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Sales of the components illustrated and described in the present catalogue in Italy and abroad are handled through the organization indicated in the section "Sales Network". The overall dimensions and technical information are provided solely for informative reasons and may be subject to change without notice.

无论在意大利还是海外,此样本中说明和描述的产品由Pneumax "销售网络" 中的机构自行掌控.总体尺寸和技术信息仅供参考,如有改变,恕不通知.

|                                                                        |    |
|------------------------------------------------------------------------|----|
| 技术特性<br>Technical features                                             | 2  |
| "RAP" 快插接头<br>"RAP" Brass push-in fittings                             | 4  |
| "RAP OT" 全铜快插接头<br>"RAP OT" Brass push-in fittings                     | 13 |
| "RAP SS" 316L不锈钢快插接头<br>"RAP SS" Stainless Steel 316L push-in fittings | 20 |
| "Tecno-RAP" 快插接头<br>"Tecno-RAP" Push-in fittings                       | 22 |
| "Micro-RAP" 紧凑型接头<br>"Micro-RAP" Compact fittings                      | 38 |
| 标准接头<br>Standard fittings                                              | 39 |
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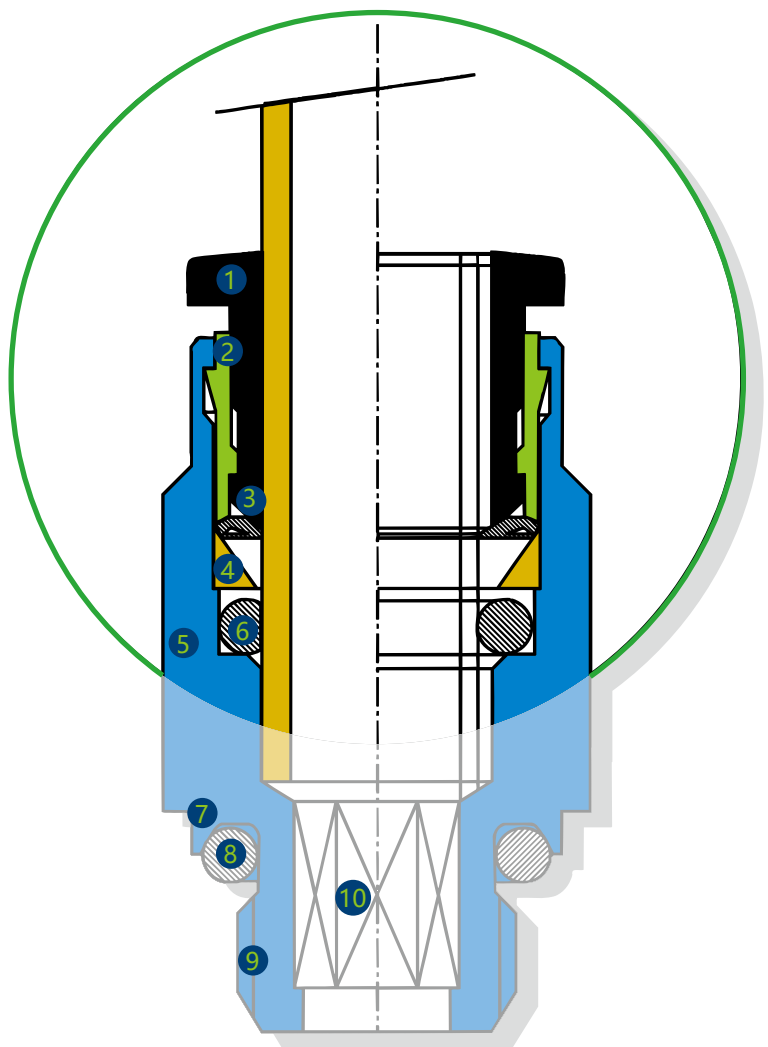
注意: 如所需产品不在样本中, 请联系当地分公司。

NOTE: For the items not included in the catalogue, please contact our local offices.





- 1 推力环.  
Thrust ring(synthetic material).
- 2 阻塞环.  
Block ring(synthetic material).
- 3 新型不锈钢簧片设计.  
长效管密封保证.  
接头尺寸最小化.  
New design stainless steel clamp.  
Permanent pipe seal guaranteed.  
Fitting dimensions reduced to a minimum.
- 4 限位环.  
Distance ring(synthetic material).
- 5 RAP系列为镀镍铜材质.  
Nickel-plated brass body for Rap model.  
Tecno-RAP系列为工程塑料材质.  
Technopolymer body for Tecno-Rap model.
- 6 不含硅的 NBR O型圈.  
Silicone-free NBR O-Ring.
- 7 配合阀及气缸的接口表面.  
Exact valve and cylinder spot-facing surfaces.
- 8 O型圈自有密封槽.  
不光滑表面也可密封.  
O-Ring seals with own seat.  
Improved seal even with unpolished surfaces.
- 9 螺纹从 M5 至 1/2" .  
Threading from M5 to 1/2" .
- 10 内六角便于在狭小空间装配.  
Internal hexagon to facilitate assembly in limited spaces.



## 快插接头的技术参数

| Ø<br>气管外径<br>mm | Ø<br>气管内径<br>mm | 在标准软管中的测试压力(bar) |                |                |           |     |  |
|-----------------|-----------------|------------------|----------------|----------------|-----------|-----|--|
|                 |                 | -20°C<br>+30°C   | +31°C<br>+50°C | +51°C<br>+70°C |           |     |  |
|                 |                 | Rap              | Tecno-Rap      | Rap            | Tecno-Rap | Rap |  |
| 4               | 2               | 18               | 12             | 18             | 12        | 18  |  |
| 6               | 4               | 18               | 12             | 15             | 12        | 15  |  |
| 8               | 6               | 15               | 12             | 15             | 12        | 11  |  |
| 10              | 8               | 14               | 10             | 12             | 10        | 8   |  |
| 12              | 10              | 14               | 10             | 12             | 10        | 8   |  |
| 14              | 12              | 12               | -              | 10             | -         | 6   |  |

### PA11和PA12气管的公差

| Ø<br>气管外径 | Ø<br>外径公差   |
|-----------|-------------|
| 4 至 5 mm  | +0.05 -0.08 |
| 6 至 14 mm | +0.05 -0.1  |

### PU气管的公差

| Ø<br>气管外径 | Ø<br>外径公差  |
|-----------|------------|
| 4 至 14 mm | +0.15 -0.1 |

### 技术参数

温度范围:

Rap -20°C ~ +70°C  
Rap OT -20°C ~ +70°C  
Tecno-Rap -20°C ~ +50°C

介质:

压缩空气(其它另询)

主要材料:

|     | Rap      | Rap OT   | Tecno-RAP |
|-----|----------|----------|-----------|
| 本体  | 镀镍黄铜 H58 | 镀镍黄铜 H58 | 工程塑料      |
| 密封件 | 无硅NBR    | 无硅NBR    | 无硅NBR     |
| 簧片  | AISI304  | AISI304  | AISI304   |
| 推力环 | 合成材料     | 镀镍黄铜 H58 | 合成材料      |

螺纹:

含O型圈管螺纹 BSP UNI-ISO 228/1  
特氟龙锥螺纹 BSPT UNI-ISO 7/1

### 主要特性

- 1 满额流量
- 2 单手操作
- 3 适用于聚酰胺, 聚氨酯, 尼龙及聚乙烯气管
- 4 极其紧凑
- 5 结实轻巧
- 6 复杂管路系统的模块化安装
- 7 密封槽含O型圈, 确保密封光滑平面
- 8 适用于真空

## TECHNICAL DATA FOR PUSH-IN FITTINGS

| Outside<br>pipe<br>diameter<br>mm | Inside<br>pipe<br>diameter<br>mm | Working pressure in bar<br>tested with<br>standard air hoses |                |                |           |     |  |
|-----------------------------------|----------------------------------|--------------------------------------------------------------|----------------|----------------|-----------|-----|--|
|                                   |                                  | -20°C<br>+30°C                                               | +31°C<br>+50°C | +51°C<br>+70°C |           |     |  |
|                                   |                                  | Rap                                                          | Tecno-Rap      | Rap            | Tecno-Rap | Rap |  |
| 4                                 | 2                                | 18                                                           | 12             | 18             | 12        | 18  |  |
| 6                                 | 4                                | 18                                                           | 12             | 15             | 12        | 15  |  |
| 8                                 | 6                                | 15                                                           | 12             | 15             | 12        | 11  |  |
| 10                                | 8                                | 14                                                           | 10             | 12             | 10        | 8   |  |
| 12                                | 10                               | 14                                                           | 10             | 12             | 10        | 8   |  |
| 14                                | 12                               | 12                                                           | -              | 10             | -         | 6   |  |

### TOLERANCES FOR PA11 AND PA12 PIPES

| Outside pipe<br>diameter | Outside pipe<br>diameter tolerance |
|--------------------------|------------------------------------|
| 4 and 5 mm               | +0.05 -0.08                        |
| from 6 to 14 mm          | +0.05 -0.1                         |

### TOLERANCES FOR POLYURETHANE(PU)PIPES

| Outside pipe<br>diameter | Outside pipe<br>diameter tolerance |
|--------------------------|------------------------------------|
| from 4 to 14 mm          | +0.15 -0.1                         |

### TECHNICAL DATA

Working temperature:

Rap -20°C ~ +70°C  
Rap OT -20°C ~ +70°C  
Tecno-Rap -20°C ~ +50°C

Fluid:

Compressed air(other fluids on request)

Main material:

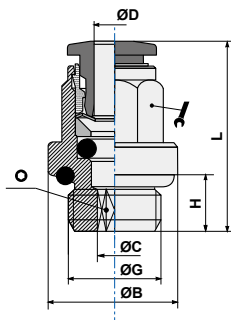
|         | Rap                 | Rap OT              | Tecno-RAP          |
|---------|---------------------|---------------------|--------------------|
| Body    | Nickel-plated brass | Nickel-plated brass | Technopolymer      |
| Gaskets | Silicone-free NBR   | Silicone-free NBR   | Silicone-free NBR  |
| Clamp   | AISI304             | AISI304             | AISI304            |
| Ring    | Synthetic Material  | Nickel-plated brass | Synthetic Material |

Filettatura:

Cylindrical BSP with O-Ring UNI-ISO 228/1  
Tefloned BSPT taper thread UNI-ISO 7/1

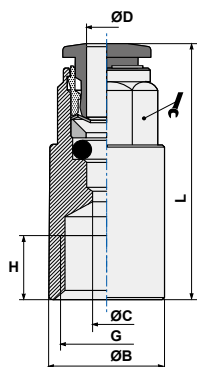
### MAIN FEATURES

- 1 Full flow
- 2 Can be inserted and extracted with one hand
- 3 Suitable for tubes Rilsan, Polyurethane, Nylon, Polyethylene
- 4 Supercompact
- 5 Extremely lightweight yet sturdy
- 6 Modular assembly for complex pipe systems
- 7 O-Ring provided with his own seat to ensure seal with polished surfaces
- 8 Suitable for vacuum application



## ART. 01 直通外螺纹(G) Straight male adaptor(parallel)

| CODICE | ØD | G   | ØC | ØB | H   | L    |    | Ø  |  |
|--------|----|-----|----|----|-----|------|----|----|--|
| 0104M5 | 4  | M5  |    | 10 | 3.5 | 20.5 | 10 | 2  |  |
| 0104M6 | 4  | M6  |    | 10 | 4   | 20.5 | 10 | 2  |  |
| 010418 | 4  | 1/8 |    | 14 | 5.5 | 19.5 | 10 | 3  |  |
| 010414 | 4  | 1/4 |    | 17 | 7.5 | 18.6 | 10 | 3  |  |
| 010438 | 4  | 3/8 |    | 20 | 7.5 | 19.6 | 10 | 3  |  |
| 0106M5 | 6  | M5  |    | 12 | 3.5 | 22.8 | 12 | 2  |  |
| 0106M6 | 6  | M6  |    | 12 | 4   | 22.8 | 12 | 2  |  |
| 010618 | 6  | 1/8 |    | 14 | 5.5 | 22   | 12 | 4  |  |
| 010614 | 6  | 1/4 |    | 17 | 7.5 | 22.5 | 12 | 4  |  |
| 010638 | 6  | 3/8 |    | 20 | 7.5 | 20.3 | 12 | 4  |  |
| 010612 | 6  | 1/2 |    | 24 | 10  | 23   | 12 | 4  |  |
| 010818 | 8  | 1/8 |    | 14 | 5.5 | 25   | 14 | 4  |  |
| 010814 | 8  | 1/4 |    | 17 | 7.5 | 24   | 14 | 5  |  |
| 010838 | 8  | 3/8 |    | 20 | 7.5 | 20.5 | 14 | 6  |  |
| 010812 | 8  | 1/2 |    | 24 | 10  | 24   | 14 | 6  |  |
| 011018 | 10 | 1/8 |    | 14 | 5.5 | 29   | 17 | 4  |  |
| 011014 | 10 | 1/4 |    | 17 | 7.5 | 30.5 | 17 | 6  |  |
| 011038 | 10 | 3/8 |    | 20 | 7.5 | 27   | 17 | 8  |  |
| 011012 | 10 | 1/2 |    | 24 | 10  | 30   | 17 | 8  |  |
| 011218 | 12 | 1/8 |    | 14 | 5.5 | 30   | 21 | 4  |  |
| 011214 | 12 | 1/4 |    | 17 | 7.5 | 33   | 21 | 6  |  |
| 011238 | 12 | 3/8 |    | 20 | 7.5 | 28   | 21 | 8  |  |
| 011212 | 12 | 1/2 |    | 24 | 10  | 30.5 | 21 | 8  |  |
| 011638 | 16 | 3/8 |    | 20 | 7.5 | 35   | 24 | 8  |  |
| 011612 | 16 | 1/2 |    | 24 | 10  | 37   | 24 | 10 |  |

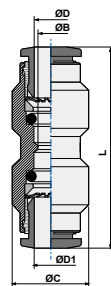


## ART. 02 直通内螺纹 Straight female adaptor

| CODICE | ØD | G   | ØC | ØB | H   | L    |    | Ø |  |
|--------|----|-----|----|----|-----|------|----|---|--|
| 0204M5 | 4  | M5  |    | 10 | 5.5 | 21   | 10 |   |  |
| 0204M6 | 4  | M6  |    | 10 | 6   | 21.5 | 10 |   |  |
| 020418 | 4  | 1/8 |    | 10 | 8.5 | 24   | 14 |   |  |
| 020414 | 4  | 1/4 |    | 10 | 11  | 26.5 | 17 |   |  |
| 0206M5 | 6  | M5  |    | 12 | 5.5 | 21.5 | 12 |   |  |
| 0206M6 | 6  | M6  |    | 12 | 6   | 22   | 12 |   |  |
| 020618 | 6  | 1/8 |    | 12 | 8.5 | 24.5 | 14 |   |  |
| 020614 | 6  | 1/4 |    | 12 | 11  | 27   | 17 |   |  |
| 020638 | 6  | 3/8 |    | 12 | 12  | 28   | 21 |   |  |
| 020612 | 6  | 1/2 |    | 12 | 14  | 30   | 24 |   |  |
| 020818 | 8  | 1/8 |    | 14 | 8.5 | 26   | 14 |   |  |
| 020814 | 8  | 1/4 |    | 14 | 11  | 28.5 | 17 |   |  |
| 020838 | 8  | 3/8 |    | 14 | 12  | 29.5 | 21 |   |  |
| 020812 | 8  | 1/2 |    | 14 | 14  | 31.5 | 24 |   |  |
| 021018 | 10 | 1/8 |    | 17 | 8.5 | 29.5 | 17 |   |  |
| 021014 | 10 | 1/4 |    | 17 | 11  | 32.7 | 17 |   |  |
| 021038 | 10 | 3/8 |    | 17 | 12  | 33   | 21 |   |  |
| 021012 | 10 | 1/2 |    | 17 | 14  | 35.7 | 24 |   |  |
| 021218 | 12 | 1/8 |    | 20 | 8.5 | 31   | 21 |   |  |
| 021214 | 12 | 1/4 |    | 20 | 11  | 33.5 | 21 |   |  |
| 021238 | 12 | 3/8 |    | 20 | 12  | 34.5 | 21 |   |  |
| 021212 | 12 | 1/2 |    | 20 | 14  | 36.5 | 24 |   |  |
| 021638 | 16 | 3/8 |    | 24 | 12  | 36.5 | 24 |   |  |
| 021612 | 16 | 1/2 |    | 24 | 14  | 38.5 | 24 |   |  |

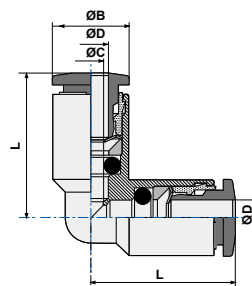
ART. 03 直通变径  
Straight connector

| CODICE | ØD | ØD1 | ØB | ØC | L    |  |  |  |
|--------|----|-----|----|----|------|--|--|--|
| 030400 | 4  | 4   | 3  | 11 | 32   |  |  |  |
| 030600 | 6  | 6   | 5  | 13 | 36.1 |  |  |  |
| 030800 | 8  | 8   | 7  | 15 | 38   |  |  |  |
| 031000 | 10 | 10  | 9  | 18 | 42.3 |  |  |  |
| 031200 | 12 | 12  | 11 | 21 | 45.8 |  |  |  |



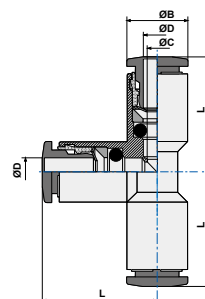
ART. 04 L型  
Elbow connector

| CODICE | ØD | ØC | ØB | L    |  |  |  |  |
|--------|----|----|----|------|--|--|--|--|
| 040400 | 4  | 3  | 10 | 19   |  |  |  |  |
| 040600 | 6  | 5  | 11 | 20.6 |  |  |  |  |
| 040800 | 8  | 7  | 13 | 23   |  |  |  |  |
| 041000 | 10 | 8  | 16 | 26.4 |  |  |  |  |
| 041200 | 12 | 10 | 19 | 28.9 |  |  |  |  |



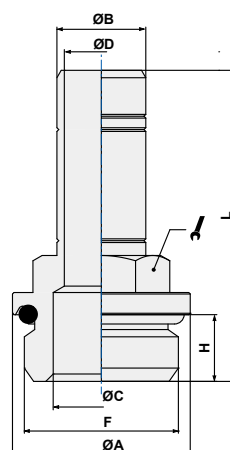
ART. 05 T型  
T connector

| CODICE | ØD | ØC | ØB | L    |  |  |  |  |
|--------|----|----|----|------|--|--|--|--|
| 050400 | 4  | 3  | 9  | 17.3 |  |  |  |  |
| 050600 | 6  | 5  | 11 | 20.6 |  |  |  |  |
| 050800 | 8  | 7  | 13 | 23   |  |  |  |  |
| 051000 | 10 | 8  | 16 | 26.4 |  |  |  |  |
| 051200 | 12 | 10 | 19 | 28.9 |  |  |  |  |



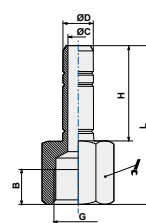
ART. 06 螺纹杆状(短)  
Adaptor parallel(short)

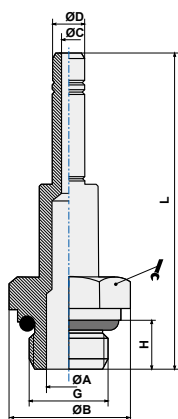
| CODICE | ØB | F   | ØA | ØC  | ØD  | H   | L    |    |  |
|--------|----|-----|----|-----|-----|-----|------|----|--|
| 0604M5 | 4  | M5  | 8  | 2   | 2   | 4   | 24.7 | 8  |  |
| 0604M6 | 4  | M6  | 9  | 2   | 2   | 5   | 25.7 | 8  |  |
| 060418 | 4  | 1/8 | 13 | 5.5 | 2   | 5.5 | 27.7 | 13 |  |
| 060414 | 4  | 1/4 | 16 | 7.5 | 2   | 6.5 | 29.2 | 13 |  |
| 0606M5 | 6  | M5  | 8  | 2.6 | 2.6 | 4   | 27.5 | 8  |  |
| 0606M6 | 6  | M6  | 9  | 2.6 | 2.6 | 5   | 29   | 8  |  |
| 060618 | 6  | 1/8 | 13 | 5.5 | 4   | 5.5 | 30.5 | 13 |  |
| 060614 | 6  | 1/4 | 16 | 7.5 | 4   | 6.5 | 32   | 13 |  |
| 060818 | 8  | 1/8 | 13 | 6   | 6   | 5.5 | 32   | 13 |  |
| 060814 | 8  | 1/4 | 16 | 7.5 | 6   | 6.5 | 33.5 | 13 |  |
| 060838 | 8  | 3/8 | 20 | 9   | 6   | 7.5 | 35.5 | 13 |  |
| 061018 | 10 | 1/8 | 13 | 6   | 6   | 5.5 | 35   | 13 |  |
| 061014 | 10 | 1/4 | 16 | 8   | 8   | 6.5 | 36.5 | 13 |  |
| 061038 | 10 | 3/8 | 20 | 8   | 8   | 7.5 | 39.5 | 13 |  |
| 061214 | 12 | 1/4 | 16 | 8   | 8   | 6.5 | 37.5 | 13 |  |
| 061238 | 12 | 3/8 | 20 | 11  | 10  | 7.5 | 40.5 | 13 |  |
| 061212 | 12 | 1/2 | 24 | 13  | 10  | 9   | 42   | 16 |  |



ART. 06F 内螺纹杆状  
Female parallel adaptor

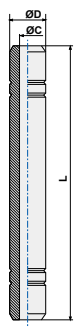
| CODICE  | ØD | G   | ØC | B | H    | L    |    |  |
|---------|----|-----|----|---|------|------|----|--|
| 06F0418 | 4  | 1/8 | 2  | 7 | 16.7 | 29.7 | 12 |  |
| 06F0618 | 6  | 1/8 | 4  | 7 | 19.5 | 32.5 | 12 |  |
| 06F0614 | 6  | 1/4 | 4  | 8 | 19.5 | 35.5 | 17 |  |
| 06F0814 | 8  | 1/4 | 6  | 8 | 21   | 37   | 17 |  |





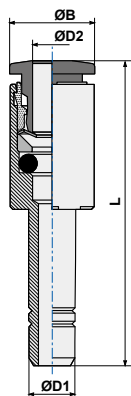
ART. 60 螺纹杆状(长)  
Adaptor parallel(long)

| CODICE | ØD | G   | ØC | ØB | H   | L    | ØA  |    |  |
|--------|----|-----|----|----|-----|------|-----|----|--|
| 600418 | 4  | 1/8 | 2  | 13 | 5.5 | 39.2 | 6   | 13 |  |
| 600618 | 6  | 1/8 | 4  | 13 | 5.5 | 45   | 6   | 13 |  |
| 600614 | 6  | 1/4 | 4  | 16 | 6.5 | 47.5 | 7.5 | 13 |  |
| 600818 | 8  | 1/8 | 6  | 13 | 5.5 | 48.5 | 6   | 13 |  |
| 600814 | 8  | 1/4 | 6  | 16 | 6.5 | 51   | 7.5 | 13 |  |
| 600838 | 8  | 3/8 | 6  | 20 | 7.5 | 51.5 | 9   | 13 |  |
| 601014 | 10 | 1/4 | 8  | 16 | 6.5 | 54   | 7.5 | 13 |  |
| 601038 | 10 | 3/8 | 8  | 13 | 7.5 | 57.5 | 9   | 13 |  |



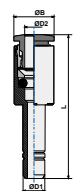
ART. 07 连接杆  
Connector

| CODICE | ØD | ØC | L    |  |
|--------|----|----|------|--|
| 070400 | 4  | 2  | 33.4 |  |
| 070600 | 6  | 4  | 39   |  |
| 070800 | 8  | 6  | 49   |  |
| 071000 | 10 | 8  | 48   |  |



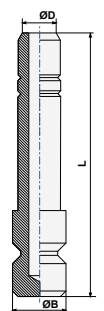
ART. 08 直通变径杆状  
Plug-in reducer

| CODICE | ØD1 | ØD2 | ØB | L    |  |
|--------|-----|-----|----|------|--|
| 080604 | 6   | 4   | 10 | 35   |  |
| 080804 | 8   | 4   | 10 | 34   |  |
| 080806 | 8   | 6   | 12 | 36   |  |
| 081006 | 10  | 6   | 12 | 41   |  |
| 081008 | 10  | 8   | 14 | 42   |  |
| 081208 | 12  | 8   | 14 | 42.5 |  |
| 081210 | 12  | 10  | 17 | 46   |  |



ART. 08/E 直通变径杆状  
Plug-in increaser

| CODICE  | ØD1 | ØD2 | ØB | L    |  |
|---------|-----|-----|----|------|--|
| 08E0406 | 4   | 6   | 11 | 35.5 |  |
| 08E0608 | 6   | 8   | 13 | 39   |  |

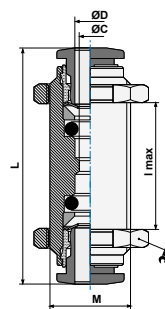


ART. 09 堵头  
Plug

| CODICE | ØD | ØB | L    |  |
|--------|----|----|------|--|
| 090400 | 4  | 5  | 26   |  |
| 090600 | 6  | 7  | 29   |  |
| 090800 | 8  | 9  | 31.5 |  |
| 091000 | 10 | 11 | 35   |  |

ART. 10 穿板直通  
Bulkhead connector

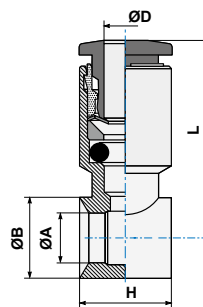
| CODICE | ØD | ØC | M    | l <sub>max</sub> | L    |    |  |
|--------|----|----|------|------------------|------|----|--|
| 100400 | 4  |    | 12x1 | 9.5              | 30.5 | 14 |  |
| 100600 | 6  |    | 14x1 | 7.5              | 31   | 17 |  |
| 100800 | 8  |    | 16x1 | 6.5              | 34.5 | 19 |  |
| 101000 | 10 |    | 20x1 | 11.5             | 41.5 | 24 |  |
| 101200 | 12 |    | 22x1 | 12.5             | 44.5 | 26 |  |
|        |    |    |      |                  |      |    |  |
|        |    |    |      |                  |      |    |  |



ART. 13 套筒接头  
Single banjo body

| CODICE | ØD | G*  | ØA    | ØB | H  | L    |  |
|--------|----|-----|-------|----|----|------|--|
| 1304M5 | 4  | M5  | 5     | 8  | 9  | 19.5 |  |
| 130418 | 4  | 1/8 | 9.9   | 14 | 15 | 21.1 |  |
| 130618 | 6  | 1/8 | 9.9   | 14 | 15 | 24.3 |  |
| 130614 | 6  | 1/4 | 13.3  | 18 | 17 | 25.5 |  |
| 130818 | 8  | 1/8 | 9.9   | 14 | 15 | 24.8 |  |
| 130814 | 8  | 1/4 | 13.3  | 18 | 17 | 26.5 |  |
| 130838 | 8  | 3/8 | 16.75 | 21 | 20 | 28   |  |
| 131014 | 10 | 1/4 | 13.3  | 18 | 17 | 28.4 |  |
| 131038 | 10 | 3/8 | 16.75 | 21 | 20 | 29.9 |  |
| 131214 | 12 | 1/4 | 13.3  | 18 | 17 | 30.9 |  |
| 131238 | 12 | 3/8 | 16.75 | 21 | 20 | 31.4 |  |
| 131212 | 12 | 1/2 | 21    | 26 | 24 | 34.9 |  |
|        |    |     |       |    |    |      |  |
|        |    |     |       |    |    |      |  |

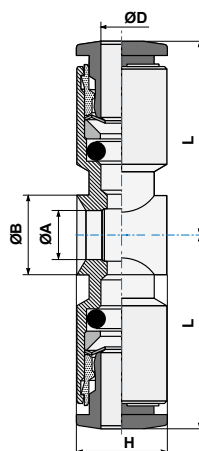
(\*) G = 杆头螺纹  
(\*) G = steam thread

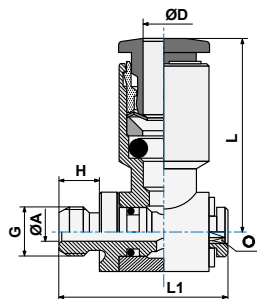


ART. 14 双头套筒接头  
Double banjo body

| CODICE | ØD | G*  | ØA    | ØB | H  | L    |  |  |
|--------|----|-----|-------|----|----|------|--|--|
| 1404M5 | 4  | M5  | 5     | 8  | 9  | 19.5 |  |  |
| 140418 | 4  | 1/8 | 9.9   | 14 | 15 | 21.1 |  |  |
| 140618 | 6  | 1/8 | 9.9   | 14 | 15 | 24.3 |  |  |
| 140614 | 6  | 1/4 | 13.3  | 18 | 17 | 25.5 |  |  |
| 140818 | 8  | 1/8 | 9.9   | 14 | 15 | 24.8 |  |  |
| 140814 | 8  | 1/4 | 13.3  | 18 | 17 | 26.5 |  |  |
| 140838 | 8  | 3/8 | 16.75 | 21 | 20 | 28   |  |  |
| 141014 | 10 | 1/4 | 13.3  | 18 | 17 | 28.4 |  |  |
| 141038 | 10 | 3/8 | 16.75 | 21 | 20 | 29.9 |  |  |
| 141214 | 12 | 1/4 | 13.3  | 18 | 17 | 30.9 |  |  |
| 141238 | 12 | 3/8 | 16.75 | 21 | 20 | 31.4 |  |  |
| 141212 | 12 | 1/2 | 21    | 26 | 24 | 34.9 |  |  |
|        |    |     |       |    |    |      |  |  |
|        |    |     |       |    |    |      |  |  |

(\*) G = 杆头螺纹  
(\*) G = steam thread

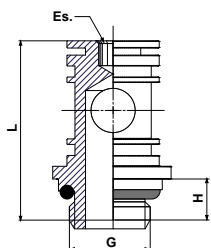




## ART. 15

L型可转接头  
Complete single banjo(rotating under pressure)

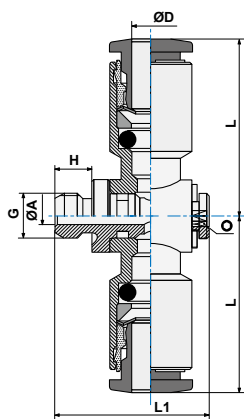
| CODICE | ØD | G   | ØA  | H   | L1   | L    | Ø   |  |
|--------|----|-----|-----|-----|------|------|-----|--|
| 1504M5 | 4  | M5  | 2   | 4   | 16.8 | 19.5 | 2.5 |  |
| 1504M6 | 4  | M6  | 2   | 4   | 17.8 | 19.5 | 2.5 |  |
| 150418 | 4  | 1/8 | 5.5 | 5.5 | 25   | 21.1 | 3   |  |
| 1506M5 | 6  | M5  | 2   | 4   | 16.5 | 22   | 2.5 |  |
| 150618 | 6  | 1/8 | 5.5 | 5.5 | 24.5 | 24.3 | 3   |  |
| 150614 | 6  | 1/4 | 7.8 | 6.5 | 28   | 25.5 | 4   |  |
| 150818 | 8  | 1/8 | 5.5 | 5.5 | 24.5 | 24.8 | 3   |  |
| 150814 | 8  | 1/4 | 7.8 | 6.5 | 28   | 26.5 | 4   |  |
| 150838 | 8  | 3/8 | 10  | 7.5 | 34   | 28   | 5   |  |
| 151014 | 10 | 1/4 | 7.8 | 6.5 | 28   | 28.4 | 4   |  |
| 151038 | 10 | 3/8 | 10  | 7.5 | 34   | 29.9 | 5   |  |
| 151214 | 12 | 1/4 | 7.8 | 6.5 | 28   | 30.9 | 4   |  |
| 151238 | 12 | 3/8 | 10  | 7.5 | 34   | 31.4 | 5   |  |
| 151212 | 12 | 1/2 | 12  | 9   | 40.8 | 34.9 | 8   |  |



## ART. 15A

单位接头杆  
Single stem for swivel banjo

| CODICE | G   | L    | ES. | H   |  |  |
|--------|-----|------|-----|-----|--|--|
| 15AM5  | M5  | 17   | 2.5 | 4   |  |  |
| 15AM6  | M6  | 18   | 2.5 | 5   |  |  |
| 15A18  | 1/8 | 24.5 | 3   | 5.5 |  |  |
| 15A14  | 1/4 | 28   | 4   | 6.5 |  |  |
| 15A38  | 3/8 | 32.5 | 5   | 7.5 |  |  |
| 15A12  | 1/2 | 39   | 8   | 10  |  |  |
|        |     |      |     |     |  |  |
|        |     |      |     |     |  |  |



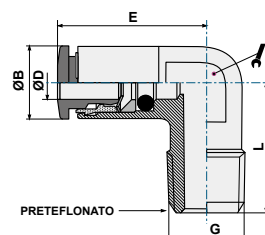
## ART. 16

T型可转接头  
Complete double banjo(rotating under pressure)

| CODICE | ØD | G   | ØA  | H   | L1   | L    | Ø   |  |
|--------|----|-----|-----|-----|------|------|-----|--|
| 1604M5 | 4  | M5  | 2   | 4   | 16.8 | 19.5 | 2.5 |  |
| 160418 | 4  | 1/8 | 5.5 | 5.5 | 24.5 | 21.1 | 3   |  |
| 160618 | 6  | 1/8 | 5.5 | 5.5 | 24.5 | 24.3 | 3   |  |
| 160614 | 6  | 1/4 | 7.8 | 6.5 | 28   | 25.5 | 4   |  |
| 160818 | 8  | 1/8 | 5.5 | 5.5 | 25   | 24.8 | 3   |  |
| 160814 | 8  | 1/4 | 7.8 | 6.5 | 28   | 26.5 | 4   |  |
| 160838 | 8  | 3/8 | 10  | 7.5 | 34   | 28   | 5   |  |
| 161014 | 10 | 1/4 | 7.8 | 6.5 | 28   | 28.4 | 4   |  |
| 161038 | 10 | 3/8 | 10  | 7.5 | 34   | 29.9 | 5   |  |
| 161214 | 12 | 1/4 | 7.8 | 6.5 | 28   | 30.9 | 4   |  |
| 161238 | 12 | 3/8 | 10  | 7.5 | 34   | 31.4 | 5   |  |
| 161212 | 12 | 1/2 | 12  | 9   | 40.8 | 34.9 | 8   |  |

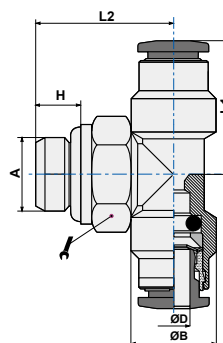
ART. 19 L型外螺纹  
Elbow male adaptor

| CODICE | ØD | G   | ØB | E    | L    |    |  |
|--------|----|-----|----|------|------|----|--|
| 190418 | 4  | 1/8 | 9  | 18.6 | 16.5 | 10 |  |
| 190618 | 6  | 1/8 | 11 | 23.8 | 16.5 | 10 |  |
| 190614 | 6  | 1/4 | 11 | 25.3 | 22.5 | 11 |  |
| 190818 | 8  | 1/8 | 13 | 25.5 | 18.5 | 11 |  |
| 190814 | 8  | 1/4 | 13 | 25.5 | 22   | 11 |  |
| 191014 | 10 | 1/4 | 16 | 28   | 24   | 13 |  |
|        |    |     |    |      |      |    |  |
|        |    |     |    |      |      |    |  |
|        |    |     |    |      |      |    |  |
|        |    |     |    |      |      |    |  |



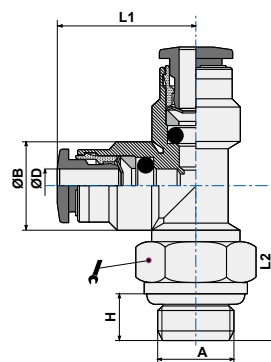
ART. 20 T型中间外螺纹  
Swivel male stud tee parallel

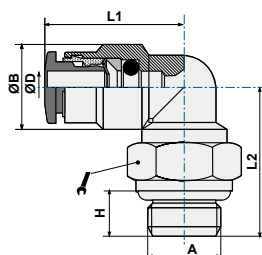
| CODICE | ØD | A   | H   | ØB   | L1   | L2   |    |  |
|--------|----|-----|-----|------|------|------|----|--|
| 2004M5 | 4  | M5  | 4   | 9    | 17.3 | 20   | 8  |  |
| 200418 | 4  | 1/8 | 5.5 | 11.4 | 17.3 | 18.5 | 13 |  |
| 200414 | 4  | 1/4 | 6.5 | 9    | 19.0 | 22.5 | 16 |  |
| 200618 | 6  | 1/8 | 5.5 | 11   | 19.5 | 18.5 | 13 |  |
| 200614 | 6  | 1/4 | 6.5 | 11   | 22.1 | 22.5 | 16 |  |
| 200818 | 8  | 1/8 | 5.5 | 13   | 23.0 | 20.5 | 13 |  |
| 200814 | 8  | 1/4 | 6.5 | 13   | 23.0 | 22.5 | 16 |  |
| 200838 | 8  | 3/8 | 7.5 | 13   | 24.5 | 25.5 | 18 |  |
| 201014 | 10 | 1/4 | 6.5 | 16   | 26.4 | 24.5 | 16 |  |
| 201038 | 10 | 3/8 | 7.5 | 16   | 26.4 | 25.5 | 18 |  |
|        |    |     |     |      |      |      |    |  |
|        |    |     |     |      |      |      |    |  |
|        |    |     |     |      |      |      |    |  |



ART. 21 T型侧边外螺纹  
Swivel male branch tee parallel

| CODICE | ØD | A   | H   | ØB | L1   | L2   |    |  |
|--------|----|-----|-----|----|------|------|----|--|
| 2104M5 | 4  | M5  | 4   | 9  | 17.3 | 20   | 8  |  |
| 210418 | 4  | 1/8 | 5.5 | 9  | 17.3 | 18.5 | 13 |  |
| 210414 | 4  | 1/4 | 6.5 | 9  | 19.0 | 22.5 | 16 |  |
| 210618 | 6  | 1/8 | 5.5 | 11 | 20.6 | 18.5 | 13 |  |
| 210614 | 6  | 1/4 | 6.5 | 11 | 22.1 | 22.5 | 16 |  |
| 210818 | 8  | 1/8 | 5.5 | 13 | 23.0 | 20.5 | 13 |  |
| 210814 | 8  | 1/4 | 6.5 | 13 | 23.0 | 22.5 | 16 |  |
| 210838 | 8  | 3/8 | 7.5 | 13 | 24.5 | 25.5 | 18 |  |
| 211014 | 10 | 1/4 | 6.5 | 16 | 26.4 | 24.5 | 16 |  |
| 211038 | 10 | 3/8 | 7.5 | 16 | 26.4 | 25.5 | 18 |  |
|        |    |     |     |    |      |      |    |  |
|        |    |     |     |    |      |      |    |  |
|        |    |     |     |    |      |      |    |  |



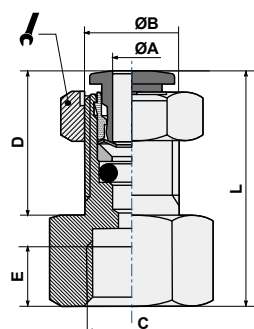


## ART. 22

L型外螺纹(矮)

Swivel elbow male adaptor parallel

| CODICE | ØD | A   | H   | ØB | L1   | L2   |  |  |
|--------|----|-----|-----|----|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 2204M5 | 4  | M5  | 4   | 9  | 17.3 | 20   | 8                                                                                   |                                                                                     |
| 220418 | 4  | 1/8 | 5.5 | 9  | 17.3 | 18.5 | 13                                                                                  |                                                                                     |
| 220414 | 4  | 1/4 | 6.5 | 9  | 19   | 22.5 | 16                                                                                  |                                                                                     |
| 2206M5 | 6  | M5  | 4   | 11 | 20   | 20.6 | 8                                                                                   |                                                                                     |
| 220618 | 6  | 1/8 | 5.5 | 11 | 20.6 | 18.5 | 13                                                                                  |                                                                                     |
| 220614 | 6  | 1/4 | 6.5 | 11 | 22.1 | 22.5 | 16                                                                                  |                                                                                     |
| 220638 | 6  | 3/8 | 7.5 | 11 | 23   | 25.5 | 16                                                                                  |                                                                                     |
| 220612 | 6  | 1/2 | 9   | 11 | 23   | 29   | 17                                                                                  |                                                                                     |
| 220818 | 8  | 1/8 | 5.5 | 13 | 23   | 20.5 | 13                                                                                  |                                                                                     |
| 220814 | 8  | 1/4 | 6.5 | 13 | 23   | 22.5 | 16                                                                                  |                                                                                     |
| 220838 | 8  | 3/8 | 7.5 | 13 | 24.5 | 25.5 | 18                                                                                  |                                                                                     |
| 220812 | 8  | 1/2 | 9   | 13 | 24.5 | 29   | 21                                                                                  |                                                                                     |
| 221018 | 10 | 1/8 | 5.5 | 16 | 26.4 | 22.5 | 16                                                                                  |                                                                                     |
| 221014 | 10 | 1/4 | 6.5 | 16 | 26.4 | 24.5 | 16                                                                                  |                                                                                     |
| 221038 | 10 | 3/8 | 7.5 | 16 | 26.4 | 25.5 | 18                                                                                  |                                                                                     |
| 221012 | 10 | 1/2 | 9   | 17 | 27.9 | 29   | 21                                                                                  |                                                                                     |
| 221214 | 12 | 1/4 | 6.5 | 19 | 28.9 | 24.5 | 16                                                                                  |                                                                                     |
| 221238 | 12 | 3/8 | 7.5 | 19 | 28.9 | 24.5 | 18                                                                                  |                                                                                     |
| 221212 | 12 | 1/2 | 9   | 19 | 28.9 | 31   | 21                                                                                  |                                                                                     |
|        |    |     |     |    |      |      |                                                                                     |                                                                                     |
|        |    |     |     |    |      |      |                                                                                     |                                                                                     |



## ART. 25

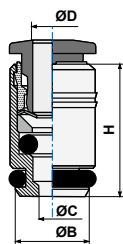
穿板内螺纹

Female bulkhead

| CODICE | ØA | C   | ØB    | D | E   | L    |  |  |
|--------|----|-----|-------|---|-----|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 250418 | 4  | 1/8 | M12x1 |   | 8.5 | 24   | 14                                                                                    |                                                                                       |
| 250414 | 4  | 1/4 | M12x1 |   | 11  | 26.5 | 17                                                                                    |                                                                                       |
| 250618 | 6  | 1/8 | M14x1 |   | 8.5 | 24.8 | 17                                                                                    |                                                                                       |
| 250614 | 6  | 1/4 | M14x1 |   | 11  | 29.5 | 17                                                                                    |                                                                                       |
| 250638 | 6  | 3/8 | M14x1 |   | 12  | 30.5 | 21                                                                                    |                                                                                       |
| 250612 | 6  | 1/2 | M14x1 |   | 14  | 33   | 24                                                                                    |                                                                                       |
| 250818 | 8  | 1/8 | M16x1 |   | 8.5 | 26.5 | 19                                                                                    |                                                                                       |
| 250814 | 8  | 1/4 | M16x1 |   | 11  | 32   | 19                                                                                    |                                                                                       |
| 250838 | 8  | 3/8 | M16x1 |   | 12  | 34.3 | 21                                                                                    |                                                                                       |
| 250812 | 8  | 1/2 | M16x1 |   | 14  | 36.5 | 24                                                                                    |                                                                                       |
| 251018 | 10 | 1/8 | M20x1 |   | 8.5 | 30   | 24                                                                                    |                                                                                       |
| 251014 | 10 | 1/4 | M20x1 |   | 11  | 32.5 | 24                                                                                    |                                                                                       |
| 251038 | 10 | 3/8 | M20x1 |   | 12  | 34   | 24                                                                                    |                                                                                       |
| 251012 | 10 | 1/2 | M20x1 |   | 14  | 38   | 24                                                                                    |                                                                                       |
| 251218 | 12 | 1/8 | M22x1 |   | 8.5 | 31.5 | 24                                                                                    |                                                                                       |
| 251214 | 12 | 1/4 | M22x1 |   | 11  | 34   | 24                                                                                    |                                                                                       |
| 251238 | 12 | 3/8 | M22x1 |   | 12  | 35   | 24                                                                                    |                                                                                       |
| 251212 | 12 | 1/2 | M22x1 |   | 14  | 37   | 24                                                                                    |                                                                                       |
|        |    |     |       |   |     |      |                                                                                       |                                                                                       |
|        |    |     |       |   |     |      |                                                                                       |                                                                                       |

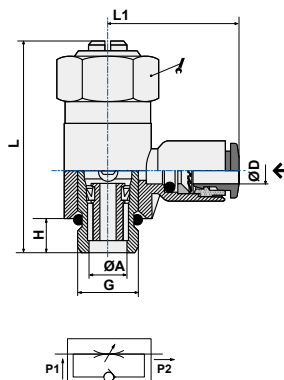
ART. 27 内套筒  
Cartridge

| CODICE | ØD | ØC  | ØB  | H  |  |
|--------|----|-----|-----|----|--|
| 270400 | 4  | 2.9 | 7.8 | 14 |  |
| 270600 | 6  | 4.5 | 10  | 16 |  |
| 270800 | 8  | 6.5 | 12  | 17 |  |



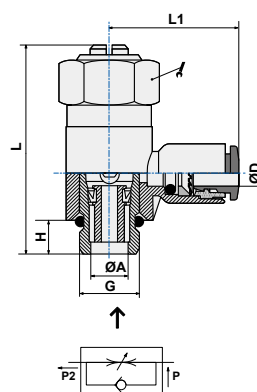
ART. 28 进气节流阀  
Unidirectional flow regulator for valve

| CODICE | ØD | G   | ØA  | H   | L1   | L    |    |  |
|--------|----|-----|-----|-----|------|------|----|--|
| 2804M5 | 4  | M5  | 1.9 | 4   | 19.5 | 21.5 | 10 |  |
| 280418 | 4  | 1/8 | 5.5 | 5.5 | 21.1 | 34   | 14 |  |
| 280618 | 6  | 1/8 | 5.5 | 5.5 | 24.3 | 34   | 14 |  |
| 280614 | 6  | 1/4 | 6   | 6.5 | 25.5 | 42   | 17 |  |
| 280818 | 8  | 1/8 | 5.5 | 5.5 | 24.8 | 34   | 14 |  |
| 280814 | 8  | 1/4 | 6   | 6.5 | 26.5 | 42   | 17 |  |
| 280838 | 8  | 3/8 | 8   | 7.5 | 28   | 52   | 20 |  |
| 281014 | 10 | 1/4 | 6   | 6.5 | 28.4 | 42   | 17 |  |
| 281038 | 10 | 3/8 | 8   | 7.5 | 29.9 | 52   | 20 |  |
| 281238 | 12 | 3/8 | 8   | 7.5 | 31.4 | 52   | 20 |  |



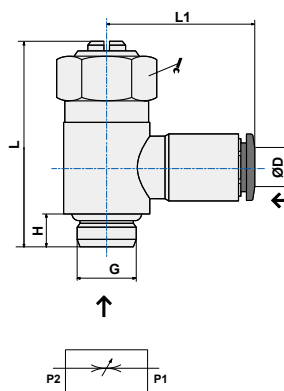
ART. 29 排气节流阀  
Unidirectional flow regulator for cylinder

| CODICE | ØD | G   | ØA  | H   | L1   | L    |    |  |
|--------|----|-----|-----|-----|------|------|----|--|
| 2904M5 | 4  | M5  | 1.9 | 4   | 19.5 | 21.5 | 10 |  |
| 290418 | 4  | 1/8 | 5   | 5.5 | 21.1 | 34   | 14 |  |
| 2906M5 | 6  | M5  | 1.9 | 4   | 22.5 | 21.5 | 10 |  |
| 290618 | 6  | 1/8 | 5   | 5.5 | 24.3 | 34   | 14 |  |
| 290614 | 6  | 1/4 | 6   | 6.5 | 25.5 | 42   | 17 |  |
| 290818 | 8  | 1/8 | 5   | 5.5 | 24.8 | 34   | 14 |  |
| 290814 | 8  | 1/4 | 6   | 6.5 | 26.5 | 42   | 17 |  |
| 290838 | 8  | 3/8 | 6.5 | 7.5 | 28   | 52   | 20 |  |
| 291014 | 10 | 1/4 | 6   | 6.5 | 28.4 | 42   | 17 |  |
| 291038 | 10 | 3/8 | 6.5 | 7.5 | 29.9 | 52   | 20 |  |
| 291238 | 12 | 3/8 | 6.5 | 7.5 | 31.4 | 52   | 20 |  |
| 291212 | 12 | 1/2 | 10  | 9   | 34.9 | 61   | 26 |  |

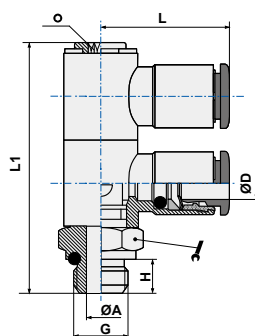


ART. 30 双向节流阀  
Bidirectional flow regulator

| CODICE  | ØD | G   | H   | L1   | L  |    |  |
|---------|----|-----|-----|------|----|----|--|
| 300418  | 4  | 1/8 | 5.5 | 21.1 | 34 | 14 |  |
| 300618  | 6  | 1/8 | 5.5 | 24.3 | 34 | 14 |  |
| 300614  | 6  | 1/4 | 6.5 | 25.5 | 42 | 17 |  |
| 300818  | 8  | 1/8 | 5.5 | 24.8 | 34 | 14 |  |
| 300814  | 8  | 1/4 | 6.5 | 26.5 | 42 | 17 |  |
| 300838  | 8  | 3/8 | 7.5 | 28   | 52 | 20 |  |
| 301014  | 10 | 1/4 | 6.5 | 28.4 | 42 | 17 |  |
| 301038  | 10 | 3/8 | 7.5 | 29.9 | 52 | 20 |  |
| 301238  | 12 | 3/8 | 7.5 | 31.4 | 52 | 20 |  |
| *301212 | 12 | 1/2 | 9   | 34.9 | 61 | 26 |  |

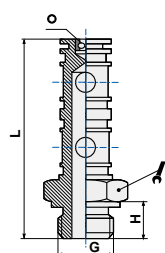


\* 含塑料垫片  
\* with plastic washer



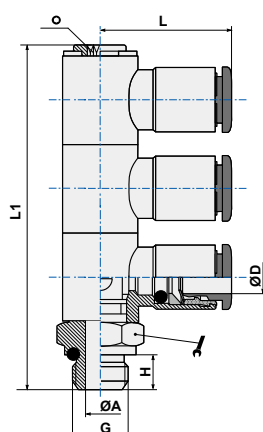
ART. 33 两路输出可转  
Swivel double banjo stem

| CODICE | ØD | G   | ØA  | H   | L1   | L    | 🔧  | ⊙ | 📦 |
|--------|----|-----|-----|-----|------|------|----|---|---|
| 330418 | 4  | 1/8 | 5.5 | 5.5 | 43.8 | 21.1 | 14 | 3 |   |
| 330618 | 6  | 1/8 | 5.5 | 5.5 | 43.8 | 24.3 | 14 | 3 |   |
| 330818 | 8  | 1/8 | 5.5 | 5.5 | 43.8 | 24.8 | 14 | 3 |   |
| 330614 | 6  | 1/4 | 7.8 | 7.5 | 51.5 | 25.5 | 18 | 4 |   |
| 330814 | 8  | 1/4 | 7.8 | 7.5 | 51.5 | 26.5 | 18 | 4 |   |
| 331014 | 10 | 1/4 | 7.8 | 7.5 | 51.5 | 28.4 | 18 | 4 |   |



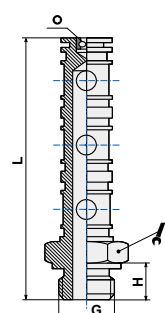
ART. 33A 双位接头杆  
Double stem for swivel banjo

| CODICE | G   | H   | L    | 🔧  | ⊙ | 📦 |
|--------|-----|-----|------|----|---|---|
| 33A18  | 1/8 | 5.5 | 43.3 | 14 | 3 |   |
| 33A14  | 1/4 | 6.5 | 50   | 18 | 4 |   |



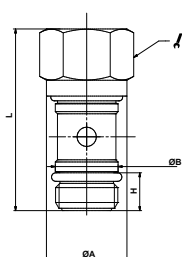
ART. 34 三路输出可转  
Swivel triple banjo stem

| CODICE | ØD | G   | ØA  | H   | L1   | L    | 🔧  | ⊙ | 📦 |
|--------|----|-----|-----|-----|------|------|----|---|---|
| 340418 | 4  | 1/8 | 5.5 | 5.5 | 58.4 | 21.1 | 14 | 3 |   |
| 340618 | 6  | 1/8 | 5.5 | 5.5 | 58.4 | 24.3 | 14 | 3 |   |
| 340818 | 8  | 1/8 | 5.5 | 5.5 | 58.4 | 24.8 | 14 | 3 |   |
| 340614 | 6  | 1/4 | 7.8 | 7.5 | 67   | 25.5 | 18 | 4 |   |
| 340814 | 8  | 1/4 | 7.8 | 7.5 | 67   | 26.5 | 18 | 4 |   |
| 341014 | 10 | 1/4 | 7.8 | 7.5 | 67   | 51.5 | 18 | 4 |   |



ART. 34A 三位接头杆  
Triple stem for swivel banjo

| CODICE | G   | H   | L    | 🔧  | ⊙ | 📦 |
|--------|-----|-----|------|----|---|---|
| 34A18  | 1/8 | 5.5 | 58.4 | 14 | 3 |   |
| 34A14  | 1/4 | 6.5 | 67.1 | 18 | 4 |   |



ART. 28/29/30A 节流阀杆  
Positioned flow regulator stem

| CODICE      | L    | ØB   | H | G   | ØA   | 🔧  | 📦 |
|-------------|------|------|---|-----|------|----|---|
| 28/29/30AM5 | 24.0 | 6    | 4 | M5  | 5    | 8  |   |
| 28/29/30A18 | 31.5 | 9.8  | 7 | 1/8 | 13.5 | 14 |   |
| 28/29/30A14 | 38.0 | 13   | 8 | 1/4 | 17   | 17 |   |
| 28/29/30A38 | 46.5 | 16.5 | 9 | 3/8 | 21   | 21 |   |