

# 快插式管接头/ONE TOUCH TUBE FITTINGS

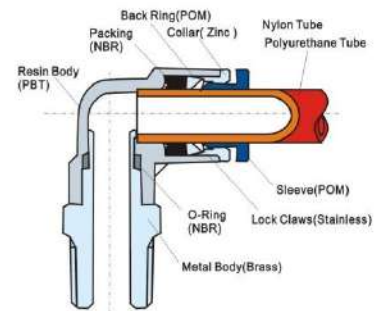
## 应用 Applications

- 快插式气管的连接用于导通压缩空气。
- 视用户环境而定，具有多种用途。
- One touch type pipe connection tool for air pressure piping.
- Various uses depending on the user's environment.

## 特点 Features

- 只需一次动作便可轻松连接或分离气管。
- PC型号的外部（孔内）为六角形，可提高有限空间内的气管敷设效率。
- PL和PT型号的主体内有可旋转结构，可提高气管敷设效率。
- 螺纹截面有O形环或特氟纶涂层。
- One action inserts the tube to release and connect easily.
- The PC type has interior and exterior hexagonal shapes for efficient piping in limited spaces.
- The main body of the PL and PT types is a rotating structure for efficient piping.
- The screw section has O-ring, or Teflon coated.

## 结构图 Structural Diagram



## 使用范围 Specifications

- 流体类型：空气（不能是其他气体或液体）
- 工作压力：0-150PSI/0-9.9kgf/cm<sup>2</sup> (0-990kPa)
- 负压：-29.5in Hg/-750mmHg(-750 Torr)
- 工作温度：32-140° F/0-60°C
- 使用气管：聚氨酯和尼龙气管
- Fluid Type: Air (No other types of gases or liquids)
- Working Pressure Range: 0-150PSI / 0-9.9kgf/cm<sup>2</sup>(0-990KPa)
- Negative Pressure: -29.5 in Hg / -750mm Hg(10 Torr)
- Working Temperature: 32-140°F / 0-60°C
- Recommended tube material: Nylon Or Polyurethane

## 产品编码系统 Product Code System

### METRIC-BSPT(R)

**PC 06 - 01 - N**

OneTouch Fitting	Tube Dia		Thread Size		Plating	Sleeve Color
	CODE	SIZE	CODE	SIZE	Nickel	
	04	∅4	M5	M5X0.8	Blue	
	06	∅6	M6	M6X1.0		
	08	∅8	M12	M12X1.5		
	10	∅10	M14	M14X1.5		
	12	∅12	M16	M16X1.5		
	14	∅14	M22	M22X1.5		
	16	∅16				
R(PT) THREAD		CODE		SIZE		
	01		R1/8			
	02		R1/4			
	03		R3/8			
	04		R1/2			

### METRIC-BSPP(G)

**PC 06 - G01**

OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	CODE	SIZE	Blue
	04	∅4	G01	G1/8	
	06	∅6	G02	G1/4	
	08	∅8	G03	G3/8	
	10	∅10	G04	G1/2	
	12	∅12			
	14	∅14			
	16	∅16			

### INCH-NPT

**PC - 1/4 - N01**

OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	CODE	SIZE	Black
	5/32	∅5/32	U	10-32UNF	
	3/16	∅3/16			
	1/4	∅1/4	NPT THREAD		
	5/16	∅5/16	CODE	SIZE	
	3/8	∅3/8	N1	NPT1/8	
	1/2	∅1/2	N2	NPT1/4	
			N3	NPT3/8	
			N4	NPT1/2	

## 快插式管接头/ONE TOUCH TUBE FITTINGS

### 应用示例 Applied example

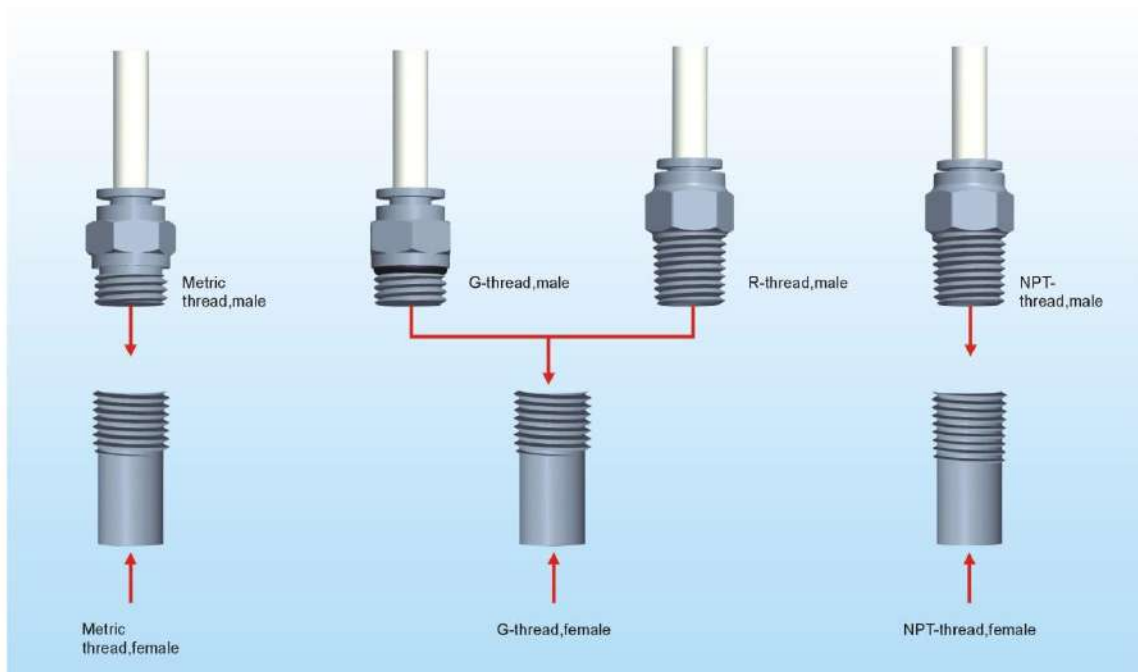
- 外六角形和内孔六角形可用扳手和六角扳手进行装配（螺纹连接）。
- PL和PT型号的主体是可旋转的，因此可根据气管位置来改变方向。
- 卸管环是环状的，因此设备安装不受限制。
- The interior and exterior hexagonal part can be assembled using a spanner and hexagonal wrench in screw joining.
- The injection body of the PL and PT models rotates to allow direction changes according to piping direction .
- The sleeve is circular so that it is free of equipment setting.

### ⚠ 注意 CAUTION

- 使用前，请务必参阅安全注意事项、警告显示分类以及管接头产品一般预防措施。
- 按照正确的连接扭矩装配管接头。
- 正确的扭矩使用工具旋转2-3圈。压力过大可能会损坏螺纹。
- 将毫管插入管接头时，以正确的角度剪切气管，然后将气管插入端部，并轻轻拉动气管，确保气管不会松脱。
- 避免软管处于拉紧状态，同时要避免插入接头连接处的软管过分弯曲。
- Be sure to refer to the Safety Caution, Classification of Warning Indications and Common Precaution of Fitting Products before use.
- Assemble the fitting according to the proper connection torque value.
- Proper torque refers to connection by hand and 2~3 rotations using a tool. Excessive pressure may damage the screw.
- To insert the tube into the fitting, cut the tube at a right angle, insert it fully to the end, and pull the tube gently to make sure it isn't released.
- Avoid piping under tension, and also avoid high curvature piping at the tube insertion section of the fitting.

### ⚠ 警告 WARNING

- 务必防止因扭转、牵拉和弯曲管接头产品导致压力升高。这可能会导致产品损坏或漏气。
- 当所用流体是承压时，请不要使用不符合所有规范要求的产品。否则可能会导致管接头损坏、气管分离和压缩空气泄漏。
- Be sure to prevent pressure buildup due to twisting, pulling, and bending of the fitting product. This may cause product damage or air leakage.
- When the applied fluid is water, do not use the product if it does not meet all specifications. Fitting damage, tube release, and compressed air leakage may occur.



## 快插式管接头/ONE TOUCH TUBE FITTINGS

### MALE STRAIGHT

PC



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PC04-M5	PC08-04	PC1/8-U10	PC1/4-N03
PC04-M6	PC10-01	PC1/8-N01	PC5/16-N01
PC04-01	PC10-02	PC1/8-N02	PC5/16-N02
PC04-02	PC10-03	PC5/32-U10	PC5/16-N03
PC04-03	PC10-04	PC5/32-N01	PC3/8-N01
PC06-M5	PC12-01	PC5/32-N02	PC3/8-N02
PC06-M6	PC12-02	PC3/16-U10	PC3/8-N03
PC06-01	PC12-03	PC3/16-N01	PC3/8-N04
PC06-02	PC12-04	PC3/16-N02	PC1/2-N02
PC06-03	PC14-03	PC3/16-N03	PC1/2-N03
PC08-01	PC14-04	PC1/4-U10	PC1/2-N04
PC08-02	PC16-03	PC1/4-N01	
PC08-03	PC16-04	PC1/4-N02	

### ROUND MALE STRAIGHT

POC



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
POC04-M5	POC08-04	POC1/8-U10	POC1/4-N03
POC04-M6	POC10-01	POC1/8-N01	POC5/16-N01
POC04-01	POC10-02	POC1/8-N02	POC5/16-N02
POC04-02	POC10-03	POC5/32-U10	POC5/16-N03
POC04-03	POC10-04	POC5/32-N01	POC3/8-N01
POC06-M5	POC12-01	POC5/32-N02	POC3/8-N02
POC06-M6	POC12-02	POC3/16-U10	POC3/8-N03
POC06-01	POC12-03	POC3/16-N01	POC3/8-N04
POC06-02	POC12-04	POC3/16-N02	POC1/2-N02
POC06-03	POC14-03	POC3/16-N03	POC1/2-N03
POC08-01	POC14-04	POC1/4-U10	POC1/2-N04
POC08-02	POC16-03	POC1/4-N01	
POC08-03	POC16-04	POC1/4-N02	

### MALE ELBOW

PL



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PL04-M5	PL08-04	PL1/8-U10	PL1/4-N03
PL04-M6	PL10-01	PL1/8-N01	PL5/16-N01
PL04-01	PL10-02	PL1/8-N02	PL5/16-N02
PL04-02	PL10-03	PL5/32-U10	PL5/16-N03
PL04-03	PL10-04	PL5/32-N01	PL3/8-N01
PL06-M5	PL12-01	PL5/32-N02	PL3/8-N02
PL06-M6	PL12-02	PL3/16-U10	PL3/8-N03
PL06-01	PL12-03	PL3/16-N01	PL3/8-N04
PL06-02	PL12-04	PL3/16-N02	PL1/2-N02
PL06-03	PL14-03	PL3/16-N03	PL1/2-N03
PL08-01	PL14-04	PL1/4-U10	PL1/2-N04
PL08-02	PL16-03	PL1/4-N01	
PL08-03	PL16-04	PL1/4-N02	

### MALE ELBOW

PLB



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLB04-M5	PLB08-04	PLB1/8-U10	PLB1/4-N03
PLB04-M6	PLB10-01	PLB1/8-N01	PLB5/16-N01
PLB04-01	PLB10-02	PLB1/8-N02	PLB5/16-N02
PLB04-02	PLB10-03	PLB5/32-U10	PLB5/16-N03
PLB04-03	PLB10-04	PLB5/32-N01	PLB3/8-N01
PLB06-M5	PLB12-01	PLB5/32-N02	PLB3/8-N02
PLB06-M6	PLB12-02	PLB3/16-U10	PLB3/8-N03
PLB06-01	PLB12-03	PLB3/16-N01	PLB3/8-N04
PLB06-02	PLB12-04	PLB3/16-N02	PLB1/2-N02
PLB06-03		PLB3/16-N03	PLB1/2-N03
PLB08-01		PLB1/4-U10	PLB1/2-N04
PLB08-02		PLB1/4-N01	
PLB08-03		PLB1/4-N02	

### MALE 45° ELBOW

PLH



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLH04-M5	PLH08-04	PLH1/8-U10	PLH3/8-N01
PLH04-M6	PLH10-01	PLH1/8-N01	PLH3/8-N02
PLH04-01	PLH10-02	PLH1/8-N02	PLH3/8-N03
PLH04-02	PLH10-03	PLH5/32-U10	PLH3/8-N04
PLH04-03	PLH10-04	PLH5/32-N01	PLH1/2-N02
PLH06-M5	PLH12-01	PLH5/32-N02	PLH1/2-N03
PLH06-M6	PLH12-02	PLH1/4-U10	PLH1/2-N04
PLH06-01	PLH12-03	PLH1/4-N01	
PLH06-02	PLH12-04	PLH1/4-N02	
PLH06-03		PLH1/4-N03	
PLH08-01		PLH5/16-N01	
PLH08-02		PLH5/16-N02	
PLH08-03		PLH5/16-N03	

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### EXTENDED MALE ELBOW

PLL



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLL04-M5	PLL08-04	PLL1/8-U10	PLL1/4-N03
PLL04-M6	PLL10-01	PLL1/8-N01	PLL5/16-N01
PLL04-01	PLL10-02	PLL1/8-N02	PLL5/16-N02
PLL04-02	PLL10-03	PLL5/32-U10	PLL5/16-N03
PLL04-03	PLL10-04	PLL5/32-N01	PLL3/8-N01
PLL06-M5	PLL12-01	PLL5/32-N02	PLL3/8-N02
PLL06-M6	PLL12-02	PLL3/16-U10	PLL3/8-N03
PLL06-01	PLL12-03	PLL3/16-N01	PLL3/8-N04
PLL06-02	PLL12-04	PLL3/16-N02	PLL1/2-N02
PLL06-03	PLL14-03	PLL3/16-N03	PLL1/2-N03
PLL08-01	PLL14-04	PLL1/4-U10	PLL1/2-N04
PLL08-02	PLL16-03	PLL1/4-N01	
PLL08-03	PLL16-04	PLL1/4-N02	

### MALE BRANCH TEE

PT



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PT04-M5	PT08-04	PT1/8-U10	PT1/4-N03
PT04-M6	PT10-01	PT1/8-N01	PT5/16-N01
PT04-01	PT10-02	PT1/8-N02	PT5/16-N02
PT04-02	PT10-03	PT5/32-U10	PT5/16-N03
PT04-03	PT10-04	PT5/32-N01	PT3/8-N01
PT06-M5	PT12-01	PT5/32-N02	PT3/8-N02
PT06-M6	PT12-02	PT3/16-U10	PT3/8-N03
PT06-01	PT12-03	PT3/16-N01	PT3/8-N04
PT06-02	PT12-04	PT3/16-N02	PT1/2-N02
PT06-03	PT14-03	PT3/16-N03	PT1/2-N03
PT08-01	PT14-04	PT1/4-U10	PT1/2-N04
PT08-02	PT16-03	PT1/4-N01	
PT08-03	PT16-04	PT1/4-N02	

### MALE RUN TEE

PST



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PST04-M5	PST08-04	PST1/8-U10	PST1/4-N03
PST04-M6	PST10-01	PST1/8-N01	PST5/16-N01
PST04-01	PST10-02	PST1/8-N02	PST5/16-N02
PST04-02	PST10-03	PST5/32-U10	PST5/16-N03
PST04-03	PST10-04	PST5/32-N01	PST3/8-N01
PST06-M5	PST12-01	PST5/32-N02	PST3/8-N02
PST06-M6	PST12-02	PST3/16-U10	PST3/8-N03
PST06-01	PST12-03	PST3/16-N01	PST3/8-N04
PST06-02	PST12-04	PST3/16-N02	PST1/2-N02
PST06-03	PST14-03	PST3/16-N03	PST1/2-N03
PST08-01	PST14-04	PST1/4-U10	PST1/2-N04
PST08-02	PST16-03	PST1/4-N01	
PST08-03	PST16-04	PST1/4-N02	

### MALE Y

PWT



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PWT04-M5	PWT08-04	PWT1/8-U10	PWT1/4-N03
PWT04-M6	PWT10-01	PWT1/8-N01	PWT5/16-N01
PWT04-01	PWT10-02	PWT1/8-N02	PWT5/16-N02
PWT04-02	PWT10-03	PWT5/32-U10	PWT5/16-N03
PWT04-03	PWT10-04	PWT5/32-N01	PWT3/8-N01
PWT06-M5	PWT12-01	PWT5/32-N02	PWT3/8-N02
PWT06-M6	PWT12-02	PWT3/16-U10	PWT3/8-N03
PWT06-01	PWT12-03	PWT3/16-N01	PWT3/8-N04
PWT06-02	PWT12-04	PWT3/16-N02	PWT1/2-N02
PWT06-03	PWT14-03	PWT3/16-N03	PWT1/2-N03
PWT08-01	PWT14-04	PWT1/4-U10	PWT1/2-N04
PWT08-02	PWT16-03	PWT1/4-N01	
PWT08-03	PWT16-04	PWT1/4-N02	

### MALE BANJO

PH



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PH04-M5	PH08-04	PH1/8-U10	PH1/4-N03
PH04-M6	PH10-01	PH1/8-N01	PH5/16-N01
PH04-01	PH10-02	PH1/8-N02	PH5/16-N02
PH04-02	PH10-03	PH5/32-U10	PH5/16-N03
PH04-03	PH10-04	PH5/32-N01	PH3/8-N01
PH06-M5	PH12-01	PH5/32-N02	PH3/8-N02
PH06-M6	PH12-02	PH3/16-U10	PH3/8-N03
PH06-01	PH12-03	PH3/16-N01	PH3/8-N04
PH06-02	PH12-04	PH3/16-N02	PH1/2-N02
PH06-03	PH14-03	PH3/16-N03	PH1/2-N03
PH08-01	PH14-04	PH1/4-U10	PH1/2-N04
PH08-02	PH16-03	PH1/4-N01	
PH08-03	PH16-04	PH1/4-N02	

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Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PHF04-01	PHF10-04	PHF 1/8-N01	PHF5/16-N04
PHF04-02	PHF12-01	PHF 1/8-N02	PHF3/8-N01
PHF04-03	PHF12-02	PHF5/32-N01	PHF3/8-N02
PHF06-01	PHF12-03	PHF5/32-N02	PHF3/8-N03
PHF06-02	PHF12-04	PHF3/16-N01	PHF3/8-N04
PHF06-03	PHF14-03	PHF3/16-N02	PHF1/2-N02
PHF08-01	PHF14-04	PHF3/16-N03	PHF1/2-N03
PHF08-02	PHF16-03	PHF1/4-N01	PHF1/2-N04
PHF08-03	PHF16-04	PHF1/4-N02	
PHF08-04		PHF1/4-N03	
PHF10-01		PHF5/16-N01	
PHF10-02		PHF5/16-N02	
PHF10-03		PHF5/16-N03	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PH(D2)04-01	PH(D2)10-04	PH(D2)1/8-N01	PH(D2)5/16-N04
PH(D2)04-02	PH(D2)12-01	PH(D2)1/8-N02	PH(D2)3/8-N01
PH(D2)04-03	PH(D2)12-02	PH(D2)5/32-N01	PH(D2)3/8-N02
PH(D2)06-01	PH(D2)12-03	PH(D2)5/32-N02	PH(D2)3/8-N03
PH(D2)06-02	PH(D2)12-04	PH(D2)3/16-N01	PH(D2)3/8-N04
PH(D2)06-03	PH(D2)14-03	PH(D2)3/16-N02	PH(D2)1/2-N02
PH(D2)08-01	PH(D2)14-04	PH(D2)3/16-N03	PH(D2)1/2-N03
PH(D2)08-02	PH(D2)16-03	PH(D2)1/4-N01	PH(D2)1/2-N04
PH(D2)08-03	PH(D2)16-04	PH(D2)1/4-N02	
PH(D2)08-04		PH(D2)1/4-N03	
PH(D2)10-01		PH(D2)5/16-N01	
PH(D2)10-02		PH(D2)5/16-N02	
PH(D2)10-03		PH(D2)5/16-N03	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PH(D3)04-01	PH(D3)10-04	PH(D3)1/8-N01	PH(D3)5/16-N04
PH(D3)04-02	PH(D3)12-01	PH(D3)1/8-N02	PH(D3)3/8-N01
PH(D3)04-03	PH(D3)12-02	PH(D3)5/32-N01	PH(D3)3/8-N02
PH(D3)06-01	PH(D3)12-03	PH(D3)5/32-N02	PH(D3)3/8-N03
PH(D3)06-02	PH(D3)12-04	PH(D3)3/16-N01	PH(D3)3/8-N04
PH(D3)06-03	PH(D3)14-03	PH(D3)3/16-N02	PH(D3)1/2-N02
PH(D3)08-01	PH(D3)14-04	PH(D3)3/16-N03	PH(D3)1/2-N03
PH(D3)08-02	PH(D3)16-03	PH(D3)1/4-N01	PH(D3)1/2-N04
PH(D3)08-03	PH(D3)16-04	PH(D3)1/4-N02	
PH(D3)08-04		PH(D3)1/4-N03	
PH(D3)10-01		PH(D3)5/16-N01	
PH(D3)10-02		PH(D3)5/16-N02	
PH(D3)10-03		PH(D3)5/16-N03	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PKB04-M5	PKB06-03	PKB5/8-U10	PKB1/4-N02
PKB04-01	PKB08-01	PKB5/32-N01	PKB1/4-N03
PKB04-02	PKB08-02	PKB5/32-N02	PKB5/16-N01
PKB04-03	PKB08-03	PKB1/4-U10	PKB5/16-N02
PKB06-M5	PKB08-04	PKB1/4-N01	PKB5/16-N03
PKB06-01	PKB10-03		PKB3/8-N04
PKB06-02	PKB12-04		



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PKD 06-04-01		PKD1/4-5/32-N01	
PKD 08-04-02		PKD5/16-5/32-N02	
PKD 08-06-02		PKD5/16-1/4-N02	
PKD 10-08-03		PKD3/8-5/16-N03	
PKD 12-10-04			



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
PXT04-M5		PXT1/8-U10	
PXT04-01		PXT1/8-N01	
PXT04-02		PXT1/8-N02	
PXT10-02		PXT5/32-U10	
PXT10-03		PXT5/32-N01	
PXT10-04		PXT5/32-N02	
		PXT3/8-N02	
		PXT3/8-N03	
		PXT3/8-N04	

# 快插式管接头/ ONE TOUCH TUBE FITTINGS

## FEMALE STRAIGHT

**PCF**



### Tube(Inch) - Thread(NPT)

PCF1/8-N01	PCF5/16-N04
PCF1/8-N02	PCF3/8-N01
PCF5/32-N01	PCF3/8-N02
PCF5/32-N02	PCF3/8-N03
PCF3/16-N01	PCF3/8-N04
PCF3/16-N02	PCF1/2-N02
PCF3/16-N03	PCF1/2-N03
PCF1/4-N01	PCF1/2-N04
PCF1/4-N02	
PCF1/4-N03	
PCF5/16-N01	
PCF5/16-N02	
PCF5/16-N03	

## BULKHEAD FEMALE STRAIGHT

**PMF**



### Tube(Inch) - Thread(NPT)

PMF1/8-N01	PMF5/16-N04
PMF1/8-N02	PMF3/8-N01
PMF5/32-N01	PMF3/8-N02
PMF5/32-N02	PMF3/8-N03
PMF3/16-N01	PMF3/8-N04
PMF3/16-N02	PMF1/2-N02
PMF3/16-N03	PMF1/2-N03
PMF1/4-N01	PMF1/2-N04
PMF1/4-N02	
PMF1/4-N03	
PMF5/16-N01	
PMF5/16-N02	
PMF5/16-N03	

## FEMALE ELBOW

**PLF**



### Tube(Inch) - Thread(NPT)

PLF1/8-N01	PLF5/16-N04
PLF1/8-N02	PLF3/8-N01
PLF5/32-N01	PLF3/8-N02
PLF5/32-N02	PLF3/8-N03
PLF3/16-N01	PLF3/8-N04
PLF3/16-N02	PLF1/2-N02
PLF3/16-N03	PLF1/2-N03
PLF1/4-N01	PLF1/2-N04
PLF1/4-N02	
PLF1/4-N03	
PLF5/16-N01	
PLF5/16-N02	
PLF5/16-N03	

## FEMALE BRANCH TEE

**PTF**



### Tube(Inch) - Thread(NPT)

PTF1/8-N01	PTF5/16-N04
PTF1/8-N02	PTF3/8-N01
PTF5/32-N01	PTF3/8-N02
PTF5/32-N02	PTF3/8-N03
PTF3/16-N01	PTF3/8-N04
PTF3/16-N02	PTF1/2-N02
PTF3/16-N03	PTF1/2-N03
PTF1/4-N01	PTF1/2-N04
PTF1/4-N02	
PTF1/4-N03	
PTF5/16-N01	
PTF5/16-N02	
PTF5/16-N03	

## UNION STRAIGHT

**PUC**



### Tube(Metric) Tube(Inch)

PUC 04	PUC 1/8
PUC 05	PUC 5/32
PUC 06	PUC 3/16
PUC 08	PUC 1/4
PUC 10	PUC 5/16
PUC 12	PUC 3/8
PUC 14	PUC 1/2
PUC 16	

## UNION ELBOW

**PUL**



### Tube(Metric) Tube(Inch)

PUL 04	PUL 1/8
PUL 05	PUL 5/32
PUL 06	PUL 3/16
PUL 08	PUL 1/4
PUL 10	PUL 5/16
PUL 12	PUL 3/8
PUL 14	PUL 1/2
PUL 16	

## UNION REDUCER

**PG**



### Tube(Metric) Tube(Inch)

PG08-04	PG1/4-5/32
PG08-04	PG3/16-5/32
PG08-06	PG5/16-1/4
PG10-06	PG3/8-1/4
PG10-08	PG3/8-5/16
PG12-08	PG1/2-3/8
PG12-10	
PG16-12	

## UNION Y

**PY**



### Tube(Metric) Tube(Inch)

PY 04	PY 1/8
PY 05	PY 5/32
PY 06	PY 3/16
PY 08	PY 1/4
PY 10	PY 5/16
PY 12	PY 3/8
PY 14	PY 1/2
PY 16	

## CUP

**PPF**



### Tube(Metric) Tube(Inch)

PPF 04	PPF 1/8
PPF 05	PPF 5/32
PPF 06	PPF 3/16
PPF 08	PPF 1/4
PPF 10	PPF 5/16
PPF 12	PPF 3/8
PPF 14	PPF 1/2
PPF 16	

## BULKHEAD UNION

**PPM**



### Tube(Metric) Tube(Inch)

PPM 04	PPM 1/8
PPM 06	PPM 5/32
PPM 08	PPM 3/16
PPM 10	PPM 1/4
PPM 12	PPM 5/16
PPM 16	PPM 3/8
	PPM 1/2

## UNION TEE

**PUT**



### Tube(Metric) Tube(Inch)

PUT 04	PUT 1/8
PUT 05	PUT 5/32
PUT 06	PUT 3/16
PUT 08	PUT 1/4
PUT 10	PUT 5/16
PUT 12	PUT 3/8
PUT 14	PUT 1/2
PUT 16	

## TRIPLE BRANCH UNION

**PK**



### Tube(Metric) Tube(Inch)

PK 04	PK 5/32
PK 06	PK 1/4
PK 08	PK 5/16
PK 10	PK 3/8
PK 12	

# 快插式管接头/ONE TOUCH TUBE FITTINGS



Tube(Metric)	Tube(Inch)
PZA 04	PZA 1/8
PZA 06	PZA 5/32
PZA 08	PZA 3/16
PZA 10	PZA 1/4
PZA 12	PZA 5/16
	PZA 3/8
	PZA 1/2



Tube(Metric)	Tube(Inch)
PW06-04	PW1/4-5/32
PW08-04	PW3/16-5/32
PW08-06	PW5/16-1/4
PW10-06	PW3/8-1/4
PW10-08	PW3/8-5/16
PW12-08	PW1/2-3/8
PW12-10	



Tube(Metric)	Tube(Inch)
PLM 04	PLM 1/8
PLM 06	PLM 5/32
PLM 08	PLM 3/16
PLM 10	PLM 1/4
PLM 12	PLM 5/16
PLM 14	PLM 3/8
PLM 16	PLM 1/2



Tube(Metric)	Tube(Inch)
PKG06-04	PKG1/4-5/32
PKG08-04	PKG5/16-5/32
PKG08-06	PKG5/16-1/4
PKG10-06	PKG3/8-1/4
PKG10-08	PKG3/8-5/16
PKG12-10	



Tube(Metric)	Tube(Inch)
PTG06-04	PTG1/4-5/32
PTG08-04	PTG5/16-5/32
PTG08-06	PTG5/16-1/4
PTG10-06	PTG3/8-1/4
PTG10-08	PTG3/8-5/16
PTG12-08	PTG1/2-3/8
PTG12-10	
PTG16-12	



Tube(Metric)	Tube(Inch)
PTW06-04	PTW1/4-5/32
PTW08-04	PTW5/16-5/32
PTW08-06	PTW5/16-1/4
PTW10-06	PTW3/8-1/4
PTW10-08	PTW3/8-5/16
PTW12-08	PTW1/2-3/8
PTW12-10	
PTW16-12	



Tube(Metric)	Tube(Inch)
PXG06-04	PXG1/4-5/32
PXG12-10	PXG5/32-1/8
	PXG1/2-3/8



Tube(Metric)	Tube(Inch)
PGJ06-04	PGJ1/4-5/32
PGJ08-04	PGJ5/16-5/32
PGJ08-06	PGJ5/16-1/4
PGJ10-06	PGJ3/8-1/4
PGJ10-08	PGJ3/8-5/16
PGJ12-06	PGJ1/2-1/4
PGJ12-08	
PGJ12-10	



Tube(Metric)	Tube(Inch)
PP 04	PP 1/8
PP 06	PP 5/32
PP 08	PP 3/16
PP 10	PP 1/4
PP 12	PP 5/16
	PP 3/8
	PP 1/2



Tube(Metric)	Tube(Inch)
PLHJ 04	PLHJ 1/8
PLHJ 06	PLHJ 5/32
PLHJ 08	PLHJ 1/4
PLHJ 10	PLHJ 5/16
PLHJ 12	PLHJ 3/8
	PLHJ 1/2



Tube(Metric)	Tube(Inch)
PLJ 04	PLJ 1/8
PLJ 06	PLJ 5/32
PLJ 08	PLJ 3/16
PLJ 10	PLJ 1/4
PLJ 12	PLJ 5/16
PLJ 14	PLJ 3/8
PLJ 16	PLJ 1/2



Tube(Metric)	Tube(Inch)
PKJ 04	PKJ 5/32
PKJ 06	PKJ 1/4
PKJ 08	PKJ 5/16
PKJ 10	PKJ 3/8
PKJ 12	



Tube(Metric)	Tube(Inch)
PYJ 04	PYJ 1/8
PYJ 06	PYJ 5/32
PYJ 08	PYJ 3/16
PYJ 10	PYJ 1/4
PYJ 12	PYJ 5/16
	PYJ 3/8
	PYJ 1/2



Tube(Metric)	Tube(Inch)
PLHGJ06-04	PLHGJ1/4-5/32
PLHGJ08-04	PLHGJ1/6-5/32
PLHGJ08-06	PLHGJ1/6-1/4
PLHGJ10-06	PLHGJ3/8-1/4
PLHGJ10-08	PLHGJ3/8-5/16
PLHGJ12-08	PLHGJ1/2-3/8
PLHGJ12-10	

## G 螺纹接头 / Fittings with G thread(o-ring)

### PLUG-IN REDUCER Y



Tube(Metric)	Tube(Inch)
PYGJ06-04	PYGJ1/4-5/32
PYGJ08-04	PYGJ3/16-5/32
PYGJ08-06	PYGJ5/16-1/4
PYGJ10-06	PYGJ3/8-1/4
PYGJ10-08	PYGJ3/8-5/16
PYGJ12-08	PYGJ1/2-3/8
PYGJ12-10	

### PLUG-IN REDUCER ELBOW



Tube(Metric)	Tube(Inch)
PLGJ06-04	PLGJ1/4-5/32
PLGJ08-04	PLGJ3/16-5/32
PLGJ08-06	PLGJ5/16-1/4
PLGJ10-06	PLGJ3/8-1/4
PLGJ10-08	PLGJ3/8-5/16
PLGJ12-08	PLGJ1/2-3/8
PLGJ12-10	
PLGJ16-12	

## Fittings with G thread(o-ring)

### MALE STRAIGHT



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PC04-G01	PC10-G02
PC04-G02	PC10-G03
PC04-G03	PC10-G04
PC06-G01	PC12-G02
PC06-G02	PC12-G03
PC06-G03	PC12-G04
PC08-G01	PC14-G03
PC08-G02	PC14-G04
PC08-G03	PC16-G03
PC08-G04	PC16-G04
PC10-G01	

### ROUND MALE STRAIGHT



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
POC04-G01	POC10-G02
POC04-G02	POC10-G03
POC04-G03	POC10-G04
POC06-G01	POC12-G02
POC06-G02	POC12-G03
POC06-G03	POC12-G04
POC08-G01	POC14-G03
POC08-G02	POC14-G04
POC08-G03	POC16-G03
POC08-G04	POC16-G04
POC10-G01	

### FEMALE STRAIGHT



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PCF04-G01	PCF10-G02
PCF04-G02	PCF10-G03
PCF04-G03	PCF10-G04
PCF06-G01	PCF12-G02
PCF06-G02	PCF12-G03
PCF06-G03	PCF12-G04
PCF08-G01	PCF14-G03
PCF08-G02	PCF14-G04
PCF08-G03	PCF16-G03
PCF08-G04	PCF16-G04
PCF10-G01	

### BULKHEAD FEMALE STRAIGHT



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PMF04-G01	PMF10-G02
PMF04-G02	PMF10-G03
PMF04-G03	PMF10-G04
PMF06-G01	PMF12-G02
PMF06-G02	PMF12-G03
PMF06-G03	PMF12-G04
PMF08-G01	PMF14-G03
PMF08-G02	PMF14-G04
PMF08-G03	PMF16-G03
PMF08-G04	PMF16-G04
PMF10-G01	

### MALE ELBOW



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PL04-G01	PL10-G02
PL04-G02	PL10-G03
PL04-G03	PL10-G04
PL06-G01	PL12-G02
PL06-G02	PL12-G03
PL06-G03	PL12-G04
PL08-G01	PL14-G03
PL08-G02	PL14-G04
PL08-G03	PL16-G03
PL08-G04	PL16-G04
PL10-G01	

### MALE ELBOW



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PLB04-G01	PLB10-G02
PLB04-G02	PLB10-G03
PLB04-G03	PLB10-G04
PLB06-G01	PLB12-G02
PLB06-G02	PLB12-G03
PLB06-G03	PLB12-G04
PLB08-G01	
PLB08-G02	
PLB08-G03	
PLB08-G04	
PLB10-G01	

### FEMALE ELBOW



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PLF04-G01	PLF10-G02
PLF04-G02	PLF10-G03
PLF04-G03	PLF10-G04
PLF06-G01	PLF12-G02
PLF06-G02	PLF12-G03
PLF06-G03	PLF12-G04
PLF08-G01	PLF14-G03
PLF08-G02	PLF14-G04
PLF08-G03	PLF16-G03
PLF08-G04	PLF16-G04
PLF10-G01	

### FEMALE BRANCH TEE



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
PTF04-G01	PTF10-G02
PTF04-G02	PTF10-G03
PTF04-G03	PTF10-G04
PTF06-G01	PTF12-G02
PTF06-G02	PTF12-G03
PTF06-G03	PTF12-G04
PTF08-G01	PTF14-G03
PTF08-G02	PTF14-G04
PTF08-G03	PTF16-G03
PTF08-G04	PTF16-G04
PTF10-G01	



## G 螺纹接头 / Fittings with G thread(o-ring)

### EXTENDED MALE ELBOW

**PLL-G**



### Tube(Metric) - Thread(G)

PLL04-G01	PLL10-G02
PLL04-G02	PLL10-G03
PLL04-G03	PLL10-G04
PLL06-G01	PLL12-G02
PLL06-G02	PLL12-G03
PLL06-G03	PLL12-G04
PLL08-G01	PLL14-G03
PLL08-G02	PLL14-G04
PLL08-G03	PLL16-G03
PLL08-G04	PLL16-G04
PLL10-G01	

### MALE 45° ELBOW

**PLH-G**



### Tube(Metric) - Thread(G)

PLH04-G01	PLH10-G02
PLH04-G02	PLH10-G03
PLH04-G03	PLH10-G04
PLH06-G01	PLH12-G02
PLH06-G02	PLH12-G03
PLH06-G03	PLH12-G04
PLH08-G01	
PLH08-G02	
PLH08-G03	
PLH08-G04	
PLH10-G01	

### MALE BRANCH TEE

**PT-G**



### Tube(Metric) - Thread(G)

PT04-G01	PT10-G02
PT04-G02	PT10-G03
PT04-G03	PT10-G04
PT06-G01	PT12-G02
PT06-G02	PT12-G03
PT06-G03	PT12-G04
PT08-G01	PT14-G03
PT08-G02	PT14-G04
PT08-G03	PT16-G03
PT08-G04	PT16-G04
PT10-G01	

### MALE Y

**PWT-G**



### Tube(Metric) - Thread(G)

PWT04-G01	PWT10-G02
PWT04-G02	PWT10-G03
PWT04-G03	PWT10-G04
PWT06-G01	PWT12-G02
PWT06-G02	PWT12-G03
PWT06-G03	PWT12-G04
PWT08-G01	PWT14-G03
PWT08-G02	PWT14-G04
PWT08-G03	PWT16-G03
PWT08-G04	PWT16-G04
PWT10-G01	

### MALE RUN TEE

**PST-G**



### Tube(Metric) - Thread(G)

PST04-G01	PST10-G02
PST04-G02	PST10-G03
PST04-G03	PST10-G04
PST06-G01	PST12-G02
PST06-G02	PST12-G03
PST06-G03	PST12-G04
PST08-G01	PST14-G03
PST08-G02	PST14-G04
PST08-G03	PST16-G03
PST08-G04	PST16-G04
PST10-G01	

### MALE BANJO

**PH-G**



### Tube(Metric) - Thread(G)

PH04-G01	PH10-G02
PH04-G02	PH10-G03
PH04-G03	PH10-G04
PH06-G01	PH12-G02
PH06-G02	PH12-G03
PH06-G03	PH12-G04
PH08-G01	
PH08-G02	
PH08-G03	
PH08-G04	
PH10-G01	

### FEMALE BANJO

**PHF-G**



### Tube(Metric) - Thread(G)

PHF04-G01	PHF08-G04
PHF04-G02	PHF10-G01
PHF04-G03	PHF10-G02
PHF06-G01	PHF10-G03
PHF06-G02	PHF10-G04
PHF06-G03	PHF12-G02
PHF08-G01	PHF12-G03
PHF08-G02	PHF12-G04
PHF08-G03	

### MALE Y

**PXT-G**



### Tube(Metric) - Thread(G)

PXT04-G01	
PXT04-G02	
PXT10-G02	
PXT10-G03	
PXT10-G04	

### MALE TRIPLE UNION

**PKB-G**



### Tube(Metric) - Thread(G)

PKB04-G01	PKB08-G01
PKB04-G02	PKB08-G02
PKB04-G03	PKB08-G03
PKB06-G01	PKB08-G04
PKB06-G02	PKB10-G03
PKB06-G03	PKB12-G04

### MALE TRIPLE BRANCH REDUCER

**PKD-G**



### Tube(Metric) - Thread(G)

PKD 06-04-G01	
PKD 08-04-G02	
PKD 08-06-G02	
PKD 10-08-G03	
PKD 12-10-G04	

### MALE BANJO

**PH-G(D2)**



### Tube(Metric) - Thread(G)

PH(D2)04-G01	PH(D2)08-G04
PH(D2)04-G02	PH(D2)10-G01
PH(D2)04-G03	PH(D2)10-G02
PH(D2)06-G01	PH(D2)10-G03
PH(D2)06-G02	PH(D2)10-G04
PH(D2)06-G03	PH(D2)12-G02
PH(D2)08-G01	PH(D2)12-G03
PH(D2)08-G02	PH(D2)12-G04
PH(D2)08-G03	

### MALE BANJO

**PH-G(D3)**



### Tube(Metric) - Thread(G)

PH(D3)04-G01	PH(D3)08-G04
PH(D3)04-G02	PH(D3)10-G01
PH(D3)04-G03	PH(D3)10-G02
PH(D3)06-G01	PH(D3)10-G03
PH(D3)06-G02	PH(D3)10-G04
PH(D3)06-G03	PH(D3)12-G02
PH(D3)08-G01	PH(D3)12-G03
PH(D3)08-G02	PH(D3)12-G04
PH(D3)08-G03	

# L型快插式管接头/ ONE TOUCH TUBE FITTINGS-PLUS

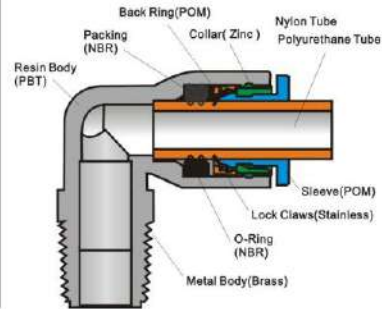
## 应用 Applications

- 快插式气管的连接用于导通压缩空气。
- 视用户环境而定，具有多种用途。
- One touch type pipe connection tool for air pressure piping.
- Various uses depending on the user's environment.

## 特点 Features

- 只需一次动作便可轻松连接或分离气管。
- 采用PA材质，壳体更加坚固。
- PL和PT型号的主体内有可旋转结构，可提高气管敷设效率。
- 连接后，牙齿对管子不产生损伤，管子可以360转动
- 螺纹截面有O形环或特氟纶涂层。
- One action inserts the tube to release and connect easy.
- The main body of the PL and PT types is a rotating structure for efficient piping.
- Body Is Made of PA Material. It Is Hard Than PBT.
- After Connection, Claw Does Not make damage to Tube, Also Tube Can be Free Twisted 360.
- The screw section has O-ring, or Teflon coated.

## 结构图 Structural Diagram



## 使用范围 Specifications

- 流体类型：空气（不能是其他气体或液体）
- 工作压力：0~150PSI/0~9.9kgf/cm<sup>2</sup> (0~990kPa)
- 负压：-29.5in.Hg/-750mmHg(-750 Torr)
- 工作温度：32~140° F/0~60° C
- 使用气管：聚氨酯和尼龙气管
- Fluid Type: Air (No other types of gases or liquids)
- Working Pressure Range: 0~150PSI / 0~9.9kgf/cm<sup>2</sup>(0~990KPa)
- Negative Pressure: -29.5 in Hg / -750mm Hg(10 Torr)
- Working Temperature: 32~140° F / 0~60° C
- Recommended tube material: Nylon Or Polyurethane

## 产品编码系统 Product Code System

### METRIC-BSPT(R)

OneTouch Fitting	Tube Dia		Thread Size		Plating
	CODE	SIZE	METRIC THREAD		Nickel
	04	∅4			Sleeve Color Blue
	06	∅6	M5	M5X0.8	
	08	∅8	M6	M6X1.0	
	10	∅10	M12	M12X1.5	
	12	∅12	M14	M14X1.5	
			M16	M16X1.5	
			M22	M22X1.5	
			R(P)T THREAD		
			CODE	SIZE	
			01	R1/8	
			02	R1/4	
			03	R3/8	
			04	R1/2	

### METRIC-BSP(G)

OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	G(PF) THREAD		Blue
	04	∅4			
	06	∅6	G01	G1/8	
	08	∅8	G02	G1/4	
	10	∅10	G03	G3/8	
	12	∅12	G04	G1/2	

### INCH-NPT

OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	UNF THREAD		Black
	5/32	∅5/32			
	3/16	∅3/16	U	10-32UNF	
	1/4	∅1/4	NPT THREAD		
	5/16	∅5/16	CODE	SIZE	
	3/8	∅3/8	N01	NPT1/8	
	1/2	∅1/2	N02	NPT1/4	
			N03	NPT3/8	
			N04	NPT1/2	

## L型快插式管接头 / ONE TOUCH TUBE FITTINGS-PLUS



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPC04-M5	LPC08-04	LPC1/8-U10	LPC1/4-N03
LPC04-M6	LPC10-01	LPC1/8-N01	LPC5/16-N01
LPC04-01	LPC10-02	LPC1/8-N02	LPC5/16-N02
LPC04-02	LPC10-03	LPC5/32-U10	LPC5/16-N03
LPC04-03	LPC10-04	LPC5/32-N01	LPC3/8-N01
LPC06-M5	LPC12-01	LPC5/32-N02	LPC3/8-N02
LPC06-M6	LPC12-02	LPC3/16-U10	LPC3/8-N03
LPC06-01	LPC12-03	LPC3/16-N01	LPC3/8-N04
LPC06-02	LPC12-04	LPC3/16-N02	LPC1/2-N02
LPC06-03		LPC3/16-N03	LPC1/2-N03
LPC08-01		LPC1/4-U10	LPC1/2-N04
LPC08-02		LPC1/4-N01	
LPC08-03		LPC1/4-N02	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPOC04-M5	LPOC08-04	LPOC1/8-U10	LPOC1/4-N03
LPOC04-M6	LPOC10-01	LPOC1/8-N01	LPOC5/16-N01
LPOC04-01	LPOC10-02	LPOC1/8-N02	LPOC5/16-N02
LPOC04-02	LPOC10-03	LPOC5/32-U10	LPOC5/16-N03
LPOC04-03	LPOC10-04	LPOC5/32-N01	LPOC3/8-N01
LPOC06-M5	LPOC12-01	LPOC5/32-N02	LPOC3/8-N02
LPOC06-M6	LPOC12-02	LPOC3/16-U10	LPOC3/8-N03
LPOC06-01	LPOC12-03	LPOC3/16-N01	LPOC3/8-N04
LPOC06-02	LPOC12-04	LPOC3/16-N02	LPOC1/2-N02
LPOC06-03		LPOC3/16-N03	LPOC1/2-N03
LPOC08-01		LPOC1/4-U10	LPOC1/2-N04
LPOC08-02		LPOC1/4-N01	
LPOC08-03		LPOC1/4-N02	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPLL04-M5	LPLL08-04	LPLL1/8-U10	LPLL1/4-N03
LPLL04-M6	LPLL10-01	LPLL1/8-N01	LPLL5/16-N01
LPLL04-01	LPLL10-02	LPLL1/8-N02	LPLL5/16-N02
LPLL04-02	LPLL10-03	LPLL5/32-U10	LPLL5/16-N03
LPLL04-03	LPLL10-04	LPLL5/32-N01	LPLL3/8-N01
LPLL06-M5	LPLL12-01	LPLL5/32-N02	LPLL3/8-N02
LPLL06-M6	LPLL12-02	LPLL3/16-U10	LPLL3/8-N03
LPLL06-01	LPLL12-03	LPLL3/16-N01	LPLL3/8-N04
LPLL06-02	LPLL12-04	LPLL3/16-N02	LPLL1/2-N02
LPLL06-03		LPLL3/16-N03	LPLL1/2-N03
LPLL08-01		LPLL1/4-U10	LPLL1/2-N04
LPLL08-02		LPLL1/4-N01	
LPLL08-03		LPLL1/4-N02	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPL04-M5	LPL08-04	LPL1/8-U10	LPL1/4-N03
LPL04-M6	LPL10-01	LPL1/8-N01	LPL5/16-N01
LPL04-01	LPL10-02	LPL1/8-N02	LPL5/16-N02
LPL04-02	LPL10-03	LPL5/32-U10	LPL5/16-N03
LPL04-03	LPL10-04	LPL5/32-N01	LPL3/8-N01
LPL06-M5	LPL12-01	LPL5/32-N02	LPL3/8-N02
LPL06-M6	LPL12-02	LPL3/16-U10	LPL3/8-N03
LPL06-01	LPL12-03	LPL3/16-N01	LPL3/8-N04
LPL06-02	LPL12-04	LPL3/16-N02	LPL1/2-N02
LPL06-03		LPL3/16-N03	LPL1/2-N03
LPL08-01		LPL1/4-U10	LPL1/2-N04
LPL08-02		LPL1/4-N01	
LPL08-03		LPL1/4-N02	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPT04-M5	LPT08-04	LPT1/8-U10	LPT1/4-N03
LPT04-M6	LPT10-01	LPT1/8-N01	LPT5/16-N01
LPT04-01	LPT10-02	LPT1/8-N02	LPT5/16-N02
LPT04-02	LPT10-03	LPT5/32-U10	LPT5/16-N03
LPT04-03	LPT10-04	LPT5/32-N01	LPT3/8-N01
LPT06-M5	LPT12-01	LPT5/32-N02	LPT3/8-N02
LPT06-M6	LPT12-02	LPT1/4-U10	LPT3/8-N03
LPT06-01	LPT12-03	LPT1/4-N01	LPT3/8-N04
LPT06-02	LPT12-04	LPT1/4-N02	LPT1/2-N02
LPT06-03		LPT1/4-N03	LPT1/2-N03
LPT08-01		LPT5/16-N01	LPT1/2-N04
LPT08-02		LPT5/16-N02	
LPT08-03		LPT5/16-N03	

## L型快插式管接头 / ONE TOUCH TUBE FITTINGS-PLUS



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPST04-M5	LPST08-04	LPST1/8-U10	LPST1/4-N03
LPST04-M6	LPST10-01	LPST1/8-N01	LPST5/16-N01
LPST04-01	LPST10-02	LPST1/8-N02	LPST5/16-N02
LPST04-02	LPST10-03	LPST5/32-U10	LPST5/16-N03
LPST04-03	LPST10-04	LPST5/32-N01	LPST3/8-N01
LPST06-M5	LPST12-01	LPST5/32-N02	LPST3/8-N02
LPST06-M6	LPST12-02	LPST3/16-U10	LPST3/8-N03
LPST06-01	LPST12-03	LPST3/16-N01	LPST3/8-N04
LPST06-02	LPST12-04	LPST3/16-N02	LPST1/2-N02
LPST06-03		LPST3/16-N03	LPST1/2-N03
LPST08-01		LPST1/4-U10	LPST1/2-N04
LPST08-02		LPST1/4-N01	
LPST08-03		LPST1/4-N02	



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
LPWT04-M5	LPWT08-04	LPWT1/8-U10	LPWT1/4-N03
LPWT04-M6	LPWT10-01	LPWT1/8-N01	LPWT5/16-N01
LPWT04-01	LPWT10-02	LPWT1/8-N02	LPWT5/16-N02
LPWT04-02	LPWT10-03	LPWT5/32-U10	LPWT5/16-N03
LPWT04-03	LPWT10-04	LPWT5/32-N01	LPWT3/8-N01
LPWT06-M5	LPWT12-01	LPWT5/32-N02	LPWT3/8-N02
LPWT06-M6	LPWT12-02	LPWT3/16-U10	LPWT3/8-N03
LPWT06-01	LPWT12-03	LPWT3/16-N01	LPWT3/8-N04
LPWT06-02	LPWT12-04	LPWT3/16-N02	LPWT1/2-N02
LPWT06-03		LPWT3/16-N03	LPWT1/2-N03
LPWT08-01		LPWT1/4-U10	LPWT1/2-N04
LPWT08-02		LPWT1/4-N01	
LPWT08-03		LPWT1/4-N02	



Tube(Inch) - Thread(NPT)	
LPCF1/8-N01	LPCF5/16-N04
LPCF1/8-N02	LPCF3/8-N01
LPCF5/32-N01	LPCF3/8-N02
LPCF5/32-N02	LPCF3/8-N03
LPCF3/16-N01	LPCF3/8-N04
LPCF3/16-N02	LPCF1/2-N02
LPCF3/16-N03	LPCF1/2-N03
LPCF1/4-N01	LPCF1/2-N04
LPCF1/4-N02	
LPCF1/4-N03	
LPCF5/16-N01	
LPCF5/16-N02	
LPCF5/16-N03	



Tube(Inch) - Thread(NPT)	
LPMF1/8-N01	LPMF5/16-N04
LPMF1/8-N02	LPMF3/8-N01
LPMF5/32-N01	LPMF3/8-N02
LPMF5/32-N02	LPMF3/8-N03
LPMF3/16-N01	LPMF3/8-N04
LPMF3/16-N02	LPMF1/2-N02
LPMF3/16-N03	LPMF1/2-N03
LPMF1/4-N01	LPMF1/2-N04
LPMF1/4-N02	
LPMF1/4-N03	
LPMF5/16-N01	
LPMF5/16-N02	
LPMF5/16-N03	



Tube(Inch) - Thread(NPT)	
LPLF1/8-N01	LPLF5/16-N04
LPLF1/8-N02	LPLF3/8-N01
LPLF5/32-N01	LPLF3/8-N02
LPLF5/32-N02	LPLF3/8-N03
LPLF3/16-N01	LPLF3/8-N04
LPLF3/16-N02	LPLF1/2-N02
LPLF3/16-N03	LPLF1/2-N03
LPLF1/4-N01	LPLF1/2-N04
LPLF1/4-N02	
LPLF1/4-N03	
LPLF5/16-N01	
LPLF5/16-N02	
LPLF5/16-N03	



Tube(Inch) - Thread(NPT)	
LPTF1/8-N01	LPTF5/16-N04
LPTF1/8-N02	LPTF3/8-N01
LPTF5/32-N01	LPTF3/8-N02
LPTF5/32-N02	LPTF3/8-N03
LPTF3/16-N01	LPTF3/8-N04
LPTF3/16-N02	LPTF1/2-N02
LPTF3/16-N03	LPTF1/2-N03
LPTF1/4-N01	LPTF1/2-N04
LPTF1/4-N02	
LPTF1/4-N03	
LPTF5/16-N01	
LPTF5/16-N02	
LPTF5/16-N03	



Tube(Metric)	Tube(Inch)
LPUC 04	LPUC 1/8
LPUC 05	LPUC 5/32
LPUC 06	LPUC 3/16
LPUC 08	LPUC 1/4
LPUC 10	LPUC 5/16
LPUC 12	LPUC 3/8
	LPUC 1/2



Tube(Metric)	Tube(Inch)
LPUL 04	LPUL 1/8
LPUL 05	LPUL 5/32
LPUL 06	LPUL 3/16
LPUL 08	LPUL 1/4
LPUL 10	LPUL 5/16
LPUL 12	LPUL 3/8
	LPUL 1/2

## L型快插式管接头/ ONE TOUCH TUBE FITTINGS -PLUS



Tube(Metric)	Tube(Inch)
LPG06-04	LPG1/4-5/32
LPG08-04	LPG3/16-5/32
LPG08-06	LPG5/16-1/4
LPG10-06	LPG3/8-1/4
LPG10-08	LPG3/8-5/16
LPG12-08	LPG1/2-3/8
LPG12-10	



Tube(Metric)	Tube(Inch)
LPMM 04	LPMM 1/8
LPMM 06	LPMM 5/32
LPMM 08	LPMM 3/16
LPMM 10	LPMM 1/4
LPMM 12	LPMM 5/16
	LPMM 3/8
	LPMM 1/2



Tube(Metric)	Tube(Inch)
LNSS06-04	LNSS1/4-5/32
LNSS08-04	LNSS3/16-5/32
LNSS08-06	LNSS3/16-1/4
LNSS10-06	LNSS3/8-1/4
LNSS10-08	LNSS3/8-5/16
LNSS12-08	LNSS1/2-3/8
LNSS12-10	



Tube(Metric)	Tube(Inch)
LPY 04	LPY 1/8
LPY 05	LPY 5/32
LPY 06	LPY 3/16
LPY 08	LPY 1/4
LPY 10	LPY 5/16
LPY 12	LPY 3/8
	LPY 1/2



Tube(Metric)	Tube(Inch)
LPW06-04	LPW1/4-5/32
LPW08-04	LPW3/16-5/32
LPW08-06	LPW5/16-1/4
LPW10-06	LPW3/8-1/4
LPW10-08	LPW3/8-5/16
LPW12-08	LPW1/2-3/8
LPW12-10	



Tube(Metric)	Tube(Inch)
LPUT 04	LPUT 1/8
LPUT 05	LPUT 5/32
LPUT 06	LPUT 3/16
LPUT 08	LPUT 1/4
LPUT 10	LPUT 5/16
LPUT 12	LPUT 3/8
	LPUT 1/2



Tube(Metric)	Tube(Inch)
LPTG06-04	LPTG1/4-5/32
LPTG08-04	LPTG5/16-5/32
LPTG08-06	LPTG5/16-1/4
LPTG10-06	LPTG3/8-1/4
LPTG10-08	LPTG3/8-5/16
LPTG12-08	LPTG1/2-3/8
LPTG12-10	
LPTG16-12	



Tube(Metric)	Tube(Inch)
LPTW06-04	LPTW1/4-5/32
LPTW08-04	LPTW5/16-5/32
LPTW08-06	LPTW5/16-1/4
LPTW10-06	LPTW3/8-1/4
LPTW10-08	LPTW3/8-5/16
LPTW12-08	LPTW1/2-3/8
LPTW12-10	

## L型G螺纹接头/ Fittings with G thread(o-ring)-PLUS



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
LPC04-G01	LPC10-G02
LPC04-G02	LPC10-G03
LPC04-G03	LPC10-G04
LPC06-G01	LPC12-G02
LPC06-G02	LPC12-G03
LPC06-G03	LPC12-G04
LPC08-G01	
LPC08-G02	
LPC08-G03	
LPC08-G04	
LPC10-G01	



Tube(Metric) - Thread(G)	Tube(Metric) - Thread(G)
LPOC04-G01	LPOC10-G02
LPOC04-G02	LPOC10-G03
LPOC04-G03	LPOC10-G04
LPOC06-G01	LPOC12-G02
LPOC06-G02	LPOC12-G03
LPOC06-G03	LPOC12-G04
LPOC08-G01	
LPOC08-G02	
LPOC08-G03	
LPOC08-G04	
LPOC10-G01	

## L型G螺纹接头/ Fittings with G thread(o-ring)-PLUS

### FEMALE STRAIGHT

#### LPCF-G

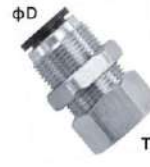


### Tube(Metric) - Thread(G)

LPCF04-G01	LPCF10-G02
LPCF04-G02	LPCF10-G03
LPCF04-G03	LPCF10-G04
LPCF06-G01	LPCF12-G02
LPCF06-G02	LPCF12-G03
LPCF06-G03	LPCF12-G04
LPCF08-G01	LPCF14-G03
LPCF08-G02	LPCF14-G04
LPCF08-G03	LPCF16-G03
LPCF08-G04	LPCF16-G04
LPCF10-G01	

### BULKHEAD FEMALE STRAIGHT

#### LPMF-G



### Tube(Metric) - Thread(G)

LPMF04-G01	LPMF10-G02
LPMF04-G02	LPMF10-G03
LPMF04-G03	LPMF10-G04
LPMF06-G01	LPMF12-G02
LPMF06-G02	LPMF12-G03
LPMF06-G03	LPMF12-G04
LPMF08-G01	LPMF14-G03
LPMF08-G02	LPMF14-G04
LPMF08-G03	LPMF16-G03
LPMF08-G04	LPMF16-G04
LPMF10-G01	

### FEMALE ELBOW

#### LPLF-G



### Tube(Metric) - Thread(G)

LPLF04-G01	LPLF10-G02
LPLF04-G02	LPLF10-G03
LPLF04-G03	LPLF10-G04
LPLF06-G01	LPLF12-G02
LPLF06-G02	LPLF12-G03
LPLF06-G03	LPLF12-G04
LPLF08-G01	LPLF14-G03
LPLF08-G02	LPLF14-G04
LPLF08-G03	LPLF16-G03
LPLF08-G04	LPLF16-G04
LPLF10-G01	

### FEMALE BRANCH TEE

#### LPTF-G



### Tube(Metric) - Thread(G)

LPTF04-G01	LPTF10-G02
LPTF04-G02	LPTF10-G03
LPTF04-G03	LPTF10-G04
LPTF06-G01	LPTF12-G02
LPTF06-G02	LPTF12-G03
LPTF06-G03	LPTF12-G04
LPTF08-G01	LPTF14-G03
LPTF08-G02	LPTF14-G04
LPTF08-G03	LPTF16-G03
LPTF08-G04	LPTF16-G04
LPTF10-G01	

### MALE ELBOW

#### LPLL-G



### Tube(Metric) - Thread(G)

LPLL04-G01	LPLL10-G02
LPLL04-G02	LPLL10-G03
LPLL04-G03	LPLL10-G04
LPLL06-G01	LPLL12-G02
LPLL06-G02	LPLL12-G03
LPLL06-G03	LPLL12-G04
LPLL08-G01	
LPLL08-G02	
LPLL08-G03	
LPLL08-G04	
LPLL10-G01	

### MALE ELBOW

#### LPL-G



### Tube(Metric) - Thread(G)

LPL04-G01	LPL10-G02
LPL04-G02	LPL10-G03
LPL04-G03	LPL10-G04
LPL06-G01	LPL12-G02
LPL06-G02	LPL12-G03
LPL06-G03	LPL12-G04
LPL08-G01	
LPL08-G02	
LPL08-G03	
LPL08-G04	
LPL10-G01	

### FEMALE STRAIGHT

#### LNSS-G



### Tube(Metric) - Thread(G)

LNSS04-G01	LNSS10-G02
LNSS04-G02	LNSS10-G03
LNSS04-G03	LNSS10-G04
LNSS06-G01	LNSS12-G02
LNSS06-G02	LNSS12-G03
LNSS06-G03	LNSS12-G04
LNSS08-G01	LNSS14-G03
LNSS08-G02	LNSS14-G04
LNSS08-G03	LNSS16-G03
LNSS08-G04	LNSS16-G04
LNSS10-G01	

### MALE Y

#### LPWT-G



### Tube(Metric) - Thread(G)

LPWT04-G01	LPWT10-G02
LPWT04-G02	LPWT10-G03
LPWT04-G03	LPWT10-G04
LPWT06-G01	LPWT12-G02
LPWT06-G02	LPWT12-G03
LPWT06-G03	LPWT12-G04
LPWT08-G01	
LPWT08-G02	
LPWT08-G03	
LPWT08-G04	
LPWT10-G01	

### MALE BRANCH TEE

#### LPT-G



### Tube(Metric) - Thread(G)

LPT04-G01	LPT10-G02
LPT04-G02	LPT10-G03
LPT04-G03	LPT10-G04
LPT06-G01	LPT12-G02
LPT06-G02	LPT12-G03
LPT06-G03	LPT12-G04
LPT08-G01	
LPT08-G02	
LPT08-G03	
LPT08-G04	
LPT10-G01	

### MALE RUN TEE

#### LPST-G



### Tube(Metric) - Thread(G)

LPST04-G01	LPST10-G02
LPST04-G02	LPST10-G03
LPST04-G03	LPST10-G04
LPST06-G01	LPST12-G02
LPST06-G02	LPST12-G03
LPST06-G03	LPST12-G04
LPST08-G01	
LPST08-G02	
LPST08-G03	
LPST08-G04	
LPST10-G01	

# 微型接头/COMPACT ONE TOUCH TUBE FITTINGS

## 应用 Applications

- 在有限的空间内，可用超小型快插式气管的连接导通压缩空气。
- 视用户环境而定，具有多种用途。
- Mini one touch type pipe connection tool for air pressure piping in limited spaces.
- Various uses according to the user's environment.

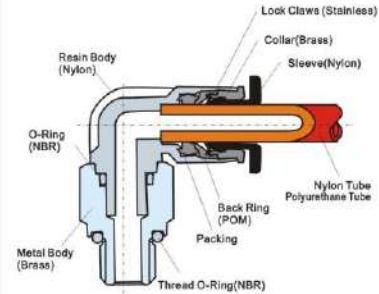
## 特点 Features

- 只需一次动作便可轻松连接或分离气管。
- 体积和外径比常规型号的尺寸小，但是可获得相同的流量。
- 表面经过化学镀镍处理，具有卓越的耐腐蚀性。
- 采用椭圆形卸管环设计，可在有限的空间内分离。
- 螺纹截面有O形环或特氟纶涂层。
- 小型化的管接头，适用于小型装置以及有限空间内的气管敷设。
- One action can insert the tube to easy connection and release.
- Volume and OD are smaller than the regular type, but same flux is obtained.
- Treated with electroless nickel coating on the surface for excellent tolerance to corrosion.
- Oval sleeve is designed to allow easy release in the limited space.
- The screw section has O-ring, or Teflon coated.
- Miniaturized fitting for small devices and piping in limited spaces.

## 使用范围 Specifications

- 流体类型：空气（不能是其他气体或液体）
- 工作压力：0~150PSI/0~9.9kgf/cm<sup>2</sup>(0~990kPa)
- 负压：-29.5in Hg/-750mmHg(-750 Torr)
- 工作温度：32~140° F/0~60°C
- 使用气管：聚氨酯和尼龙气管
- Fluid Type: Air (No other types of gases or liquids)
- Working Pressure Range: 0~150PSI / 0~9.9kgf/cm<sup>2</sup>(0~990KPa)
- Negative Pressure: -29.5 in Hg / -750mm Hg(10 Torr)
- Working Temperature: 32~140°F / 0-60°C
- Recommended tube material: Nylon Or Polyurethane

## 结构图 Structural Diagram



### METRIC-BSPT(R)

Compact One Touch Fitting	Tube Dia		Thread Size		Compact	Sleeve Color
	CODE	SIZE	METRIC THREAD			
02	Ø2				Nickel	
02.5	Ø2.5		M3	M3X0.5		
03	Ø3		M5	M5X0.8		
04	Ø4		M6	M6X1.0		
06	Ø6		R(PT) THREAD			
			CODE	SIZE		
			01	R 1/8		

### INCH-NPT

Compact One Touch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	UNF THREAD		
	1/8	Ø1/8			Black
	5/32	Ø5/32	U	10-32UNF	
	1/4	Ø1/4			
			CODE	SIZE	
			N00	NPT 1/16	
			N01	NPT 1/8	

### METRIC-BSPP(G)

Compact One Touch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	G(PF) THREAD		
04	Ø4				Black
06	Ø6		G01	G1/8	

### MALE STRAIGHT



Tube(Metric) - Thread(R)	Tube(Inch) - Thread(NPT)
PC 02-M3C	PC 1/8-U10C
PC 02.5-M3C	PC 1/8-U00C
PC 03-M3C	PC 1/8-U01C
PC 03-M5C	PC 5/32-U10C
PC 03-M6C	PC 5/32-N00C
PC 04-M3C	PC 5/32-N10C
PC 04-M5C	PC 1/4-U10C
PC 04-M6C	PC 1/4-N00C
PC 04-01C	PC 1/4-N01C
PC 04-G01C	
PC 06-M5C	
PC 06-G01C	

### ROUND MALE STRAIGHT



Tube(Metric) - Thread(R)	Tube(Inch) - Thread(NPT)
POC 03-M3C	POC 1/8-U10C
POC 03-M5C	POC 1/8-U00C
POC 03-M6C	POC 1/8-U01C
POC 04-M3C	POC 5/32-U10C
POC 04-M5C	POC 5/32-N00C
POC 04-M6C	POC 5/32-N10C
POC 04-01C	POC 1/4-U10C
POC 04-G01C	POC 1/4-N00C
POC 06-M5C	POC 1/4-N01C
POC 06-M6C	
POC 06-01C	
POC 06-G01C	

### FEMALE STRAIGHT



Tube(Metric) - Thread(R)	Tube(Inch) - Thread(NPT)
PCF 03-M3C	PCF 1/8-U10C
PCF 03-M5C	PCF 1/8-U00C
PCF 03-M6C	PCF 1/8-U01C
PCF 04-M3C	PCF 5/32-U10C
PCF 04-M5C	PCF 5/32-N00C
PCF 04-M6C	PCF 5/32-N10C
PCF 04-01C	PCF 1/4-U10C
PCF 04-G01C	PCF 1/4-N00C
PCF 06-M5C	PCF 1/4-N01C
PCF 06-M6C	
PCF 06-01C	
PCF 06-G01C	

### MALE ELBOW



Tube(Metric) - Thread(R)	Tube(Inch) - Thread(NPT)
PL 03-M3C	PL 1/8-U10C
PL 03-M5C	PL 1/8-U00C
PL 03-M6C	PL 1/8-U01C
PL 04-M3C	PL 5/32-U10C
PL 04-M5C	PL 5/32-N00C
PL 04-M6C	PL 5/32-N10C
PL 04-01C	PL 1/4-U10C
PL 04-G01C	PL 1/4-N00C
PL 06-M5C	PL 1/4-N01C
PL 06-M6C	
PL 06-01C	
PL 06-G01C	





# 节流阀 / SPEED CONTROLLERS

## 应用 Applications

- 用于控制气动执行机构速度的阀门。
- 主要安装在气动执行机构上。
- A valve to control the speed of the air pressure actuator.
- Mainly installed in the air actuator.

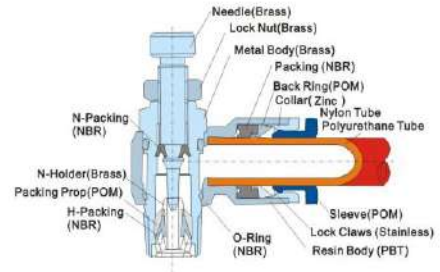
## 特点 Features

- 可精确调整最佳气流速率，从而精确控制运动速度。
- 可根据气管敷设情况控制气管方向，因为装配时主体可旋转360度。
- 采用针阀转动调节气流速率，使得速度控制非常简单方便。
- 在有限和狭小的空间内，便于用旋转工具控制速度( NSC(D)和NSC(DC)型号 )。
- 小型化的产品，装配到装置上仅占据很小的空间。
- Accurate regulation of an optimal airflow rate for precise motion control.
- Tube direction and angle are controlled according to piping as the main body can rotate up to 360 after assembly.
- Needle rotation is increased to 10-12 times for easy speed and regular speed control.
- Easy speed control with drive tools in limited and crowded spaces ( NSC(D) and NSC(DC) types)
- Miniaturized products occupy small space attaching to devices.

## 使用范围 Specifications

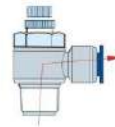
- 流体类型：空气（不能是其他气体或液体）
- 工作压力：0-150PSI/0-9.9kgf/cm<sup>2</sup>(0-990kPa)
- 负压：-29.5in Hg/-750mmHg(-750 Torr)
- 工作温度：32-140° F/0-60°C
- 使用气管：聚氨酯和尼龙气管
- Fluid Type: Air (No other types of gases or liquids)
- Working Pressure Range: 0-150PSI / 0-9.9kgf/cm<sup>2</sup>(0-990KPa)
- Negative Pressure: -29.5 in Hg / -750mm Hg(10 Torr)
- Working Temperature: 32-140°F / 0-60°C
- Recommended tube material: Nylon Or Polyurethane

## 结构图 Structural Diagram



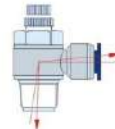
本产品控制来自螺纹一侧空气，但不控制来自气管一侧的空气，因此可以自由流动。

- For NSE series, when you order control in ,pls put B at the end of model. For example: NSE08-02B



本产品控制来自气管一侧空气，但不控制来自螺纹一侧的空气，因此可以自由流动。

- For NSE series, when you order control out, needn't add at the end of model. For example: NSE08-02



本产品控制来自气管或者控制来自螺纹一侧的空气，因此可以自由流动。

- For NSE series, when you order control in & out, pls put D at the end of model. For example: NSE08-02D



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
NSE 04-M5	NSE 08-03	NSE 1/8-U10	NSE1/4-N02
NSE 04-M6	NSE 08-04	NSE 1/8-N01	NSE1/4-N03
NSE 04-01	NSE 10-01	NSE 1/8-N02	NSE5/16-N01
NSE 04-02	NSE 10-02	NSE5/32-U10	NSE5/16-N02
NSE 04-03	NSE 10-03	NSE5/32-N01	NSE5/16-N03
NSE 06-M5	NSE 10-04	NSE5/32-N02	NSE3/8-N01
NSE 06-M6	NSE 12-01	NSE3/16-U10	NSE3/8-N02
NSE 06-01	NSE 12-02	NSE3/16-N01	NSE3/8-N03
NSE 06-02	NSE 12-03	NSE3/16-N02	NSE3/8-N04
NSE 06-03	NSE 12-04	NSE3/16-N03	NSE1/2-N02
NSE 08-01	NSE 16-03	NSE1/4-U10	NSE1/2-N03
NSE 08-02	NSE 16-04	NSE1/4-N01	NSE1/2-N04



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(NPT)	
NSEI-04-M5	NSEI-08-03	NSEI-1/8-U10	NSEI-1/4-N02
NSEI-04-M6	NSEI-08-04	NSEI-1/8-N01	NSEI-1/4-N03
NSEI-04-01	NSEI-10-01	NSEI-1/8-N02	NSEI-5/16-N01
NSEI-04-02	NSEI-10-02	NSEI-5/32-U10	NSEI-5/16-N02
NSEI-04-03	NSEI-10-03	NSEI-5/32-N01	NSEI-5/16-N03
NSEI-06-M5	NSEI-10-04	NSEI-5/32-N02	NSEI-3/8-N01
NSEI-06-M6	NSEI-12-02	NSEI-3/16-U10	NSEI-3/8-N02
NSEI-06-01	NSEI-12-03	NSEI-3/16-N01	NSEI-3/8-N03
NSEI-06-02	NSEI-12-04	NSEI-3/16-N02	NSEI-3/8-N04
NSEI-06-03		NSEI-3/16-N03	
NSEI-08-01		NSEI-1/4-U10	
NSEI-08-02		NSEI-1/4-N01	

# 节流阀/ SPEED CONTROLLERS



Tube(Metric) - Thread(G)	
NSE04-G01	NSE10-G01
NSE04-G02	NSE10-G02
NSE04-G03	NSE10-G03
NSE06-G01	NSE10-G04
NSE06-G02	NSE12-G02
NSE06-G03	NSE12-G03
NSE08-G01	NSE12-G04
NSE08-G02	NSE16-G03
NSE08-G03	NSE16-G04
NSE08-G04	



Tube(Metric) - Thread(G)	
NSEI04-G01	NSEI10-G01
NSEI04-G02	NSEI10-G02
NSEI04-G03	NSEI10-G03
NSEI06-G01	NSEI10-G04
NSEI06-G02	NSEI12-G02
NSEI06-G03	NSEI12-G03
NSEI08-G01	NSEI12-G04
NSEI08-G02	NSEI16-G03
NSEI08-G03	NSEI16-G04
NSEI08-G04	



Tube(Metric) - Thread(R)		Tube(Metric) - Thread(G)		Tube(Inch) - Thread(NPT)	
NSFSF04-01	NSFSF10-04	NSFSF04-G01	NSFSF10-G04	NSFSF1/8-N01	NSFSF3/8-N01
NSFSF06-01	NSFSF12-02	NSFSF06-G01	NSFSF12-G02	NSFSF5/32-N01	NSFSF3/8-N02
NSFSF06-02	NSFSF12-03	NSFSF06-G02	NSFSF12-G03	NSFSF3/16-N01	NSFSF3/8-N03
NSFSF08-01	NSFSF12-04	NSFSF08-G01	NSFSF12-G04	NSFSF1/4-N01	NSFSF3/8-N04
NSFSF08-02		NSFSF08-G02		NSFSF1/4-N02	NSFSF1/2-N01
NSFSF08-03		NSFSF08-G03		NSFSF5/16-N01	NSFSF1/2-N02
NSFSF10-02		NSFSF10-G02		NSFSF5/16-N02	NSFSF1/2-N03
NSFSF10-03		NSFSF10-G03		NSFSF5/16-N03	NSFSF1/2-N04



Thread(R) - Thread(R)		Thread(G) - Thread(G)		Thread(NPT) - Thread(NPT)	
NSFSS01-01		NSFSSG01-G01		NSFSSN01-N01	
NSFSS02-02		NSFSSG02-G02		NSFSSN02-N02	
NSFSS03-03		NSFSSG03-G03		NSFSSN03-N03	
NSFSS04-04		NSFSSG04-G04		NSFSSN04-N04	



Tube(Metric)	Tube(Inch)
NSF 04	NSF 1/8
NSF 06	NSF 5/32
NSF 08	NSF 3/16
NSF 10	NSF 1/4
NSF 12	NSF 5/16
	NSF 3/8
	NSF 1/2



Tube(Metric) - Thread(R)	
LNSEL-04-M5	LNSEL-08-03
LNSEL-04-M6	LNSEL-08-04
LNSEL-04-01	LNSEL-10-01
LNSEL-04-02	LNSEL-10-02
LNSEL-04-03	LNSEL-10-03
LNSEL-06-M5	LNSEL-10-04
LNSEL-06-M6	LNSEL-12-02
LNSEL-06-01	LNSEL-12-03
LNSEL-06-02	LNSEL-12-04
LNSEL-06-03	
LNSEL-08-01	
LNSEL-08-02	

# 阀类 / VALVES

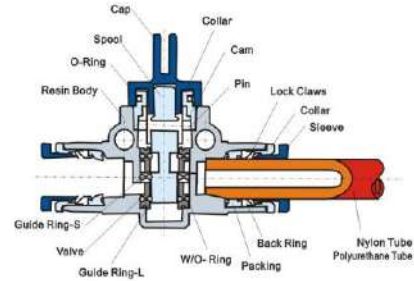
## 应用 Applications

- 用于接通压缩空气的开关。
- Used for switching compressed air.

## 特点 Features

- 只需转动手柄，便可轻松接通/切断气压驱动装置的压缩空气。
- 只有在消除装置内的剩余压力时，才能进行维护或者检修。
- 在关闭状态下，三通阀可释放剩余压力，并切断进气。
- 根据气压流动所采取的方法，共有四种类型可供选用。
- This product switches compressed air on/off of air pressure devices by simply turning the handle.
- Maintenance or inspection is possible when the remaining pressure in the device is removed.
- A three-way valve discharges the remaining pressure out, and blocks the incoming air in the off state.
- There are 4 types available depending on the method applied to air pressure flow.

## 结构图 Structural Diagram



## 使用范围 Specifications

- 流体类型：空气（不能是其他气体或液体）
- 工作压力：0-150PSI/0-9.9kgf/cm<sup>2</sup> (0-990kPa)
- 负压：-29.5in Hg/-750mmHg(-750 Torr)
- 工作温度：32-140° F/0-60°C
- 使用气管：聚氨酯和尼龙气管
- Fluid Type: Air (No other types of gases or liquids)
- Working Pressure Range: 0-150PSI / 0-9.9kgf/cm<sup>2</sup>(0-990kPa)
- Negative Pressure: -29.5 in Hg / -750mm Hg(10 Torr)
- Working Temperature: 32-140°F / 0-60°C
- Recommended tube material: Nylon Or Polyurethane

## 注意 CAUTION

- 当分离气管时空气被完全切断，只有当气管插入接头后空气才再次流通。
- Be sure to refer to Caution on Safety, Classification of Warning Indications, and Common Precaution of Fitting Products before use.

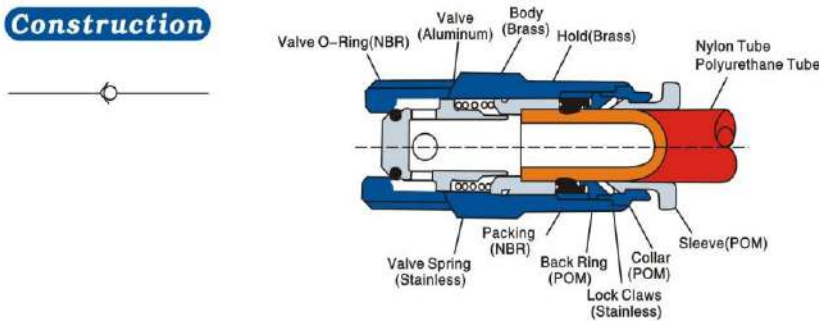
## 警告 WARNING

- 不要对主体或管接头施加冲击力和扭力。
- 在真空状态下使用，可能会因吸入的灰尘而导致操作错误，因此应当在入口一侧安装真空过滤器。
- 确保手柄旋转90°操作，否则流量可能不够。
- Do not force impact or rotation on the body or fitting section.
- Usage in vacuum state may cause operational errors due to drawn-in dust, so a vacuum filter should be attached at the intake side.
- Make sure that the handle lever operates at a full 90 otherwise, there may not be enough flow.

TUBE-TUBE	Tube(Metric)	Tube(Inch)	THREAD-THREAD	Thread(R) - Thread(R)	Thread(NPT)-Thread(NPT)	
<b>HVFF</b> 	HVFF06-06	HVFF1/4-1/4	<b>HVSS</b> 	HVSS01-01	HVSSN01-N01	
	HVFF08-06	HVFF5/16-1/4		HVSS02-01	HVSSN02-N01	
	HVFF08-08	HVFF5/16-5/16		HVSS02-02	HVSSN02-N02	
	HVFF10-08	HVFF3/8-5/16		HVSS03-02	HVSSN03-N02	
	HVFF10-10	HVFF3/8-3/8		HVSS03-03	HVSSN03-N03	
	HVFF12-10	HVFF1/2-3/8		HVSS04-03	HVSSN04-N03	
	HVFF12-12	HVFF1/2-1/2		HVSS04-04	HVSSN04-N04	
TUBE-THREAD	Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)	THREAD-TUBE	Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)	
<b>HVSF</b> 	HVSF06-01	HVSF1/4-N01	<b>HVFS</b> 	HVFS06-01	HVFS1/4-N01	
	HVSF06-02	HVSF1/4-N02		HVFS06-02	HVFS1/4-N02	
	HVSF06-03	HVSF1/4-N03		HVFS06-03	HVFS1/4-N03	
	HVSF08-01	HVSF5/16-N01		HVFS08-01	HVFS5/16-N01	
	HVSF08-02	HVSF5/16-N02		HVFS08-02	HVFS5/16-N02	
	HVSF08-03	HVSF5/16-N03		HVFS08-03	HVFS5/16-N03	
	HVSF10-02	HVSF3/8-N02		HVFS10-02	HVFS3/8-N02	
	HVSF10-03	HVSF3/8-N03		HVFS10-03	HVFS3/8-N03	
	HVSF12-03	HVSF1/2-N03		HVFS12-03	HVFS1/2-N03	
	HVSF12-04	HVSF1/2-N04		HVFS12-04	HVFS1/2-N04	

## CHECK VALVES

### Construction



#### MALE STRAIGHT

**PCVC**



Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)
PCVC04-M5	PCVC5/32-U10
PCVC04-M6	PCVC5/32-N01
PCVC04-01	PCVC1/4-U10
PCVC06-01	PCVC1/4-N01
PCVC06-02	PCVC1/4-N02
PCVC08-01	PCVC5/16-N01
PCVC08-02	PCVC5/16-N02

#### UNION STRAIGHT

**PCVU**



Tube(Metric)	Tube(Inch)
PCVU 04	PCVU5/32
PCVU 06	PCVU1/4
PCVU 08	PCVU5/16
PCVU 10	PCVU3/8
PCVU 12	PCVU1/2

#### MALE FEMALE

**PCVF**



Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)
PCVF01-01	PCVFN01-N01
PCVF02-02	PCVFN02-N02
PCVF03-03	PCVFN03-N03
PCVF04-04	PCVFN04-N04

#### FEMALE STRAIGHT

**PCFF**



Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)
PCFF01-01	PCFFN01-N01
PCFF02-02	PCFFN02-N02
PCFF03-03	PCFFN03-N03
PCFF04-04	PCFFN04-N04

## STOP VALVES

### Construction



#### MALE STRAIGHT

**SPC**



Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)
SPC06-02	SPC3/16-N02
SPC08-02	SPC1/4-N02
SPC08-03	SPC5/16-N02
SPC10-02	SPC5/16-N03
SPC10-03	SPC3/8-N03
SPC10-04	SPC3/8-N04
SPC12-03	SPC1/2-N03
SPC12-04	SPC1/2-N04

#### MALE STRAIGHT

**SPU**



Tube(Metric) - Thread(R)	Tube(Inch)-Thread(NPT)
PSPU-04	SPU-5/32
PSPU-06	SPU-3/16
PSPU-08	SPU-1/4
PSPU-10	SPU-5/16
PSPU-12	SPU-3/8
	SPU-1/2



### ⚠️ 警告和注意

- 请根据推荐应用使用产品。
- 此系列产品为专为饮用水、食品饮料行业而设计。如需应用于其他化学介质，请与我们联系确认。
- 请勿拆卸或修改产品，这可能会引起质量问题，如泄漏等，从而影响产品质保。
- 请勿在接头上施加额外压力，如旋转，扭曲，弯曲，打击等。这可能会损坏接头并引起质量问题，如泄漏等，从而影响产品质保。
- 使用温度请勿超过摄氏80度，这可能会引起泄漏，失效等质量问题。
- 请勿使用任何液体密封胶密封螺纹，只可使用特氟龙密封胶带。
- 在气管加压的情况下，请勿按压接头试图拔出气管。
- 可用锁定夹固定，以防意外脱落。
- 当紧固螺母时要注意扭矩，超过设定扭矩可能引发泄漏或失效。
- 在拆卸气管时请确认压力已经释放。
- 此系列产品会随时根据市场需求进行改进，所以实际产品可能会和你看到的图片存在差异。我们对此将不另行通知。

### ⚠️ WARNING AND PRECAUTION

- USE EACH PRODUCT ONLY FOR RECOMMENDED APPLICATIONS.
- FLOWFIT PRODUCTS ARE ORIGINALLY DESIGNED FOR USE WITH WATER, FOOD, OR BEVERAGE PRODUCTS. FOR OTHER CHEMICALS REFER TO CHEMICAL COMPATIBILITY DATA (CHART) PROVIDED. FOR UNLISTED CHEMICALS OR MEDIA PLEASE CONTACT US.
- DO NOT DISASSEMBLE OR MODIFY THE PRODUCTS. IT MAY CAUSE MALFUNCTION, LEAK, OR FAILURE AND VOIDS THE PRODUCT WARRANTY.
- DO NOT APPLY EXCESSIVE STRESS ON FITTING BY ROTATION, TWIST, BENDING, SHOCK. THIS MAY DAMAGE THE FITTING OR CAUSE MALFUNCTION, LEAK, OR FAILURE AND VOIDS THE PRODUCT WARRANTY.
- DO NOT USE THE PRODUCTS AT THE TEMPERATURE EXCEEDING 80°C. THIS MAY CAUSE MALFUNCTION, LEAK, OR FAILURE.
- DO NOT USE PIPE GLUE OR OTHER LIQUID SEALANTS OTHER THAN TEFLON TAPE WHEN SEALING THREADED FITTINGS.
- DO NOT PRESS COLLET TOWARD BODY OR ATTEMPT TO PULL OUT TUBING WHEN THE LINE IS PRESSURED.
- USE LOCKING CLIPS TO PREVENT UNINTENDED SEPARATION.
- WHEN TIGHTENING THREADED FITTINGS, REFER TO TORQUE DATA PROVIDED. OVER-TORQUE MAY DAMAGE THE FITTING AND CAUSE LEAK OR FAILURE.
- BEFORE DISASSEMBLING TUBE CONNECTION, VERIFY IF THE LINE PRESSURE HAS BEEN REMOVED.
- FLOWFIT PRODUCTS MAY BE MODIFIED OR REDESIGNED AS TO MARKET REQUIREMENT FOR IMPROVEMENT WITHOUT NOTICE.
- THEREFORE THE ACTUAL PRODUCT MAY DIFFER FROM PICTURES PROVIDED.

## 净水接头/Fittings For Water Application

### 应用与特点

- 此类产品专为水，食品和空气接触设计，但是也可用于其他一些气体，真空和液体。
- 只需要一步就能简单连接或分离气管，节省时间和费用。
- 此系列产品由NSF认证的无毒材料制作。
- 根据使用者的环境和应用提供多种选择。

### Applications and Features PUSH-IN FITTINGS

- Fluidfit products are designed for water, food and air contact but can be used with selected gases, vacuum & liquids.
- A single action allows the tube to release and connect easily, saving time and expense.
- Fluidfit products are made from NSF approved non-toxic materials.
- Various uses depending on the user's environment and a application

### 使用范围 Specifications

- 流体类型：水、饮料
- 工作压力：0-230PSI/0-16kgf/cm<sup>2</sup>
- 工作温度：34~140° F/0-60°C
- 管道类型：聚乙烯(PE)、聚酰胺(PA)、聚氨酯(PU)
- 参考数据（见右表）
- Fluid Type: Water
- Working Pressure Range: 0-230PSI/0-16kgf/cm<sup>2</sup>
- Negative Pressure: 34~140° F/0-60°C
- Recommended tube material: PE, PA, PU

### 参考数据 Reference data

流体类型	水，饮料	
管道类型	聚乙烯、聚酰胺、聚氨酯	
温 度	工作压力	
	4mm~8mm	10mm~12mm
1°C	16Bar	10Bar
25°C	16Bar	10Bar
70°C	16Bar	7Bar

### 最大扭矩

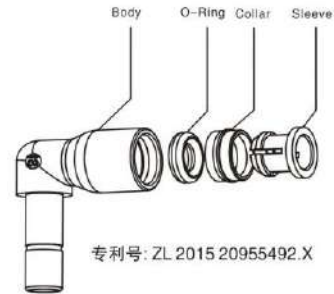
#### BSP、BSPT及NPT塑料螺纹

螺纹尺寸	1/8	1/4	3/8	1/2
最大扭矩	1.5Nm	1.5Nm	3.0Nm	3.0Nm

### 结构图 Structural Diagram

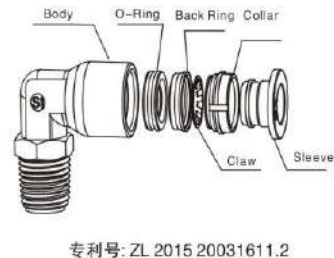
#### S TYPE

CLAW TYPE: GENERAL CLAW  
锁管类型：普通瓜子型



#### A TYPE

CLAW TYPE: AIR FITTING LOCK  
锁管类型：气动弹簧型



Improve The Pressure Holding

Avoid Leakage

### 产品编码系统 Product Code System

#### INCH-NPT

**SC 1/4 - N01**

Fitting for  
Water  
Application

Tube Dia

CODE SIZE

1/4 Ø1/4

3/8 Ø3/8

Thread Size

NPT THREAD

CODE SIZE

N01 NPT1/8

N02 NPT1/4

N03 NPT3/8

N04 NPT1/2

#### INCH-BSPT(R)

**SC 1/4 - R01**

Fitting for  
Water  
Application

Tube Dia

CODE SIZE

1/4 Ø1/4

3/8 Ø3/8

Thread Size

R(P) THREAD

CODE SIZE

R01 R1/8

R02 R1/4

R03 R3/8

R04 R1/2

## 净水接头/Fittings For Water Application

<p><b>MALE STRAIGHT</b></p> <p><b>SC</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>SC1/4-01(R/N)</p> <p>SC1/4-02(R/N)</p> <p>SC1/4-03(R/N)</p> <p>SC1/4-04(R/N)</p> <p>SC3/8-02(R/N)</p>	<p><b>FEMALE STRAIGHT</b></p> <p><b>SCF</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>SCF1/4-01(R/N)</p> <p>SCF1/4-02(R/N)</p> <p>SCF1/4-03(R/N)</p> <p>SCF1/4-04(R/N)</p> <p>SCF3/8-02(R/N)</p>
<p><b>MALE ELBOW</b></p> <p><b>SL</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>SL1/4-01(R/N)</p> <p>SL1/4-02(R/N)</p> <p>SL1/4-03(R/N)</p> <p>SL1/4-04(R/N)</p> <p>SL3/8-02(R/N)</p>	<p><b>MALE BRANCH TEE</b></p> <p><b>SB</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>SB1/4-01(R/N)</p> <p>SB1/4-02(R/N)</p> <p>SB1/4-03(R/N)</p> <p>SB1/4-04(R/N)</p> <p>SB3/8-02(R/N)</p>
<p><b>MALE STRAIGHT</b></p> <p><b>SU</b></p> 	<p><b>Tube(Inch)</b></p> <p>SU 1/4</p> <p>SU 3/8</p>	<p><b>BULKHEAD UNION</b></p> <p><b>SMM</b></p> 	<p><b>Tube(Inch)</b></p> <p>SMM 1/4</p> <p>SMM 3/8</p>
<p><b>UNION REDUCER</b></p> <p><b>SG</b></p> 	<p><b>Tube(Inch)</b></p> <p>SG 1/4-3/8</p>	<p><b>UNION ELBOW</b></p> <p><b>SV</b></p> 	<p><b>Tube(Inch)</b></p> <p>SV 1/4</p> <p>SV 3/8</p>
<p><b>REDUCER ELBOW</b></p> <p><b>SVG</b></p> 	<p><b>Tube(Inch)</b></p> <p>SVG1/4-3/8</p>	<p><b>UNION Y</b></p> <p><b>SY</b></p> 	<p><b>Tube(Inch)</b></p> <p>SY 1/4</p> <p>SY 3/8</p>
<p><b>UNION T</b></p> <p><b>SE</b></p> 	<p><b>Tube(Inch)</b></p> <p>SE 1/4</p> <p>SE 3/8</p>	<p><b>PLUG IN ELBOW</b></p> <p><b>SLJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>SLJ 1/4</p> <p>SLJ 3/8</p>
<p><b>PLUG IN RUN TEE</b></p> <p><b>SDJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>SDJ1/4-1/4</p> <p>SDJ3/8-3/8</p>	<p><b>PLUG IN TEE</b></p> <p><b>SBJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>SBJ1/4-1/4</p> <p>SBJ3/8-3/8</p>

## 净水接头/Fittings For Water Application

<p><b>MALE STRAIGHT</b></p> <p><b>AC</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>AC1/4-01(R/N)</p> <p>AC1/4-02(R/N)</p> <p>AC1/4-03(R/N)</p> <p>AC1/4-04(R/N)</p> <p>AC3/8-02(R/N)</p>	<p><b>FEMALE STRAIGHT</b></p> <p><b>ACF</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>ACF1/4-01(R/N)</p> <p>ACF1/4-02(R/N)</p> <p>ACF1/4-03(R/N)</p> <p>ACF1/4-04(R/N)</p> <p>ACF3/8-02(R/N)</p>
<p><b>MALE ELBOW</b></p> <p><b>AL</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>AL1/4-01(R/N)</p> <p>AL1/4-02(R/N)</p> <p>AL1/4-03(R/N)</p> <p>AL1/4-04(R/N)</p> <p>AL3/8-02(R/N)</p>	<p><b>MALE BRANCH TEE</b></p> <p><b>AB</b></p> 	<p><b>Tube(Inch) - Thread(R/NPT)</b></p> <p>AB1/4-01(R/N)</p> <p>AB1/4-02(R/N)</p> <p>AB1/4-03(R/N)</p> <p>AB1/4-04(R/N)</p> <p>AB3/8-02(R/N)</p>
<p><b>MALE STRAIGHT</b></p> <p><b>AU</b></p> 	<p><b>Tube(Inch)</b></p> <p>AU 1/4</p> <p>AU 3/8</p>	<p><b>BULKHEAD UNION</b></p> <p><b>AMM</b></p> 	<p><b>Tube(Inch)</b></p> <p>AMM 1/4</p> <p>AMM 3/8</p>
<p><b>UNION REDUCER</b></p> <p><b>AG</b></p> 	<p><b>Tube(Inch)</b></p> <p>AG 1/4-3/8</p>	<p><b>UNION ELBOW</b></p> <p><b>AV</b></p> 	<p><b>Tube(Inch)</b></p> <p>AV 1/4</p> <p>AV 3/8</p>
<p><b>REDUCER ELBOW</b></p> <p><b>AVG</b></p> 	<p><b>Tube(Inch)</b></p> <p>AVG1/4-3/8</p>	<p><b>UNION Y</b></p> <p><b>AY</b></p> 	<p><b>Tube(Inch)</b></p> <p>AY 1/4</p> <p>AY 3/8</p>
<p><b>UNION T</b></p> <p><b>AE</b></p> 	<p><b>Tube(Inch)</b></p> <p>AE 1/4</p> <p>AE 3/8</p>	<p><b>PLUG IN ELBOW</b></p> <p><b>ALJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>ALJ 1/4</p> <p>ALJ 3/8</p>
<p><b>PLUG IN RUN TEE</b></p> <p><b>ADJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>ADJ1/4-1/4</p> <p>ADJ3/8-3/8</p>	<p><b>PLUG IN TEE</b></p> <p><b>ABJ</b></p> 	<p><b>Tube(Inch)</b></p> <p>ABJ1/4-1/4</p> <p>ABJ3/8-3/8</p>



## 净水阀类 / Valves For Water Application

<b>HAND VALVE</b> <b>SVEU</b> 	<b>Tube(Inch)</b> SVEU 1/4 SVEU 3/8	<b>SIDE THREAD HAND VALVE</b> <b>SVEM</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> SVEM1/4-02(R/N) SVEM3/8-02(R/N)
<b>SIDE THREAD HAND VALVE</b> <b>SVEF</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> SVEF1/4-02(R/N)	<b>SERVICE VALVE</b> <b>SFB</b> 	<b>Tube(Inch)</b> SFB1/4 - 300 SFB1/4 - 400 SFB1/4 - 600
<b>MALE STRAIGHT</b> <b>SMF</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> SMF1/4-04	<b>CHECK VALVE</b> <b>SCVU</b> 	<b>Tube(Inch)</b> SCVU 1/4 SCVU 3/8
<b>ELBOW CHECK VALVE</b> <b>SLVU</b> 	<b>Tube(Inch)</b> SLVU1/4 SLVU3/8	<b>HAND VALVE</b> <b>AVEU</b> 	<b>Tube(Inch)</b> AVEU 1/4 AVEU 3/8
<b>SIDE THREAD HAND VALVE</b> <b>AVEM</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> AVEM1/4-02(R/N) AVEM3/8-02(R/N)	<b>SIDE THREAD HAND VALVE</b> <b>AVEF</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> AVEF1/4-02(R/N)
<b>SERVICE VALVE</b> <b>AFB</b> 	<b>Tube(Inch)</b> AFB1/4 - 300 AFB1/4 - 400 AFB1/4 - 600	<b>MALE STRAIGHT</b> <b>AMF</b> 	<b>Tube(Inch) - Thread(R/NPT)</b> AMF1/4-1/2
<b>CHECK VALVE</b> <b>ACVU</b> 	<b>Tube(Inch)</b> ACVU1/4 ACVU3/8	<b>ELBOW CHECK VALVE</b> <b>ALVU</b> 	<b>Tube(Inch)</b> ALVU1/4 ALVU3/8

## 净水开关/ Switches For Water Application

<b>LOW TENSION SWITCH</b> <b>SDY</b> 	<b>Tube(Inch)</b> SDY1/4(5 TUBE)	<b>HIGHTENSION SWITCH</b> <b>SGY</b> 	<b>Tube(Inch)</b> SGY1/4(4 TUBE)
<b>LOW TENSION SWITCH</b> <b>ADY</b> 	<b>Tube(Inch)</b> ADY1/4(5 TUBE)	<b>HIGHTENSION SWITCH</b> <b>AGY</b> 	<b>Tube(Inch)</b> AGY1/4(4 TUBE)