5-M1660T	M16*1	25	105	26.5	15	60	6	40g
BMBA5-M2040T	M20*1	25	75	16.5	15	40	6	30g
BMBA5-M2060T	M20*1	25	105	26.5	15	60	6	35g

固定支架 bracket

固定支架
Mounting bracket



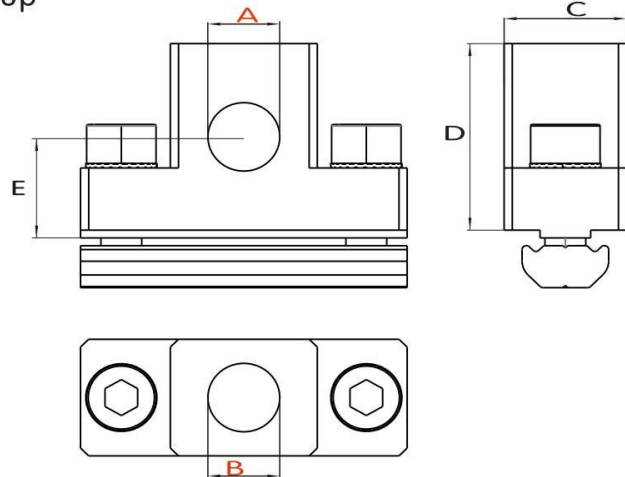
单位: mm

Model	A	B	C	D	E	F	G	H	Weight
BMBA6-1040T	10.5	30	100	3	42.5	40	6	38	60g
BMBA6-1240T	12.5	30	100	3	42.5	40	6	38	60g
BMBA6-1440T	14.5	30	100	3	42.5	40	6	38	60g
BMBA6-1640T	16.5	30	100	3	42.5	40	6	-	65g
BMBA6-2040T	20.5	30	100	3	42.5	40	6	-	60g
BMBA6-2240T	22.5	30	100	5	42.5	40	6	26	105g
BMBA6-2540T	25.5	30	100	5	42.5	40	6	26	100g
BMBA6-1028T	10.5	30	65	3	15.5	28	6	-	45g
BMBA6-1228T	12.5	30	65	3	15.5	28	6	-	45g
BMBA6-1428T	14.5	30	65	3	15.5	28	6	-	45g
BMBA6-1628T	16.5	30	65	3	15.5	28	6	-	45g
BMBA6-2028T	20.5	30	65	3	15.5	28	6	-	40g
BMBA6-2228T	22.5	30	70	5	17	28	6	26	75g
BMBA6-2528T	25.5	30	70	5	17	28	6	26	70g

固定支架 bracket

真空吸盘直接连接件 Direct connector for vacuum cup

First angle projection

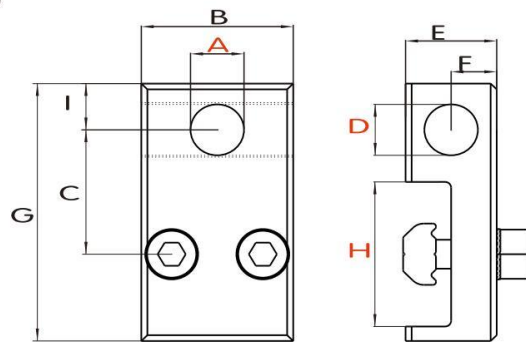


单位: mm

Model	A	B	C	D	E	Weight
GSVA-G18	G1/8	G1/8	15	24	12	42g
GSVA-G14	G1/4	G1/8	15	24	10	40g

真空吸盘固定支架 Mounting bracket for vacuum cup

First angle projection

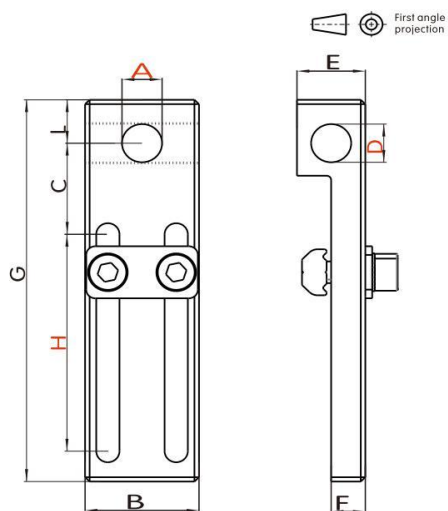
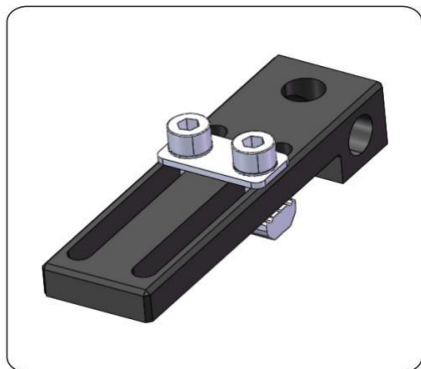


单位: mm

Model	A	B	C	D	E	F	G	H	I	Weight
GSVB-M5	M5	16	13.5	M5	8	4	29	18	4.3	15g
GSVB-G18	G1/8	25	21.5	G1/8	15	7.5	44.5	25	8	45g
GSVB-G14	G1/4	25	21.5	G1/8	15	7.5	46.5	25	10	45g

固定支架 bracket

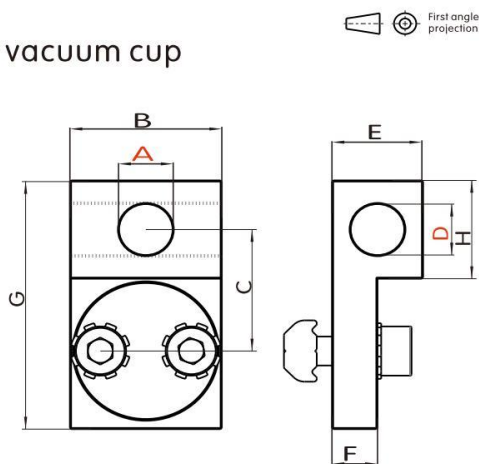
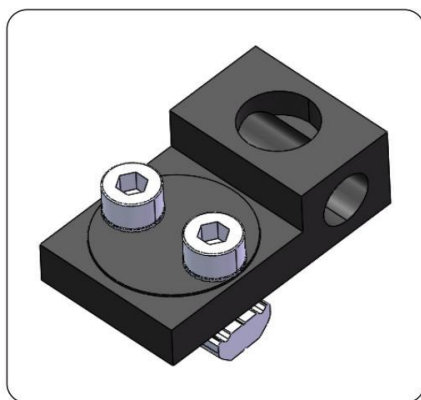
真空吸盘长固定支架 Long mounting bracket vacuum cup



单位: mm

Model	A	B	C	D	E	F	G	H	L	Weight
GSVC-M5	M5	16	14	M5	8	4	65	40	6	20g
GSVC-G18	G1/8	25	21	G1/8	15	7.5	88	50	10	60g
GSVC-G14	G1/4	25	21	G1/8	15	7.5	88	50	10	60g

真空吸盘可调角度固定支架 Adjustable angle mounting bracket for vacuum cup



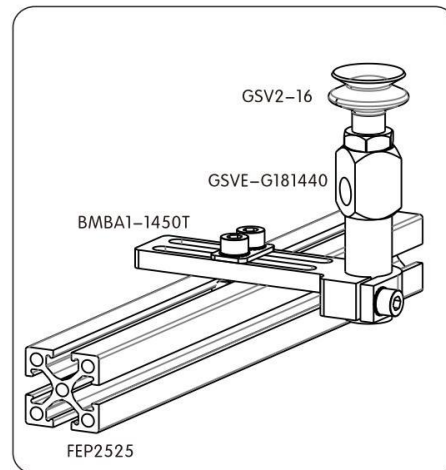
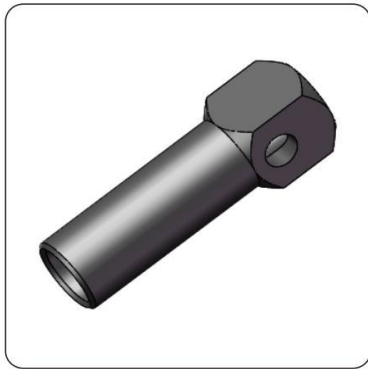
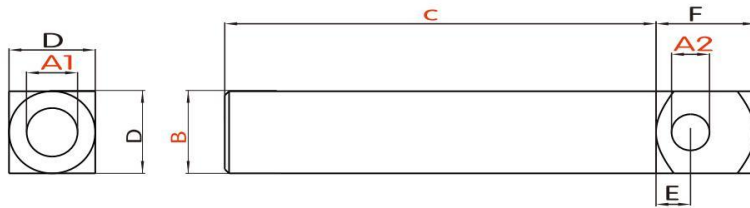
单位: mm

Model	A	B	C	D	E	F	G	H	Weight
GSVD-M5	M5	16	13	M5	10	5.3	28	10	15g
GSVD-G18	G1/8	25	21	G1/8	15	7.8	43	17	45g
GSVD-G14	G1/4	25	21	G1/8	15	7.8	43	17	42g

固定支架 bracket

真空吸盘支撑杆 Leg for vacuum cup

First angle projection

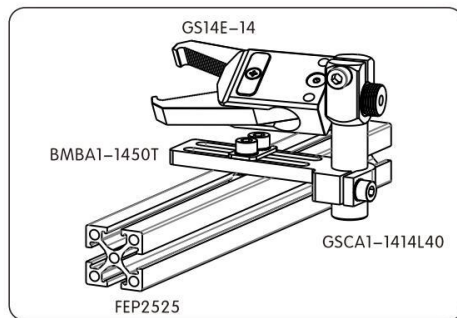
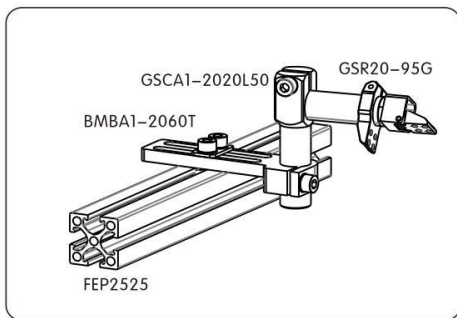
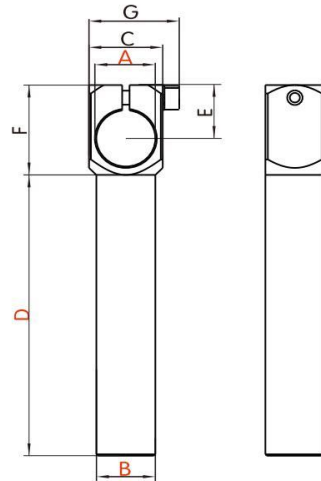


单位: mm

Model	A1	A2	B	C	D	E	F	Weight
GSVE-M51030	M5	M5	10	30	11	6	16	10g
GSVE-M51060	M5	M5	10	60	11	6	16	13g
GSVE-M51090	M5	M5	10	90	11	6	16	17g
GSVE-M51230	M5	M5	12	30	13	7	17	12g
GSVE-M51260	M5	M5	12	60	13	7	17	15g
GSVE-M51290	M5	M5	12	90	13	7	17	19g
GSVE-G181440	G1/8	G1/8	14	40	15	8	22	17g
GSVE-G181480	G1/8	G1/8	14	80	15	8	22	25g
GSVE-G1814120	G1/8	G1/8	14	120	15	8	22	32g
GSVE-G142050	G1/8	G1/4	20	50	20	8	23	40g
GSVE-G1420100	G1/8	G1/4	20	100	20	8	23	60g
GSVE-G1420150	G1/8	G1/4	20	150	20	8	23	75g

固定支架 bracket

夹腿
Clamp leg



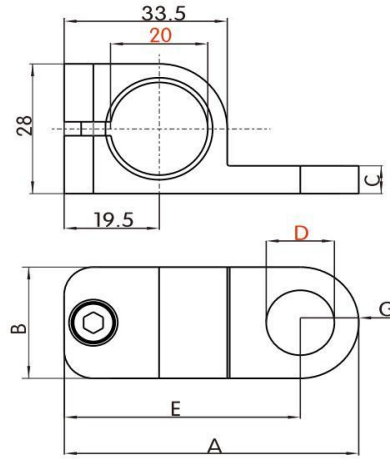
单位: mm

Model	A	B	C	D	E	F	G	Weight
GSCA1-1010L30	10	10	14	30	12	19	19	10g
GSCA1-1010L60	10	10	14	60	12	19	19	15g
GSCA1-1010L90	10	10	14	90	12	19	19	20g
GSCA1-1212L30	12	12	19	30	14	21	21	13g
GSCA1-1212L60	12	12	19	60	14	21	21	18g
GSCA1-1212L90	12	12	19	90	14	21	21	23g
GSCA1-1414L40	14	14	18	40	16	26	24	20g
GSCA1-1414L80	14	14	18	80	16	26	24	30g
GSCA1-1414L120	14	14	18	120	16	26	24	40g
GSCA1-2020L50	20	20	25	50	19	32	32	45g
GSCA1-2020L100	20	20	25	100	19	32	32	70g
GSCA1-2020L150	20	20	25	150	19	32	32	105g
GSCA1-3030L80	30	30	40	80	25	44	46	170g
GSCA1-3030L140	30	30	40	140	25	44	46	230g
GSCA1-3030L200	30	30	40	200	25	44	46	300g

固定支架 bracket

旋转支撑

Swivelling support

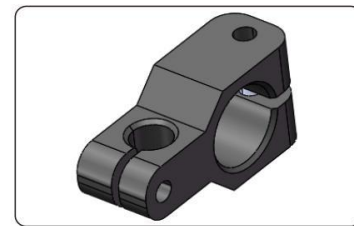
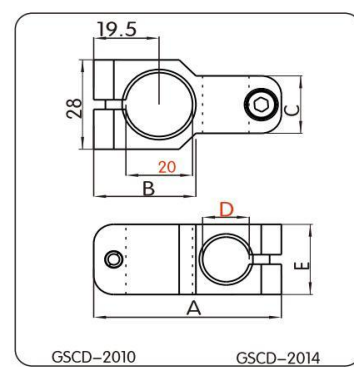
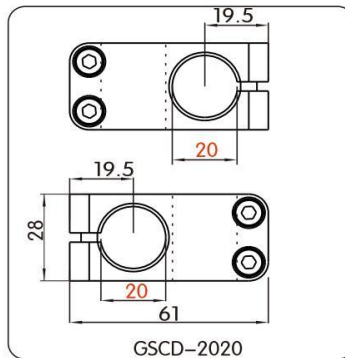


单位: mm

Model	A	B	C	D	E	G	Weight
GSCC-20G18	53.5	19	5	G1/8	44	R9.5	30g
GSCC-20M16	60.5	24	6	M16 × 1	48.5	R12	40g

交叉连接

Cross connection block



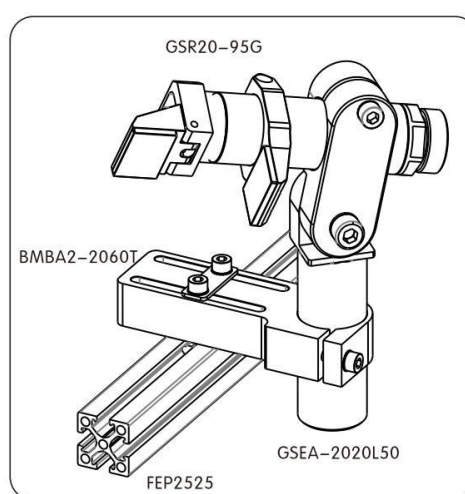
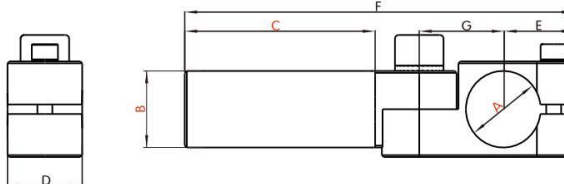
单位: mm

Model	A	B	C	D	E	Weight
GSCD-2010	54	32.5	14	10	19	40g
GSCD-2014	56	30.5	18	14	22	45g
GSCD-2020	-	-	-	-	-	70g

固定支架 bracket

弯臂
Elbow arm

First angle projection



单位: mm

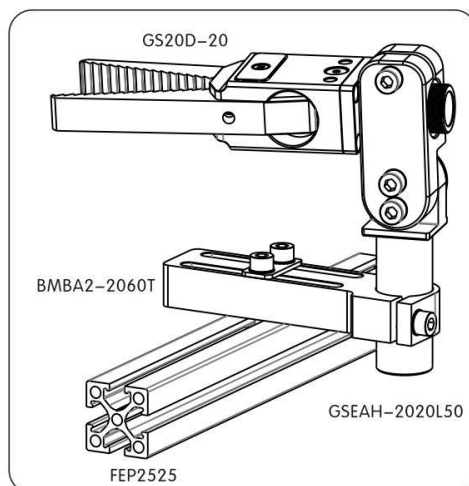
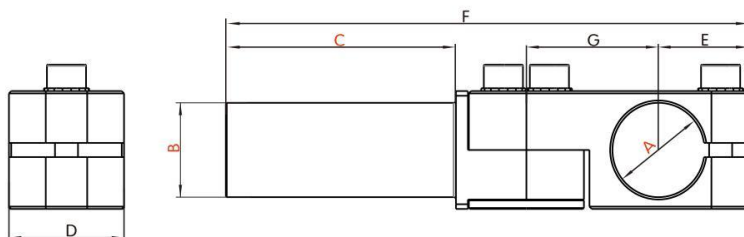
Model	A	B	C	D	E	F	G	Weight
GSEA-1010L60	10	10	60	10	13	93	12.5	20g
GSEA-1212L60	12	12	60	12	15	98	14.5	22g
GSEA-1414L40	14	14	40	14	16	82	16.5	32g
GSEA-1414L80	14	14	80	14	16	122	16.5	42g
GSEA-1414L120	14	14	120	14	16	162	16.5	50g
GSEA-2020L50	20	20	50	20	19	104	22.5	70g
GSEA-2020L100	20	20	100	20	19	154	22.5	90g
GSEA-2020L150	20	20	150	20	19	204	22.5	120g
GSEA-3030L80	30	30	80	30	27	160	34.8	235g
GSEA-3030L140	30	30	140	30	27	220	34.8	300g
GSEA-3030L200	30	30	200	30	27	280	34.8	360g

固定支架 bracket

重型弯臂 Heavy duty elbow arm



First angle projection

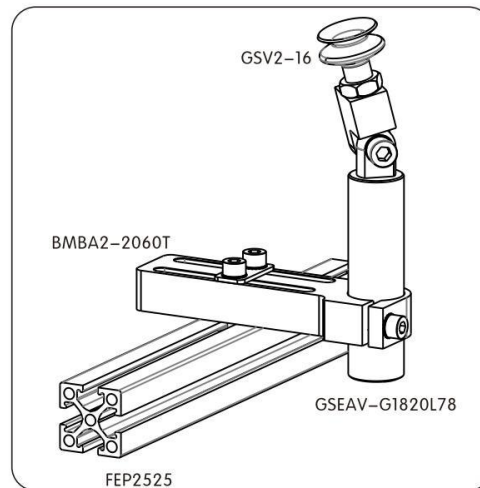
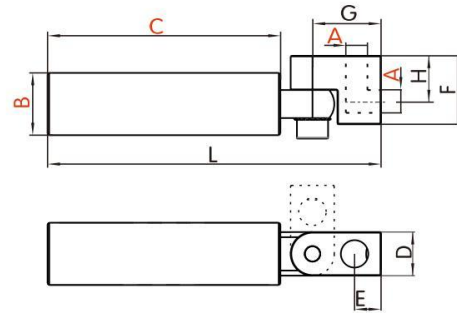


单位: mm

Model	A	B	C	D	E	F	G	Weight
GSEAH-2020L50	20	20	50	25	19.5	113.5	28.7	95g
GSEAH-2020L100	20	20	100	25	19.5	163.5	28.7	115g
GSEAH-2020L150	20	20	150	25	19.5	213.5	28.7	130g
GSEAH-3030L80	30	30	80	35	27.3	168.5	40.7	330g
GSEAH-3030L140	30	30	140	35	27.3	228.5	40.7	380g
GSEAH-3030L200	30	30	200	35	27.3	288.5	40.7	435g

固定支架 bracket

真空吸盘弯臂 Elbow arm for vacuum cup

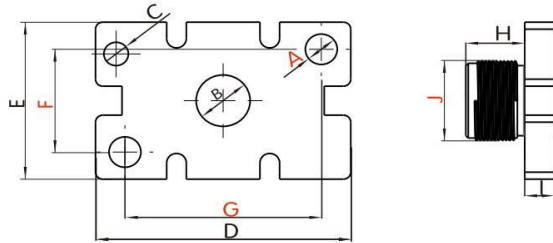
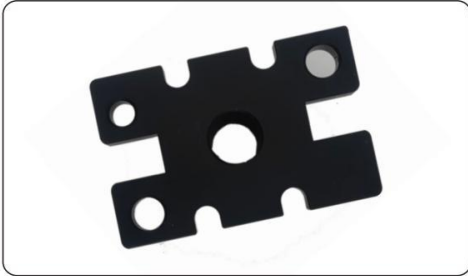


单位: mm

Model	A	B	C	D	E	F	G	H	L	Weight
GSEAV-M510L45	M5	10	45	10	5.5	16.5	22	11	64	18g
GSEAV-M510L90	M5	10	90	10	5.5	16.5	22	11	109	27g
GSEAV-G1814L60	G1/8	14	60	14	8.5	22	22	13.5	89	33g
GSEAV-G1814L120	G1/8	14	120	14	8.5	22	22	13.5	149	50g
GSEAV-G1820L78	G1/8	20	78	14	8.5	22	22	13.5	107	60g
GSEAV-G1820L153	G1/8	20	153	14	8.5	22	22	13.5	182	100g
GSEAV-G1420L75	G1/4	20	75	20	12	27	28	15	113	75g
GSEAV-G1420L150	G1/4	20	150	20	12	27	28	15	188	115g

固定支架 bracket

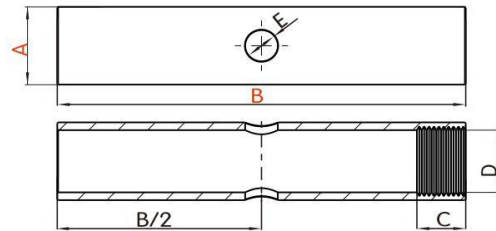
平行夹固定支架 Parallel gripper bracket



单位: mm

Model	A	B	C	D	E	F	G	H	I	J	Weight
GBPGB-10	3.2	6	2	23	16.4	12	18	14	4	M10*1	5g
GBPGB-16	4.2	7	3	30.6	23.6	15	22	15	5	M12*1	10g
GBPGB-20	5.5	7	4	42	27.6	18	32	15	5	M12*1	14g
GBPGB-25	6.5	11	5	52	33.6	22	40	18	6	M17*1	27g
GBPGB-32	6.5	11	5	60	40	26	46	18	6	M17*1	36g
GBPGB-40	8.5	20	5	72	48	32	56	20	8	M27*1	67g

延长杆 Extension tube

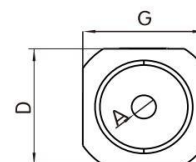
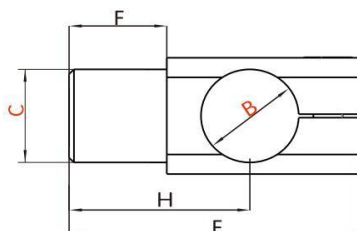


单位: mm

Model	A	B	C	D	E	Weight
BETB12-50	12	50	12	M10*1	5	9g
BETB12-100	12	100	12	M10*1	5	17g
BETB14-50	14	50	12	M12*1	5	10g
BETB14-100	14	100	12	M12*1	5	20g
BETB20-50	20	50	15	M17*1	8	16g
BETB20-100	20	100	15	M17*1	8	31g
BETB20-150	20	150	15	M17*1	8	47g
BETB30-50	30	50	18	M27*1	9	29g
BETB30-100	30	100	18	M27*1	9	58g
BETB30-150	30	150	18	M27*1	9	87g

固定支架 bracket

旋转支架 Rotation bracket

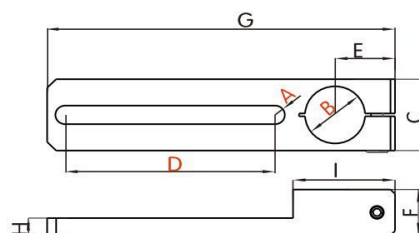


First angle projection

单位: mm

Model	A	B	C	D	E	F	G	H	Weight
GSMBR-0808M4	M4	8	8	12	32.5	11.5	12	17.5	7g
GSMBR-1208M4	M4	12	8	16	37.5	11.5	16	21.5	13g
GSMBR-1212M4	M4	12	12	16	39.5	13.5	16	23.5	15g
GSMBR-1212M4L	M4	12	12	16	55	29	16	39	20g
GSMBR-1420M6	M6	14	20	25	60	20	25	37	70g
GSMBR-2020M6	M6	20	20	25	60	20	25	37	59g
GSMBR-2020M6L	M6	20	20	25	85	45	25	62	81g

附加支架 Last-minute bracket



First angle projection

单位: mm

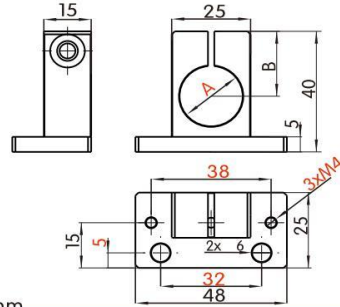
Model	A	B	C	D	E	F	G	H	I	Weight
GSCF-0840W12	4.5	8	12	40	14	16	70	6	20	14g
GSCF-0840W16	6.5	8	16	40	14	16	70	6	20	20g
GSCF-1240W16	6.5	12	16	40	16	16	75	6	25	21g
GSCF-2040W25	6.5	20	25	40	20	16	86	6	34	39g
GSCF-0870W12	4.5	8	12	70	14	16	100	6	20	18g
GSCF-0870W16	6.5	8	16	70	14	16	100	6	20	25g
GSCF-1270W16	6.5	12	16	70	16	16	105	6	25	25g
GSCF-2070W25	6.5	20	25	70	20	16	116	6	34	49g

固定支架 bracket

附加支架
Last-minute bracket



First angle projection

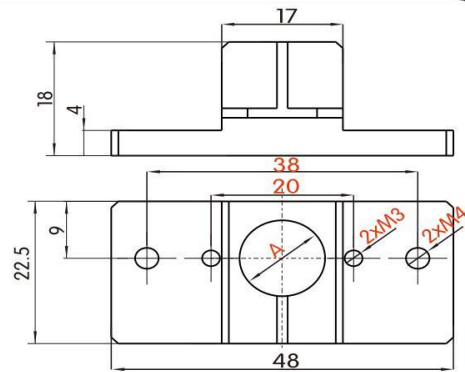


单位: mm

Model	A	B	Weight
GSMBU-08	08	15	45g
GSMBU-10	10	15	44g
GSMBU-12	12	16	43g
GSMBU-14	14	18	42g
GSMBU-20	20	21.5	39g

附加支架
Last-minute bracket

First angle projection

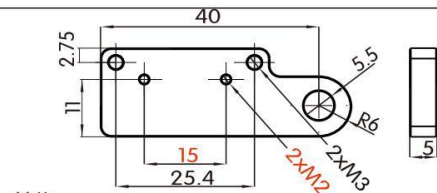


单位: mm

Model	A	Weight
GSMBD-08	08	25g
GSMBD-10	10	23g
GSMBD-12	12	20g

传感器支架
Sensor bracket

First angle projection

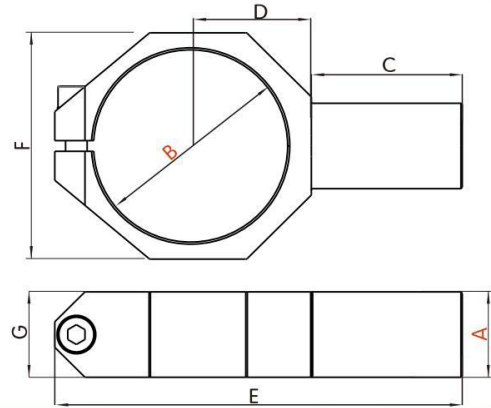


单位: mm

Model	Weight
BMBJ-5	9g

固定支架 bracket

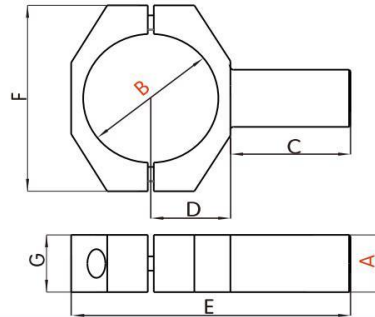
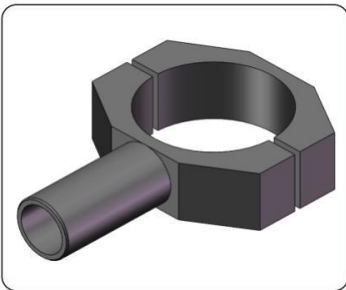
GT-NR 剪刀固定支架 GT-NR nipper mounting bracket



单位: mm

Model	A	B	C	D	E	F	G	Weight
GSCE-NR20	20	45	35	28	94.5	53	20	65g
GSCE-NR30	20	56	40	33	111	65	25	110g
GSCE-NR50	30	75	48	41	138	83	40	308g

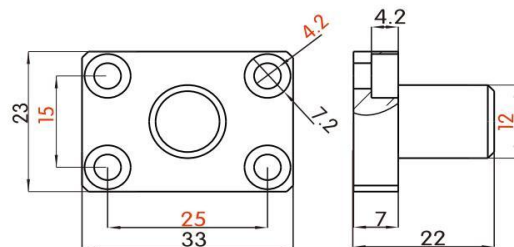
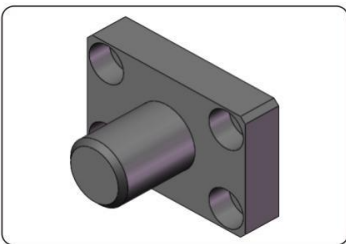
GT-NS 剪刀固定支架 GT-NS nipper mounting bracket



单位: mm

Model	A	B	C	D	E	F	G	Weight
GSCE-NS20	20	45	40	28	94	65	20	65g
GSCE-NS30	20	56	40	33	106	76	20	110g

GT-NY05 剪刀固定支架 GT-NY05 nipper mounting bracket



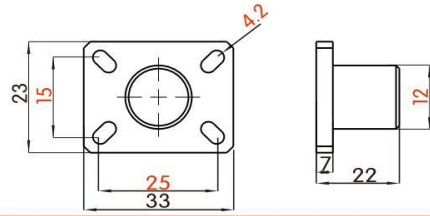
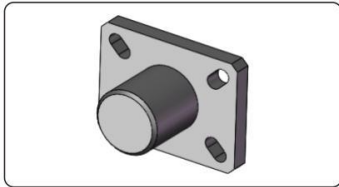
单位: mm

Model	Weight
GSCE2-05	17g

固定支架 bracket

GT-NY10,NY15 剪刀固定支架 GT-NY10,NY15 nipper mounting bracket

First angle projection

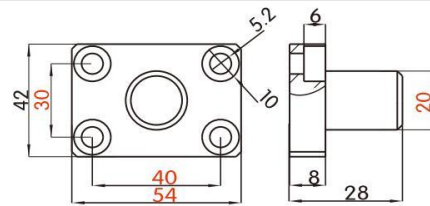
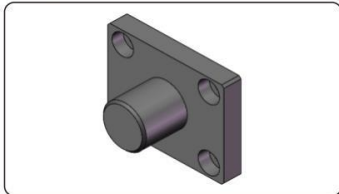


单位: mm

Model	Weight
GSCE2-1015	17g

GT-NY25 剪刀固定支架 GT-NY25 nipper mounting bracket

First angle projection

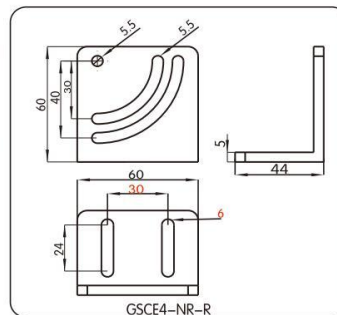


单位: mm

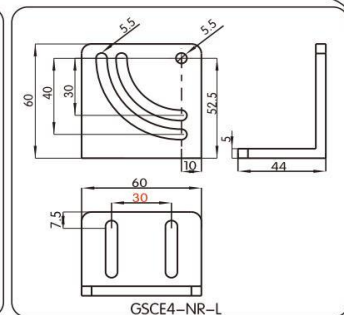
Model	Weight
GSCE2-25	61g

剪刀固定支架 nipper mounting bracket

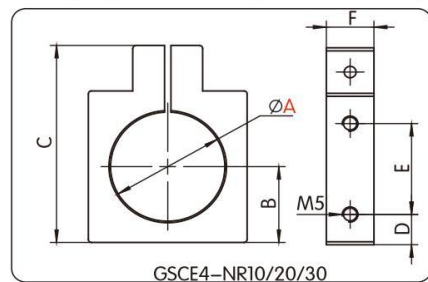
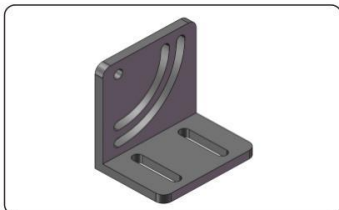
First angle projection



GSCE4-NR-R



GSCE4-NR-L



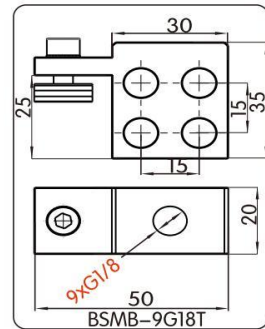
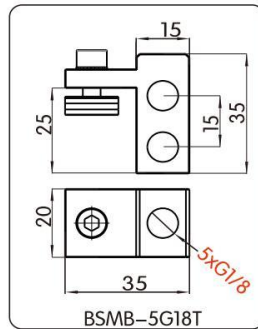
GSCE4-NR10/20/30

单位: mm

Model	A	B	C	D	E	F	Weight
GSCE4-NR10	36	25	65	10	30	15	72g
GSCE4-NR20	45	30	75	10	40	15	93g
GSCE4-NR30	56	35	85	10	40	15	111g
GSCE4-NR-L	-	-	-	-	-	-	65.5g
GSCE4-NR-R	-	-	-	-	-	-	65.5g

固定支架 bracket

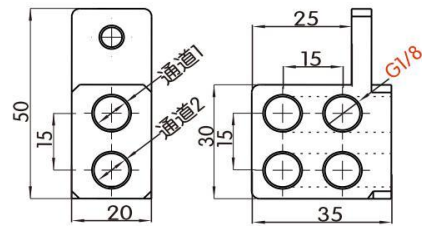
汇流排 Side manifold block



单位: mm

Model	Weight
BSMB-5G18T	30g
BSMB-9G18T	50g

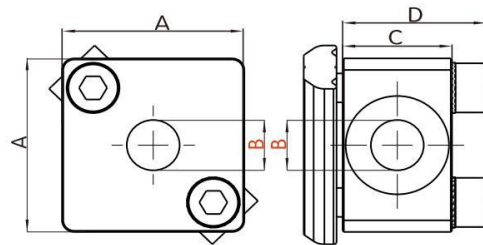
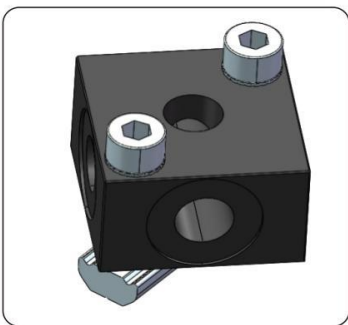
汇流排(双通道) Side manifold block(2 channels)



单位: mm

Model	Weight
BSMB-D5G18T	48g

多方位汇流组 Manifold block



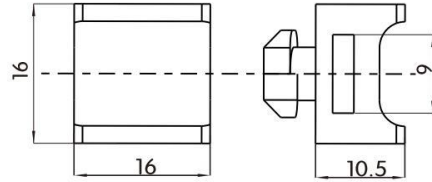
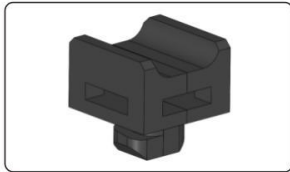
单位: mm

Model	A	B	C	D	Weight
BSMB-A5G18T	30	5xG1/8	18	24	50g
BSMB-A5G14T	40	5xG1/4	20	23	80g

固定支架 bracket

软管固定支架
Hose mounting bracket

10个一包
10 pieces package

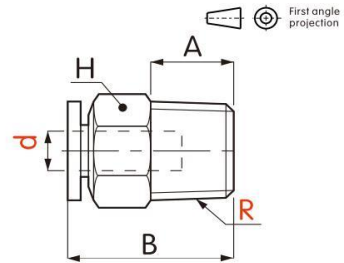


单位: mm

Model	Weight
GHB-1616	20g

气管接头 connector

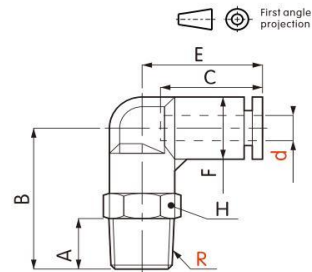
配件：直气管接头
Fitting: Straight male adaptor



单位：mm

Model	d	R	A	B	H	Weight
GSRG-S4-M5	4	M5 × 0.8	3	20	10	6.3g
GSRG-S4-01	4	G1/8	8	21	10	8.3g
GSRG-S4-02	4	G1/4	11	21	14	16g
GSRG-S6-M5	6	M5 × 0.8	3	22.1	12	9.2g
GSRG-S6-01	6	G1/8	8	22.6	12	9.3g
GSRG-S6-02	6	G1/4	11	24.6	14	18g
GSRG-S6-03	6	G3/8	12	23.6	17	28g
GSRG-S8-01	8	G1/8	8	27.9	14	16g
GSRG-S8-02	8	G1/4	11	26.6	14	16g
GSRG-S8-03	8	G3/8	12	23.9	17	24g

配件：L气管接头
Fitting:L male adaptor

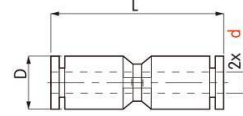


单位：mm

Model	d	R	A	B	C	E	F	H	Weight
GSRG-L4-M5	4	M5 × 0.8	3	20	14.9	18	10	10	8g
GSRG-L4-01	4	G1/8	8	21	14.9	18	10	10	11g
GSRG-L4-02	4	G1/4	11	21	14.9	18	10	14	21g
GSRG-L6-M5	6	M5 × 0.8	3	22.1	16.8	19.8	12.5	12	13g
GSRG-L6-01	6	G1/8	8	22.6	16.8	19.8	12.5	12	14g
GSRG-L6-02	6	G1/4	11	24.6	16.8	19.8	12.5	14	22g
GSRG-L6-03	6	G3/8	12	23.6	16.8	19.8	12.5	17	35g
GSRG-L8-01	8	G1/8	8	27.9	18.1	22.7	14.5	14	19g
GSRG-L8-02	8	G1/4	11	26.6	18.1	22.7	14.5	14	24g
GSRG-L8-03	8	G3/8	12	23.9	18.1	22.7	14.5	17	37g

气管接头 connector

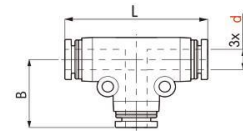
配件：直管接头
Fitting: Straight connector



单位：mm

Model	d	L	D	Weight
GSRG-4	4	30.8	10	4.7g
GSRG-6	6	34.9	12.5	6.5g
GSRG-8	8	37.8	14.5	9.4g

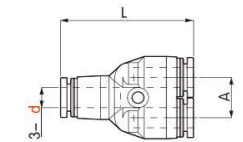
配件：T-管接头
Fitting: T-connector



单位：mm

Model	d	L	B	Weight
GSRG-T4	4	33	16.5	4.7g
GSRG-T6	6	41	20.5	6.5g
GSRG-T8	8	44	22	9.4g

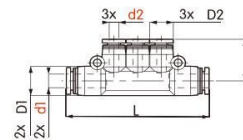
配件：Y-管接头
Fitting: Y-connector



单位：mm

Model	d	A	L	Weight
GSRG-Y4	4	11	32.8	7.6g
GSRG-Y6	6	13.5	37.7	11g
GSRG-Y8	8	15.5	42.4	16g

配件：分放管接头
Fitting: manifold connector



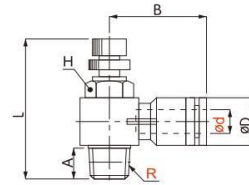
单位：mm

Model	d1	d2	D1	D2	E	L	Weight
GSRG-K4	6	4	13	10	18.4	74	16g
GSRG-K6	8	4	15	13	19.2	73	20g
GSRG-K8	8	6	15	13	21.3	73	23g

气管接头 connector

配件：节流-L接头

Fitting: Throttle valve-L connector

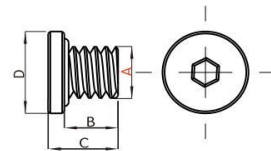


单位：mm

Model	d	R	D	A	B	L(min)	L(max)	H	Weight
GSRG-A4-M5	4	M5	8	2.9	15.4	27	29.7	8	7.2g
GSRG-A4-01	4	G1/8	8	8	17.7	34.9	41.5	10	17g
GSRG-A6-M5	6	M5	10.5	2.9	17.5	27	29.7	8	7.9g
GSRG-A6-01	6	G1/8	10.5	8	18.3	34.9	41.5	10	18g
GSRG-A6-02	6	G1/4	10.5	11.1	20.2	42.2	48.9	14	35g
GSRG-A8-01	8	G1/8	14.4	8	26.9	34.9	41.5	10	21g
GSRG-A8-02	8	G1/4	14.4	11.1	28.4	42.2	48.9	14	38g

配件：金属堵头

Fitting: Male plug with NBR O-ring

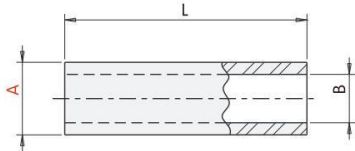


单位：mm

Model	A	B	C	D	Weight
GSRG-M5	M5	4	6	8	1.4g
GSRG-G1/8	G1/8	6	8.5	14	8g
GSCE4-G1/4	G1/4	8	11	17	20g

气管 HOSES

配件：软管
Fitting:Hoses



技术规格
Technical characteristics

T= -40° ÷ +60° C
P= -0.99 ÷ +10bar

A 外径, Outer diameter
B 内径, Inner diameter
L 长度, length
Lm 线重, Linear mass
T 适用温度范围, Temperature range
P 适用压力范围, Pressure range



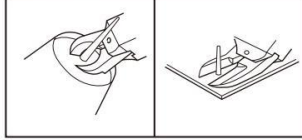
单位: mm

Model	Colour	A [mm]	B [mm]	L [m]	Lm [g/m]
Tu-4B	Black	4	2.5	100	10g
Tu-4BL	Blue	4	2.5	100	10g
Tu-4GR	Green	4	2.5	100	10g
Tu-4T	Transparent	4	2.5	100	10g
Tu-4Y	Yellow	4	2.5	100	10g
Tu-4R	Red	4	2.5	100	10g
Tu-4O	Orange	4	2.5	100	10g
Tu-6B	Black	6	4	100	19g
Tu-6BL	Blue	6	4	100	19g
Tu-6G	Green	6	4	100	19g
Tu-6T	Transparent	6	4	100	19g
Tu-6Y	Yellow	6	4	100	19g
Tu-6R	Red	6	4	100	19g
Tu-6O	Orange	6	4	100	19g
Tu-8B	Black	8	6	100	38g
Tu-8BL	Blue	8	6	100	38g



剪切直浇口树脂产品

Cutting direct gate molded components

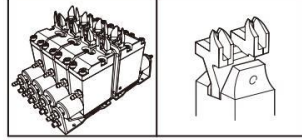


切割服装盒、头盔、管接头零件、垃圾桶、花盆等大口径浇口。

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

剪切多模成型树脂产品

Gate cut for multiple impression molded components

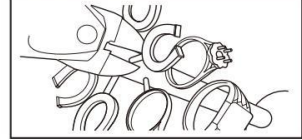


结构紧凑、轻便，带有报警装置，易于安装在卡盘和待机夹具上。能有有效的削减匹配周期时间

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

剪切珠宝首饰品

Taking products from a jewelry tree

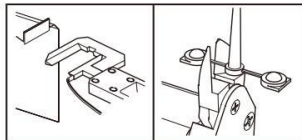


切割戒指、项链等贵金属。超强的耐用性和强大的刀头，大大的提高效率。

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

剪切透镜、导光板等透明产品

Gate cutting for lenses, LGP, and transparent products

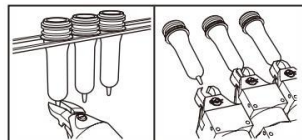


防止剪切浇口裂纹、卷边、白化，采用加热型气动剪刀进行剪切。刀头温度与剪切速度相互配合，达到高精度剪切效果。

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

剪切透镜、导光板等透明产品

Pre-form cutting for food and drug cases

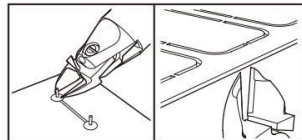


广泛安装于预成型机，提高生产效率和剪切精度，提升产品质量。

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

剪切电子元件和电路板

Cutting electronic components and around boards

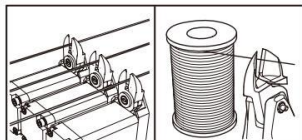


最适于手动剪切焊接后的电路引线，大幅度降低手腕疲劳。电路板安装于台式机器人上进行剪切

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

剪切卷线机绕线

Wire cutting with coil winding machine

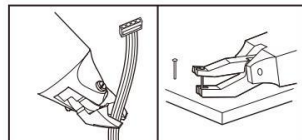


气动剪刀安装于卷线机绕线切断单元上，筒短不能拆开的粗线

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

剪切卷线机绕线

Hand tools for dismantling in recycling plants

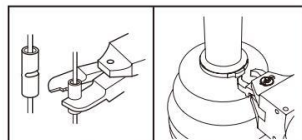


在个人电脑和办公自动化设备、弹球机、电视机、冰箱和洗衣机等回收工厂中七个各种电线、铜管和钢带等。可用于拔出弹球游戏机的销钉。

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

用于段子的铆接、压边

Crimping task for solderless terminals

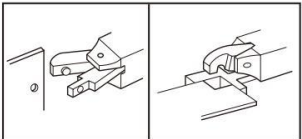


用于配电板、电子产品、照明设备等各种电路连接线的端子压边。降低手指和手腕疲劳

For crimping terminals with various wiring harnesses such as for switchboards, electrical products and lighting equipment. Less strain on fingers and wrists. Increased work efficiency for stop rings for auto parts.

用于铝制品或树脂部材的开孔

Die cutter for aluminum products and plastic components

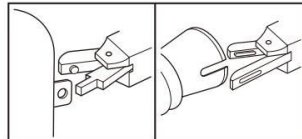


特殊定做刀头，可用于铝制窗框或薄板的开孔

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

用于吹塑成型产品的开孔、冲孔

Punching of blow molded products, punching slotted holes

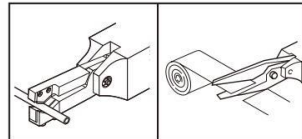


应用于生产工序中无法进行开孔、冲孔工序的容器、管路产品

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

其他应用

Other applications



微刃气剪，可以切割各种难切割的纤维、碳纤维、芳纶纤维和软塑料板。用于切割牛仔褲、回收高尔夫球、纺织机械边缘切割的刀头等

Micro-edge air scissors that can cut various hard-to-cut fibers, carbon, aramid fibers, and soft plastic sheets. Nippers for cutting belt loops of jeans, peeling recycled golf balls, cutting edges with textile machinery, etc.

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

材质确认 Check materials

需要剪切产品的材质?

- 金属丝
 - 钢丝
 - 铜丝
 - 钢琴线 (未经热处理/ HV320或以下)、贵金属等
- 树脂成型品
 - 软塑料 (聚氯乙烯, 聚乙烯)
 - 硬塑料 (丙烯酸, 聚碳酸酯, ABS等)
- 其他应用
 - 确认材质, 实际应用和操作内容 (弯曲、铆合、冲孔、自动剪切, 手动剪切等)

What is the "cutting target (workpiece)"?

- Metal wire
 - Steel wire
 - Copper wire
 - Piano wire (not heat processed/HV320 or below), precious metals etc.
- Molded plastic
 - Soft plastic (PP, PE, PS, PVC, PMMA, AS etc.)
 - Hard plastic (PPS, PA, PBT, LCP, ABS, POM, PC, GF etc.)
- Other applications
 - Check materials, applications and work. (Bending, caulking, punching, robotic hand, and scissors.)

尺寸检查 Check dimensions

切割部件的尺寸有多大? How big is the "size of the cut portion"?

- 金属
 - 角度 (mmxmm) [根据截面积选择型号]
 - 圆形 (Φ mm)
- 塑料
 - 角度 (mmxmm) [根据截面积选择型号]
- 其他应用
 - 确认材质, 实际应用和操作内容。
- Metal
 - Angle (mm × mm) [select model by cross-section area]
 - Round (Φ mm)
- Plastic
 - Angle (mm × mm) [select model by cross-section area]
- Other applications
 - Check materials, applications and work.

使用 Usage

“工作的状态/环境”是怎样的?

What is the "state/environment of the work"?

- 用于自动化剪切
- 用于手动剪切
- 安装在夹具上使用, 等等
- Used mounted on automated machinery and robots.
- Used for manual work.
- Used mounted on a jig. And so forth

型号选择 Select model

选择合适的型号。

Choose a model suitable for the purpose.

请按照[使用方式和剪切尺寸]选取气动剪刀本体, 按照[剪切材质, 尺寸, 形状等]选取刀头。

刀本体和刀头的特点, 用途等, 请参考各自的[产品规格],

另外本体选取时请参考[性能选择指南]

根据剪切产品形状, 材质的不同, 标准品可能无法对应。

Choose based on "usage and cut dimensions" for the main unit, and "material and dimensions/shape" for the blades.

Refer to "product specifications" for the main unit/blade characteristics/usage, respectively. Also when selecting the machine, refer to "capability selection chart".

The shape/material of the workpiece may not be compatible with standard products.

性能选择指南 Capability selection chart

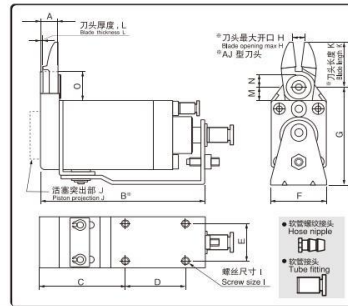
类型 Types	Cutting material 切割材质						端子压边 Solderless terminals	适用机型 Application model	空气压力 Airpressure (MPa)
	铜丝 Copper wire	钢丝 无加热处理 Steel wire (Non-heat treated)	钢琴丝 (硬度HRC3.0以上) PianoWire (HV 320 or below)	软塑料 Soft Plastic		硬塑料 Hard Plastic			
				直径 (Diameter)	横截面 (Cross Section)				
N · NS · NR	1.0mm	0.5mm	0.2mm	2.0mm	3.1mm	2.0mm 2.6 4.0 5.0 6.5 6.5	1.25/2.0	NS2,N3,NS3,NR3	0.4~0.5
	1.0	0.5	0.3	2.0	3.1			N5,NS5,NR5	0.4~0.5
	1.6	1.0	0.5	3.0	7.0			N7,NS7,NR7	0.4~0.5
	1.8	1.2	0.5	4.0	12.5			N10,NS10L,NR10L	0.4~0.5
	2.3	1.7	0.6	4.5	15.8			N12	0.4~0.5
	2.6	2.0	1.0	7.0	38.4			N20,NS20,NR20	0.5~0.6
	3.3	2.8	1.2	10.0	78.5			N30,NS30,NR30	0.5~0.6
	5.5	4.5	2.0	12.0	113.0			N50,NR50	0.5~0.6
增压器 With pressure booster	2.6	1.6		5.0	19.6	4.0	12.5/2.0	P-10L	
	3.0	2.2		8.0	50.2	6.0	2.0/5.5	P-20	
	4.8	4.0		13.0	132.6	7.0	~0.8	P-30	
	6.5	5.5						P-50	
NY	1.6	1.0		2.0	3.1	1.3		NY03	0.4~0.5
				3.0	7.0	2.0		NF05,NY05	0.4~0.5
				3.5	9.6	2.3		NF10,NY10	0.4~0.5
				4.0	12.5	2.6		NF15,NY15	0.4~0.5
				5.0	19.6	3.4		NY25	0.5~0.6
NT				1.5	1.7	1.0		NT03	0.4~0.5
				2.5	4.9	1.5		NT05	0.4~0.5
				3.5	9.6	2.3		NT10	0.4~0.5
				5.0	19.6	3.4		NT20	0.4~0.5
	AS, HS, BJ type		BBB	AP, PF, AJ type			ACD type		

气动剪刀 AIR Nipper

滑动式气动剪刀NY系列 横向型 GT-NY05/10/15/25 Slide-Off Air Nippers Horizontal-Type

横向滑动有助于空间有效利用。
机身紧凑（高度低），不妨碍卡盘运行。

The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed without obstructing the operations of the chuck plate.



Capacity φ (mm)				Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction	Spec. & Size of the Hose Port
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
3.0	2.0	1.6	1.0	GT-NY05	8.6	75.9	40.9	25	15	23	47.6	4	M4	3	22	1.6	8.5	6.25	16.5	48	155	Pull 0~3	W/hose nipple
3.0	2.0	1.6	1.0	GT-NY05R																48	155	Push 0~3	Hose I.D. φ2.5mm
3.0	2.0	1.6	1.0	GT-NY05-4																48	155	Pull 0~3	W/tube fitting
3.0	2.0	1.6	1.0	GT-NY05R-4																48	155	Push 0~3	Hose I.D. φ2.5XO.D. φ4mm
3.5	2.3			GT-NY10	8.8	82.1	42.1	30	20	28	51.6	6	M4	5	24	1.6	7.5	6.25	15.5	68	210	Pull 0~3	W/hose nipple
3.5	2.3			GT-NY10R																68	210	Push 0~3	Hose I.D. φ2.5mm
3.5	2.3			GT-NY10-4																68	210	Pull 0~3	W/tube fitting
3.5	2.3			GT-NY10R-4																68	210	Push 0~3	Hose I.D. φ2.5XO.D. φ4mm
4.0	2.6			GT-NY15	10.2	93	48	35	25	33	58	8	M4	5	27	2	7.5	6.25	16.5	136	319	Pull 0~3	W/hose nipple
4.0	2.6			GT-NY15R																136	319	Push 0~3	Hose I.D. φ2.5mm
4.0	2.6			GT-NY15-4																136	319	Pull 0~3	W/tube fitting
4.0	2.6			GT-NY15R-4																136	319	Push 0~3	Hose I.D. φ2.5XO.D. φ4mm
5.0	3.4			GT-NY25	12.5	108.5	54.5	40	30	42	69	9	M5	2	31	2.5	10.5	7	20.5	184	580	Pull 0~5	W/hose nipple
5.0	3.4			GT-NY25R																184	580	Push 0~5	Hose I.D. φ4mm
5.0	3.4			GT-NY25-6																184	580	Pull 0~5	W/tube fitting
5.0	3.4			GT-NY25R-6																184	580	Push 0~5	Hose I.D. φ4XO.D. φ6mm

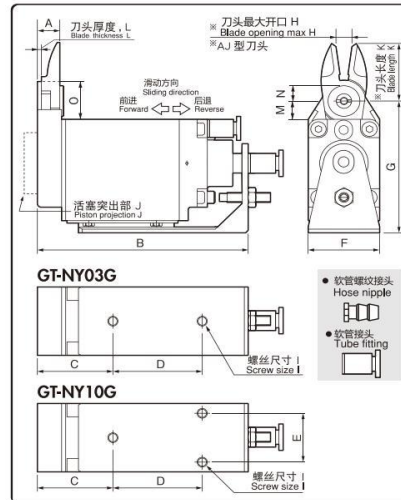
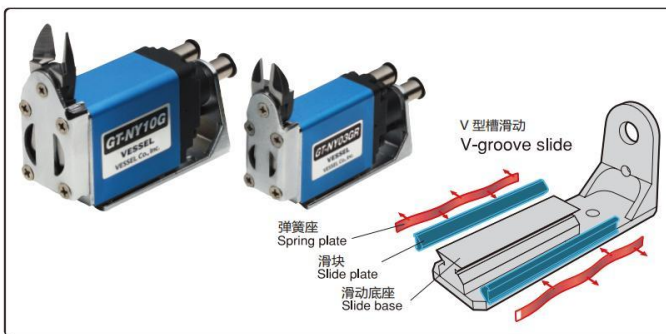
※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure: 0.4~0.5 MPa (NY25 type: 0.5~0.6)
※B refers to the distance from the cut position for PUSH style models, and the distance from the start position for PULL style models.

滑动式气动剪刀NY系列 横向型 GT-NY03G/10G Slide-Off Air Nippers Horizontal-Type

Patented

V型槽滑座确保定位稳定。
本体不承受倾斜负荷，实现高精度剪切。

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



Capacity φ (mm)				Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction	Spec. & Size of the Hose Port
Soft Plastic	Hard Plastic				A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
2.0	1.3			GT-NY03G	8.6	74.5	29.5	30	-	19	46.5	3	M4	0	21	1.6	7.5	5.25	14.5	37	160	Pull 0~3	W/hose nipple
2.0	1.3			GT-NY03GR																37	160	Push 0~3	Hose I.D. φ2.5mm
2.0	1.3			GT-NY03G-4																37	160	Pull 0~3	W/tube fitting
2.0	1.3			GT-NY03GR-4																37	160	Push 0~3	Hose I.D. φ2.5XO.D. φ4mm
3.5	2.3			GT-NY10G	8.8	82.6	29.6	35	20	28	54	6	M4	5	24	1.6	7.5	6.25	15.5	68	275	Pull 0~3	W/hose nipple
3.5	2.3			GT-NY10GR																68	275	Push 0~3	Hose I.D. φ2.5mm
3.5	2.3			GT-NY10G-4																68	275	Pull 0~3	W/tube fitting
3.5	2.3			GT-NY10GR-4																68	275	Push 0~3	Hose I.D. φ2.5XO.D. φ4mm

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

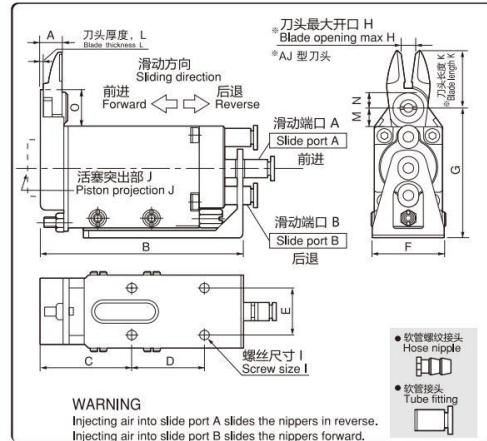
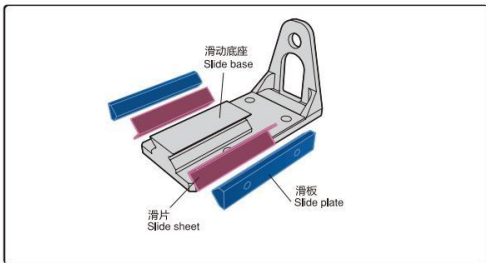
Blade is optional. Note that forward and backward-facing blades are available

气动剪刀 AIR Nipper

滑动式气动剪刀NY系列 横向复动式 GT-NY10S/25S Double Action Sliding Air Nippers

手动单元的无弹簧滑动结构提供平稳的运动。
采用V型槽滑台进行高精度定位。

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



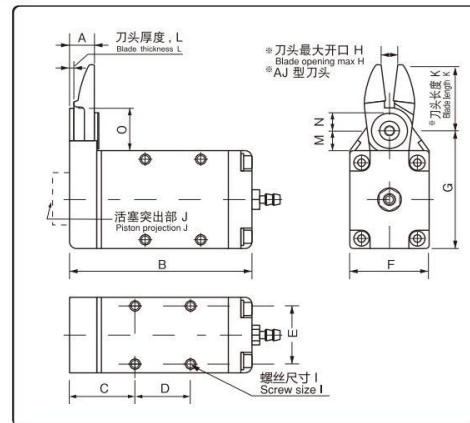
Capacity ϕ (mm)		Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Slide Director Distance (mm)	Spec. & Size of the Hose Port	
Soft Plastic	Hard Plastic		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
3.5	2.3	GT-NY10S	8.8	84.5	38	30	20	32	55	6	M4	5	24	1.6	7.5	6.25	15.5	68	300	0~3.5	W/tube fitting	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
5.0	3.4	GT-NY25S	12.5	106.5	47	40	30	47	72	9	M5	2	31	2.5	10.5	7	20.5	184	695	0~5.0	W/tube fitting	Hose I.D. ϕ 4XO.D. ϕ 6mm

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

固定式气动剪刀NF系列 GT-NF05/10/15 Type-F Air Nippers

本体设计小巧轻便，便于设备内部及大量安装使用。

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



Capacity ϕ (mm)				Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Spec. & Size of the Hose Port
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O			
3.0	2.0	1.6	1.0	GT-NF05	8.6	59.9	21.9	17	18	23	39.5	4	M3	3	22	1.6	8.4	6.25	16.4	43	101	W/hose nipple
3.5	2.3	1.7	1.1	GT-NF10	8.8	65.1	23.1	20	22	28	43.5	6	M3.5	5	24	1.6	7.4	6.25	15.4	63	143	Hose I.D. ϕ 2.5mmX ϕ 4mm
4.0	2.6	1.8	1.2	GT-NF15	10.2	73	25	25	26	33	48.5	8	M4	5	27	2	7.4	6.25	16.4	128	219	

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

气动剪刀 AIR Nipper

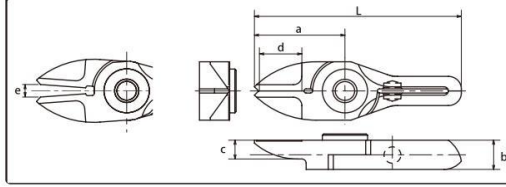
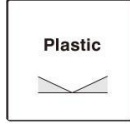
滑动式气动剪刀 横向型 搭配刀头 Slide-off air nipper horizontal-type blades

树脂用直刀 Straight blades for plastic NO. AJ/RAJ/AJB

AJ : 刀刃水平, 无倾斜角, 可垂直剪切

RAJ : AJ的反刃刀头

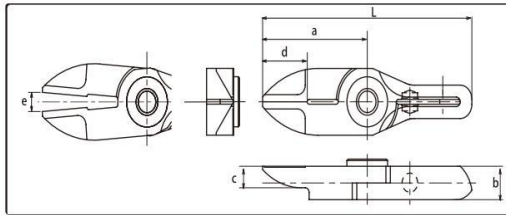
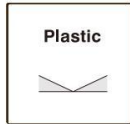
AJB : AJ的加硬刀头, 用于剪切硬塑料或含有玻璃纤维的塑料, 提高耐用性



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NY03AJ	21	7	4.5	10.5	3	48	17	Special alloy steel	GT-NY03G(-4)
NY03RAJ	21	7	4.5	10.5	3	48	17	Special alloy steel	GT-NY03GR(-4)
NY05AJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05
NY05RAJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05
NY05AJB	22	7	5	10.5	4	53	22	Sintered Alloy	GT-NY05(-4) / NF05
NY10AJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY10RAJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10R(-4) / NY10GR(-4) / NF10 / NY10S
NY10AJB	24	7.2	5	12	6	57	28	Sintered Alloy	GT-NY10(-4) / NY10GR(-4) / NF10 / NY10S
NY15AJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15(-4) / NF15
NY15RAJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15R(-4) / NF15
NY15AJB	27	8.2	5.5	13	8	65	41	Sintered Alloy	GT-NY15(-4) / NF15
NY25AJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25(-6) / NY 25S
NY25RAJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25R(-6) / NY 25S
NY25AJB	31	10	6	16	9	77	65	Sintered Alloy	GT-NY25(-6) / NY 25S

树脂用加长直刀 Straight long blades for plastic NO. AJL

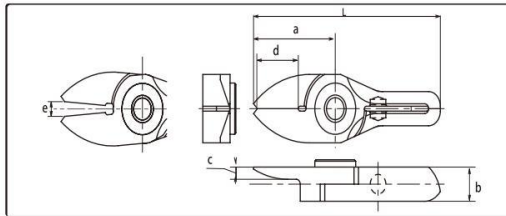
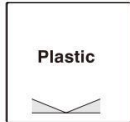
AJL : 这是一个加长型的直刀头。适用于刀头与浇口之间距离较远时。



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NY03AJL	27	7	4.5	10.5	4	54	21	Special alloy steel	GT-NY03G(-4)
NY05AJL	31	7	5	10.5	5.5	62	29	Special alloy steel	GT-NY05(-4) / NF05
NY10AJL	33	7.2	5	12	8	66	37	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AJL	38	8.2	5.5	13	11	76	50	Special alloy steel	GT-NY15(-4) / NF15
NY25AJL	46	10	6	16	13	92	88	Special alloy steel	GT-NY25(-6) / NY 25S

树脂用薄刃直刀 Thin, straight blades for plastic NO. AJT

AJT : 这是一组具有薄切削刃的直刀头。它可以很干净地修剪横截面, 不留下残余物。



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NY03AJT	21	7	2.5	10.5	3	48	17	Special alloy steel	GT-NY03G(-4)
NY05AJT	22	7	3	10.5	4	53	21	Special alloy steel	GT-NY05(-4) / NF05
NY10AJT	24	7.2	3	12	6	57	26	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AJT	27	8.2	3.5	13	8	65	38	Special alloy steel	GT-NY15(-4) / NF15

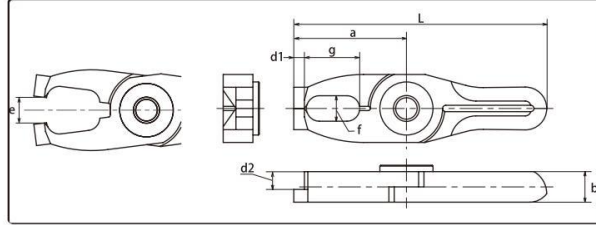
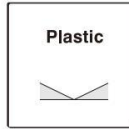
气动剪刀 AIR Nipper

滑动式气动剪刀 横向型 搭配刀头 Slide-off air nipper horizontal-type blades

树脂用立体双面带刃刀头 Lift blades for plastic

NO. AD

AD: 双面连接浇口的剪切。



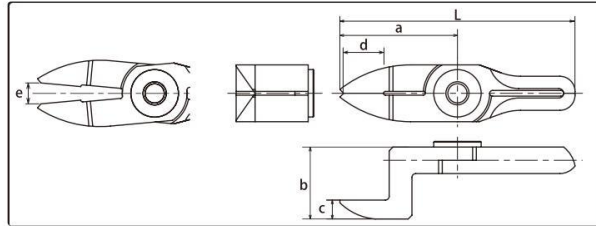
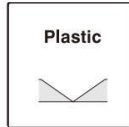
Model No.	a	Size (mm) b	f×g	d1 (mm)	d2 (mm)	e (mm)	L (mm)	Weight (g)	Material	Application model
NY10AD	26.5	7.2	6×13	2.5	4.2	6	59.5	31	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AD	30	8.2	7×14	3	4.7	8	68	45	Special alloy steel	GT-NY15(-4) / NF15
NY25AD	35	10	8×17	4	6	9	81	75	Special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

树脂用 L 型刀头

Crank blades for plastic

NO. AH/RAH

AH: 刀头前端成 L 型, 有障碍物或浇口狭窄时有效。
RAH: AH的反刃刀头。



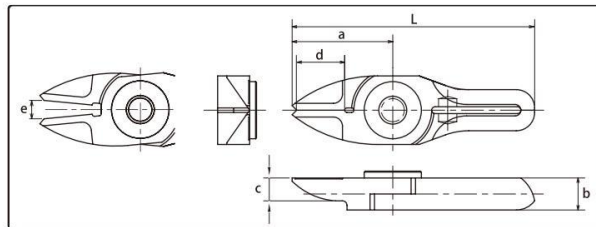
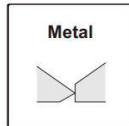
Model No.	a	b	Size (mm) c		d	e	L	Weight (g)	Material	Application model
NY05AH	31	19	5	10.5	5.5	62	37	Special alloy steel	GT-NY05(-4) / NF05	
NY05RAH	30	12	5	10.5	5	61	31	Special alloy steel	GT-NY05R(-4) / NF05	
NY10AH	33	20	5	12	8	66	43	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S	
NY15AH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

金属用直刀头

Straight thin blades for metal

NO. BJ/RBJ

BJ/刀刃水平, 无倾斜角, 可垂直剪切。
RBJ /BJ的反刃刀头。

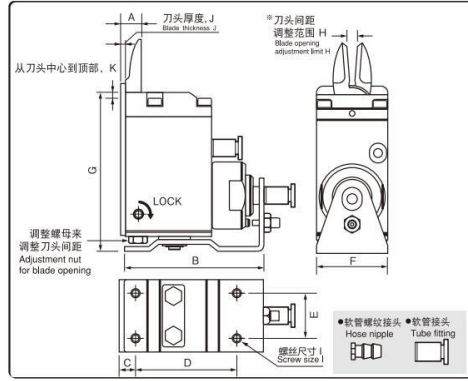


Model No.	a	b	Size (mm) c		d	e	L	Weight (g)	Material	Application model
NY05BJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05	
NY05RBJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05	

气动剪刀 AIR Nipper

滑动式气动剪刀NT系列 纵向型 GT-NT03/05/10/20 Slide-Off Air Nippers Vertical-type

刀刃开口大小可微调，确保剪切面不产生碎屑。
 刀头不分正刃反刃，可同时对(推出型)和(拉回型)本体。
 Blade gape is adjustable, ensuring clean, unblemished cut surfaces.
 and fine adjustments are easy to make after mounting the nippers, ensuring clean, unblemished cut surfaces.



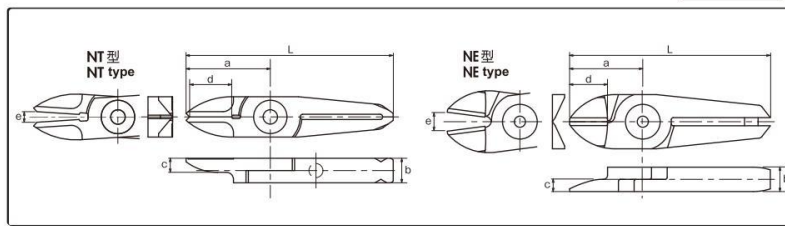
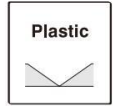
Capacity φ (mm) Soft Plastic Hard Plastic	Model No.	Size (mm)											Air Consumption (cm ³ /str)	Weight (g)	Slide Direction Distance (mm)	Spec. & Size of the Hose Port
		A	B	C	D	E	F	G	H	I	J	K				
1.5 1.0	GT-NT03												27	178	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
1.5 1.0	GT-NT03R	9	62	7	43	14	19	68.1	1.5~3	M3	2	5	27	178	Push 0~3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
1.5 1.0	GT-NT03-4												27	178	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
1.5 1.0	GT-NT03R-4												27	178	Push 0~3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
2.5 1.5	GT-NT05												47	325	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
2.5 1.5	GT-NT05R	9	64	7	45	20	32	71.1	3~6	M4	2	5	47	325	Push 0~3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
2.5 1.5	GT-NT05-4												47	325	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
2.5 1.5	GT-NT05R-4												47	325	Push 0~3	W/tube fitting Hose I.D. φ2.5XO.D. φ4mm
3.5 2.3	GT-NT10												82	515	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
3.5 2.3	GT-NT10R	11	73	8	53	24	38	88.1	4~7	M4	2	5	82	515	Push 0~3	W/tube fitting Hose I.D. φ4XO.D. φ6mm
3.5 2.3	GT-NT10-6												82	515	Pull 0~3	W/hose nipple Hose I.D. φ2.5mm
3.5 2.3	GT-NT10R-6												82	515	Push 0~3	W/tube fitting Hose I.D. φ4XO.D. φ6mm
5.0 3.4	GT-NT20												203	930	Pull 0~8	W/hose nipple Hose I.D. φ4mm
5.0 3.4	GT-NT20R	14	103	10	80	28	44	102.1	4.5~9	M5	2	6	203	930	Push 0~8	W/tube fitting Hose I.D. φ4XO.D. φ6mm
5.0 3.4	GT-NT20-6												203	930	Pull 0~8	W/hose nipple Hose I.D. φ4mm
5.0 3.4	GT-NT20R-6												203	930	Push 0~8	W/tube fitting Hose I.D. φ4XO.D. φ6mm

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

滑动式气动剪刀 纵向型 搭配刀头 Slide-off air nipper vertical-type blades

树脂用直刀头 Straight blades for plastic NO. AJ/AJH/AJB

AJ: 刀刃水平, 无倾斜角, 可垂直剪切。
 AJH/AJ的加硬刀头(硬质合金)提高耐用性。
 AJB/AJ的加硬刀头(超硬碳钢), 用于剪切硬塑料或含有玻璃纤维的塑料, 提高耐用性。



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

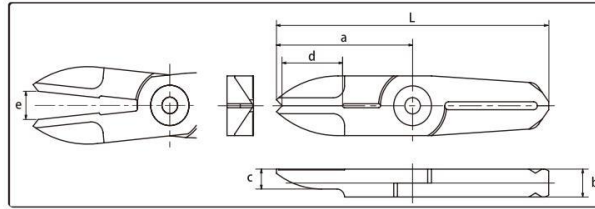
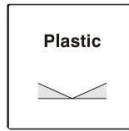
气动剪刀 AIR Nipper

滑动式气动剪刀 纵向型 搭配刀头 Slide-off air nipper vertical-type blades

树脂用加长直刀

Straight long blades for plastic NO. AJL

AJL/AJ的刀刃加长型，刀头与浇口距离较远时有效。

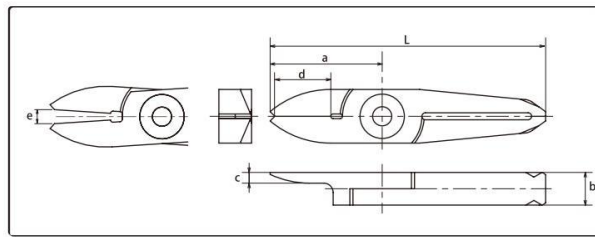
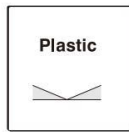


Model No.	a	b	Size (mm)			L	Weight (g)	Material	Application model
			c	d	e				
NT05AJL	36	7	5	15	7	72	39	Special alloy steel	GT-NT05 type
NT10AJL	47	9	6	17	9	94	62	Special alloy steel	GT-NT10 type
NT20AJL	57	12	6	20	12	114	156	Special alloy steel	GT-NT20 type

树脂用薄刃直刀

Thin, straight blades for plastic NO. AJT

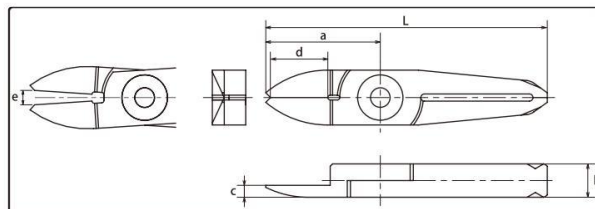
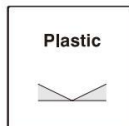
AJT : AJ的薄刃直刀，高精度剪切，不留残余物。



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

树脂用薄型直刀(靠近浇口) Thin, straight blades for plastic NO. AJY

AJY : 当相对的浇口之间的宽度太短并且刀头因为它的厚度不能进入时，这是有效的。



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

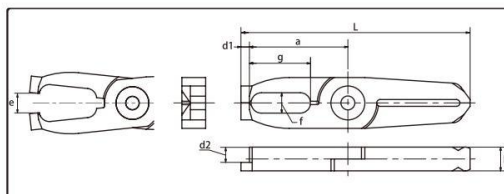
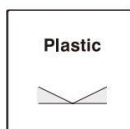
气动剪刀 AIR Nipper

滑动式气动剪刀 纵向型 搭配刀头 Slide-off air nipper vertical-type blades

树脂用立体双面带刃刀头 Lift blades for plastic

NO. AD

AD：处理搭接浇口有效。



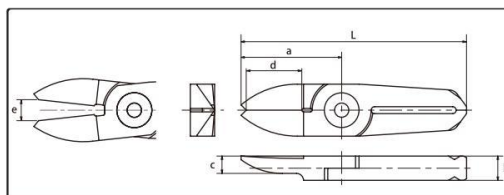
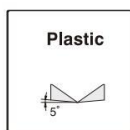
Model No.	Size (mm)		f×g	d1 (mm)	d2 (mm)	e (mm)	L (mm)	Weight (g)	Material	Application model
NT05AD	31.5	7	6×18	2.5	4.5	6	67.5	37	Special alloy steel	
NT10AD	39	9	8×21.5	4	5	7	86	65	Special alloy steel	
NT20AD	46	12	9×24.5	6	7	9	103	141	Special alloy steel	

树脂用 V 刃直刀 V shaped straight blades for plastic

V shaped straight blades for plastic

NO. AJV

AJV：处理曲面浇口或剪切后必须无残留时有效。



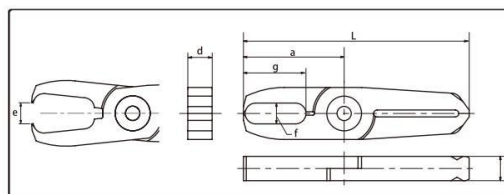
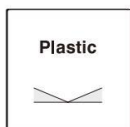
Model No.	Size (mm)			d	e	L	Weight (g)	Material	Application model
NT05AJV	29	7	5	15	6	65	29	Special alloy steel	GT-NT05 type
NT10AJV	35	9	6	17	7	82	63	Special alloy steel	GT-NT10 type

树脂用剪钳刀头 Nipping blades for plastic

Nipping blades for plastic

NO. AE

AE/处理直接浇口和搭接浇口时有效。



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

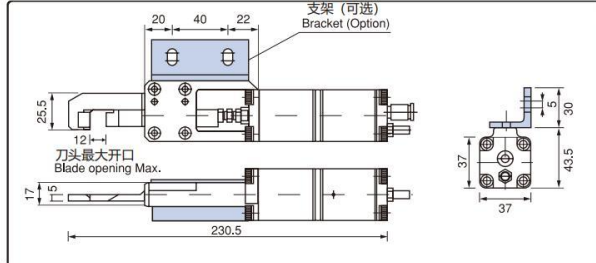
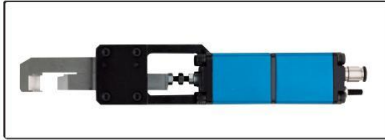
气动剪刀 AIR Nipper

推刀式气动剪刀

推刀式气动剪刀

GT-NK10 Thrust-Cut Air Nipper NO. GT-NK10

该气剪可以配合脚踏开关或高精度机器切割薄膜浇口。
从薄端切割，防止切割边缘周围的皱褶。



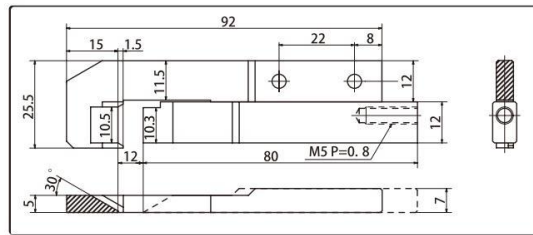
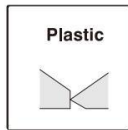
Capacity ϕ (mm) ABS Plastic	Model No.	Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Applied Pressure (N)	Spec. & Size of the Hose Port
5	GT-NK10	110	0.4-0.5	800	735	Hose I.D. ϕ 2.5×O.D. ϕ 4mm

*Hose Coupling: I.D. ϕ 4 × O.D. ϕ 6 mm *Piston stroke...Max.12 mm

推刀式气动剪刀专用刀头 Thrust-Cut Air Nipper blades

推刀式气动剪刀专用刀头 Thrust-Cut Air Nipper blades NO. NK10AJ

这是一组专用的GT-NK10 刀头。适合处理附在机器人手上的薄膜浇口。



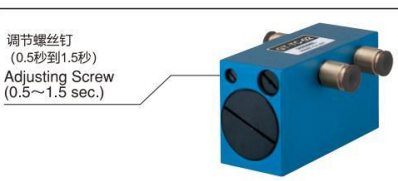
Model No.	Size (mm)	Shape	O.A.L. (mm)	Weight (g)	Material	Application model
NK10AJ	As above	For metal cutting (Knife type)	95	96	Special alloy steel	GT-NK10

相关产品 Related items

定时控制器

GT-TC-02 Timing Controller

NO. GT-TC-02

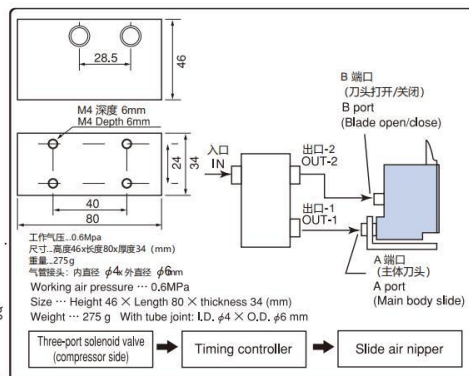


通过在气源和气动剪刀之间安装此控制器，
可以调整本体滑动和刀头剪切时间。
(大约0.5秒到1.5秒)

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

Connectable nippers (Reference)

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

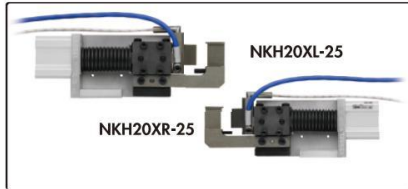


气动剪刀 AIR Nipper

加热剪刀 Heat air nippers

油压辅助型气动剪刀 (推刀式) Heat Air Nippers (Air Hydro Type) NO. NKH20XL-25/NKH20XR-25

刀头电镀处理, 防止融化树脂附着。
特殊加工, 提高刀头耐用性。
刀头单元一体化, 与传统型号相比更容易更换。
Highly durable PTFE Plating blades; melted resin does not adhere to them.
Improved durability of blades with High-Speed chip brazed.
Easier blade replacement than conventional models; take out the blade unit and exchange with the new one.



- 需要另外购买液压控制器。
- 可定制刀头长度和气缸大小。
- Requires separately sold Hydro Controller.
- Custom-made blade lengths and cylinder capacities available.

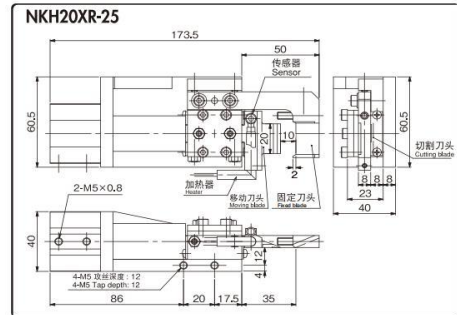
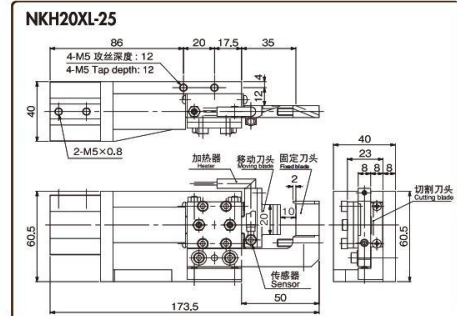
Model No.	Cutting Capacity φ (mm) Acrl	Blade Edge Temp. (MAX. C)	Air Consumption (cm ³ /str.)	Piston Stroke (mm)	Weight (g)
GT-NKH20XL-25/NKH20XR-25	10x1.5	180	60	10	690

• Air Pressure: 0.6MPa • Working air hose inner diameter: 4mm
※ The above weight is only a product, excluding the weight of heater and sensor.
※ 200V AC/220V AC/240V AC heaters are also available to order.
• Included heater: HTL-28.5-6.25-300L 80W/100V Cord length 300mm Recommended temp. 140°C Weight: 13g
• Included temperature sensor: SNO-300L-H Thermal couple type K
Recommended temp. 140°C Cord length 300mm Weight: 7g

Blades Specifications

Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
Special Alloy Steel	Knife type (resin)	10	20	125

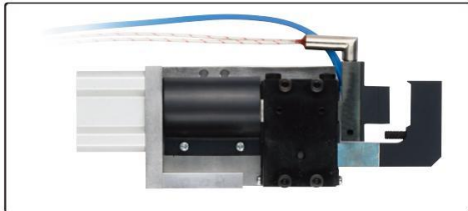
- Option Parts
- Hydro-converter (Recommended: KOGANEI AHC 32×50)
 - Working fluid: Petroleum hydraulic fluid or turbine oil with antifoaming agent additive (VG22~100)
 - Temperature controller (DTC-001)



油压辅助型气动剪刀 (推刀式) GT-NKH20A/20AR Heat Air Nippers (Air Hydro Type)

气动+油压控制确保强大剪切能力。
适用于光学树脂镜片等产品的高精度剪切。

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



- 需要另外购买液压控制器。
- 可定制刀头长度和气缸大小。
- Requires separately sold Hydro Controller.
- Custom-made blade lengths and cylinder capacities available.

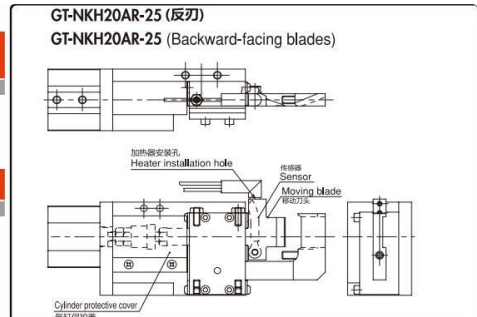
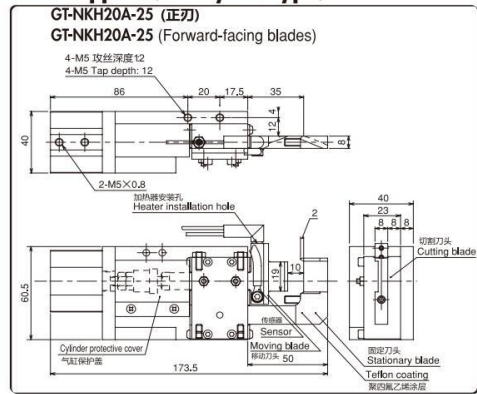
Model No.	Cutting Capacity φ (mm) Acrl	Blade Edge Temp. (MAX. C)	Air Consumption (cm ³ /str.)	Piston Stroke (mm)	Weight (g)
GT-NKH20A-25/20AR-25	10x1.5	180	60	10	720

• Included heater • Included temperature sensor
• Air Pressure: 0.6MPa • Working air hose inner diameter: 4mm
※ 200V/240V heaters are also available to order.

Blades Specifications

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

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



气动剪刀 AIR Nipper

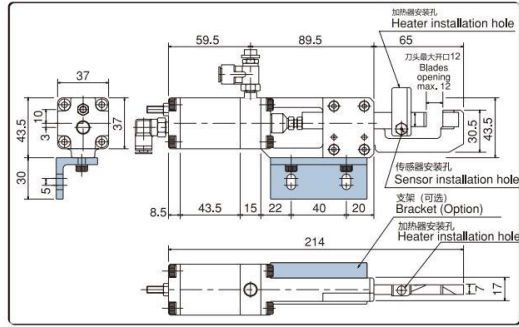
加热剪刀 Heat air nippers

加热剪刀 GT-NKH10 Heat Air Nippers

NO. GT-NKH10

调整剪切速度和刀刃温度，达到最佳剪切效果，对于各种高精度剪切。

Speed control of cut speed and heater temperature allows for variable cutting surface solutions for extremely high precision cutting demands.



Model No.	Cutting Capacity φ (mm) Acrl	Blade Edge Temp. (MAX °C)	Cutting Cycle (sec/cut)	Air Consumption (cm ³ /str.)	Piston Stroke (mm)	Weight (g)
GT-NKH10	7x1.5	200	4~5	73	12	715

- *Included heater: 80W/120V Cord length: 300mm
- *Included temperature sensor: Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Cord length: 1,000mm
- *Air Pressure: 0.5~0.6 MPa

Option Parts • Temperature controller (DTC-001)

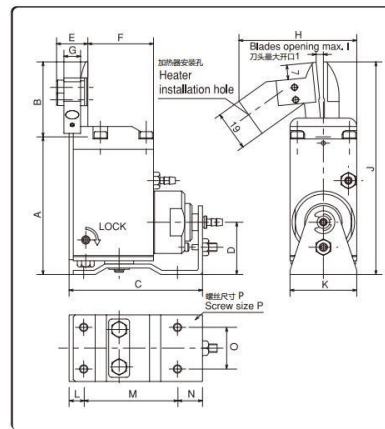
Blades Specifications

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

滑动式加热剪刀/刀头 GT-NTH05/10 Heat Air Nippers (Vertical sliding type) NO. NTH05AJ/10AJ

单边刀刃固定+本体滑动，保证刀刃与浇口精确对齐。

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



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

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

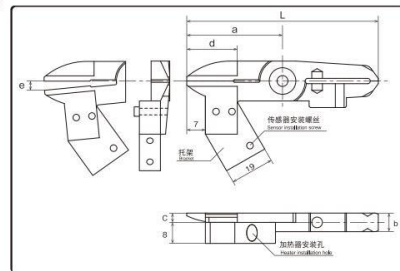
Blades Specifications

Model No.	Material	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
NTH05AJ	Special Alloy Steel	36	7	3.5	15	3.5
NTH10AJ	Special Alloy Steel	47	9	4.7	17	4.5

Model No.	L (mm)	Weight (g)	Cutting Capacity φ (mm) Acrl	Setting temp. (MAX °C)	Application model
NTH05AJ	72	40	2.5	200	GT-NT05(-4)/GT-NT05R(-4)
NTH10AJ	94	88	3.5	300	GT-NT10(-6)/GT-NT10R(-6)

HTH type blade weight does not include heater and sensor.

Option Parts • Temperature controller (DTC-001)



气动剪刀 AIR Nipper

加热剪刀 Heat air nippers

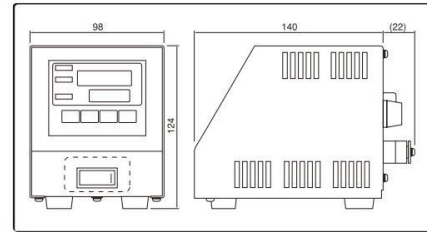
台式温度控制器

Benchtop Temperature Controller

NO. DTC-001

加热元件可以直接连接到主机，在布线安装的过程中节省人力。结构小巧，方便携带，可随时更换工作场所。

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



在订购时请告知加热剪刀型号

Please inform us of the product number of the heat nipper when placing an order.

Model No.	Temperature range Thermocouple K (C)	Power supply (V)	Power consumption (with 100 VAC input)	Ambient temperature and humidity (C)	Protection fuse	Weight (g)
DTC-001	0~200	AC100~240	Approx. 3W (Approx. 5VA) (With no load)	0~40 RH35~85% (No condensing)	One 1.5A fuse is incorporated.	900

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

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

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

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

气动剪刀 AIR Nipper

气动剪刀 (剪切和压接)

Air Nippers For Cutting and Crimping

高剪切力场合

剪切直径23mm至75 mm尺寸范围内圆柱产品

此型号在切割和压接场合广泛使用

A tough body for hard jobs.

With a frame diameter range of 23mm to 75mm, this product line was developed by piston size.

These models are ideal for a broad spectrum of cutting and crimping work.



气动剪刀 AIR Nipper

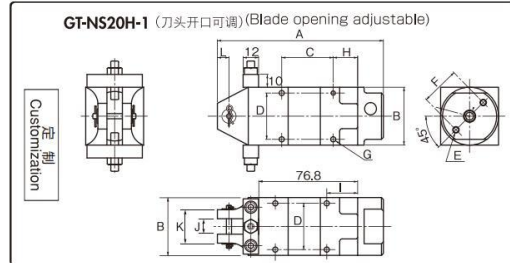
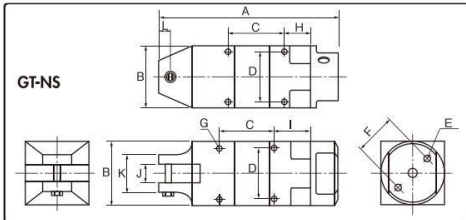
气动剪刀 Air nippers

方型气动剪刀(自动化剪切用) Square Air Nippers

NO. GT-NS3/5/7/10L/20/30

刀头种类丰富，可对应各种树脂成型的浇口剪切，自动化焊接及线材卷线机的线切割。

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



- 进气口的位置可以旋转180度。
- 提供两个进气口，因此可以根据安装位置进行自由切换。

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

Capacity φ (mm)				Model No.	Size (mm)											Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Hose coupling	
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K					L
2.0	1.0	0.5		GT-NS3	110	23	40	19	M3 Depth8	17	M3 Depth3.5	19	24	7	23	7	45	0.4~0.5	95	Rc1/8
2.0	1.0	0.5		GT-NS5	94	30	30	24	M4 Depth10	20	M3 Depth5	14	19	7	23	7	64	0.4~0.5	135	
3.0	2.0	1.6	1.0	GT-NS7	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	9	23	7	116	0.4~0.5	215	
4.0	2.6	1.8	1.2	GT-NS10L	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	12	26	7	116	0.4~0.6	215	
7.0	5.0	2.6	2.0	GT-NS20	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	370	
10.0	6.5	3.3	2.8	GT-NS30	170	56	60	46	M6 Depth12	40	M5 Depth10	20	30	17	36	15	584	0.5~0.6	685	
7.0	5.0	2.6	2.0	GT-NS20H-1	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	455	

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

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

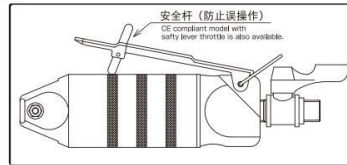
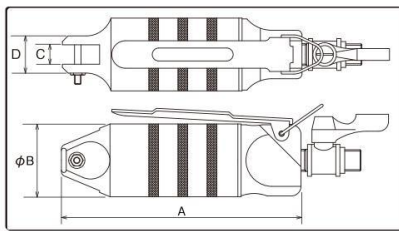
*Model GT-NS5 is a special order item. Please contact VESSEL for details.

手持式气动剪刀 (手动剪切用) Hand Held Air Nippers

NO. GT-NS3/5/7/10L/20/30/50

为满足生产工序的各种需求，可特殊定做刀头，提高生产效率，降低工人操作疲劳。

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



- N20, N30 和 N50 有空气旋塞。
- N20, N30 and N50 have the air cock.

Capacity φ (mm)				Model No.	Size (mm)				Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Body	Hose coupling
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D					
2.0	1.0	0.5		GT-N3	112	23	7	14	45	0.4~0.5	95	Rc1/8	
2.0	1.0	0.5		GT-N5	103	30	7	17	64	0.4~0.5	135	Rc1/8	
3.0	2.0	1.6	1.0	GT-N7	123	34	9	17	116	0.4~0.5	180	Rc1/4	
4.0	2.6	1.8	1.2	GT-N10	132	34	9	17	116	0.4~0.5	185	Rc1/4	
4.5	4.0	2.3	1.7	GT-N12	142	36	12	20	116	0.5~0.6	210	Rc1/4	
7.0	5.0	2.6	2.0	GT-N20	156	45	12	23	230	0.5~0.6	375	Rc1/4	
10.0	6.5	3.3	2.8	GT-N30	193	56	17	30	584	0.5~0.6	625	Rc1/4	
		5.5	4.5	GT-N50	237	75	25.2	43	1,170	0.5~0.6	1,220	Rc1/4	

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

Blade is optional.

气动剪刀 AIR Nipper

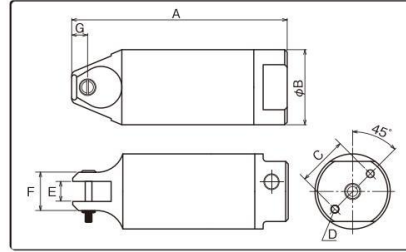
气动剪刀 Air nippers

圆型气动剪刀(自动化剪切用) Air Nipper Round-Type

NO. GT-NR3/5/7/10L/20/30/50

进气口位置可以旋转180度。
提供两个进气口，因此可以根据安装位置进行切换。

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



Soft Plastic	Hard Plastic	Copper	Steel	Model No.	A	B	C	Size (mm) D	E	F	G	Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
2.0	1.0	0.5		GT-NR3	110	23	17	M3 Depth8	7	14	7	45	0.4~0.5	70	
2.0	1.0	0.5		GT-NR5	94	30	20	M4 Depth10	7	17	7	64	0.4~0.5	110	
3.0	2.0	1.6	1.0	GT-NR7	113	34	22	M4 Depth10	9	17	7	116	0.4~0.5	150	
4.0	2.6	1.8	1.2	GT-NR10L	113	36	24	M4 Depth10	12	20	7	116	0.4~0.6	215	Rc1/8
7.0	5.0	2.6	2.0	GT-NR20	129	45	30	M5 Depth12	12	23	9.5	230	0.5~0.6	280	
10.0	6.5	3.3	2.8	GT-NR30	165	56	40	M6 Depth12	17	30	10.5	584	0.5~0.6	505	
12.0	6.5	5.5	4.5	GT-NR50	222	75	50	M8 Depth12	25.2	43	15	1,170	0.5~0.6	1,190	

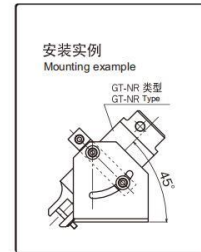
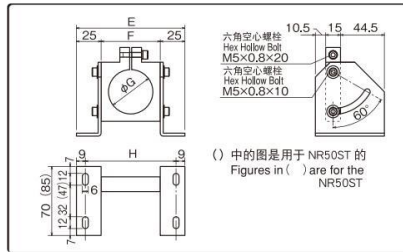
·Air hose inner dia. : 5mm ·Overall Length/Weight: Accessories not included. ※Before mounting of exclusive/automatic machines, chckg the following product dimensions. (Frame O.D., screw dia. (screw to screw) dimensions, etc.)

GT-NR 用固定架

GT-NR Stand

NO. NR10LST/20ST/30ST/50ST

安装在直浇道或自动机上的固定金属架。
可以调整安装角度 (0~60度)
Stands for installing air nippers.
The angle is easily adjustable.

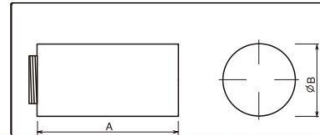
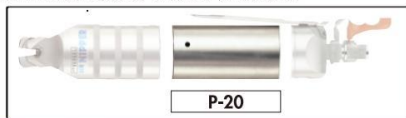


Model No.	E	Size (mm) F G H	Weight (g)
NR10LST	102	52 36 84	335
NR20ST	110	60 45 92	385
NR30ST	130	80 56 112	535
NR50ST Option	150	100 75 132	835

增压器 Powerful Intensifiers (With Extra pressure Booster)

NO. P-10L/20/30/50

该设备可在因空间或空气压力受限得不到足够压力时使用。
This unit is to be used in case the originally required pressure is not obtainable
by the limit of space and air pressure



Capacity ϕ (mm)	Application model	Model No.	Size (mm) A B	Air Consumption (cm ³ /str.)	Air Pressure	Weight (g)
5.0 4.0 2.6 1.6	NS10L, NR10L, N12	P 10L	71 36	223	Up to 0.5MPa	115
8.0 6.0 3.0 2.2	N20, NS20, NR20	P-20	87 45	508	Up to 0.5MPa	215
13.0 7.0 4.8 4.0	N30, NS30, NR30	P-30	92 56	956	Up to 0.5MPa	330
6.5 5.5	N50, NR50	P-50	133 75	2,670	Up to 0.5MPa	840

·Above figures of overall length and the weight are defined for the extra booster specs only. And these figures in the installation.
Blade is optional.

气动剪刀 AIR Nipper

气动剪刀 Air nippers

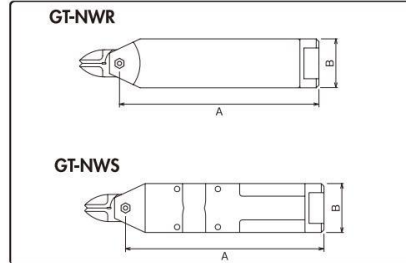
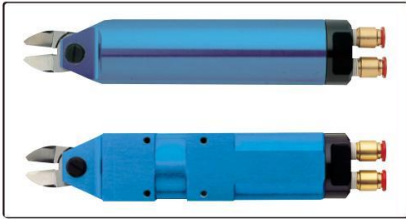
复动式气动剪刀

Double Action Air Nippers

NO. GT-NWR10/20/30 GT-NWS1/10/20/30

刀头的开合由空气活塞驱动。
本体内不含活塞复位弹簧，便于维护。

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



Model No.	Capacity ϕ (mm)			Air Consumption (cm ³ /str.)	Applied Pressure (N)	Air Pressure (MPa)	Size (mm)		Weight (g)
	Copper	Steel	ABS Plastic				A	B	
Double Action Air Scissors (Round Type without Lever)									
GT-NWR10	1.8	1.2	4.0	116	588	0.4~0.5	146	ϕ 36	280
GT-NWR20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	ϕ 45	523
GT-NWR30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	ϕ 56	980
Double Action Air Scissors (Square Type)									
GT-NWS1	1.0	0.5	2.0	45	294	0.4~0.5	95	23x20	116
GT-NWS10	1.8	1.2	4.0	116	588	0.4~0.5	146	36x36	356
GT-NWS20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	45x45	610
GT-NWS30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	56x56	1115

滑动式气动剪刀支架型

Slide-Off Air Nipper Bracket-Type

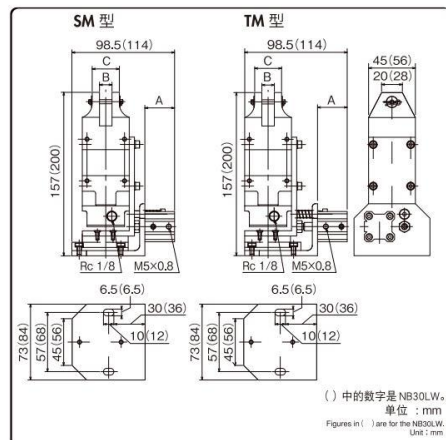
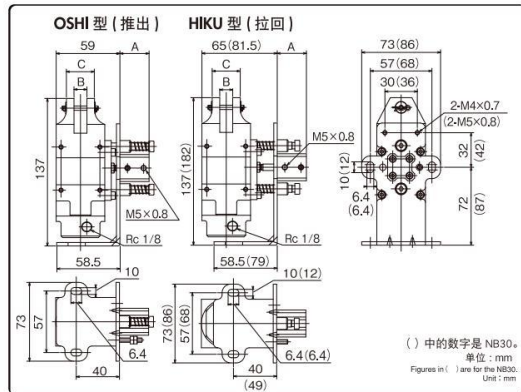
NO. GT-NB20/30/20LW/30LW

大型树脂产品剪切浇口时即使产生较大的冲击，本体也可以平稳的滑动，达到高精度剪切。
VESSEL has achieved smooth, continuous slide movement even for large diameter gate cuts, which produce a large shock at each cut.



GT-NB20LW-10TM
Accurate slide function with slide stroke
滑动座高精度型

GT-NB20



Model No.	Size (mm)			Slide Direction/Distance (mm)	Weight (g)
	A	B	C		
GT-NB20 (5-OSHI)	22	12	26	Push 0~ 5	755
GT-NB20 (5-HIKU)	22	12	26	Pull 0~ 5	755
GT-NB20 (10-OSHI)	27	12	26	Push 0~10	755
GT-NB20 (10-HIKU)	27	12	26	Pull 0~10	755
GT-NB30 (10-HIKU)	28.5	17	36	Pull 0~10	1,420
GT-NB20LW-10TM	28.5	12	26	Pull 0~10	795
GT-NB30LW-10TM	29.5	17	36	Pull 0~10	1,315
GT-NB20LW-10SM	28.5	12	26	Push 0~10	795
GT-NB30LW-10SM	29.5	17	36	Push 0~10	1,325

Blade is optional.

气动剪刀 AIR Nipper

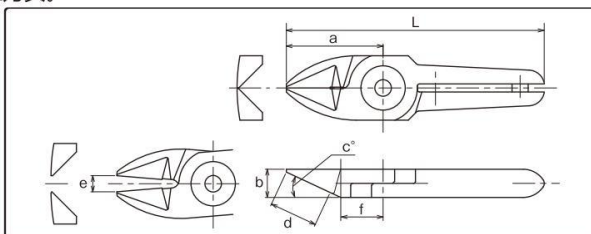
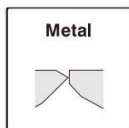
标准刀头 金属用 Air nipper standard blades for metal

标准刀头

Standard

NO. AS/HS

AS : 用于剪切铜线, 铁线等的标准刀头。
HS : 刀刃经过加硬处理的AS标准刀头。



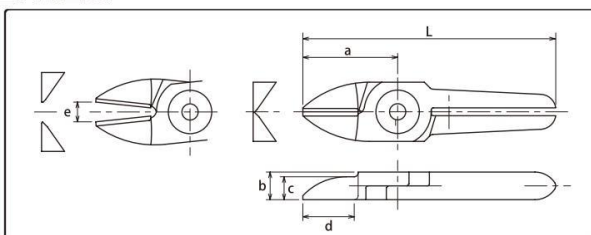
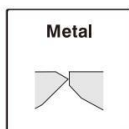
Model No.	a	b	c (°)	Size (mm)		e	f	L	Weight (g)	Material	Application model
N3AS	24	7	25	12	4	10.5	64	35	Special alloy steel	GT-N3 / NS3 / NR3	
N3HS	24	7	25	12	4	10.5	64	35	High Speed Steel	GT-N3 / NS3 / NR3	
N5AS	24	7	25	12	4	10.5	64	40	Special alloy steel	GT-N5 / NS5 / NR5	
N5HS	24	7	25	12	4	10.5	64	40	High Speed Steel	GT-N5 / NS5 / NR5	
N7AS	27	9	30	13.5	4	12.5	81	80	Special alloy steel	GT-N7 / NS7 / NR7	
N7HS	27	9	30	13.5	4	12.5	81	80	High Speed Steel	GT-N7 / NS7 / NR7	
N10AS	27	9	30	13.5	5	12.5	91	85	Special alloy steel	GT-N10	
N10HS	27	9	30	13.5	5	12.5	91	85	High Speed Steel	GT-N10	
N10LAS	35	12	30	20	5	15	89	120	Special alloy steel	GT-NS10L / NR10L	
N12AS	35	12	30	20	5	15	105	135	Special alloy steel	GT-N12	
N12HS	35	12	30	20	5	15	105	135	High Speed Steel	GT-N12	
N20AS	35	12	30	20	9	15	95	140	Special alloy steel	GT-NS20 / NR20 / N20	
N30AS	43	17	30	25	9	18	127	370	Special alloy steel	GT-NS30 / NR30 / N30	

金属用直型刀头

Straight blades for metals

NO. BJ

BJ : 刀刃水平, 无倾斜角。剪切金属用直刀。



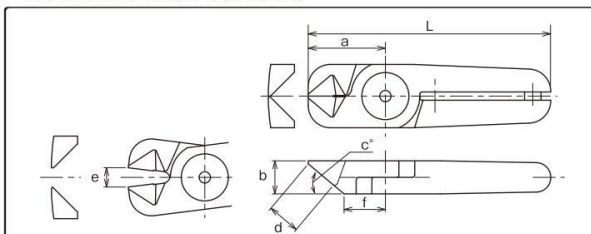
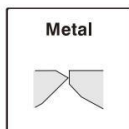
Model No.	a	b	Size (mm)		e	L	Weight (g)	Material	Application model
NW1BJ	20	5	3	10.5	3.5	50	16	Special alloy steel	GT-NWR1 / NWS1
N3BJ	24	7	5.8	13	5	64	35	Special alloy steel	GT-N3 / NS3 / NR3
N5BJ	24	7	5.8	13	4	64	40	Special alloy steel	GT-N5 / NS5 / NR5
N7BJ	27	9	7.5	13	5	81	75	Special alloy steel	GT-N7 / NS7 / NR7
NW10BJ	30	9	6	14	5	85	76	Special alloy steel	GT-NWR10 / NWS10
NW20BJ	40	12	6	21.5	8	100	142	Special alloy steel	GT-NWR20 / NWS20
NW30BJ	55	17	8	29.5	11	140	367	Special alloy steel	GT-NWR30 / NWS30

强刃刀头

Powerful cutting blades

NO. AG

AG : 与标准刀头AS相比, 刀刃变短, 一般利用刀刃底部剪切, 剪切力更强。



Model No.	a	b	Size (mm)		e	f	L	Weight (g)	Material	Application model
N20AG	28	12	40	12	7	15	88	135	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20HS	26	12	40	10	7	13.5	86	135	High Speed Steel	GT-NS20 / NR20 / N20 / NB20

气动剪刀 AIR Nipper

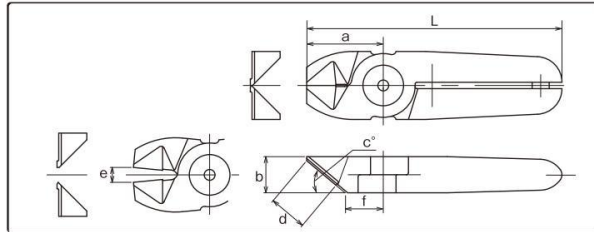
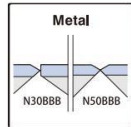
标准刀头 金属用 Air nipper standard blades for metal

超硬刀头(超硬碳钢)

Powerful cutting blades with carbide tips

NO. BBB

BBB : 刀刃追加超硬碳钢刀片, 最适于剪切如钢琴线等坚硬线材。
剪切钢琴线等坚硬线材时, 提高刀刃耐久性。



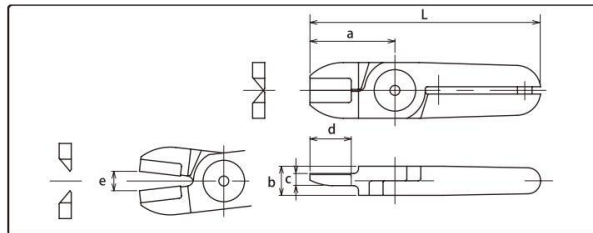
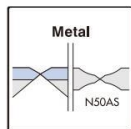
Model No.	Size (mm)							Weight (g)	Material	Application model
	a	b	c (°)	d	e	f	L			
N30BBB	36	17	40	18	7	18	120	365	Sintered Alloy	GT-NS30 / NR30 / N30 / NB30
N50BBB	46	25	35	19	9	24	166	955	Sintered Alloy	GT-NR50 / N50

轧刀型刀头

Clipper blade with carbide tips

NO. BFB/AS

BFB : 追加超硬碳钢刀片, 最适于金属丝和细金属管的剪切。
AS : 标准轧刀型刀头。



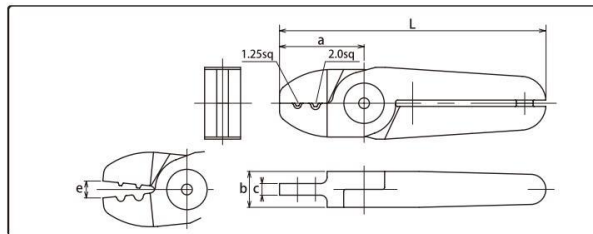
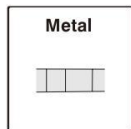
Model No.	Size (mm)							Weight (g)	Material	Application model
	a	b	c	d	e	L				
N20BFB	35	12	5	17	8	95	150	Sintered Alloy	GT-NS20 / NR20 / N20 / NB20	
N50AS	60	25	10	30	11	180	950	Special alloy steel	GT-NR50 / N50	

压合用刀头

Crimp edge for solderless terminals

NO. ACD

ACD : 端子压合用刀头。(裸终端1.25sq/ 2.0sq)



Model No.	Size (mm)							Weight (g)	Material	Application model
	a	b	c	e	L					
N30ACD	40	17	5.5	8	126	335	Special alloy steel	GT-NS30 / NR30 / N30 / NB30		

气动剪刀 AIR Nipper

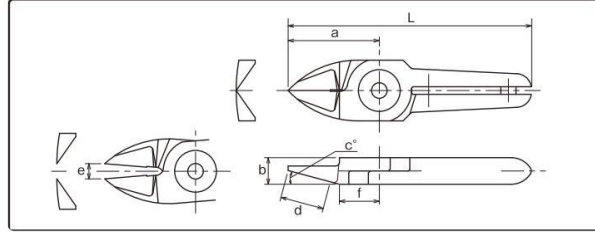
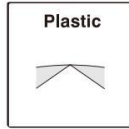
标准刀头 树脂用 Air nipper standard blades for plastic

树脂用标准刀头

For plastic

NO. AP

AP : 树脂剪切用标准刀头。刀刃含有倾斜角度，确保剪切面无残留。



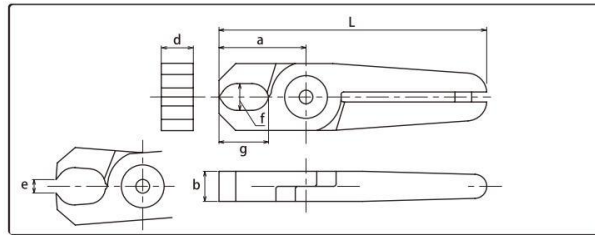
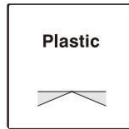
Model No.	Size (mm)						Weight (g)	Material	Application model	
	a	b	c(°)	d	e	f				
N3AP	24	7	15	11.5	4	10.5	64	35	Special alloy steel	GT-N3 / NS3 / NR3
N5AP	24	7	15	11.5	4	10.5	64	40	Special alloy steel	GT-N5 / NS5 / NR5
N7AP	27	9	30	11.5	4	14.5	81	80	Special alloy steel	GT-N7 / NS7 / NR7
N10AP	27	9	30	11.5	5	14.5	91	85	Special alloy steel	GT-N10
N10LAP	35	12	15	16	5	15	89	120	Special alloy steel	GT-NS10L / NR10L
N12AP	35	12	15	16	5	15	105	135	Special alloy steel	GT-N12
N20AP	35	12	15	16	11	15	95	125	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AP	66	17	15	38	16	24	150	380	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

树脂用剪钳刀头

Nipping blades for plastic

NO. AE

AE : 处理直接浇口和搭接浇口时有效。



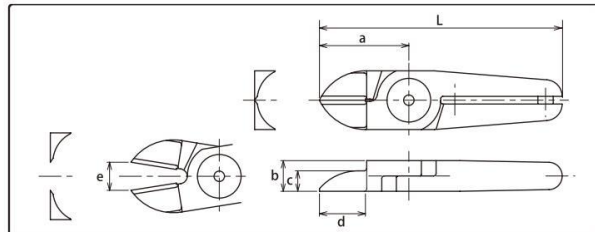
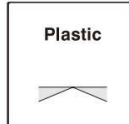
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	f×α	d	e	L			
N3AE	20	7	6×11	7	3.5	60	35	Special alloy steel	GT-N3 / NS3 / NR3
N5AE	20	7	6×6.6	7	3.5	60	40	Special alloy steel	GT-N5 / NS5 / NR5
N7AE	26	9	8×14.8	9	4	80	85	Special alloy steel	GT-N7 / NS7 / NR7
N20AE	28	12	10×15.5	12	8	88	135	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AE	45	17	13×28	17	12	129	395	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

树脂用直刀头

Thin, straight blades for plastic

NO. AJ

AJ : 树脂用直刀，刀刃不含倾斜角可垂直剪切。



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NW10AJ	30	9	6	14	5	85	76	Special alloy steel	GT-NWR10 / NWS10
N20AJ	35	12	8	18	11	95	125	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AJB	35	12	8	18	11	95	125	Sintered Alloy	GT-NS20 / NR20 / N20 / NB20
NW20AJ	40	12	6	21.5	8	100	142	Special alloy steel	GT-NWR20 / NWS20
N30AJ	52	17	8	28	11	136	370	Special alloy steel	GT-NS30 / NR30 / N30 / NB30
NW30AJ	55	17	8	29.5	11	140	368	Special alloy steel	GT-NWR30 / NWS30

气动剪刀 AIR Nipper

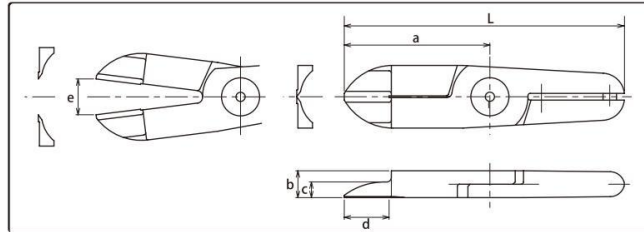
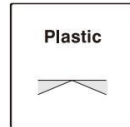
标准刀头 树脂用 Air nipper standard/quasi-standard blades for plastic

标准产品 树脂用直刀

Straight long blades for plastic

NO. AJL

AJL : AJ的刀刃加长型, 刀头与浇口距离较远时有效。
N30AJL163 用于剪切宽大浇口。



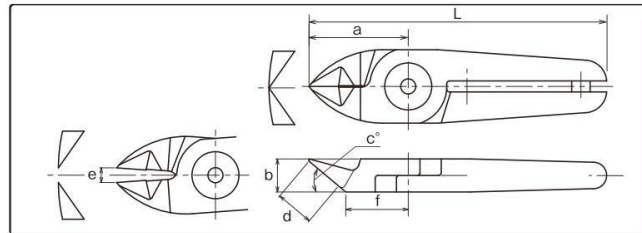
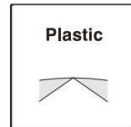
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
N10LAJ141	61	12	7	34	10	115	165	Special alloy steel	GT-NS10L / NR10L
N20AJL	65	12	7	20	16	125	230	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AB39	61	12	7	36	14	121	185	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AJ163	65	17	7	41	17.5	149	355	Special alloy steel	GT-NS30 / NR30 / N30 / NB30
N30AJL	75	17	8	25	19	159	470	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

树脂用平刀头

Flat blades for plastic

NO. PF

PF : 把塑料切割的切口平坦的塑料用刀头。不会在切割时在切断面留下很大的R型切口。



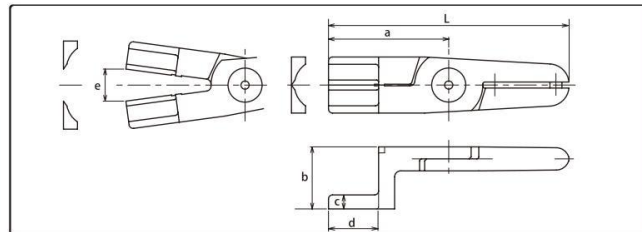
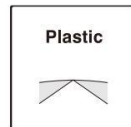
Model No.	Size (mm)						Weight (g)	Material	Application model	
	a	b	c (°)	d	e	f				L
N7PF	27	9	40	10.5	4	17	81	80	Special alloy steel	GT-N7 / NS7 / NR7
N10LPF	35	12	40	13.5	5	21	89	120	Special alloy steel	GT-NS10L / NR10L
N20PF	35	12	40	13.5	11	21	95	130	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30PF	58	17	30	25	15	33	142	390	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

标准产品 树脂用 L 型刀头

Crank blades for plastic

NO. AH

AH : 刀头前端成 L 型, 有障碍物或浇口狭窄时有效。



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
N20AH	60	31	7	23	16	120	240	Special alloy steel	GT-NS20 / NR20 / N20 / NB20

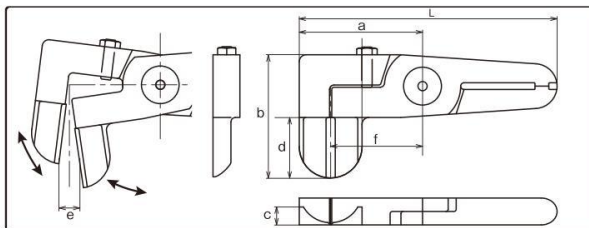
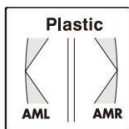
气动剪刀 AIR Nipper

标准刀头 树脂用 Air nipper standard/quasi-standard blades for plastic

标准产品 树脂用横侧柄刀头 Laterally facing blades for plastics

NO. AML/AMR

AMR/AML: 刀头前端与刀柄成90度, 有障碍物或浇口狭窄时有效。

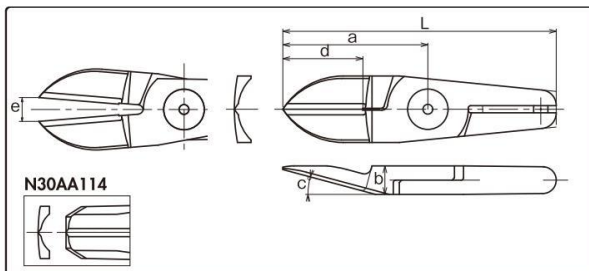
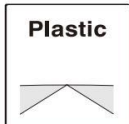


Model No.	a	b	c	Size (mm)		e	f	L	Weight (g)	Material	Application model
N20AML1498	55	55	8	26	9.5	41	115	270	Special alloy steel	GT-NS20 / NR20 / N20 / NB20	
N20AMR1499	55	55	8	26	9.5	41	115	270	Special alloy steel	GT-NS20 / NR20 / N20 / NB20	
N30AML1435	55	68	10	35	13	39	139	520	Special alloy steel	GT-NS30 / NR30 / N30 / NB30	
N30AMR1395	55	68	10	35	13	39	139	520	Special alloy steel	GT-NS30 / NR30 / N30 / NB30	

标准产品 树脂用 R 型刀头(刀刃有倾斜角) R blades for plastic

NO. 标准产品

处理曲面浇口或剪切后必须无残留时有效。
刀刃含有倾斜角, 可根据本体安装角度选取最适刀头。

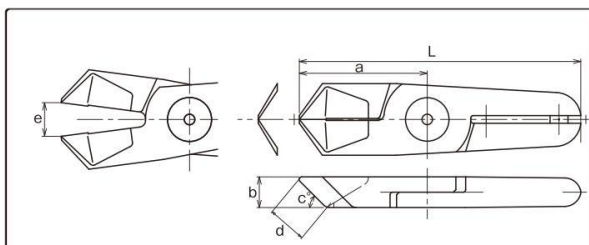
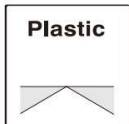


Model No.	a	b	Size (mm)		e	L	Weight (g)	Material	Application model
N10LAB152	61	12	15	35	10	115	165	Special alloy steel	GT-NS10 / NR10L
N20AA27	45	12	23	25	12	105	145	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AA239	52.3	12	40	27	14	112.3	195	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AB360	61	12	15	35	16	121	185	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AA114	76.3	17	30	50	20	160.3	385	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

标准产品 树脂用斜角型气动剪钳 Angled nipping blades for plastic

NO. 标准产品

AE: 处理直接浇口和搭接浇口时有效。刀刃含有倾斜角, 本体可倾斜安装。



Model No.	a	b	Size (mm)		e	L	Weight (g)	Material	Application model
N20AE19	50	12	45	13	13	110	200	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AE53	65	17	65	18.5	16	149	440	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

气动剪刀 AIR Nipper

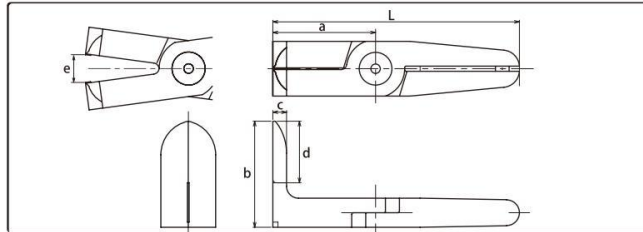
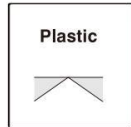
标准刀头 树脂用 Air nipper quasi-standard blades for plastic

标准产品 树脂用大 L 型刀头

L blades for sprue cut

NO. 标准产品

这是一个 90 度角的加长直角刀头。最适合切割直浇口。



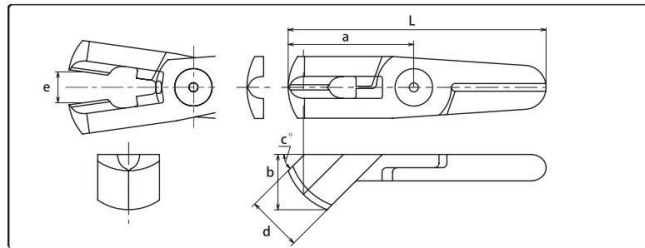
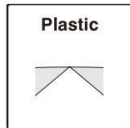
Model No.	Size (mm)				e	L	Weight (g)	Material	Application model
	a	b	c	d					
N30AL525	60	62	8	36	16	144	520	Special alloy steel	GT-N30 / NS30 / NR30 / NB30

标准产品 弧面刀刃气动剪钳

Nipping blades for sprue cut

NO. 标准产品

剪切球状表面浇口有效。刀头可插入狭窄区域，剪切后无残留，剪切面平整。



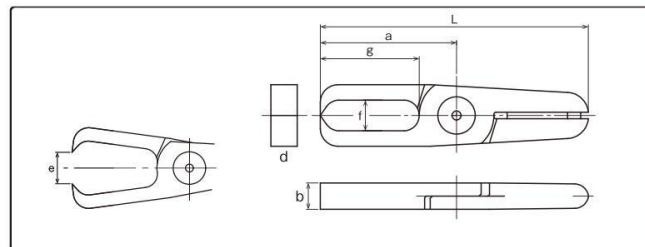
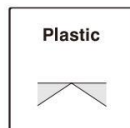
Model No.	Size (mm)				e	L	Weight (g)	Material	Application model
	a	b	c	d					
N20AK249	57	25	45	25	14	117	240	Special alloy steel	GT-N20 / NS20 / NR20 / NB20

标准产品 树脂用气动剪钳

nipping blades for plastic

NO. 标准产品

AE：处理直接浇口和搭接浇口时有效。



Model No.	Size (mm)				e	L	Weight (g)	Material	Application model
	a	b	f×g	d					
N20AE1205	62	12	14×45	12	16.5	122	202	Special alloy steel	GT-NS20 / NR20 / N20 / NB20



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