

普通空气管道用 ES系列空气管道的接头

ES series for Air



重新设计 Redesign

流量最大
23%UP!

与本公司对比

无硅规格
适用于涂装生产线等场所
Siliconless spec. for the place of painting lines

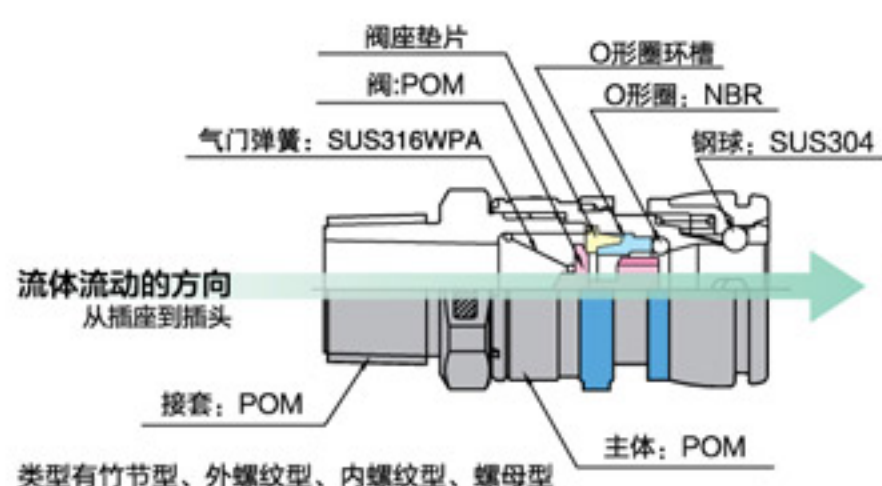
重量轻、易操作、塑料材质

Light and handy because of plastics

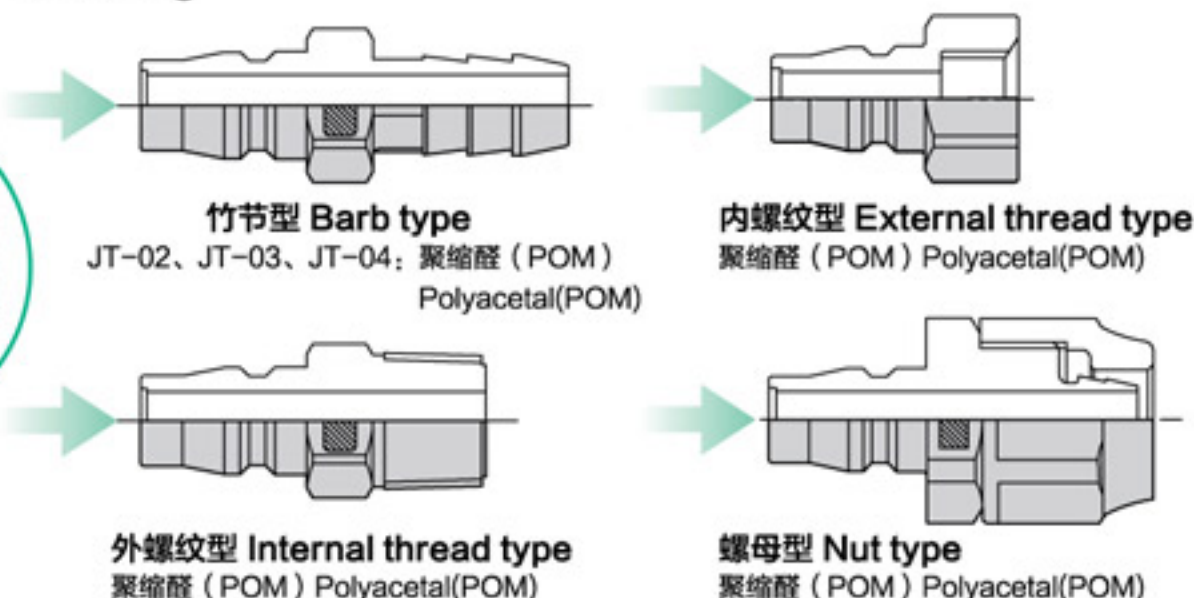
采用轻型塑料，方便连接与操作

Use Light plastic Easy connection and operation

插座Socket



插头Plug



JOSOT系列的
塑料插座和插
头的规格是统
一的，可以任
意匹配组合。

* 建议使用同一系列
内的组合。

规格 Spec.

适用流体: 空气
常用使用压力: 0.98MPa (10kgf/cm²) 以下
使用环境温度: -20~80℃ (-4~176°F)
使用流体温度: 0~50℃ (32~122°F)
包装: 插座5pcs/箱 · 插头10PCS/箱

Adapted fluid: Air
Working pressure: under 0.98MPa(10kgf/cm²)
Working atmosphere: -20~80℃(-4~176°F)
Using fluid temperature: 0~50℃(32~122°F)
Packaging: socket 5pcs/box, plug 10pcs/box

- 一步到位的连接方式，安装卸下都很简单。
- 安全锁机制。
- 采用具有卓越的耐冲击性能的工程材料。
- 采用轻型塑料，重量轻。

- One touch connecting system and easy connection
- Safety lock mechanism
- Adoption of the engineering plastic excellent in the shock performance
- Plastics body is lightweight

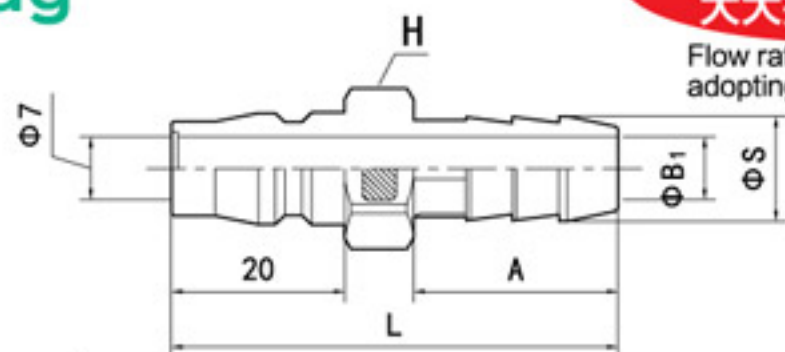
插头 Plug

采用新型单向阀
大大提高了流量!

Flow rate is increased by adopting new type valve!

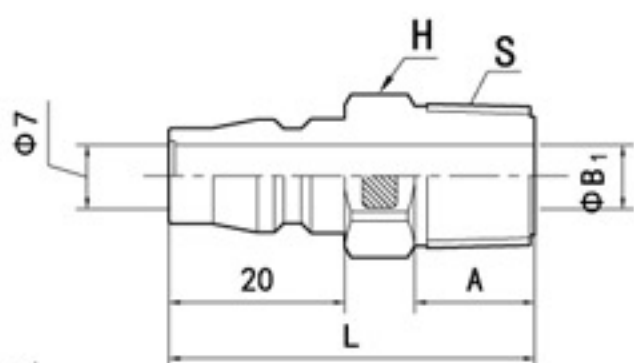
Mounting hose size of the other side (inside diameter: φmm)

安装另一端软管尺寸 (内径 φmm)	Weight(g) 重量(g)	(单位: mm) (Unit: mm)					型式 Model
A	B ₁	S	L	H(六角)			
7	5	25	5	9	53	17	JT-02
10	6	24	7	11.5	52	17	JT-03
13	7	24	7	15	52	17	JT-04



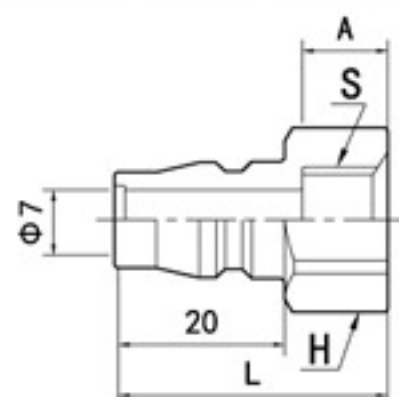
Mounting external thread size of the other side

安装另一端内螺纹尺寸	Weight(g) 重量(g)	(单位: mm) (Unit: mm)					型式 Model
A	B ₁	S	L	H(六角)			
Rc 1/8 (PT)	4	9.5	3.8	R1/8 (PT)	38	17	JS-01
Rc 1/4 (PT)	5	14	7	R1/4 (PT)	42	17	JS-02
Rc 3/8 (PT)	6	14	7.2	R3/8 (PT)	42	17	JS-03
Rc 1/2 (PT)	9	16.5	14	R1/2 (PT)	43.5	22	JS-04



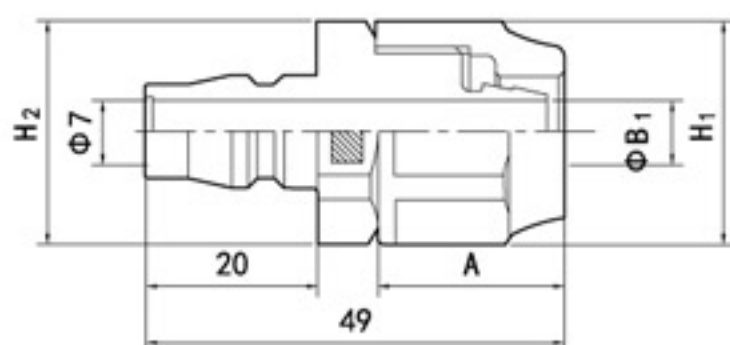
Mounting external thread size of the other side

安装另一端外螺纹尺寸	Weight(g) 重量(g)	(单位: mm) (Unit: mm)					型式 Model
A	S	L	H(六角)				
R 1/8 (PT)	5	10	Rc1/8 (PT)	32	19		JF-01
R 1/4 (PT)	5	10	Rc1/4 (PT)	32	19		JF-02



Mounting hose size of the other side (inside diameter: φmm)

安装另一端软管尺寸 (内径 φmm)	Weight(g) 重量(g)	(单位: mm) (Unit: mm)					型式 Model
A	B	H1(六角)	H2(六角)				
4 6	12	22	4	19	22		JN-4N
5 8	12	22	4	19	22		JN-5N
6.5 10	12	22	5.5	19	22		JN-6.5N
8 12	14	22	7	22	22		JN-8N
9 15	16	22	7	24	24		JN-9N

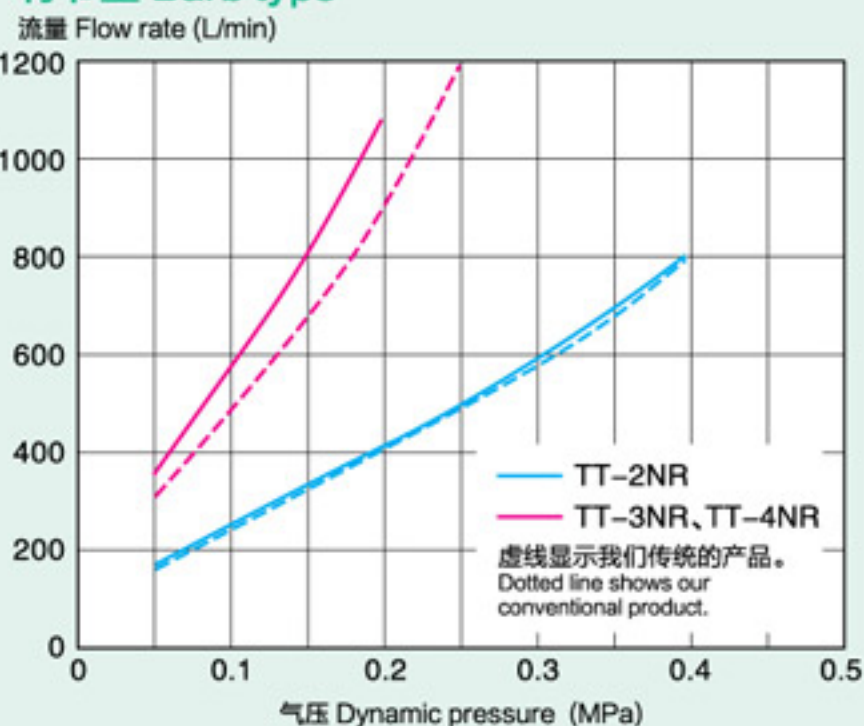


流量表 Flow rate

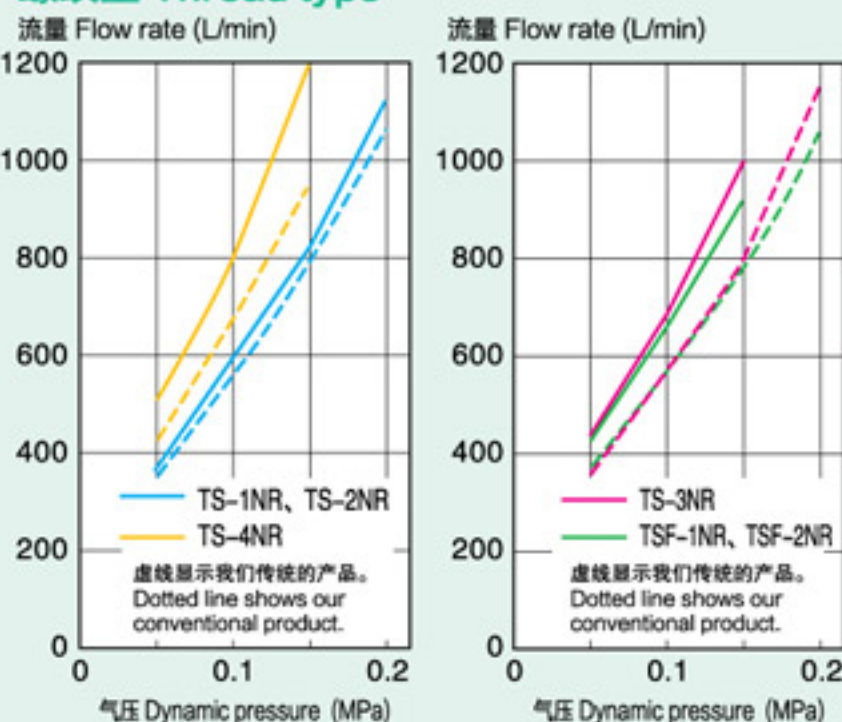
测试条件
measurement
condition

流体: 空气
Fluid: Air
压力: 0~0.5MPa(0~5kgf/cm²)
Pressure
温度: 常温20±15℃
Temp: room temperature

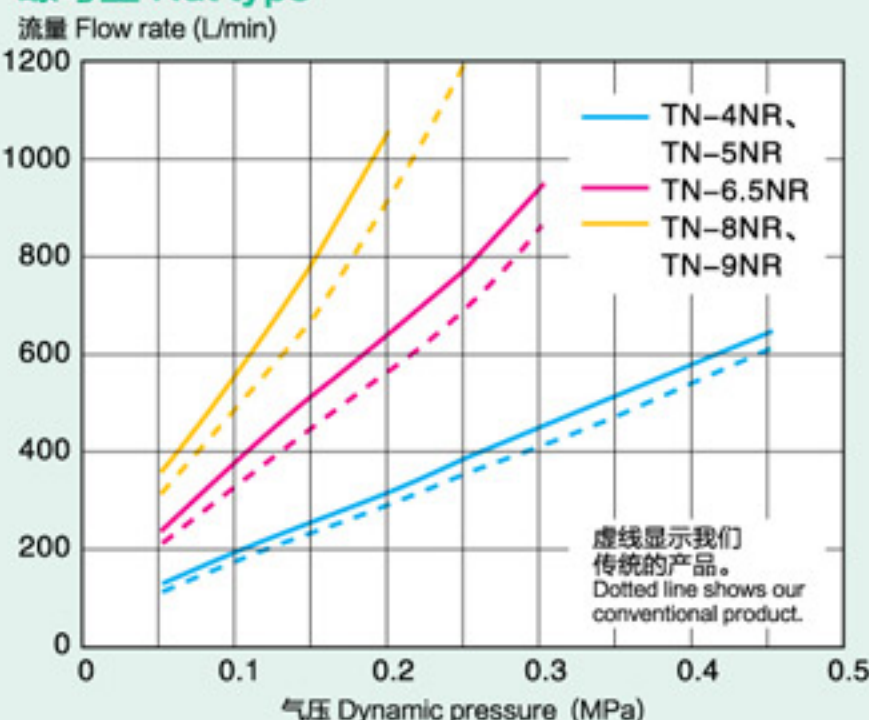
竹节型 Barb type



螺纹型 Thread type



螺母型 Nut type



注意!

- ★ 本流量特性图表, 只记载了【流向: 插座→插头】的数据。
- ★ 本流量特性图表的数据为试验中目测数值。根据所使用的管道、泵、终端出口的工具, 及使用环境、使用条件等不同而不同, 所以不能保证产品的流量特性。请务必在确认实际使用条件后, 依据个人判断进行使用。
- ★ 根据连接形状不同最小横截面积也不同。

Attention!

- ★ This flow rate characteristic graph shows only data of the flow direction and just approximation.
- ★ It is dependant on piping, pump, tools of exit tip etc and working atmosphere, working condition and so on and doesn't guarantee the characteristics of products. Please use them by your decision always after confirming it under actual use condition.
- ★ Minimum area of cross section is dependant on connecting form.

塑料接头 Plastic Coupling

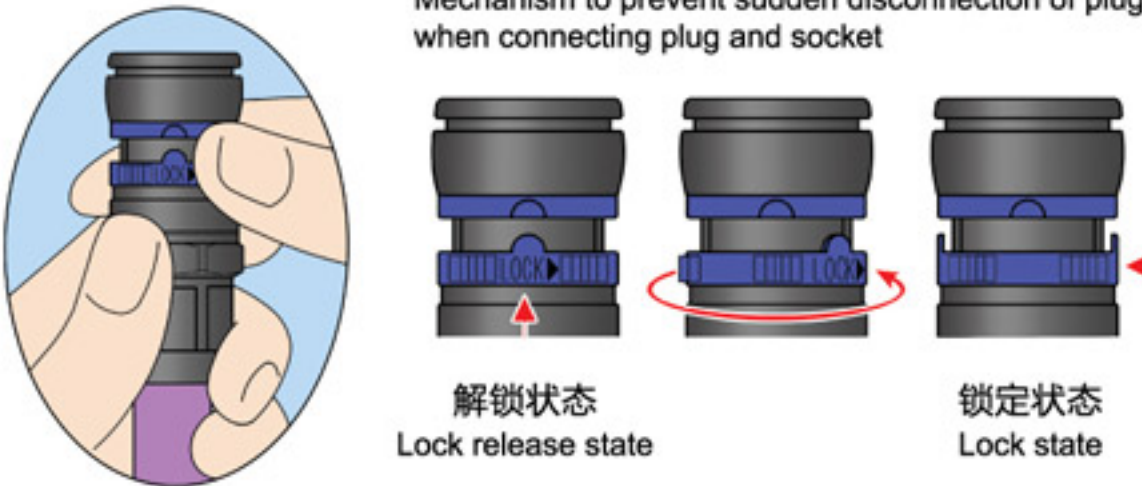
塑料制成——轻便、易操作
Light and handy because of plastics



追求更为便捷的操作是JOSOT系列的特征
Feature of JOSOT SERIES, pursued more usability

安全锁扣结构 PAT. Safety lock mechanism PAT.

插头与插座连接状态下，为防止插头不小心受碰压而脱离的装置。
Mechanism to prevent sudden disconnection of plug when connecting plug and socket



分别拿着主体和安全锁环，旋转锁环（朝箭头方向）90度，直到听见“咔”的一声，则变成锁定状态。要解除锁定，要向相反的方向旋转至听到“咔”的声音。
Hold the body and safety lock ring respectively and turn the ring by 90 degree(to the direction of ▲)until it clicks, then lock state is ready. In order to unlock, turn them to the opposite direction until it clicks.

单触式连接方式 One touch connecting system

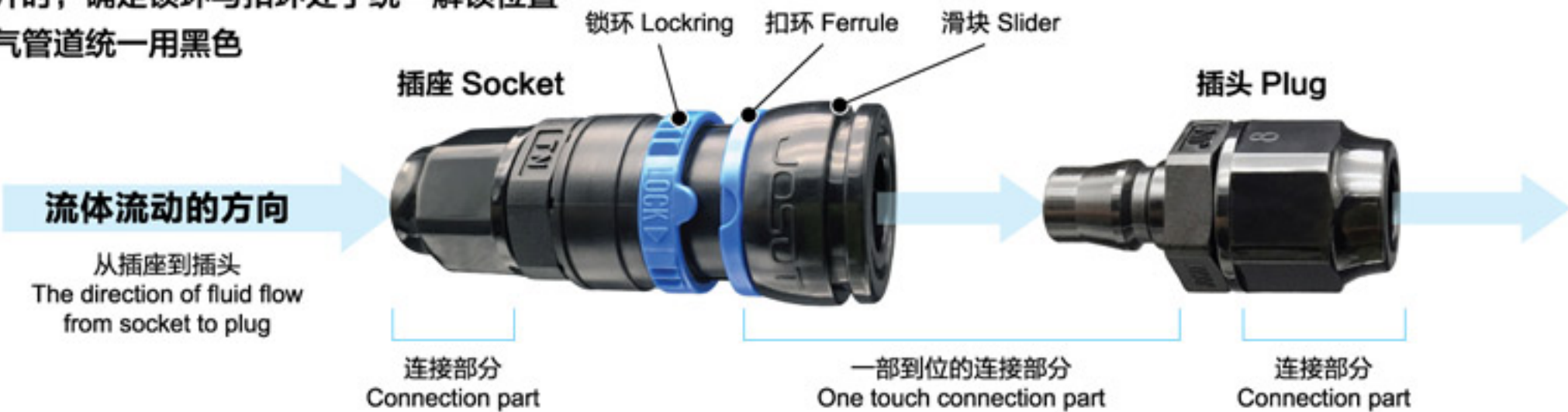
只将插头插入插座，一个动作就能完成连接！
Easy connection only to insert plug



安装结束后，为了防止连接断开，将安全锁机制调节至锁定的状态。预先在锁定插座的状态下安装插头也OK！
After mounting completion, bring safety lock mechanism to lock state for prevention of dropping out.

产品特点

- ① 根据形状、流量、材质、选择合适的接头类型 (P10、14流量表参照)
- ② 断开时，确定锁环与扣环处于统一解锁位置
- ③ 空气管道统一用黑色

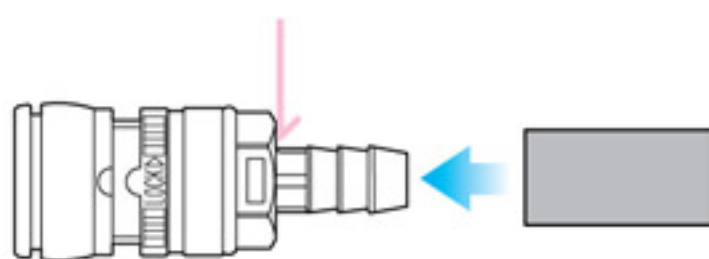


安装方法 Mounting Methode

竹节型 Barb type

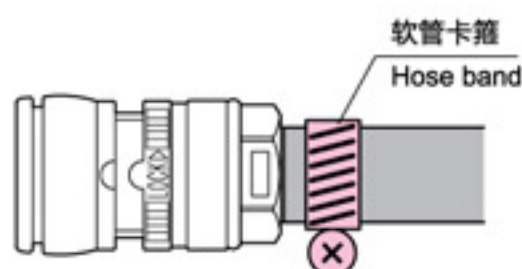


- 1、将气管插入竹节型接头底部
Insert hose to the basis of barb part



注意!
★请务必使用型号合适的软管。
Attention!
★use surely size suitable hose.

- 2、用软管卡箍将气管卡住
Please fasten tightly by hose band for prevention of dropping out from the body

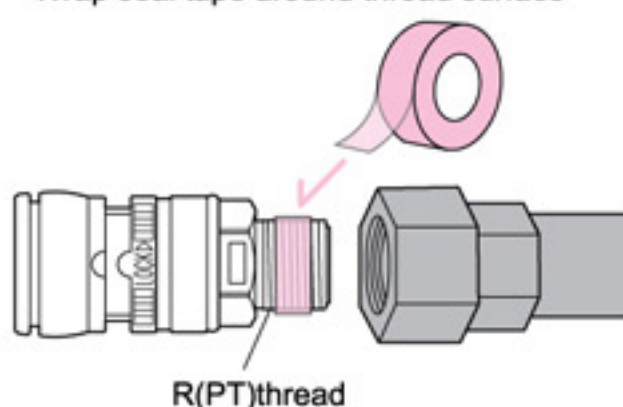


注意!
★若不用软管卡箍固定，软管会从产品上脱落，引发事故。另外，紧固过紧也会损坏产品。
Attention!
★When not fastening by hose band, hose might be dropped out from the body, then it may cause accident. When fastening strongly more than necessary by hose band, the body might be damaged.

螺纹型 Thread Type

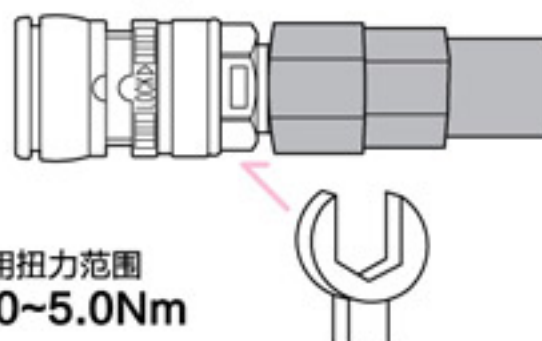


- 1、将生料带缠住螺纹表面
Wrap seal tape around thread surface



注意!
★若不缠密封胶布，可能会导致泄露及接触不严。
Attention!
★When using without seal tape wrapping, Leak and connection defect might be caused.

- 2、使用相对应的扳手将接头与螺母拧紧
Temporary tightening of the other side (internal thread side) by hand and then lock in by spanner.



适用扭力范围
3.0~5.0Nm

Proper thread fastening torque
合适的紧固扭矩。

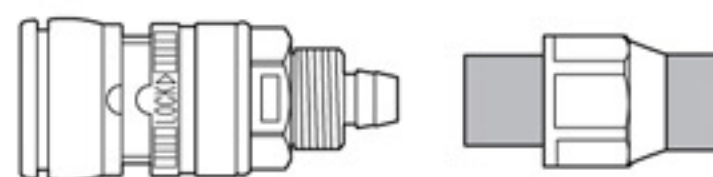
注意!
★用手拧时，请注意不要让螺纹错位。
★为防止螺纹破损，请务必选择合适的扭矩进行安装。
★拧入紧固时若拧得过紧，可能会损坏产品及配套部件。请务必选择合适的扭矩进行安装。
※扭矩值依螺纹规格不同而不同。
Attention!
★When temporary fastening, be careful not to slip off from thread ridge.
★proper thread fastening torque is necessary not to damage thread ridge.
★When tightening strongly beyond necessary torque, it might cause damage of the product and the other side, please keep proper torque.
※The value of torque is dependant on thread size.

螺母型 Nut Type



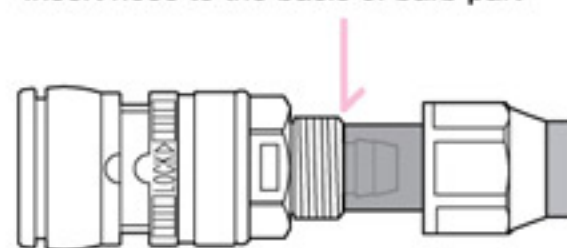
不需要卡箍固定
Fastening tightly without hose band

- 1、拧开螺母盖，将气管插入螺母盖内
Remove out nut from socket(nut) by hand and pass hose through nut.

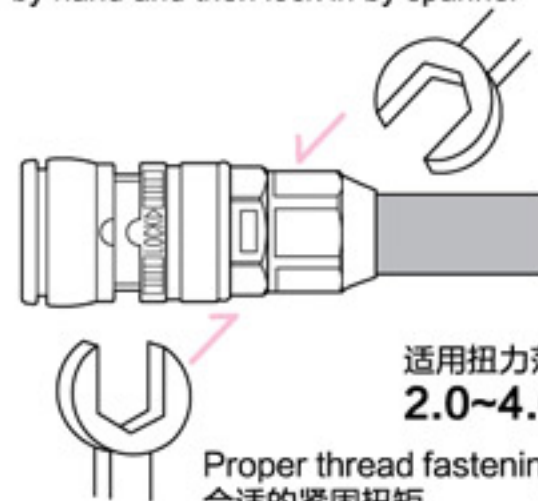


注意!
★请务必使用型号合适的软管。
Attention!
★use surely size suitable hose.

- 2、将气管插入螺母接头的底部
Insert hose to the basis of barb part



- 3、使用扳手将螺母盖与螺母拧紧
Temporary tightening of socket(plug) by hand and then lock in by spanner



适用扭力范围
2.0~4.0Nm

Proper thread fastening torque
合适的紧固扭矩。

注意!
★用手拧时，请注意不要让螺纹错位。
★为防止螺纹破损，请务必选择合适的扭矩进行安装。
★拧入紧固时若拧得过紧，可能会损坏产品及配套部件。请务必选择合适的扭矩进行安装。
※扭矩值依螺纹规格不同而不同。另外，也依据安装配套的软管的材质而不同。
Attention!
★When temporary fastening, be careful not to slip off from thread ridge.
★proper thread fastening torque is necessary not to damage thread ridge.
★When tightening strongly beyond necessary torque, it might cause damage of the product and the other side, please keep proper torque.
※The value of torque is dependant on and also mounting hose material of the other side.