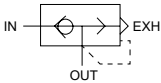


系列 Series	名称 Component	页码 Page No.
KAQ	快速排气阀 Quick Exhaust Valve	4.01
KAS	管道限流器(金属) In-line Speed Controller (Metal)	4.02
KSNS	压力开关 Pressure Switch	4.03
KP43	数显型压力开关 Pressure Switch with Digital Display	4.04
KP47	数显型压力开关 Pressure Switch with Digital Display	4.07
AC/AD/ACD	油压缓冲器 Shock Absorber	4.10
P□□	快速管接头 One-touch Fittings	4.19
P□□-C	迷你快速管接头 Compact One-touch Fittings	4.25
NSE, NSF	气缸限流器 Speed Controller	4.27
PCV□	单向阀 Check Valve	4.28
N□□□	旋转接头 Rotary Joints	4.29
B□□□	2通截止阀 Ball Valve	4.30
SP□	内置封闭快速管接头 Stop Fittings	4.31
B□□□	组合式接头 Main Block	4.32
HV□□	2位3通释放阀 Hand Valve	4.33
E□□□	消音器 Silencer	4.34
KPU	聚氨酯管 Polyurethane Tubing	4.35
TRBU	难燃性双层聚氨酯管 (等同UL-94 V-0标准) Flame Resistant Double-layer Polyurethane Tubing (Equivalent to V-0 of Standard UL-94)	4.36
KNY12	尼龙管 (尼龙12) Nylon Tubing (Nylon 12)	4.37
PTFE	铁氟龙管(聚四氟乙烯) PTFE Tubing	4.38
MP□□	金属快插接头 Metal Push-in Fittings	4.39
MN□□	金属限流接头 Metal Speed Controller	4.43
R□□□	金属快拧接头 (连接塑料管) Metal Rapid Fittings for PC Tubing	4.44
Q□□□	金属卡套接头 Metal Pipe Joint Fittings	4.46
P□□□	金属管道接头 Metal Pipe Fittings	4.47
E□□□/N□□□	金属气动单开闭快速接头 Pneumatic Single Shut-off Couplings	4.49
E□□□	不锈钢双卡套接头 Stainless Steel Two-Ferrule Design Pipe Joint Fittings	4.52

快速排气阀 Quick Exhaust Valve Series **KAQ 2000~5000**



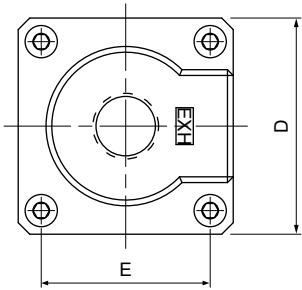
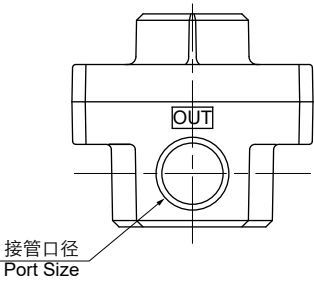
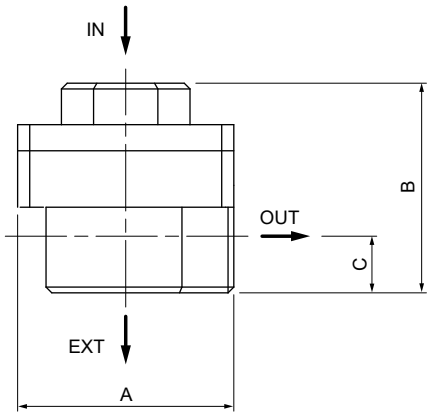
KAQ2000-02

规格 Specifications

型号 Model	KAQ 2000~5000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
最高使用压力 Maximum operating pressure	1.0 MPa
最低使用压力 Minimum operating pressure	0.1 MPa
保证耐压力 Proof pressure	1.5 MPa
环境及流体温度 Ambient and fluid temperature	5~60°C

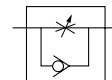
型号 Model	接管口径 Port size Rc(PT)	有效截面积 Effective sectional area (mm ²)	
		入 - 出 In-Out	出 - 排气 Out-Exhaust
KAQ2000-02	1/4	35	40
KAQ3000-03	3/8	60	70
KAQ4000-04	1/2	105	115
KAQ5000-06	3/4	135	180
KAQ5000-10	1	176	187

外形尺寸图 Dimensions (mm)



型号 Model	接管口径 Port size Rc(PT)	A	B	C	D	E
KAQ2000-02	1/4	45	10	40	45	35
KAQ3000-03	3/8	56	15	55	56	44
KAQ4000-04	1/2	56	15	55	56	44
KAQ5000-06/10	3/4, 1	80	18	71	80	58

管道限流器(金属) In-line Speed Controller (Metal) Series KAS 2000~6000



规格 Specifications

型号 Model	KAS 2000~6000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
最高使用压力 Maximum operating pressure	1.0 MPa
最低使用压力 Minimum operating pressure	0.05 MPa
保证耐压力 Proof pressure	1.5 MPa
环境及流体温度 Ambient and fluid temperature	5~60°C
调整流量转数 No. of needle rotation turns	8 (KAS 2000~4000)



KAS2000-02



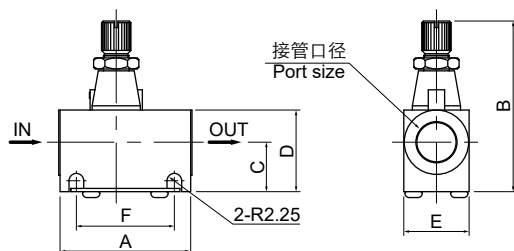
KAS4000-04

型号 Model	接管口径 Port size Rc(PT)	自由流量 Free flow		控制流量 Control flow	
		* 流量 Flow rate (l/min)	有效截面积 Effective sectional area (mm ²)	* 流量 Flow rate (l/min)	有效截面积 Effective sectional area (mm ²)
KAS2000-01	1/8	340	5.2	250	3.8
KAS2000-02	1/4	340	5.2	250	3.8
KAS4000-02	1/4	1670	25.5	1670	25.5
KAS4000-03	3/8	1670	25.5	1670	25.5
KAS4000-04	1/2	1670	25.5	1670	25.5
KAS5000-04	1/2	-	106	-	116
KAS5000-06	3/4	-	123	-	154
KAS6000-06	3/4	-	151	-	164
KAS6000-10	1	-	258	-	230

* 进气压力为 0.5MPa, 流体温度 20°C 的情况下。
At supply pressure 0.5 MPa and fluid temperature 20°C .

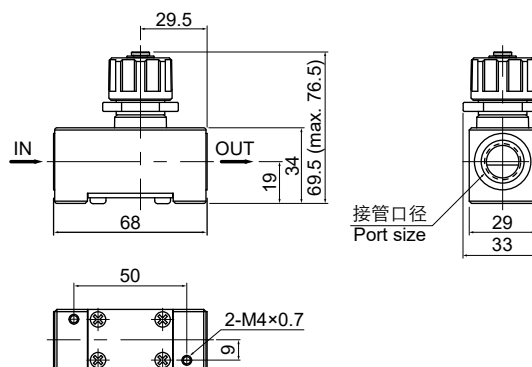
外形尺寸图 Dimensions (mm)

KAS2000

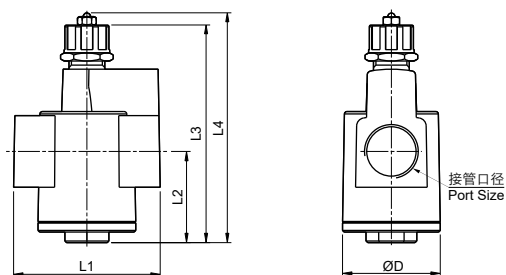


型号 Model	接管口径 Port size Rc(PT)	A	B	C	D	E	F
KAS2000-01	1/8	40	51	15	21.5	16	30
KAS2000-02	1/4	40	53	17	25	20	30

KAS4000



KAS5000, KAS6000



型号 Model	接管口径 Port size Rc(PT)	D	L1	L2	L3	L4
KAS5000-04/06	1/2, 3/4	48	74	43	105	115
KAS6000-06/10	3/4, 1	60	90	56	148	158

压力开关 Pressure Switch Series KSNS

规格 Specifications



型号 Model	接管口径 Port size	环境温度 Ambient temperature	*2) 流体温度 Fluid temperature	设定压力范围 Setting pressure range (MPa)		压差调整范围 Regulating range of pressure difference (MPa)		初始设定值 Factory settings (MPa)		耐压力 Proof pressure (MPa)	安装 Mounting
				最低 Min.	最高 Max.	最低 Min.	最高 Max.	OFF (ON)	ON (OFF)		
KSNS-C103	*1) Rc(PT) 1/4	-10~65°C	-10~120°C	-0.07	0.3	0.04	0.2	0.15	0.3	1.7	提供 安装板 Mounting bracket supplied
KSNS-C106				-0.07	0.6	0.06	0.4	0.3	0.2	1.7	
KSNS-C110				0.1	1.0	0.1	0.3	0.6	0.5	1.7	
KSNS-C120				0.5	2.0	0.2	0.4	1.2	1.05	3.3	
KSNS-C130				0.5	3.0	0.5	1.0	2.0	1.5	3.3	

*1) 可另外选择英制螺纹 (7/16~20UNF), 型号后加注 "-N".

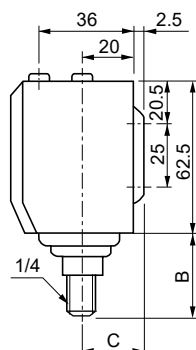
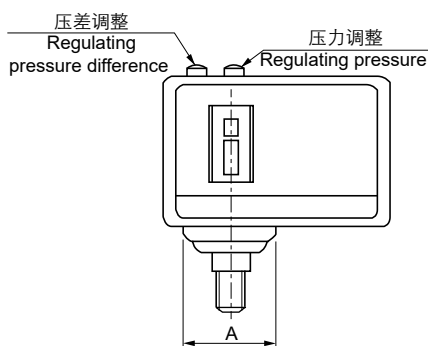
Inch thread (7/16~20UNF) available with "-N" added after the order number.

*2) 可使用在气压或液压冷冻冷却装置。Can be used on pneumatic or hydraulic refrigerating installations.

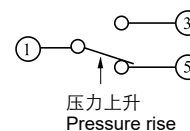
电气规格 Electrical Specifications

额定电压 Rated voltage (V)	COSØ	125/250 VAC
额定电流 Rated current (A)	1	12
感应电流 Inductive current (A)	0.75	12
	0.45	72

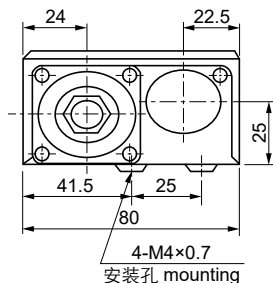
外形尺寸图 Dimensions (mm)



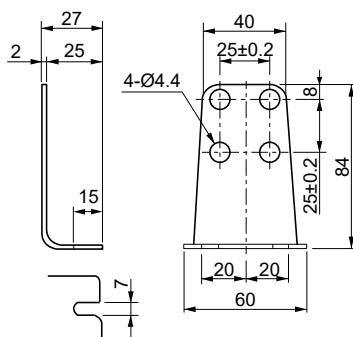
触点形式 Contact Form



1	共接端 Common terminal
3	压力上升接点 Close on pressure increase
5	压力下降接点 Close on pressure decrease



安装板 Mounting Bracket



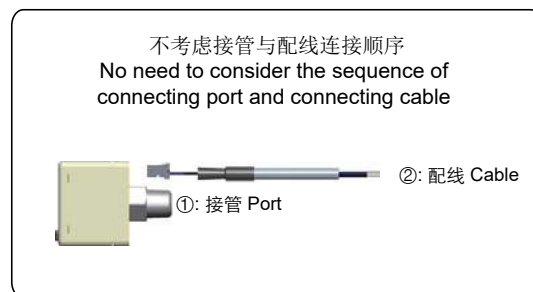
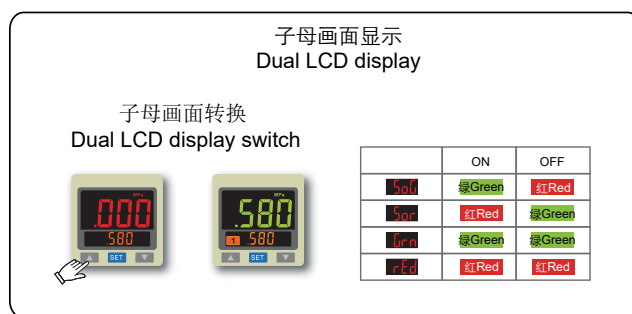
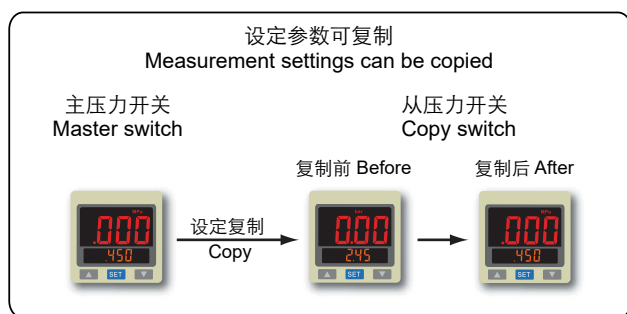
型号 Model	A	B	C
KSNS-C103	38.5	38.9	22.4
KSNS-C106	34.4	36	22.4
KSNS-C110			
KSNS-C120	22	32.7	18.5
KSNS-C130			

数显型压力开关 Pressure Switch with Digital Display Series **KP43**

特性 Features



- 三色数位 LCD 显示，易于判读。
3-color digital LCD display for easy readout.
- 可变换压力单位 kPa, MPa, kgf/cm², bar, psi, InHg, mmHg。
Programmable pressure units: kPa, MPa, kgf/cm², bar, psi, InHg, mmHg.
- 参数复制功能。Measurement settings can be copied.
- LCD 子母画面显示可以显示设定值。
Dual LCD display allows setting values to be displayed.
- 锁键显示。Key lock indicator.
- 2 NPN 或 2 PNP 输出，模拟输出 1~5V 或 4~20mA。
2 NPN or 2 PNP output, analog output 1~5 V or 4~20 mA.



型号表示方法 How to Order

KP43 P - 011 - F1

压力范围分类
Pressure scope

P	正压 Positive
V	负压 Vacuum
C	连成压 Compound

接管口径
Port size

F1	Rc(PT)1/8, M5
F2	1/8NPT, 10~32UNF
F3	G1/8, M5

输出类型 Output

010	2 NPN 输出 & 1 模拟电压输出 (1~5V) 2 NPN output & 1 analog voltage output (1~5V)
011	2 NPN 输出 & 1 模拟电流输出 (4~20mA) 2 NPN output & 1 analog current output (4~20mA)
02	2 NPN 输出 & 复制功能 2 NPN output & copy
030	2 PNP 输出 & 1 模拟电压输出 (1~5V) 2 PNP output & 1 analog voltage output (1~5V)
031	2 PNP 输出 & 1 模拟电流输出 (4~20mA) 2 PNP output & 1 analog current output (4~20mA)
04	2 PNP 输出 & 复制功能 2 PNP output & copy

数显型压力开关

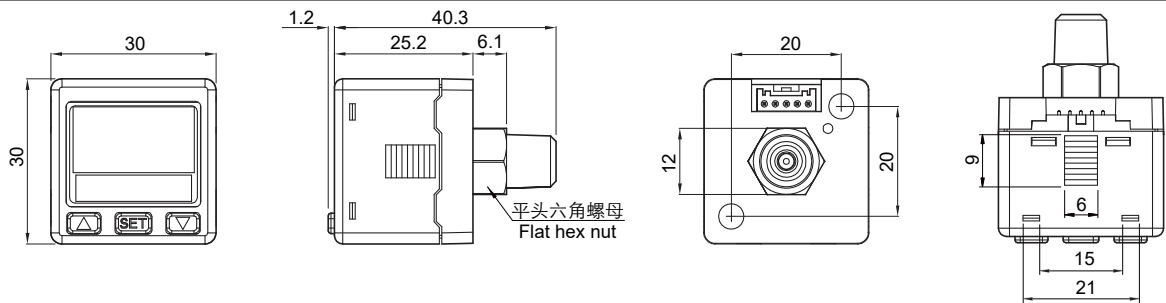
Pressure Switch with Digital Display

Series KP43

规格 Specifications

型号 Model		KP43P 正压 Positive	KP43V 负压 Vacuum	KP43C 连成压 Compound
设定压力范围 Setting pressure range		-0.1~1.0 MPa	-101.3~10 KPa	-101~101 KPa
设定压力精度 Setting pressure resolution		0.001 MPa	0.1 KPa	
保证耐压力 Proof pressure		1.5 MPa	300 KPa	
流体 Fluid		空气，非腐蚀性且不可燃气体 Air, neither corrosive nor flammable gas		
电压 Voltage		12~24 VDC ±10% (波动度 Ripple (p-p) ≤ 10%)		
电流消耗 Current consumption		≤ 40 mA (无负载 unloaded)		
开关输出 Switch output		最大负载电流 Max. load current:125 mA 最大供应电压 Max. supply voltage:30 VDC (NPN), 24 VDC (PNP) 残留压降 Residual voltage: ≤ 1.5 V		
重复精度 Repeatability		≤ ±0.2% F.S. (±1 单位 ±1 digit)		
应差 Hysteresis		可调 1~8 个单位 (仅单点设定模式和窗口比较模式) Adjustable within 1~8 digits for one point setting mode and window comparison mode		
反应时间 Response time		≤ 2.5 ms (预防误动作功能可选 chattering-proof function options: 25 ms, 100 ms, 250 ms, 500 ms,1000 ms, 1500 ms)		
短路保护 Short circuit protection		有 Yes		
显示 Display		红 / 绿 / 橙 3 色 LED 显示 (取样率 5 次 / 秒) red / green / orange 3-color LED display (sampling cycle: 5 times/s)		
显示精度 Display accuracy		≤ ± 2% F.S. (±1 单位 ±1 digit) (环境温度 ambient temperature: 25±3℃)		
动作提示灯 Switch ON indicator		橙色 1&2 指示灯 Orange 1&2 indicator OUT1/OUT2		
模拟输出 Analog output	电压 Voltage	1~5 V ≤ ±2.5% F.S. (额定压力范围 within rated pressure range) 线性 Linearity ≤ ±1% F.S. 输出阻抗 Output impedance ≈ 1 KΩ		
	电流 Current	4~20 mA ≤ ±2.5% F.S. (额定压力范围 within rated pressure range) 线性 Linearity ≤ ±1% F.S. 最大负载阻抗 Max. load impedance: 300 Ω (12V) / 600 Ω (24V) 最小负载阻抗 Min. load impedance: 50 Ω		
防护等级 Enclosure		IP40		
环境温度 Ambient temperature		操作 Operation: 0~50℃ 保存 Storage: -10~60℃ (无凝结及冻结 no condensation or freezing)		
环境湿度 Ambient humidity		操作 / 保存 Operation/storage: 35~85% RH (无凝结 no condensation)		
耐电压 Proof voltage		1000 VAC 1 分钟 in 1 minute (引线及外壳间 between case and lead wire)		
阻抗绝缘 Insulation resistance		≥ 50 MΩ (500 VDC) (引线及外壳间 between case and lead wire)		
耐振动 Vibration resistance		复振幅 1.5mm, 10HZ~55HZ~10HZ/min, X/Y/Z 每个方向各 2 个小时 Complex amplitude 1.5mm, 10HZ~55HZ~10HZ/min, 2 hours in each direction of X/Y/Z		
耐冲击 Shock resistance		100 m/s² (10G), X/Y/Z 每个方向各 3 次 3 times in each direction of X/Y/Z		
温度特性 Temperature characteristic		≤ ±2.5% F.S. 比较参考温度 25℃ (0~50℃温度范围内) ≤ ±2.5% F.S. of detected temperature 25℃ (at temperature range of 0~50℃)		
电源线 Cable		耐油 PVC 电线 Oil-resistance PVC cable (0.15mm²)		

外形尺寸图 Dimensions (mm)

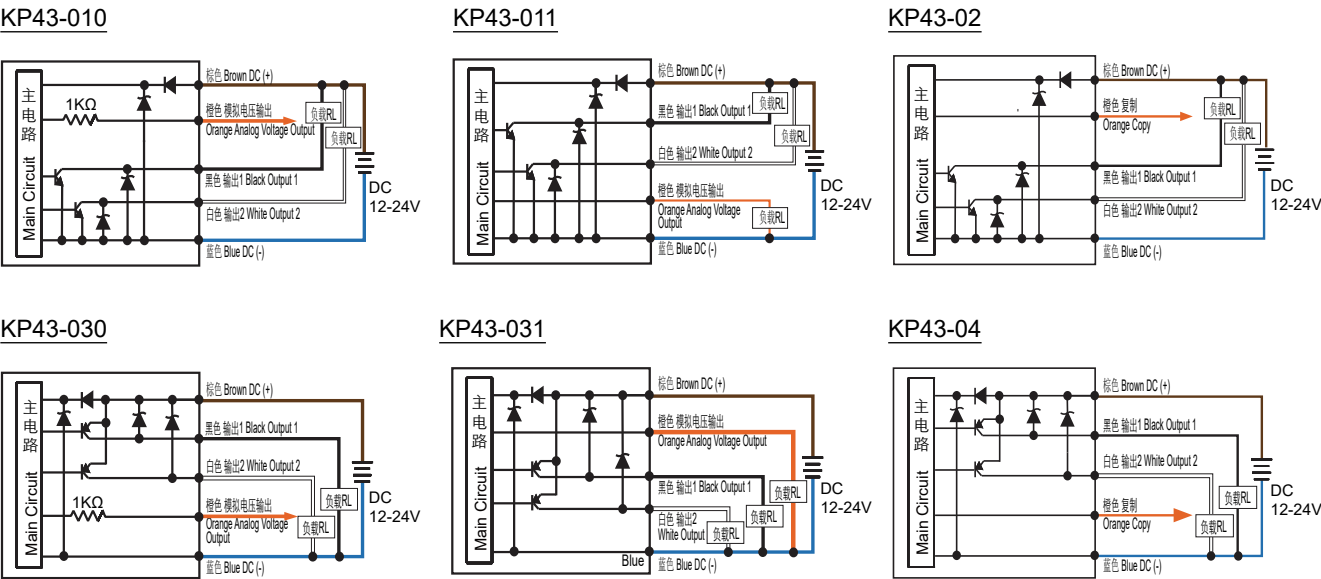


数显型压力开关

Pressure Switch with Digital Display

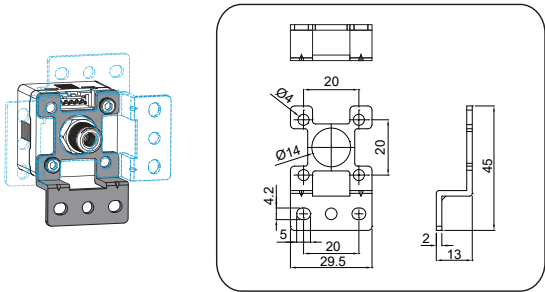
Series *KP43*

输出电路和接线图 Output Circuit and Wiring Diagram

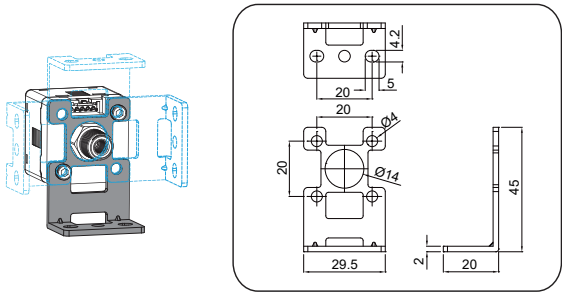


选配件尺寸图 Dimensions of Optional Accessories (mm)

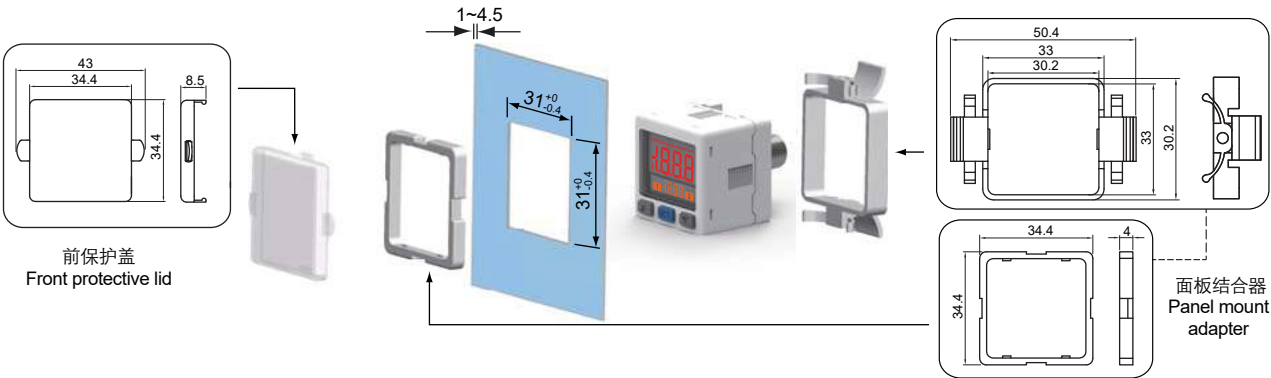
固定架Mounting bracket BT-12



固定架Mounting bracket BT-13



面板接合器+前保护盖 Panel mount adapter + Front protective lid PA-D

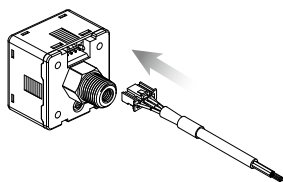




特性 Features

- 三色数位 LCD 显示。
3-color digital LCD display.
- 子母视窗，4 位数七段 LCD 显示。
Main/Sub-Display, 4 digits 7 segment LCD display.
- 可转换压力单位 kPa, MPa, kgf/cm², bar, psi, InHg, mmHg。
Programmable pressure units: kPa, MPa, kgf/cm², bar, psi, InHg, mmHg.
- 参数数值可直接显示于子画面。
Dual LCD display allows setting value to be displayed.
- 锁键显示。Key lock indicator.
- 省电模式。Power saving mode.
- 微调模式。Fine adjustment mode.

产品快速安装 Quick installation



设定压力易于辨识 Setting value easy indication

子母画面显示
Main/Sub-display



母画面
Main display
子画面
Sub display

母画面双色显示 2-color main display

- 双色显示可凸显出不同设定状态，可以更改设定内容及背光显示方式。User programmable color mode, for different setting conditions.



	SoL	SoP	Grn	Red
ON	Green	Red	Green	Red
OFF	Red	Green	Green	Red

OPS 快速设定 OPS quick setting

- 双画面显示可直接设定参数，步骤减少3/4。
Sub-display allows changing the parameter directly, reduce setting step by 3/4.

上/下键及时设定
Up/Down quick setting



设定完成后
Finished setting



单位利于辨识 Easy unit identification

mmHg InHg psi bar kgf/cm² MPa kPa



型号表示方法 How to Order

KP47 P - 01 - F1

压力范围分类
Pressure scope

P	正压 Positive
C	连成压 Compound
V	负压 Vacuum

接管口径
Port size

F1	Rc(PT)1/8, M5
F2	1/8NPT, 10~32UNF
F3	G1/8, M5
M5	M5 内螺纹 female

输出类型 Output

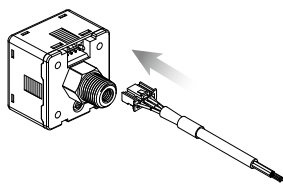
01	1 NPN 输出 & 模拟电压输出 (1~5V) 1 NPN output & analog voltage output (1~5V)
02	2 NPN 输出 2 NPN output
03	1 PNP 输出 & 模拟电压输出 (1~5V) 1 PNP output & analog voltage output (1~5V)
04	2 PNP 输出 2 PNP output



特性 Features

- 三色数位 LCD 显示。
3-color digital LCD display.
- 子母视窗，4 位数七段 LCD 显示。
Main/Sub-Display, 4 digits 7 segment LCD display.
- 可转换压力单位 kPa, MPa, kgf/cm², bar, psi, InHg, mmHg。
Programmable pressure units: kPa, MPa, kgf/cm², bar, psi, InHg, mmHg.
- 参数数值可直接显示于子画面。
Dual LCD display allows setting value to be displayed.
- 锁键显示。Key lock indicator.
- 省电模式。Power saving mode.
- 微调模式。Fine adjustment mode.

产品快速安装 Quick installation



设定压力易于辨识 Setting value easy indication

子母画面显示
Main/Sub-display



母画面
Main display
子画面
Sub display

母画面双色显示 2-color main display

- 双色显示可凸显出不同设定状态，可以更改设定内容及背光显示方式。User programmable color mode, for different setting conditions.



	SoL	SoP	Grn	Red
ON	Green	Red	Green	Red
OFF	Red	Green	Green	Red

OPS 快速设定 OPS quick setting

- 双画面显示可直接设定参数，步骤减少3/4。
Sub-display allows changing the parameter directly, reduce setting step by 3/4.

上/下键及时设定
Up/Down quick setting



设定完成后
Finished setting



单位利于辨识 Easy unit identification

mmHg InHg psi bar kgf/cm² MPa kPa



型号表示方法 How to Order

KP47 P - 01 - F1

压力范围分类
Pressure scope

P	正压 Positive
C	连成压 Compound
V	负压 Vacuum

接管口径
Port size

F1	Rc(PT)1/8, M5
F2	1/8NPT, 10~32UNF
F3	G1/8, M5
M5	M5 内螺纹 female

输出类型 Output

01	1 NPN 输出 & 模拟电压输出 (1~5V) 1 NPN output & analog voltage output (1~5V)
02	2 NPN 输出 2 NPN output
03	1 PNP 输出 & 模拟电压输出 (1~5V) 1 PNP output & analog voltage output (1~5V)
04	2 PNP 输出 2 PNP output

Series KP47

油压缓冲器 Shock Absorber Series AC/AD/ACD



AC
M6, M8, M10, M12
多孔固定式小型
自动补偿
Multi-hole Non-adjustable
Small Size
Self-compensation



AC
M14, M20, M25, M36
多孔固定式
自动补偿
Multi-hole Non-adjustable
Self-compensation



AC-S
M8, M10, M14, M20, M27
多孔固定式适用高频操作
自动补偿
Multi-hole Non-adjustable
for High Frequency Operation
Self-compensation



AD
M14, M20, M25, M36
可调整式
Adjustable



AD
M42, M64
可调整式重型
Adjustable
Heavy

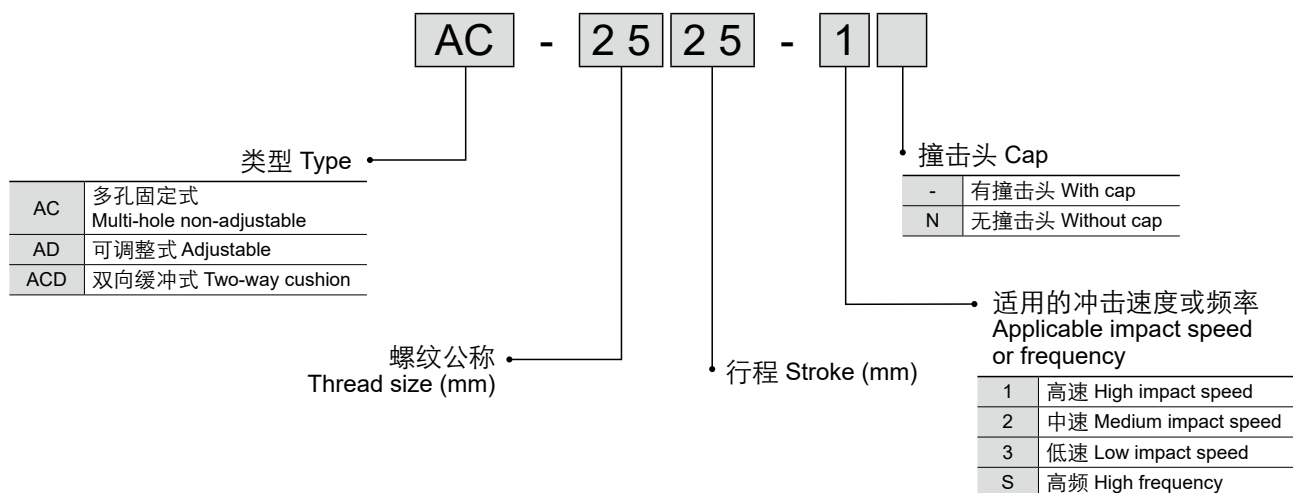


ACD
M20
双向缓冲式
自动补偿
Two-way Cushion
Self-compensation



定位停止螺帽 &
安装法兰
Stopper collar &
Mounting flange

型号表示方法 How to Order

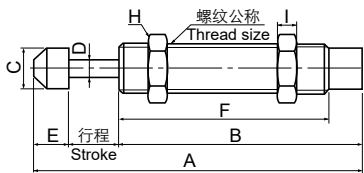


油压缓冲器
Shock Absorber
Series AC/AD/ACD

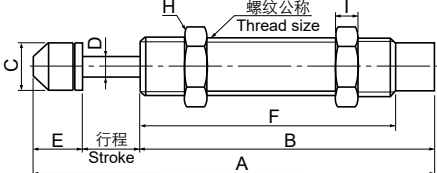
规格和尺寸 Specifications and Dimensions

AC多孔固定式 Multi-hole non-adjustable

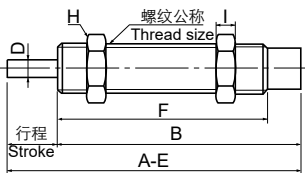
M6, M8, M10, M12
有撞击头With cap



M14, M20, M25 (AC-2525)
有撞击头With cap



无撞击头Without cap



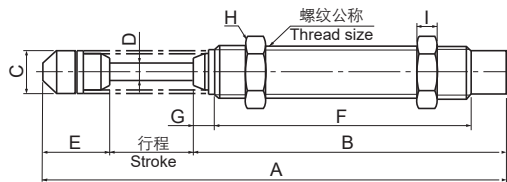
型号 Model	螺纹公称 Thread size	行程 Stroke (mm)	每次最大 吸收能量 Max. energy absorption per cycle (Nm)	每小时最大 吸收能量 Max. energy absorption per hour (Nm)	最大有效 重量 Max. effective weight (kg)	最大撞击 速度 Max. impact speed (m/s)	工作温度 Operating temperature	尺寸 Dimensions (mm)							
								A	B	C	D	E	F	H	I
AC-0604-1	M6x0.75	4	1.8	6480	0.4	2	-10~85℃	33	25	4.6	1.8	4	20.5	8	2
AC-0604-2					1.8	1									
AC-0604-3					4	0.5									
AC-0806-1	M8x1.0	6	2	7200	0.5	2		50	38	6.6	2.8	6	33	11	3
AC-0806-2					2	1									
AC-0806-3					6	0.5									
AC-1005-1	M10x1.0	5	3	10800	1	3		38.7	27.7	8.6	2.8	6	22.9	12.7	3
AC-1005-2					3	1.5									
AC-1005-3					7	0.8									
AC-1008-1		8	4	14400	2	3		57	43	8.6	3	6	38	12.7	3
AC-1008-2					4	1.5									
AC-1008-3					9	0.8									
AC-1210-1	M12x1.0	10	5	18000	5	3		69.2	50	10.3	3	9.2	45.5	14	4
AC-1210-2					10	1.5									
AC-1210-3					30	0.8									
AC-1412-1	M14x1.5	12	15	36000	8	3		100.2	76.2	12	4	12	67	19	6
AC-1412-2					50	1.5									
AC-1412-3					100	0.8									
AC-1416-1		16	20	40000	10	3		123	95	12	4	12	86	19	6
AC-1416-2					70	1.5									
AC-1416-3					150	0.8									
AC-1416-1C				35000	10	3		104	76	12	4	12	67	19	6
AC-1416-2C					70	1.5									
AC-1416-3C					150	0.8									
AC-1425-1		25	25	48000	12	3		147	110	12	4	12	100	19	6
AC-1425-2					80	1.5									
AC-1425-3					160	0.8									
AC-2020-1	M20x1.5	20	40	48000	30	3.5		145.8	110	18	6	15.8	101	26	8
AC-2020-2					200	2									
AC-2020-3					700	1									
AC-2030-1		30	50	54000	30	3.5		155.8	110	18	6	15.8	101	26	8
AC-2030-2					200	2									
AC-2030-3					700	1									
AC-2050-1		50	60	66000	60	3.5		232.8	167	18	6	15.8	158	26	8
AC-2050-2					400	2									
AC-2050-3					1200	1									
AC-2525-1	M25x1.5	25	80	60000	200	4		154.5	111	22	8	18.5	101	32	10
AC-2525-2					600	2.5									
AC-2525-3					1000	1									

油压缓冲器
Shock Absorber
Series AC/AD/ACD

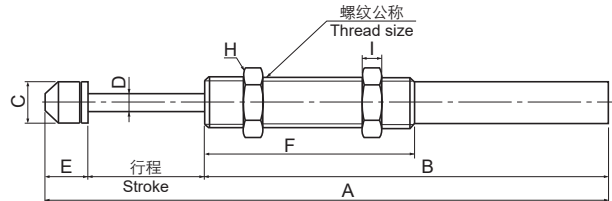
规格和尺寸 Specifications and Dimensions

AC多孔固定式 Multi-hole non-adjustable

M25 (AC-2540), M36 (AC-3660)



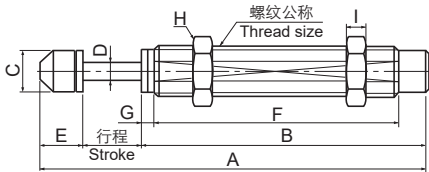
M25 (AC-2550, AC-2580)



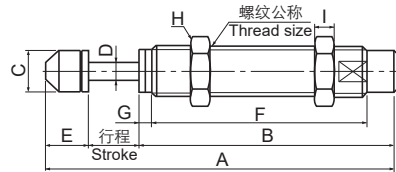
型号 Model	螺纹 公称 Thread size	行程 Stroke (mm)	每次最大 吸收能量 Max.energy absorption per cycle (Nm)	每小时最大 吸收能量 Max.energy absorption per hour (Nm)	最大有效 重量 Max. effective weight (kg)	最大撞击 速度 Max. impact speed (m/s)	工作温度 Operating temperature	尺寸 Dimensions (mm)								
								A	B	C	D	E	F	G	H	I
AC-2540-1	M25x1.5	40	120	84000	300	4	-10~85℃	214	137	22	8	37	117	10	32	10
AC-2540-2					800	2.5										
AC-2540-3					1200	1										
AC-2550-1		50	98	98000	15	4		239	170.5	22	8	18.5	100	-	32	10
AC-2550-2					40	2.5										
AC-2550-3					160	1										
AC-2580-1		80	150	127500	20	4		335.5	237	22	8	18.5	100	-	32	10
AC-2580-2					50	2.5										
AC-2580-3					200	1										
AC-3660-1	M36x1.5	60	250	125000	400	4		247	162	35	10	25	134	17	46	15
AC-3660-2					1500	2.5										
AC-3660-3					2400	1										

AC-S多孔固定式高频适用 Multi-hole non-adjustable for high frequency operation

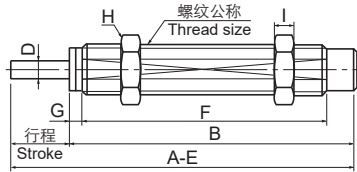
M8, M10, M14 (AC1412-S), M20, M27有撞击头With cap



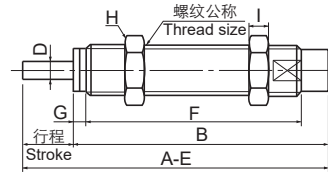
M14 (AC1412-SC)有撞击头With cap



M8, M10, M14 (AC1412-SN), M20, M27无撞击头Without cap



M14 (AC1412-SCN)无撞击头Without cap



型号 Model	螺纹 公称 Thread size	行程 Stroke (mm)	每次最大 吸收能量 Max.energy absorption per cycle (Nm)	每小时最大 吸收能量 Max.energy absorption per hour (Nm)	最大有效 重量 Max. effective weight (kg)	最大撞击 速度 Max. impact speed (m/s)	工作温度 Operating temperature	尺寸 Dimensions (mm)								
								A	B	C	D	E	F	G	H	I
AC-0806-S	M8x1.0	6	3	7000	6	2.5	-10~85℃	51.6	39.6	6.7	2.8	6	33.6	2	11	3
AC-1007-S	M10x1.0	7	6	12400	12	3.5		63	47.5	8.5	3	8.5	39	3	12.7	3
AC-1210-S	M12x1.0	10	12	22500	22	4.0		71	53	10.3	4	12	44	3	14	4
AC-1412-S	M14x1.5	12	20	33000	40	5.0		91.5	67.5	11.9	4	12	59	4	19	6
AC-1412-SC					35	5.0		79	55	12	4	12	46.5	4	19	6
AC-2015-S	M20x1.5	15	59	38000	120	5.0		105.2	74	17.9	6	16.2	62.5	6	26	6
AC-2725-S	M27x1.5	25	147	72000	270	3.5		142.5	99	22	8	18.5	85.5	8	36	6

油压缓冲器

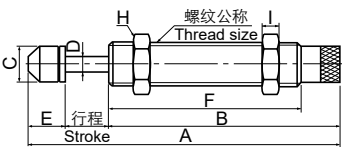
Shock Absorber

Series AC/AD/ACD

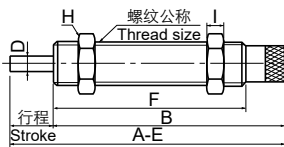
规格和尺寸 Specifications and Dimensions

AD可调整式 Adjustable

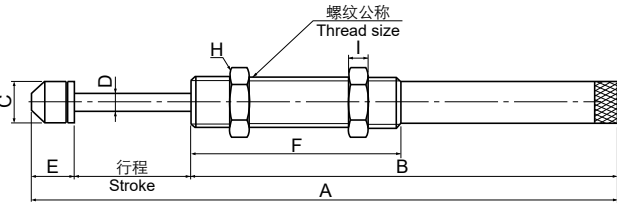
M14, M20,
M25 (AD-2525 , AD-2530)
有撞击头With cap



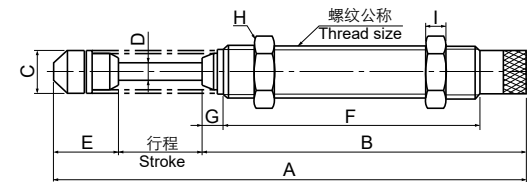
M14, M20,
M25 (AD-2525N , AD-2530N)
无撞击头Without cap



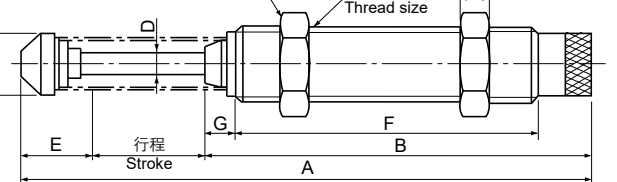
M25 (AD-2550 , AD-2580)



M25 (AD-2540)

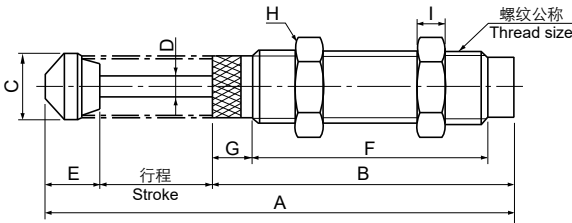


M36

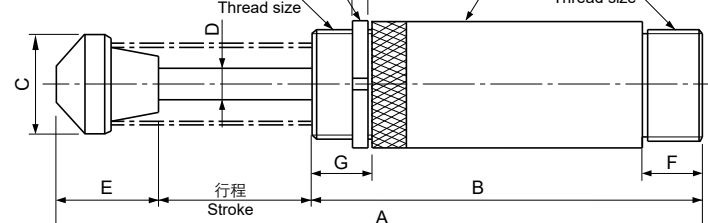


AD可调整式重型 Adjustable heavy

M42



M64



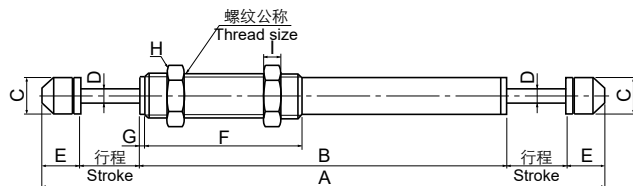
型号 Model	螺纹公称 Thread size	行程 Stroke (mm)	每次最大 吸收能量 Max.energy absorption per cycle (Nm)	每小时最大 吸收能量 Max.energy absorption per hour (Nm)	最大有效 重量 Max. effective weight (kg)	最大撞击 速度 Max. impact speed (m/s)	工作温度 Operating temperature	尺寸 Dimensions (mm)								
								A	B	C	D	E	F	G	H	I
AD-1410	M14x1.5	10	20	24000	80	3.2	-10~85°C	105.2	83.2	12	4	12	65.7	-	19	6
AD-1415		15	22	26400	120	3.2		129	102	12	4	12	85	-	19	6
AD-2016	M20x1.5	16	25	32000	200	3.6		148.8	117	18	6	15.8	101	-	26	8
AD-2025		25	39	39000	312	3.6		157.8	117	18	6	15.8	101	-	26	8
AD-2525	M25x1.5	25	85	51000	400	3.6		162	118.5	22	8	18.5	101	-	32	10
AD-2530		30	95	57000	480	3.6		167	118.5	22	8	18.5	101	-	32	10
AD-2540		40	100	84000	700	3.6		221.5	144.5	22	8	37	117	10	32	10
AD-2550		50	98	98000	720	4.2		246.5	178	22	8	18.5	100	-	32	10
AD-2580		80	150	127000	800	4.2		343	244.5	22	8	18.5	100	-	32	10
AD-3625	M36x1.5	25	150	90000	1400	3.2	-10~85°C	183	133	35.5	10	25	103	10	46	10
AD-3650		50	300	108000	1400	3.2		246	171	35.5	10	25	134	17	46	15
AD-4225	M42x1.5	25	260	130000	3000	3.6		186	127.5	44.5	12	33.5	88	28.5	50	15
AD-4250		50	500	155000	4000	4.8		245.5	157	44.5	12	38.5	117.5	28.5	50	15
AD-4275		75	750	187000	6000	4.8		301	187.5	44.5	12	38.5	148	28.5	50	15
AD-64050	UNF21/2-12	50	12000	1560000	12727	1.6		247	146	59	20	51	26	23	76.2	9.4
AD-64100		100	24000	1920000	18181	1.6		347	196	59	20	51	26	23	76.2	9.4
AD-64150		150	36000	2520000	23636	1.6		467	256	59	20	61	26	23	76.2	9.4

油压缓冲器
Shock Absorber
Series AC/AD/ACD

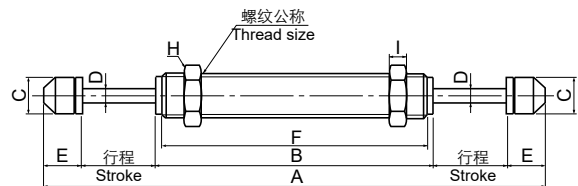
规格和尺寸 Specifications and Dimensions

ACD双向缓冲 Two-way cushion

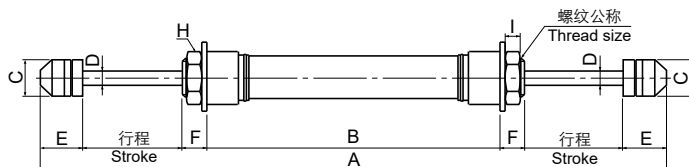
M20 (ACD-2030, ACD-2035)



M20 (ACD-2045-QY, ACD-2050-L)



M20 (ACD-2050-2)

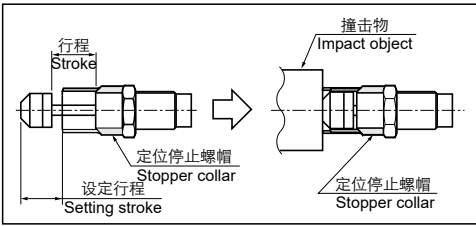


型号 Model	螺纹 公称 Thread size	行程 Stroke (mm)	每次最大 吸收能量 Max. energy absorption per cycle (Nm)	每小时最大 吸收能量 Max. energy absorption per hour (Nm)	最大有效 重量 Max. effective weight (kg)	最大撞击 速度 Max. impact speed (m/s)	工作温度 Operating temperature	尺寸 Dimensions (mm)								
								A	B	C	D	E	F	G	H	I
ACD-2030-1	M20x1.5	30	45	54000	40	3.5	-10~85°C	189	123	18	5	15.8	46	3	26	8
ACD-2030-2					300	2.0										
ACD-2030-3					900	1.0										
ACD-2035-1		35	52	62000	40	3.5		223	123	18	5	15.8	46	3	26	8
ACD-2035-2					200	2.0										
ACD-2035-3					650	1.0										
ACD-2045-QY		45	55	137500	350	4.0		276.6	155	18	6	15.8	149	-	26	8
ACD-2050-2		50	60	150000	400	4.0		323	148	18	6	21	12.5	-	26	8
ACD-2050-L					400	4.0		320.6	189	18	6	15.8	183	-	26	8

定位停止螺帽(选用配件) Stopper collar (optional accessory)

型号 Model	尺寸 Dimensions (mm)	适用 缓冲器 Applicable shock absorber	型号 Model	尺寸 Dimensions (mm)	适用 缓冲器 Applicable shock absorber
SC-08		AC-0806	SC-14		AC-1412 AC-1416 AC-1420 AC-1425 AD-1410 AD-1415 AD-1425
SC-10		AC-1005 AC-1007 AC-1008	SC-20		AC-2015 AC-2020 AC-2030 AC-2050 AD-2016 AD-2020 AD-2025
SC-12		AC-1210	SC-25		AC-2525 AC-2550 AC-2580 AD-2525 AD-2530 AD-2550 AD-2580

应用示例 Application example



型号 Model	尺寸 Dimensions (mm)	适用缓冲器 Applicable shock absorber
SC-40		AC-2540 AD-2540
SC-50		AC-3660 AD-3625 AD-3650

油压缓冲器
Shock Absorber
Series AC/AD/ACD

规格和尺寸 Specifications and Dimensions

安装法兰(选用配件)
Mounting flange (optional accessory)

型号 Model	尺寸 Dimensions (mm)	适用缓冲器 Applicable shock absorber
F 36		AC-3660 AD-3650
F 42		AD-4225 AD-4250 AD-4275
F 64		AD-64050 AD-64100 AD-64150

选型方法 How to Select

2 确定油压缓冲器尺寸要求的参数
Parameters required to precisely determine the size of shock absorber

符号 Symbol	参数说明 Parameter description	单位 Unit
C	每小时撞击次数 Impact cycles per hour	/hr
F	推进力 Propelling force	N
m	减速负载的综合重量 Total weight of load to be decelerated	kg
v	撞击速度 Impact velocity	m/s

3 计算公式
Calculation Formulas

项目 Item	公式 Formula
动能 Kinetic energy	$E_k = mv^2/2$
每次驱动能量 Drive energy per cycle	$E_D = F \cdot S$
自由落体速度 Freefall velocity	$v = \sqrt{2g \cdot h}$
气液压缸的推进力 Cylinder propelling force	$F = 0.00785Pd^2$

选型方法 How to Select

1 使用条件的参数说明
Parameters of application conditions

符号 Symbol	参数说明 Parameter description	单位 Unit
μ	摩擦系数 Friction coefficient	-
α	斜面倾角 Angle of inclined plane	rad
θ	负载撞击接触角度 Impact angle of load side	rad
ω	角速度 Angular velocity	rad/s
A	宽度 Width	m
B	厚度 Thickness	m
C	每小时撞击次数 Impact cycles per hour	/hr
d	气液压缸缸径 Cylinder bore size	mm
E_D	每次驱动能量 Drive energy per cycle	Nm
E_K	每次动能 Kinetic energy per cycle	Nm
E_T	每次综合能量 Total energy per cycle	Nm
E_{TC}	每小时综合能量 Total energy per hour	Nm
F	推进力 Propelling force	N
F_m	最大冲击力 Maximum shock force	N
g	重力加速度 Acceleration of gravity	m/s ²
h	高度 Height	m
HM	马达制动系数 (一般为 2.5) Arresting torque factor for motor (normally 2.5)	-
kW	电动马达功率 Electric motor power	kW
m	减速负载的综合重量 Total weight of load to be decelerated	kg
M_e	有效重量 Effective weight	kg
P	气液压缸操作压力 Cylinder operating pressure	bar
R	半径 Radius	m
R_s	油压缓冲器至旋转中心的距离 Distance between shock absorber and rotation center	m
S	行程 Stroke	m
T	驱动扭矩 Driving torque	Nm
t	减速时间 Deceleration time	s
v	撞击速度 Impact velocity	m/s

项目 Item	公式 Formula
最大冲击力 (概估) Maximum shock force (approximate)	$F_m = 1.2E_T/S$
电动马达产生的推进力 Propelling force generated by electric motor	$F = 3000kW/v$
每小时吸收的总能量 Total energy absorption per hour	$E_{TC} = E_T \cdot C$

油压缓冲器

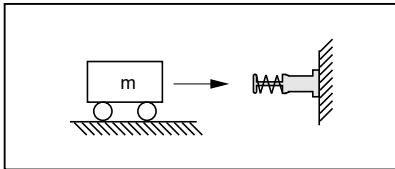
Shock Absorber

Series AC/AD/ACD

选型方法 How to Select

4 计算举例 Calculation examples

例一：水平撞击 Example 1: horizontal impact



使用条件 Application conditions

$m=300\text{ kg}$
 $v=1.0\text{ m/s}$
 $S=0.05\text{ m}$
 $C=300\text{ /hr}$

用公式计算 Calculating by formulas

$$E_K = \frac{mv^2}{2} = \frac{300 \cdot 1.0^2}{2} = 150\text{ Nm}$$

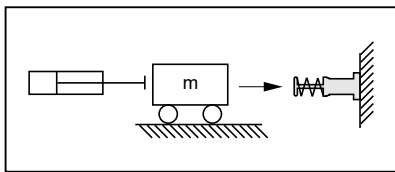
$$E_T = E_K = 150\text{ Nm}$$

$$E_{TC} = E_T \cdot C = 150 \cdot 300 = 45000\text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 150}{1.0^2} = 300\text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-3650 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-3650 shock absorber.

例二：有推进力的水平撞击 Example 2: horizontal impact with propelling force



使用条件 Application conditions

$m=300\text{ kg}$
 $v=1.2\text{ m/s}$
 $S=0.05\text{ m}$
 $P=40\text{ N/cm}^2$
 $d=100\text{ mm}$
 $C=300\text{ /hr}$

用公式计算 Calculating by formulas

$$E_K = \frac{mv^2}{2} = \frac{300 \cdot 1.2^2}{2} = 216\text{ Nm}$$

$$E_D = F \cdot S = 0.00785Pd^2 \cdot S$$

$$= 0.00785 \cdot 40 \cdot 100^2 \cdot 0.05 = 157\text{ Nm}$$

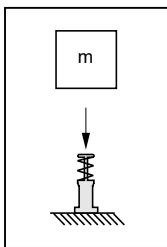
$$E_T = E_K + E_D = 216 + 157 = 373\text{ Nm}$$

$$E_{TC} = E_T \cdot C = 373 \cdot 300 = 111900\text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 373}{1.2^2} = 518\text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-4250 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-4250 shock absorber.

例三：自由落体撞击 Example 3: freefall impact



使用条件 Application conditions

$m=40\text{ kg}$
 $h=0.4\text{ m}$
 $S=0.06\text{ m}$
 $C=200\text{ /hr}$

用公式计算 Calculating by formulas

$$v = \sqrt{2g \cdot h} = \sqrt{2 \cdot 9.81 \cdot 0.4} = 2.8\text{ m/sec}$$

$$E_K = \frac{mv^2}{2} = \frac{40 \cdot 2.8^2}{2} = 157\text{ Nm}$$

$$E_D = F \cdot S = m \cdot g \cdot S = 40 \cdot 9.81 \cdot 0.06 = 23.5\text{ Nm}$$

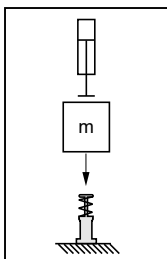
$$E_T = E_K + E_D = 157 + 23.5 = 180.5\text{ Nm}$$

$$E_{TC} = E_T \cdot C = 180.5 \cdot 200 = 36100\text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 180.5}{2.8^2} = 46\text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AC-3660-1 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AC-3660-1 shock absorber.

例四：有推进力的自由落体撞击 Example 4: freefall impact with propelling force



使用条件 Application conditions

$m=40\text{ kg}$
 $h=0.3\text{ m}$
 $S=0.025\text{ m}$
 $P=5\text{ bar}$
 $d=50\text{ mm}$
 $C=200\text{ /hr}$
 $v=1.0\text{ m/sec}$

用公式计算 Calculating by formulas

$$E_K = \frac{mv^2}{2} = \frac{40 \cdot 1.0^2}{2} = 20\text{ Nm}$$

$$E_D = F \cdot S = (mg + 0.0785Pd^2) \cdot S$$

$$= (40 \cdot 9.81 + 0.0785 \cdot 5 \cdot 50^2) \cdot 0.025 = 34.4\text{ Nm}$$

$$E_T = E_K + E_D = 20 + 34.4 = 54.4\text{ Nm}$$

$$E_{TC} = E_T \cdot C = 54.4 \cdot 200 = 10880\text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 54.4}{1.0^2} = 108.8\text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-2525 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-2525 shock absorber.

油压缓冲器

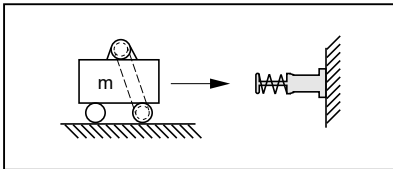
Shock Absorber

Series AC/AD/ACD

选型方法 How to Select

4 计算举例 Calculation examples

例五：马达驱动的水平撞击 Example 5: horizontal impact with motor drive



使用条件 Application conditions

$m=400 \text{ kg}$
 $v=1.0 \text{ m/s}$
 $kW=1.5 \text{ kW}$
 $HM=2.5$
 $S=0.075 \text{ m}$
 $C=60 \text{ /hr}$

用公式计算 Calculating by formulas

$$E_K = \frac{mv^2}{2} = \frac{400 \cdot 1.0^2}{2} = 200 \text{ Nm}$$

$$E_D = F \cdot S = \frac{kW \cdot HM}{v} \cdot S = \frac{1500 \cdot 2.5}{1.0} \cdot 0.075 = 281 \text{ Nm}$$

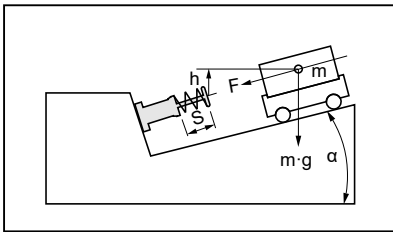
$$E_T = E_K + E_D = 200 + 281 = 481 \text{ Nm}$$

$$E_{TC} = E_T \cdot C = 481 \cdot 60 = 28860 \text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 481}{1.0^2} = 962 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-4275 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-4275 shock absorber.

例六：倾斜撞击 Example 6: inclined impact



使用条件 Application conditions

$m=150 \text{ kg}$
 $h=0.3 \text{ m}$
 $S=0.075 \text{ m}$
 $\alpha=30^\circ$
 $C=200 \text{ /hr}$

用公式计算 Calculating by formulas

$$v = \sqrt{2g \cdot h} = \sqrt{2 \cdot 9.81 \cdot 0.3} = 2.43 \text{ m/sec}$$

$$E_K = \frac{mv^2}{2} = \frac{150 \cdot 2.43^2}{2} = 443 \text{ Nm}$$

$$E_D = F \cdot S = m \cdot g \cdot S \cdot \sin \alpha = 150 \cdot 9.81 \cdot 0.075 \cdot \sin 30^\circ = 55.2 \text{ Nm}$$

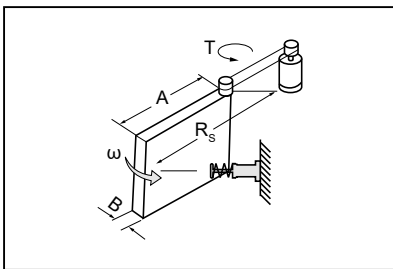
$$E_T = E_K + E_D = 443 + 55.2 = 488.2 \text{ Nm}$$

$$E_{TC} = E_T \cdot C = 488.2 \cdot 200 = 97640 \text{ Nm/hr}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 488.2}{2.43^2} = 165.4 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-4275 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-4275 shock absorber.

例七：水平旋转门 Example 7: horizontal revolving door



使用条件 Application conditions

$m=20 \text{ kg}$
 $\omega=2.0 \text{ rad/s}$
 $T=20 \text{ Nm}$
 $R_s=0.8 \text{ m}$
 $A=1.0 \text{ m}$
 $B=0.05 \text{ m}$
 $S=0.016 \text{ m}$
 $C=100 \text{ /hr}$

用公式计算 Calculating by formulas

$$I = \frac{m(4A^2+B^2)}{12} = \frac{20 \cdot (4 \cdot 1.0^2 + 0.05^2)}{12} = 6.67 \text{ kgm}^2$$

$$E_K = \frac{I\omega^2}{2} = \frac{6.67 \cdot 2.0^2}{2} = 13.34 \text{ Nm}$$

$$\theta = \frac{S}{R_s} = \frac{0.04}{0.8} = 0.05 \text{ rad}$$

$$E_D = T \cdot \theta = 20 \cdot 0.05 = 1.0 \text{ Nm}$$

$$E_T = E_K + E_D = 13.34 + 1.0 = 14.34 \text{ Nm}$$

$$E_{TC} = E_T \cdot C = 14.34 \cdot 100 = 1434 \text{ Nm/hr}$$

$$v = \omega \cdot R_s = 2.0 \cdot 0.8 = 1.6 \text{ m/s}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 14.34}{1.6^2} = 11.2 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-2016 油压缓冲器。
 According to "effective weight - impact velocity" graph, suggest AD-2016 shock absorber.

油压缓冲器

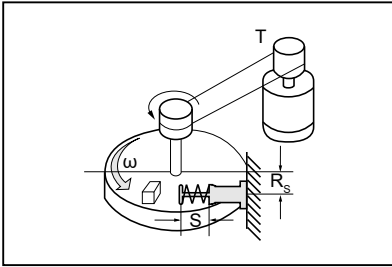
Shock Absorber

Series AC/AD/ACD

选型方法 How to Select

4 计算举例 Calculation examples

例八：有驱动的旋转分度盘
Example 8: rotary index plate
with driving force



使用条件
Application conditions

$m=200 \text{ kg}$
 $\omega=1.0 \text{ rad/s}$
 $T=100 \text{ Nm}$
 $R=0.5 \text{ m}$
 $R_s=0.4 \text{ m}$
 $S=0.04 \text{ m}$
 $C=100 \text{ /hr}$

用公式计算
Calculating by formulas

$$I = \frac{mR^2}{2} = \frac{200 \cdot 0.5^2}{2} = 25 \text{ kgm}^2$$

$$E_k = \frac{I\omega^2}{2} = \frac{25 \cdot 1.0^2}{2} = 12.5 \text{ Nm}$$

$$\theta = \frac{S}{R_s} = \frac{0.04}{0.4} = 0.1 \text{ rad}$$

$$E_D = T \cdot \theta = 100 \cdot 0.1 = 10 \text{ Nm}$$

$$E_T = E_k + E_D = 12.5 + 10 = 22.5 \text{ Nm}$$

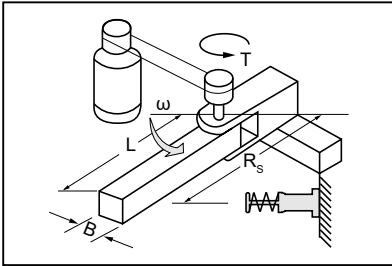
$$E_{TC} = E_T \cdot C = 22.5 \cdot 50 = 1125 \text{ Nm/hr}$$

$$v = \omega \cdot R_s = 1.0 \cdot 0.4 = 0.4 \text{ m/s}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 22.5}{0.4^2} = 281 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AD-4250 油压缓冲器。
According to "effective weight - impact velocity" graph, suggest AD-4250 shock absorber.

例九：有驱动的旋转臂
Example 9: pivot arm with
driving force



使用条件
Application conditions

$m=40 \text{ kg}$
 $\omega=2.0 \text{ rad/s}$
 $T=10 \text{ Nm}$
 $R_s=0.4 \text{ m}$
 $A=0.5 \text{ m}$
 $B=0.05 \text{ m}$
 $S=0.05 \text{ m}$
 $C=50 \text{ /hr}$

用公式计算
Calculating by formulas

$$I = \frac{m(4A^2+B^2)}{12} = \frac{40 \cdot (4 \cdot 0.5^2 + 0.05^2)}{12} = 3.34 \text{ kgm}^2$$

$$E_k = \frac{I\omega^2}{2} = \frac{3.34 \cdot 2.0^2}{2} = 6.68 \text{ Nm}$$

$$\theta = \frac{S}{R_s} = \frac{0.05}{0.4} = 0.125 \text{ rad}$$

$$E_D = T \cdot \theta = 10 \cdot 0.125 = 1.25 \text{ Nm}$$

$$E_T = E_k + E_D = 6.68 + 1.25 = 7.93 \text{ Nm}$$

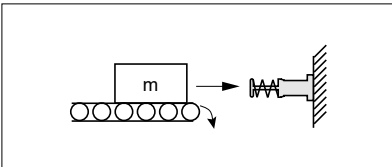
$$E_{TC} = E_T \cdot C = 7.93 \cdot 50 = 396.5 \text{ Nm/hr}$$

$$v = \omega \cdot R_s = 2.0 \cdot 0.4 = 0.8 \text{ m/s}$$

$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 7.93}{0.8^2} = 24.78 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AC-1416-2 油压缓冲器。
According to "effective weight - impact velocity" graph, suggest AC-1416-2 shock absorber.

例十：水平输送带负载撞击
Example 10: impact by load on
horizontal conveyor



使用条件
Application conditions

$m=150 \text{ kg}$
 $v=0.5 \text{ m/s}$
 $\mu=0.25$
 $S=0.02 \text{ m}$
 $C=120 \text{ /hr}$

用公式计算
Calculating by formulas

$$E_k = \frac{mv^2}{2} = \frac{150 \cdot 0.5^2}{2} = 18.75 \text{ Nm}$$

$$E_D = F \cdot S = m \cdot g \cdot \mu \cdot S = 150 \cdot 9.81 \cdot 0.25 \cdot 0.02 = 7.35 \text{ Nm}$$

$$E_T = E_k + E_D = 18.75 + 7.35 = 26.1 \text{ Nm}$$

$$E_{TC} = E_T \cdot C = 26.1 \cdot 120 = 3132 \text{ Nm/hr}$$

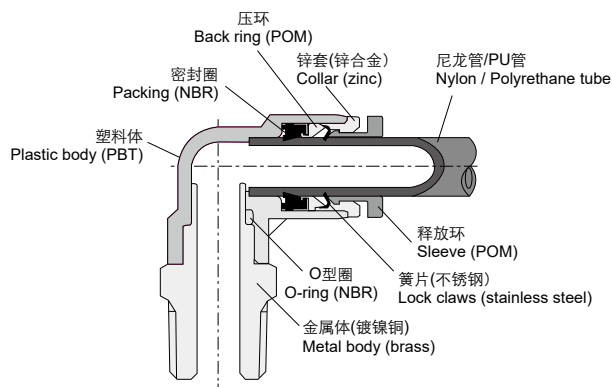
$$M_e = \frac{2E_T}{v^2} = \frac{2 \cdot 26.1}{0.5^2} = 208.8 \text{ kg}$$

由“有效重量 - 撞击速度”曲线图建议使用 AC-2020-3 油压缓冲器。
According to "effective weight - impact velocity" graph, suggest AC-2020-3 shock absorber.

特性 Features

- 快插方式，易于连接或拆卸管子。
Easy to connect/disconnect tube by one touch.
- 规格多种多样，满足所有需求。
Used for a wide variety of models to meet all demands.
- PC 接头的螺纹内侧有六角扳手孔，在狭窄处安装时可使用。
PC Type is useful for piping in confined space, given its hexagonal wrench processing hole inside.
- 主体是可转向的结构，铺管方向灵活 (PL, PT 等)。
Flexible for directional tubing with its rotating construction of body (PL & PT, etc.).
- 椭圆形的释放环，方便在狭窄处连接或拆卸管子。
The elliptical sleeve helps easy application or removal of the tube in confined space.
- 接头装有标准 O 型圈或螺纹上有特氟龙涂层的密封胶
Fitting is equipped with O-ring or applied Teflon coating on the thread.

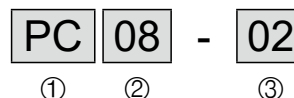
结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order



① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric						英制 Inch					
代号 Code	04	06	08	10	12	16	5/32	3/16	1/4	5/16	3/8	1/2
ØD	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ 螺纹规格 Thread size (T)

	公制 Metric		锥管螺纹 Taper pipe thread (BSPT)				
代号 Code	M5	M6	01	02	03	04	06
T	M5x0.8	M6x1.0	R1/8	R1/4	R3/8	R1/2	R3/4

	G 螺纹 G-thread (BSPP)					统一细牙螺纹 UNF	
代号 Code	G01	G02	G03	G04	G06	U10	
T	G1/8	G1/4	G3/8	G1/2	G3/4	10-32UNF	

	美制锥管螺纹 Taper pipe thread (NPT)				
代号 Code	N01	N02	N03	N04	N06
T	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

Male Straight PC	Tube(Metric)-Thread(R)	
	PC 04-M5	PC 08-03
	PC 04-M6	PC 08-04
	PC 04-01	PC 10-01
	PC 04-02	PC 10-02
	PC 04-03	PC 10-03
	PC 06-M5	PC 10-04
	PC 06-M6	PC 12-01
	PC 06-01	PC 12-02
	PC 06-02	PC 12-03
	PC 06-03	PC 12-04
	PC 08-01	PC 16-03
	PC 08-02	PC 16-04

*可使用六角扳手调节到合适的松紧度
Hexagonal wrench may be used for a proper tightening

Reducer PG	Tube(Metric D1-D2)	
	PG 06-04	
	PG 08-04	
	PG 08-06	
	PG 10-06	
	PG 10-08	
	PG 12-08	
	PG 12-10	
	PG 16-12	

Male Straight PUC	Tube(Metric)	
	PUC 04	
	PUC 06	
	PUC 08	
	PUC 10	
	PUC 12	
	PUC 16	

Male Elbow PL	Tube(Metric)-Thread(R)	
	PL 04-M5	PL 08-03
	PL 04-M6	PL 08-04
	PL 04-01	PL 10-01
	PL 04-02	PL 10-02
	PL 04-03	PL 10-03
	PL 06-M5	PL 10-04
	PL 06-M6	PL 12-01
	PL 06-01	PL 12-02
	PL 06-02	PL 12-03
	PL 06-03	PL 12-04
	PL 08-01	PL 16-03
	PL 08-02	PL 16-04

*安装后可转动接头方向
Rotating body construction after a proper installation

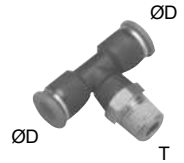
Male 45° Elbow PL45	Tube(Metric)-Thread(R)	
	PL45 04-M5	PL45 08-03
	PL45 04-M6	PL45 08-04
	PL45 04-01	PL45 10-01
	PL45 04-02	PL45 10-02
	PL45 04-03	PL45 10-03
	PL45 06-M5	PL45 10-04
	PL45 06-M6	PL45 12-01
	PL45 06-01	PL45 12-02
	PL45 06-02	PL45 12-03
	PL45 06-03	PL45 12-04
	PL45 08-01	
	PL45 08-02	

*安装后可转动接头方向
Rotating body construction after a proper installation

Union Elbow PUL	Tube(Metric)	
	PUL 04	
	PUL 06	
	PUL 08	
	PUL 10	
	PUL 12	
	PUL 16	

快速管接头

One-touch Fittings

Male Branch Tee PT	Tube(Metric)-Thread(R)	
	PT 04-M5	PT 08-03
	PT 04-M6	PT 08-04
	PT 04-01	PT 10-01
	PT 04-02	PT 10-02
	PT 04-03	PT 10-03
	PT 06-M5	PT 10-04
	PT 06-M6	PT 12-01
	PT 06-01	PT 12-02
	PT 06-02	PT 12-03
	PT 06-03	PT 12-04
	PT 08-01	PT 16-03
	PT 08-02	PT 16-04

*安装后可转动接头方向
Rotating body construction after a proper installation

Different Diameter Union Tee PUG	Tube(Metric D1-D2)	
	PUG 06-04	
	PUG 08-04	
	PUG 08-06	
	PUG 10-06	
	PUG 10-08	
	PUG 12-08	
	PUG 12-10	

*安装后可转动接头方向
Rotating body construction after a proper installation

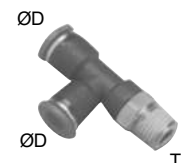
Union Tee PUT	Tube(Metric)	
	PUT 04	
	PUT 06	
	PUT 08	
	PUT 10	
	PUT 12	
	PUT 16	

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

*安装后可转动接头方向
Rotating body construction after a proper installation

Union Y PY	Tube(Metric)	
	PY 04	
	PY 06	
	PY 08	
	PY 10	
	PY 12	

Reducer Y PW	Tube(Metric D1-D2)	
	PW 06-04	
	PW 08-04	
	PW 08-06	
	PW 10-06	
	PW 10-08	
	PW 12-08	
	PW 12-10	

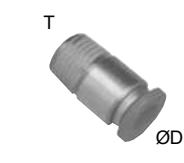
Male Run Tee PST	Tube(Metric)-Thread(R)	
	PST 04-M5	PST 08-03
	PST 04-M6	PST 08-04
	PST 04-01	PST 10-01
	PST 04-02	PST 10-02
	PST 04-03	PST 10-03
	PST 06-M5	PST 10-04
	PST 06-M6	PST 12-01
	PST 06-01	PST 12-02
	PST 06-02	PST 12-03
	PST 06-03	PST 12-04
	PST 08-01	
	PST 08-02	

*安装后可转动接头方向
Rotating body construction after a proper installation

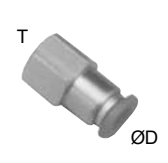
Extended Male Elbow PLL	Tube(Metric)-Thread(R)	
	PLL 04-M5	PLL 08-03
	PLL 04-M6	PLL 08-04
	PLL 04-01	PLL 10-01
	PLL 04-02	PLL 10-02
	PLL 04-03	PLL 10-03
	PLL 06-M5	PLL 10-04
	PLL 06-M6	PLL 12-01
	PLL 06-01	PLL 12-02
	PLL 06-02	PLL 12-03
	PLL 06-03	PLL 12-04
	PLL 08-01	
	PLL 08-02	

*可使用六角扳手调节到合适的松紧度
Hexagonal wrench may be used for a proper tightening

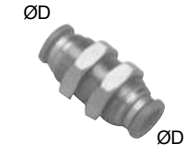
Plug-in Reducer Elbow PLGJ	Tube(Metric)	
	PLGJ 06-04	
	PLGJ 08-06	
	PLGJ 10-08	
	PLGJ 12-10	

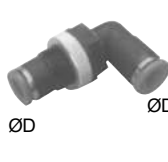
Male Straight POC	Tube(Metric)-Thread(R)	
	POC 04-M5	POC 08-03
	POC 04-M6	POC 08-04
	POC 04-01	POC 10-01
	POC 04-02	POC 10-02
	POC 04-03	POC 10-03
	POC 06-M5	POC 10-04
	POC 06-M6	POC 12-01
	POC 06-01	POC 12-02
	POC 06-02	POC 12-03
	POC 06-03	POC 12-04
	POC 08-01	
	POC 08-02	

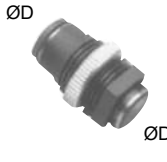
*可使用六角扳手调节到合适的松紧度
Hexagonal wrench may be used for a proper tightening

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

Union Cross PZA	Tube(Metric)	
	PZA 04	
	PZA 06	
	PZA 08	
	PZA 10	
	PZA 12	
	PZA22 0806	
	PZA22 1008	
	PZA22 1210	
	PZA31 0806	
	PZA31 1008	
	PZA31 1210	

Double Universal Elbow PMM	Tube(Metric)	
	PMM 04	
	PMM 06	
	PMM 08	
	PMM 10	
	PMM 12	

Bulkhead Union P PLM	Tube(Metric)	
	PLM 04	
	PLM 06	
	PLM 08	
	PLM 10	
	PLM 12	

Bulkhead Union P PPM	Tube(Metric)	
	PPM 04	
	PPM 06	
	PPM 08	
	PPM 10	
	PPM 12	

快速管接头

One-touch Fittings

Bulkhead Female Straight PMF	Tube(Metric)-Thread(R)	
	PMF 04-01	PMF 10-03
	PMF 04-02	PMF 10-04
	PMF 04-03	PMF 12-01
	PMF 06-01	PMF 12-02
	PMF 06-02	PMF 12-03
	PMF 06-03	PMF 12-04
	PMF 08-01	
	PMF 08-02	
	PMF 08-03	
	PMF 08-04	
	PMF 10-01	
	PMF 10-02	

Plug-in Reducer PGJ	Tube(Metric D1-D2)	
	PGJ 06-04	
	PGJ 08-04	
	PGJ 08-06	
	PGJ 10-06	
	PGJ 10-08	
	PGJ 12-06	
	PGJ 12-08	
	PGJ 12-10	

Plug-in Elbow PLJ	Tube(Metric)	
	PLJ 04	
	PLJ 06	
	PLJ 08	
	PLJ 10	
	PLJ 12	
	PLJ 16	

Male Banjo PH	Tube(Metric)-Thread(R)	
	PH 04-M5	PH 10-02
	PH 04-M6	PH 10-03
	PH 04-01	PH 10-04
	PH 06-M5	PH 12-03
	PH 06-M6	PH 12-04
	PH 06-01	PH 16-04
	PH 06-02	
	PH 06-03	
	PH 08-01	
	PH 08-02	
	PH 08-03	
	PH 08-04	

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

Plug PP	Tube(Metric)	
	PP 04	
	PP 06	
	PP 08	
	PP 10	
	PP 12	
	PP 16	

*安装后可转动接头方向
Rotating body construction after a proper installation

Plug-in Reducer Y PWJ	Tube(Metric D1-D2)	
	PWJ 06-04	
	PWJ 08-06	
	PWJ 10-08	
	PWJ 12-10	

Dual Female Banjo PAF	Tube(Metric)-Thread(R)	
	PAF 04-M5	
	PAF 06-01	
	PAF 08-02	
	PAF 10-03	
	PAF 12-04	

Dual Male Banjo PA	Tube(Metric)-Thread(R)	
	PA 04-M5	
	PA 06-01	
	PA 08-02	
	PA 10-03	
	PA 12-04	

*安装后可转动接头方向
Rotating body construction after a proper installation

Reducer Double Y Union PXG	Tube(Metric D1-D2)	
	PXG 06-04	
	PXG 08-06	

Male Double Y PXT	Tube(Metric)-Thread(R)	
	PXT 04-01	
	PXT 04-02	
	PXT 06-01	

Reducer Double Y PXJ	Tube(Metric D1-D2)	
	PXJ 06-04	
	PXJ 08-06	

*安装后可转动接头方向
Rotating body construction after a proper installation

Reducer Triple Branch Union PKG	Tube(Metric D1-D2)	
	PKG 06-04	
	PKG 08-04	
	PKG 08-06	
	PKG 10-06	
	PKG 10-08	

Plug-in Reducer Triple Branch PKJ	Tube(Metric D1-D2)	
	PKJ 06-04	
	PKJ 08-04	
	PKJ 08-06	
	PKJ 10-08	

Male Reducer Triple Branch PKD	Tube(Metric D1-D2)-Thread(R)	
	PKD 06-04-01	
	PKD 08-04-01	
	PKD 08-06-02	
	PKD 10-08-03	

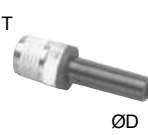
*安装后可转动接头方向
Rotating body construction after a proper installation

快速管接头

One-touch Fittings

Double Universal Elbow PHT	Tube(Metric)-Thread(R)	
	PHT 04-01(2)	PHT 10-04(2)
	PHT 04-02(2)	PHT 12-02(2)
	PHT 04-03(2)	PHT 12-03(2)
	PHT 06-01(2)	PHT 12-04(2)
	PHT 06-02(2)	
	PHT 06-03(2)	
	PHT 08-01(2)	
	PHT 08-02(2)	
	PHT 08-03(2)	
	PHT 08-04(2)	
	PHT 10-02(2)	
	PHT 10-03(2)	

*安装后可转动接头方向
Rotating body construction after a proper installation

Plug-in Male PCJ	Tube(Metric)-Thread(R)	
	PCJ 04-M5	PCJ 10-04
	PCJ 04-01	PCJ 12-02
	PCJ 04-02	PCJ 12-03
	PCJ 06-M5	PCJ 12-04
	PCJ 06-01	PCJ 16-03
	PCJ 06-02	PCJ 16-04
	PCJ 06-03	
	PCJ 08-01	
	PCJ 08-02	
	PCJ 08-03	
	PCJ 10-02	
	PCJ 10-03	

Tube Splicer PIJ	Tube(Metric)	
	PIJ 04	
	PIJ 06	
	PIJ 08	
	PIJ 10	
	PIJ 12	
	PIJ 16	

Triple Universal Elbow PHT	Tube(Metric)-Thread(R)	
	PHT 04-01(3)	PHT 10-04(3)
	PHT 04-02(3)	PHT 12-02(3)
	PHT 04-03(3)	PHT 12-03(3)
	PHT 06-01(3)	PHT 12-04(3)
	PHT 06-02(3)	
	PHT 06-03(3)	
	PHT 08-01(3)	
	PHT 08-02(3)	
	PHT 08-03(3)	
	PHT 08-04(3)	
	PHT 10-02(3)	
	PHT 10-03(3)	

*安装后可转动接头方向
Rotating body construction after a proper installation

Female Elbow PLF	Tube(Metric)-Thread(R)	
	PLF 04-M5	PLF 10-03
	PLF 04-M6	PLF 10-04
	PLF 04-01	
	PLF 06-M5	
	PLF 06-M6	
	PLF 06-01	
	PLF 06-02	
	PLF 06-03	
	PLF 08-01	
	PLF 08-02	
	PLF 08-03	
	PLF 10-02	

*安装后可转动接头方向
Rotating body construction after a proper installation

Plug-in Extended Elbow PLLJ	Tube(Metric)	
	PLLJ 04	
	PLLJ 06	
	PLLJ 08	
	PLLJ 10	
	PLLJ 12	
	PLLJ 16	

Double Branch A PAT	Tube(Metric)-Thread(R)	
	PAT 04-01(2)	PAT 10-04(2)
	PAT 04-02(2)	PAT 12-02(2)
	PAT 04-03(2)	PAT 12-03(2)
	PAT 06-01(2)	PAT 12-04(2)
	PAT 06-02(2)	
	PAT 06-03(2)	
	PAT 08-01(2)	
	PAT 08-02(2)	
	PAT 08-03(2)	
	PAT 08-04(2)	
	PAT 10-02(2)	
	PAT 10-03(2)	

*安装后可转动接头方向
Rotating body construction after a proper installation

Female Branch Tee PTF	Tube(Metric)-Thread(R)	
	PTF 04-M5	PTF 10-03
	PTF 04-M6	PTF 10-04
	PTF 04-01	
	PTF 06-M5	
	PTF 06-M6	
	PTF 06-01	
	PTF 06-02	
	PTF 06-03	
	PTF 08-01	
	PTF 08-02	
	PTF 08-03	
	PTF 10-02	

Reducer Tube Splicer PIG	Tube(Metric D1-D2)	
	PIG 06-04	
	PIG 08-04	
	PIG 08-06	
	PIG 10-06	
	PIG 10-08	
	PIG 12-08	
	PIG 12-10	
	PIG 16-12	

Triple Branch A PAT	Tube(Metric)-Thread(R)	
	PAT 04-01(3)	PAT 10-04(3)
	PAT 04-02(3)	PAT 12-02(3)
	PAT 04-03(3)	PAT 12-03(3)
	PAT 06-01(3)	PAT 12-04(3)
	PAT 06-02(3)	
	PAT 06-03(3)	
	PAT 08-01(3)	
	PAT 08-02(3)	
	PAT 08-03(3)	
	PAT 08-04(3)	
	PAT 10-02(3)	
	PAT 10-03(3)	

*安装后可转动接头方向
Rotating body construction after a proper installation

Hex. Holed Banjo POL	Tube(Metric)-Thread(R)	
	POL 04-M5	POL 10-02
	POL 04-M6	POL 10-03
	POL 04-01	POL 10-04
	POL 06-M5	POL 12-03
	POL 06-M6	POL 12-04
	POL 06-01	POL 16-04
	POL 06-02	
	POL 06-03	
	POL 08-01	
	POL 08-02	
	POL 08-03	
	POL 08-04	

*安装后可转动接头方向
Rotating body construction after a proper installation

Plug-in Y PYJ	Tube(Metric)	
	PYJ 04	
	PYJ 06	
	PYJ 08	
	PYJ 10	
	PYJ 12	

Cap PPF	Tube(Metric)	
	PPF 04	
	PPF 06	
	PPF 08	
	PPF 10	
	PPF 12	

Insert Tube CAS	Tube(Metric)	
	CAS 04	
	CAS 06	
	CAS 08	
	CAS 10	
	CAS 12	

Straight Ace Coupler Plug PCP	Tube(Metric)	
	PCP 04	
	PCP 06	
	PCP 08	
	PCP 10	
	PCP 12	
	PCP 16	

G螺纹快速管接头

One-touch Fittings with G Thread

Male Straight PC-G  ØD T	Tube(Metric)-Thread(G)	
	PC 04-G01	PC 10-G04
	PC 04-G02	PC 12-G02
	PC 04-G03	PC 12-G03
	PC 06-G01	PC 12-G04
	PC 06-G02	PC 16-G03
	PC 06-G03	PC 16-G04
	PC 08-G01	
	PC 08-G02	
	PC 08-G03	
	PC 10-G01	
	PC 10-G02	
	PC 10-G03	

Male 45° Elbow PL45-G  ØD T	Tube(Metric)-Thread(G)	
	PL45 04-G01	PL45 10-G02
	PL45 04-G02	PL45 10-G03
	PL45 04-G03	PL45 10-G04
	PL45 06-G01	PL45 12-G01
	PL45 06-G02	PL45 12-G02
	PL45 06-G03	PL45 12-G03
	PL45 06-G04	PL45 12-G04
	PL45 08-G01	
	PL45 08-G02	
	PL45 08-G03	
	PL45 08-G04	
	PL45 10-G01	

Single Universal Elbow PGL  ØD T	Tube(Metric)-Thread(G)	
	PGL 04-G01(1)	
	PGL 06-G01(1)	
	PGL 06-G02(1)	
	PGL 08-G01(1)	
	PGL 08-G02(1)	
	PGL 08-G03(1)	
	PGL 10-G01(1)	
	PGL 10-G02(1)	
	PGL 12-G03(1)	
	PGL 12-G04(1)	

Male Branch Tee PT-G  ØD T ØD	Tube(Metric)-Thread(G)	
	PT 04-G01	PT 10-G04
	PT 04-G02	PT 12-G02
	PT 04-G03	PT 12-G03
	PT 06-G01	PT 12-G04
	PT 06-G02	PT 16-G03
	PT 06-G03	PT 16-G04
	PT 08-G01	
	PT 08-G02	
	PT 08-G03	
	PT 10-G01	
	PT 10-G02	
	PT 10-G03	

Male Run Tee PST-G  ØD T	Tube(Metric)-Thread(G)	
	PST 04-G01	PST 10-G04
	PST 04-G02	PST 12-G02
	PST 04-G03	PST 12-G03
	PST 06-G01	PST 12-G04
	PST 06-G02	PST 16-G04
	PST 06-G03	
	PST 08-G01	
	PST 08-G02	
	PST 08-G03	
	PST 10-G01	
	PST 10-G02	
	PST 10-G03	

Double Universal Elbow PGL  ØD T	Tube(Metric)-Thread(G)	
	PGL 04-G01(2)	
	PGL 06-G01(2)	
	PGL 06-G02(2)	
	PGL 08-G01(2)	
	PGL 08-G02(2)	
	PGL 08-G03(2)	
	PGL 10-G01(2)	
	PGL 10-G02(2)	
	PGL 12-G03(2)	
	PGL 12-G04(2)	

Male Y PWT-G  ØD T	Tube(Metric)-Thread(G)	
	PWT 04-G01	PWT 12-G02
	PWT 04-G02	PWT 12-G03
	PWT 04-G03	PWT 12-G04
	PWT 06-G01	
	PWT 06-G02	
	PWT 06-G03	
	PWT 08-G01	
	PWT 08-G02	
	PWT 08-G03	
	PWT 10-G02	
	PWT 10-G03	
	PWT 10-G04	

Extended Male Elbow PLL-G  ØD T	Tube(Metric)-Thread(G)	
	PLL 04-G01	PLL 10-G04
	PLL 04-G02	PLL 12-G02
	PLL 04-G03	PLL 12-G03
	PLL 06-G01	PLL 12-G04
	PLL 06-G02	
	PLL 06-G03	
	PLL 08-G01	
	PLL 08-G02	
	PLL 08-G03	
	PLL 10-G01	
	PLL 10-G02	
	PLL 10-G03	

Single Universal Tee PGT  ØD T	Tube(Metric)-Thread(G)	
	PGT 04-G01(1)	
	PGT 06-G01(1)	
	PGT 06-G02(1)	
	PGT 08-G01(1)	
	PGT 08-G02(1)	
	PGT 08-G03(1)	
	PGT 10-G02(1)	
	PGT 10-G03(1)	
	PGT 12-G03(1)	
	PGT 12-G04(1)	

Male Branch Tee PL-G  T ØD	Tube(Metric)-Thread(G)	
	PL 04-G01	PL 10-G04
	PL 04-G02	PL 12-G02
	PL 04-G03	PL 12-G03
	PL 06-G01	PL 12-G04
	PL 06-G02	PL 16-G03
	PL 06-G03	PL 16-G04
	PL 08-G01	
	PL 08-G02	
	PL 08-G03	
	PL 10-G01	
	PL 10-G02	
	PL 10-G03	

Male Double Y PXT-G  ØD T	Tube(Metric)-Thread(G)	
	PXT 04-G01	
	PXT 04-G02	
	PXT 06-G01	
	PXT 06-G02	

Triple Universal Elbow PGL  ØD T	Tube(Metric)-Thread(G)	
	PGL 04-G01(3)	
	PGL 06-G01(3)	
	PGL 06-G02(3)	
	PGL 08-G01(3)	
	PGL 08-G02(3)	
	PGL 08-G03(3)	
	PGL 10-G01(3)	
	PGL 10-G02(3)	
	PGL 12-G03(3)	
	PGL 12-G04(3)	

Double Unversal Tee PGT  ØD T	Tube(Metric)-Thread(G)	
	PGT 04-G01(2)	
	PGT 06-G01(2)	
	PGT 06-G02(2)	
	PGT 08-G01(2)	
	PGT 08-G02(2)	
	PGT 08-G03(2)	
	PGT 10-G02(2)	
	PGT 10-G03(2)	
	PGT 12-G03(2)	
	PGT 12-G04(2)	

PGB  T	Thread(G)	
	PGB G01(1)	
	PGB G02(1)	
	PGB G03(1)	
	PGB G04(1)	

Double Universal Elbow PHT-G  ØD T	Tube(Metric)-Thread(G)	
	PHT 04-G01(2)	PHT 10-G04(2)
	PHT 04-G02(2)	PHT 12-G02(2)
	PHT 04-G03(2)	PHT 12-G03(2)
	PHT 06-G01(2)	PHT 12-G04(2)
	PHT 06-G02(2)	
	PHT 06-G03(2)	
	PHT 08-G01(2)	
	PHT 08-G02(2)	
	PHT 08-G03(2)	
	PHT 08-G04(2)	
	PHT 10-G02(2)	
	PHT 10-G03(2)	

G螺纹快速管接头

One-touch Fittings with G Thread

PGT	Tube(Metric)-Thread(G)	PGB	Thread(G)	Triple Universal Elbow PHT-G	Tube(Metric)-Thread(G)
	PGT 04-G01P		PGB G01(2)		PHT 04-G01(3) PHT 10-G04(3)
	PGT 06-G01P		PGB G02(2)		PHT 04-G02(3) PHT 12-G02(3)
	PGT 06-G02P		PGB G03(2)		PHT 04-G03(3) PHT 12-G03(3)
	PGT 08-G01P		PGB G04(2)		PHT 06-G01(3) PHT 12-G04(3)
	PGT 08-G02P				PHT 06-G02(3)
	PGT 08-G03P				PHT 06-G03(3)
	PGT 10-G02P				PHT 08-G01(3)
	PGT 10-G03P				PHT 08-G02(3)
	PGT 12-G03P				PHT 08-G03(3)
	PGT 12-G04P				PHT 08-G04(3)
					PHT 10-G02(3)
					PHT 10-G03(3)

Triple Universal Tee PGT	Tube(Metric)-Thread(G)	PGB	Thread(G)	Double Branch A PAT-G	Tube(Metric)-Thread(G)
	PGT 04-G01(3)		PGB G01(3)		PAT 04-G01(2) PAT 10-G04(2)
	PGT 06-G01(3)		PGB G02(3)		PAT 04-G02(2) PAT 12-G02(2)
	PGT 06-G02(3)		PGB G03(3)		PAT 04-G03(2) PAT 12-G03(2)
	PGT 08-G01(3)		PGB G04(3)		PAT 06-G01(2) PAT 12-G04(2)
	PGT 08-G02(3)				PAT 06-G02(2)
	PGT 08-G03(3)				PAT 06-G03(2)
	PGT 10-G02(3)				PAT 08-G01(2)
	PGT 10-G03(3)				PAT 08-G02(2)
	PGT 12-G03(3)				PAT 08-G03(2)
	PGT 12-G04(3)				PAT 08-G04(2)
					PAT 10-G02(2)
					PAT 10-G03(2)

PGL	Tube(Metric)-Thread(G)	Male Reducer Triple Branch PKD-G	Tube(Metric D1-D2)-Thread(G)	Triple Branch A PAT-G	Tube(Metric)-Thread(G)
	PGL 04-G01P		PKD 06-04-G01		PAT 04-G01(3) PAT 10-G04(3)
	PGL 06-G01P		PKD 08-04-G02		PAT 04-G02(3) PAT 12-G02(3)
	PGL 06-G02P		PKD 08-06-G02		PAT 04-G03(3) PAT 12-G03(3)
	PGL 08-G01P		PKD 10-08-G03		PAT 06-G01(3) PAT 12-G04(3)
	PGL 08-G02P				PAT 06-G02(3)
	PGL 08-G03P				PAT 06-G03(3)
	PGL 10-G02P				PAT 08-G01(3)
	PGL 10-G03P				PAT 08-G02(3)
	PGL 12-G03P				PAT 08-G03(3)
	PGL 12-G04P				PAT 08-G04(3)
					PAT 10-G02(3)
					PAT 10-G03(3)

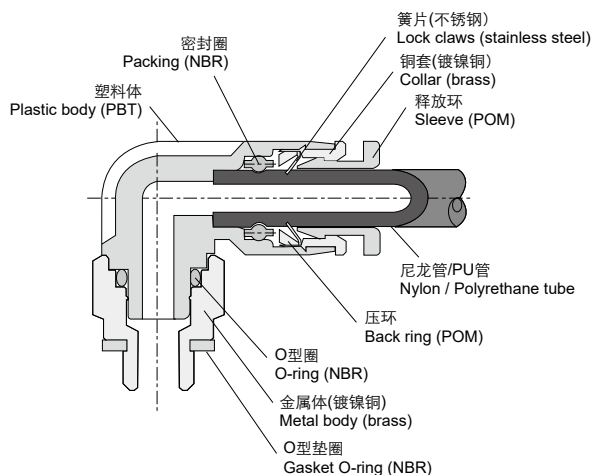
迷你快速管接头

Compact One-touch Fittings

特性 Features

- 迷你型与普通型相比外径尺寸减小 20%。
The compact type is 20% smaller of O.D. in comparison to the conventional type.
- 可选择椭圆形的释放环，在狭窄处连接或拆卸管子仍方便。
The elliptical sleeve is available for easy application or removal of the tube in confined space.

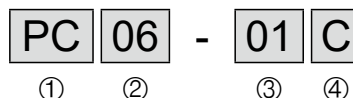
结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order



① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric		
代号 Code	03	04	06
ØD	Ø3	Ø4	Ø6

③ 螺纹规格 Thread size (T)

	公制 Metric			锥管螺纹 Taper pipe thread (BSPT)	G 螺纹 G-thread (BSP)
代号 Code	M3	M5	M6	O1	G01
T	M3x0.5	M5x0.8	M6x1.0	R1/8	G1/8

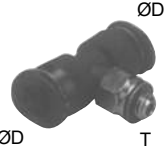
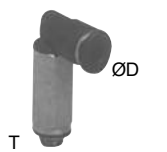
④ 迷你型 Compact

 Male Straight PC-C	Tube(Metric)-Thread(R)	 Union Straight PUC-C	Tube(Metric)	 Round Male Straight POC-C	Tube(Metric)-Thread(R)
	PC 03-M3C		PUC 03C		POC 03-M3C
	PC 03-M5C		PUC 04C		POC 03-M5C
	PC 03-M6C		PUC 06C		POC 03-M6C
	PC 04-M3C				POC 04-M3C
	PC 04-M5C				POC 04-M5C
	PC 04-M6C				POC 04-M6C
	PC 04-01C				POC 04-01C
	PC 06-M5C				POC 06-M5C
	PC 06-M6C				POC 06-M6C
	PC 06-01C				POC 06-01C

 Male Elbow PL-C	Tube(Metric)-Thread(R)	 Union Elbow PUL-C	Tube(Metric)	 Male Run Tee PST-C	Tube(Metric)-Thread(R)
	PL 03-M3C		PUL 03C		PST 03-M3C
	PL 03-M5C		PUL 04C		PST 03-M5C
	PL 03-M6C		PUL 06C		PST 03-M6C
	PL 04-M3C				PST 04-M3C
	PL 04-M5C				PST 04-M5C
	PL 04-M6C				PST 04-M6C
	PL 04-01C				PST 04-01C
	PL 06-M5C				PST 06-M5C
	PL 06-M6C				PST 06-M6C
	PL 06-01C				PST 06-01C

迷你快速管接头

Compact One-touch Fittings

Male Branch Tee PT-C	Tube(Metric)-Thread(R)	Union Tee PUT-C	Tube(Metric)	Extended Male Elbow PLL-C	Tube(Metric)-Thread(R)
	PT 03-M3C PT 03-M5C PT 03-M6C PT 04-M3C PT 04-M5C PT 04-M6C PT 04-01C PT 06-M5C PT 06-M6C PT 06-01C		PUT 03C PUT 04C PUT 06C		PLL 03-M3C PLL 03-M5C PLL 03-M6C PLL 04-M3C PLL 04-M5C PLL 04-M6C PLL 04-01C PLL 06-M5C PLL 06-M6C PLL 06-01C
					

Reducer Y PW-C	Tube(Metric D1-D2)	Bulkhead Union PMM-C	Tube(Metric)	Plug-in Reducer Y PWJ-C	Tube(Metric D1-D2)
	PW 04-03C PW 06-04C		PMM-03C PMM-04C PMM-06C		PWJ 04-03C PWJ 06-04C
					

Female Straight PCF-C	Tube(Metric)-Thread(R)	PCC-C	Tube(Metric)-Thread(R)	Plug-in Elbow PLJ-C	Tube(Metric)
	PCF 03-M3C PCF 03-M5C PCF 04-M3C PCF 04-M5C		PCC 03-M6C PCC 04-M6C PCC 04-M8C PCC 06-M8C * M6: M6x0.75 M8: M8x0.75		PLJ 03C PLJ 04C PLJ 06C
					

Reducer PGJ-C	Tube(Metric D1-D2)	Union Cross PZA-C	Tube(Metric)	Plug-in Y PYJ-C	Tube(Metric)	Bulkhead Union P PLM-C	Tube(Metric)
	PGJ 04-03C PGJ 06-03C PGJ 06-04C		PZA 03C PZA 04C PZA 06C		PYJ 03C PYJ 04C PYJ 06C		PLM 0300C PLM 0400C PLM 0600C
							

Reducer PG-C	Tube(Metric D1-D2)	Union Y PY-C	Tube(Metric)	Cap PPF-C	Tube(Metric)	Plug PP-C	Tube(Metric)
	PG 04-03C PG 06-04C		PY 03C PY 04C PY 06C		PPF 03C PPF 04C PPF 06C		PP 03C PP 04C PP 06C
							

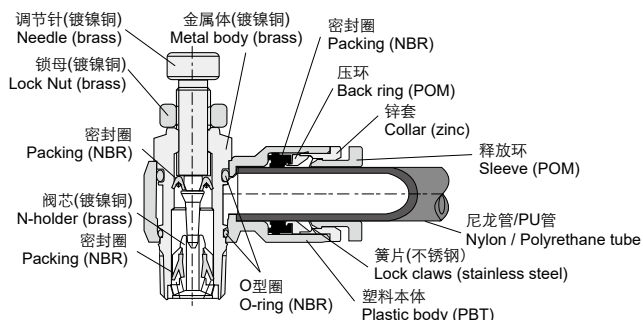
特性 Features

- 通过阀门精确调节大范围空气流量以控制气缸或气爪的工作速度。Valve used for controlling the operation speed of a pneumatic cylinder or gripper by precisely controlling the wide range of airflow.
- 迷你轻量化的类型，可在狭窄处使用。
The compact and light body permits use in confined space.
- 迷你型的设计，可提供与普通限流器相当的空气流量。
The compact design provides a comparable range of airflow as the conventional speed controller does.

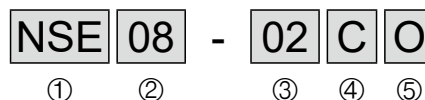
规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

结构图 Structure Diagram



型号表示方法 How to Order



① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric						英制 Inch						
代号 Code	03	04	06	08	10	12	1/8	5/32	3/16	1/4	5/16	3/8	1/2
ØD	Ø3	Ø4	Ø6	Ø8	Ø10	Ø12	Ø1/8	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ 螺纹规格 Thread size (T)

	公制 Metric		锥管螺纹 Taper pipe thread (BSPT)			
代号 Code	M3	M5	01	02	03	04
T	M3x0.5	M5x0.8	R1/8	R1/4	R3/8	R1/2

	G 螺纹 G-thread (BSPP)					统一细牙螺纹 UNF
代号 Code	G01	G02	G03	G04	G06	U10
T	G1/8	G1/4	G3/8	G1/2	G3/4	10-32UNF

	美制锥管螺纹 Taper pipe thread (NPT)			
代号 Code	N01	N02	N03	N04
T	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ 迷你 Compact

⑤ 控制方式 Control type

控制方式 Control type	出气调节 Meter out		进气调节 Meter in	
代号 Code	O		I	
释放环颜色 Sleeve color	标准 Standard	迷你 Compact	标准 Standard	迷你 Compact
	蓝 Blue	黑 Black	红 Red	红 Red
符号 Symbol				

Elbow NSE	Tube(Metric)-Thread(R)		Straight NSS	Tube(Metric)-Thread(R)		Compact Elbow NSE-C	Tube(Metric)-Thread(R)	
	NSE 04-M5	NSE 10-02		NSS 04-M5	NSS 10-02		NSE 03-M3C	
	NSE 04-01	NSE 10-03		NSS 04-01	NSS 10-03		NSE 03-M5C	
	NSE 04-02	NSE 10-04		NSS 04-02	NSS 10-04		NSE 04-M3C	
	NSE 06-M5	NSE 12-02		NSS 06-M5	NSS 12-02		NSE 04-M5C	
	NSE 06-01	NSE 12-03		NSS 06-01	NSS 12-03		NSE 04-01C	
	NSE 06-02	NSE 12-04		NSS 06-02	NSS 12-04		NSE 06-M5C	
	NSE 06-03			NSS 06-03			NSE 06-01C	
	NSE 08-01			NSS 08-01			NSE 06-02C	
	NSE 08-02			NSS 08-02				
	NSE 08-03			NSS 08-03				
	NSE 08-04			NSS 08-04				
Elbow G Thread NSE-G	Tube(Metric)-Thread(G)		Union Straight NSF	Tube(Metric)		Compact Union Straight NSF-C	Tube(Metric)	
	NSE 04-G01	NSE 10-G04		NSF 04			NSF 03C	
	NSE 04-G02	NSE 12-G03		NSF 06				
	NSE 06-G01	NSE 12-G04		NSF 08				
	NSE 06-G02			NSF 10				
	NSE 06-G03			NSF 12				
	NSE 08-G01							
	NSE 08-G02							
	NSE 08-G03							
	NSE 08-G04							
	NSE 10-G02							
	NSE 10-G03							

ARK

单向阀 Check Valve

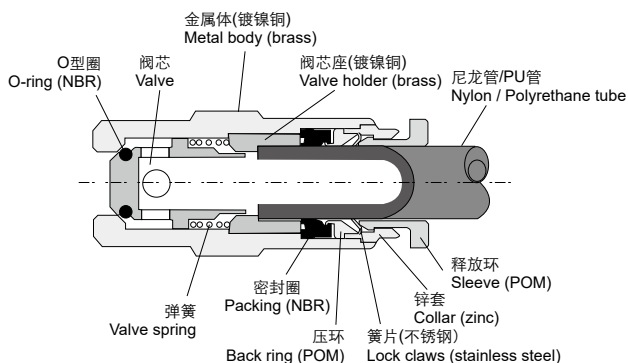
特性 Features

- 单向阀只允许空气单方向流通，阻断逆方向的空气流通。
Check valve permits airflow in one direction, stopping reverse flow.
- 单向阀在 0.01MPa 压力时启动，在真空可维持 0.01MPa，低压状态可连接使用。
Check valve works at pressure of 0.01 MPa, keeps 0.01MPa in vacuum and connects at a low pressure.

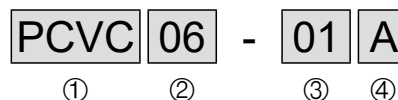
规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

结构图 Structure Diagram



型号表示方法 How to Order



① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric					英制 Inch					
代号 Code	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
ØD	Ø4	Ø6	Ø8	Ø10	Ø12	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ 螺纹规格 Thread size (T)

	公制 Metric		锥管螺纹 Taper pipe thread (BSPT)				G 螺纹 G-thread (BSPP)			
代号 Code	M5	M6	01	02	03	04	G01	G02	G03	G04
T	M5x0.8	M6x1.0	R1/8	R1/4	R3/8	R1/2	G1/8	G1/4	G3/8	G1/2

	统一细牙螺纹 UNF		美制锥管螺纹 Taper pipe thread (NPT)			
代号 Code	U10		N01	N02	N03	N04
T	10-32UNF		NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ 控制方式 Control type

控制方式 Control type	进气调节 Meter in	出气调节 Meter out
代号 Code	A	B
空气流向 Airflow	螺纹流向管子 Thread to Tube	管子流向螺纹 Tube to Thread
PCVC		
PCVF		
*PCVU	* PCVU 按阀体上标示方向进行连接。 Connect PCVU according to the signal on the body.	

Straight PCVC		Tube(Metric)-Thread(R)	
T  ØD		PCVC 04-M5	
		PCVC 04-M6	
		PCVC 04-01	
		PCVC 06-01	
		PCVC 06-02	
		PCVC 08-01	
		PCVC 08-02	
		PCVC 10-03	
		PCVC 10-04	
		PCVC 12-03	
		PCVC 12-04	

Straight PCVC-G		Tube(Metric)-Thread(G)	
ØD  T		PCVC 04-G01	
		PCVC 06-G01	
		PCVC 06-G02	
		PCVC 08-G01	
		PCVC 08-G02	
		PCVC 10-G03	
		PCVC 10-G04	
		PCVC 12-G03	
		PCVC 12-G04	

Bush PCVF		Thread(R)-Thread(R)(T1-T2)	
T2  T1		PCVF 01-01	
		PCVF 02-02	
		PCVF 03-03	
		PCVF 04-04	

Union Straight PCVU	Tube(Metric)	
	PCVU 04	
ØD 	PCVU 06	
	PCVU 08	
	PCVU 10	
	PCVU 12	

Bush PCVF-G	Thread(R)-Thread(R)(T1-T2)	
	PCVF G01-G01	
T1  T2	PCVF G02-G02	
	PCVF G03-G03	
	PCVF G04-G04	

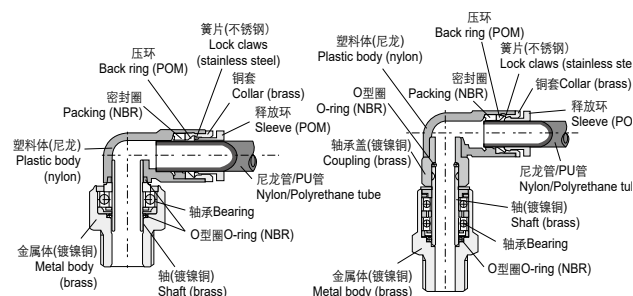
特性 Features

- 装有单排轴承的旋转接头适用于旋转，摇摆及震动的连接部位。
Rotary joints built in single bearing are suitable for swiveling or swinging and vibration connections.
- 装有两排轴承的旋转接头适用于高速旋转的连接部位。
Rotary joints built in double bearings are suitable for the connections of high speed rotation.

规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

结构图 Structure Diagram



型号表示方法 How to Order

NHRC	06	-	01
①	②		③

① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric					英制 Inch					
代号 Code	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
ØD	Ø4	Ø6	Ø8	Ø10	Ø12	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ 螺纹规格 Thread size (T)

	公制 Metric		锥管螺纹 Taper pipe thread (BSPT)				G 螺纹 G-thread (BSPP)			
代号 Code	M5	M6	01	02	03	04	G01	G02	G03	G04
T	M5x0.8	M6x1.0	R1/8	R1/4	R3/8	R1/2	G1/8	G1/4	G3/8	G1/2
	统一细牙螺纹 UNF		美制锥管螺纹 Taper pipe thread (NPT)							
代号 Code	U10		N01		N02		N03		N04	
T	10-32UNF		NPT1/8		NPT1/4		NPT3/8		NPT1/2	

回转数 Number of Revolutions

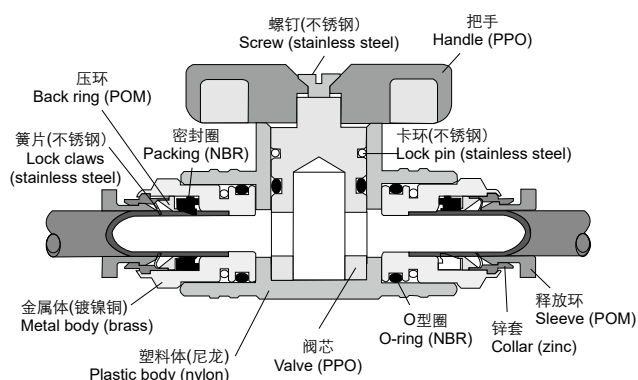
型号 Model	NHRC, NHRL, NHRS, NHRF				
气管外径 Tube O.D. (mm)	Ø4	Ø6	Ø8	Ø10	Ø12
每分钟回转数 r.p.m	1500	1200	1200	1000	1000
型号 Model	NRC, NRL				
气管外径 Tube O.D. (mm)	Ø4	Ø6	Ø8	Ø10	Ø12
每分钟回转数 r.p.m	500	500	400	300	250

Straight NRC 	Tube(Metric)-Thread(R)	Elbow NRL 	Tube(Metric)-Thread(R)	Bush NHRF 	Thread(R)(T1-T2)	Nipple NHRS 	Thread(R)(T1-T2)
	NRC 04-M5 NRC 10-03 NRC 04-M6 NRC 10-04 NRC 04-01 NRC 12-03 NRC 06-M6 NRC 12-04 NRC 06-01 NRC 06-02 NRC 08-01 NRC 08-02 NRC 08-03		NRL 04-M5 NRL 10-03 NRL 04-M6 NRL 10-04 NRL 04-01 NRL 12-03 NRL 06-M6 NRL 12-04 NRL 06-01 NRL 06-02 NRL 08-01 NRL 08-02 NRL 08-03		NHRF 01-01 NHRF 01-02 NHRF 02-01 NHRF 02-02 NHRF 03-03 NHRF 03-04 NHRF 04-03 NHRF 04-04		NHRS 01-01 NHRS 01-02 NHRS 02-01 NHRS 02-02 NHRS 03-03 NHRS 03-04 NHRS 04-03 NHRS 04-04
Straight NHRC 	Tube(Metric)-Thread(R)	Elbow NHRL 	Tube(Metric)-Thread(R)	Bush NHRF-G 	Thread(G)(T1-T2)	Nipple NHRS-G 	Thread(G)(T1-T2)
	NHRC 04-M5 NHRC 12-03 NHRC 04-M6 NHRC 12-04 NHRC 04-01 NHRC 06-01 NHRC 06-02 NHRC 08-01 NHRC 08-02 NHRC 10-03 NHRC 10-04		NHRL 04-M5 NHRL 12-03 NHRL 04-M6 NHRL 12-04 NHRL 04-01 NHRL 06-01 NHRL 06-02 NHRL 08-01 NHRL 08-02 NHRL 10-03 NHRL 10-04		NHRF G01-G01 NHRF G01-G02 NHRF G02-G01 NHRF G02-G02 NHRF G03-G03 NHRF G03-G04 NHRF G04-G03 NHRF G04-G04		NHRS G01-G01 NHRS G01-G02 NHRS G02-G01 NHRS G02-G02 NHRS G03-G03 NHRS G03-G04 NHRS G04-G03 NHRS G04-G04
Straight NRC-G 	Tube(Metric)-Thread(G)	Straight NHRC-G 	Tube(Metric)-Thread(G)	Elbow NRL-G 	Tube(Metric)-Thread(G)	Elbow NHRL-G 	Tube(Metric)-Thread(G)
	NRC 04-G01 NRC 12-G04 NRC 06-G01 NRC 06-G02 NRC 08-G01 NRC 08-G02 NRC 08-G03 NRC 10-G03 NRC 10-G04 NRC 12-G03		NHRC 04-G01 NHRC 12-G04 NHRC 06-G01 NHRC 06-G02 NHRC 08-G01 NHRC 08-G02 NHRC 08-G03 NHRC 10-G03 NHRC 10-G04 NHRC 12-G03		NRL 04-G01 NRL 06-G01 NRL 06-G02 NRL 08-G01 NRL 08-G02 NRL 08-G03 NRL 10-G03 NRL 10-G04 NRL 12-G03 NRL 12-G04		NHRL 04-G01 NHRL 06-G01 NHRL 06-G02 NHRL 08-G01 NHRL 08-G02 NHRL 10-G03 NHRL 10-G04 NHRL 12-G03 NHRL 12-G04

特性 Features

- 截止阀可以控制使用设备供气的开断。
Ball valve controls air supply in the opened and closed positons.
- 因阀体使用 PPS 材料, 不仅用在压缩空气上, 而且可在水管上。
Ball valve is available for water as well as air with PPS plastic body.
- 虽然外形比较小, 但满足管子流量的截面面积。
The sectional dimension of the compact body optimizes as much flow as the tube capacity in proportion

结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	空气, 水 Air, water
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order

BC	20	-	08	02
①	②		③	④

① 型号 Model

② 有效截面积 Effective sectional area (S)

	公制 Metric	
代号 Code	20	60
S	20 mm ²	60 mm ²

③ 气管外径 O.D. of tube (ØD)

	公制 Metric			
代号 Code	06	08	10	12
ØD	Ø6	Ø8	Ø10	Ø12

④ 螺纹规格 Thread size (T)

	锥管螺纹 Taper pipe thread (BSPT)				G 螺纹 G-thread (BSPP)			
代号 Code	01	02	03	04	G01	G02	G03	G04
T	R1/8	R1/4	R3/8	R1/2	G1/8	G1/4	G3/8	G1/2

	Union BUC, Reducing Union BUG	Tube(Metric D1-D2)
		BUC 20-0606 BUC 20-0808 BUC 60-1010 BUC 60-1212
		BUG 20-0806 BUG 60-1210

	Bulkhead Union BM	Tube(Metric D1-D2)
		BM 20-0606 BM 20-0806 BM 20-0808 BM 60-1010 BM 60-1210 BM 60-1212

	Elbow BL	Tube(Metric)-Thread(R)
		BL 20-0601 BL 60-1002 BL 20-0602 BL 60-1003 BL 20-0603 BL 60-1004 BL 20-0801 BL 60-1202 BL 20-0802 BL 60-1203 BL 20-0803 BL 60-1204

	Bulkhead Union Elbow BLM	Tube(Metric D1-D2)
		BLM 20-0606 BLM 20-0806 BLM 20-0808 BLM 60-1010 BLM 60-1210 BLM 60-1212

	Straight BC	Tube(Metric)-Thread(R)
		BC 20-0601 BC 60-1002 BC 20-0602 BC 60-1003 BC 20-0603 BC 60-1004 BC 20-0801 BC 60-1202 BC 20-0802 BC 60-1203 BC 20-0803 BC 60-1204

	Union Elbow BUL, Reducing Union Elbow BLG	Tube(Metric D1-D2)
		BUL 20-0606 BUL 20-0808 BUL 60-1010 BUL 60-1212

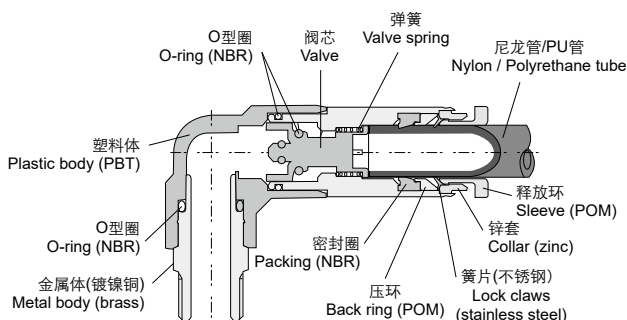
	Elbow BL-G	Tube(Metric)-Thread(G)
		BL 20-06G01 BL 60-10G02 BL 20-06G02 BL 60-10G03 BL 20-06G03 BL 60-10G04 BL 20-08G01 BL 60-12G02 BL 20-08G02 BL 60-12G03 BL 20-08G03 BL 60-12G04

	Straight BC-G	Tube(Metric)-Thread(G)
		BC 20-06G01 BC 60-10G02 BC 20-06G02 BC 60-10G03 BC 20-06G03 BC 60-10G04 BC 20-08G01 BC 60-12G02 BC 20-08G02 BC 60-12G03 BC 20-08G03 BC 60-12G04

特性 Features

- 内置封闭快速管接头在插进管子时双向接通空气，如果拔出管子就截止空气流通，有利于设备的维修和保证安全。
Stop fitting permits two-way airflow upon connecting the tube and will stop airflow once the tube is pulled out, which helps equipment maintenance and ensures safety.

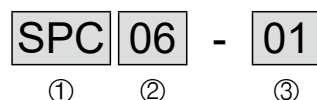
结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order



① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric					英制 Inch					
代号 Code	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
ØD	Ø4	Ø6	Ø8	Ø10	Ø12	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ 螺纹规格 Thread size (T)

	公制 Metric		锥管螺纹 Taper pipe thread (BSPT)				G 螺纹 G-thread (BSPP)			
代号 Code	M5	M6	01	02	03	04	G01	G02	G03	G04
T	M5x0.8	M6x1.0	R1/8	R1/4	R3/8	R1/2	G1/8	G1/4	G3/8	G1/2

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

Elbow SPL-G	Tube(Metric)-Thread(G)	
	SPL 04-G01	
	SPL 06-G01	
	SPL 06-G02	
	SPL 08-G02	
	SPL 08-G03	
	SPL 10-G02	
	SPL 10-G03	
	SPL 10-G04	
	SPL 12-G03	

Straight SPC	Tube(Metric)-Thread(R)	
	SPC 04-01	
	SPC 06-01	
	SPC 06-02	
	SPC 08-02	
	SPC 08-03	
	SPC 10-02	
	SPC 10-03	
	SPC 10-04	
	SPC 12-03	

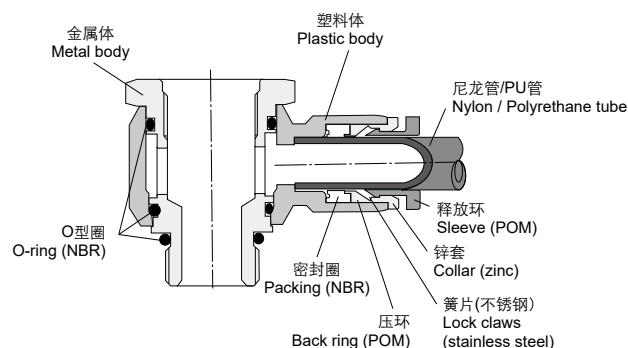
Straight SPC-G	Tube(Metric)-Thread(G)	
	SPC 04-G01	
	SPC 06-G01	
	SPC 06-G02	
	SPC 08-G02	
	SPC 08-G03	
	SPC 10-G02	
	SPC 10-G03	
	SPC 10-G04	
	SPC 12-G03	

Union Straight SPU	Tube(Metric)	
	SPU 04	
	SPU 06	
	SPU 08	
	SPU 10	
	SPU 12	

特性 Features

- 使用在各种汇流铺管密集处。
Used for assembling a variety of manifold blocks for concentrated branching.
- 组合式接头与钢管同等流量。
Main Block provides comparable flow rate to steel piping.
- 十几种样式可根据使用需要自由组合。
Tens of types of different shapes can be combined freely depending on the user's application.

结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order

BHF 14 - 08

① ② ③

① 型号 Model

② 螺纹规格 Thread size (T)

代号 Code	08	12	14	18
T	M8x1.0	M12x1.0	M14x1.0	M18x1.0

代号 Code	M5	M6	01	02	03	04
T	M5x0.8	M6x1.0	R1/8	R1/4	R3/8	R1/2

③ 气管外径 O.D. of tube (ØD)

代号 Code	04	06	08	10	12
ØD	Ø4	Ø6	Ø8	Ø10	Ø12

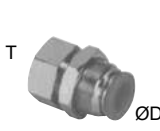
Universal Quick BHF	Thread(M)-Tube(Metric)
	BHF 0804
	BHF 0806
	BHF 1206
	BHF 1208
	BHF 1408
	BHF 1410
	BHF 1412
	BHF 1812

Universal Rc Thread BHMR	Thread(M)-Thread(R) (T1-T2)
	BHMR 08M5
	BHMR 08M6
	BHMR 12M6
	BHMR 1201
	BHMR 1401
	BHMR 1402
	BHMR 1402
	BHMR 1802

Cap BCM	Thread (M)
	BCM 08
	BCM 12
	BCM 14
	BCM 18

Universal Branch BHWF	Thread(M)-Tube(Metric)
	BHWF 1410
	BHWF 1812

Bush BRM	Thread(M)-Thread(R) (T1-T2)
	BRM 08M5
	BRM 12M6
	BRM 1401
	BRM 1802

Bulkhead Reducer BMF	Thread(M)-Tube(Metric)
	BMF 0408
	BMF 0608
	BMF 0612
	BMF 0812
	BMF 1012
	BMF 0814
	BMF 1014
	BMF 1214
	BMF 1218

Universal M Thread BHM	Thread(M)-Thread(M) (T1-T2)
	BHM 1208
	BHM 1412
	BHM 1414
	BHM 1814

Bush BMM	Thread(M)-Thread(M) (T1-T2)
	BMM 1208
	BMM 1412
	BMM 1814

Bush BMR	Thread(M)-Thread(R) (T1-T2)
	BMR 0801
	BMR 1201
	BMR 1202
	BMR 1203
	BMR 1402
	BMR 1403
	BMR 1404
	BMR 1803
	BMR 1804

Elbow BL	Thread(M)-Thread(R) (T1-T2)
	BL 0801
	BL 1201
	BL 1202
	BL 1402
	BL 1403
	BL 1404
	BL 1803
	BL 1804

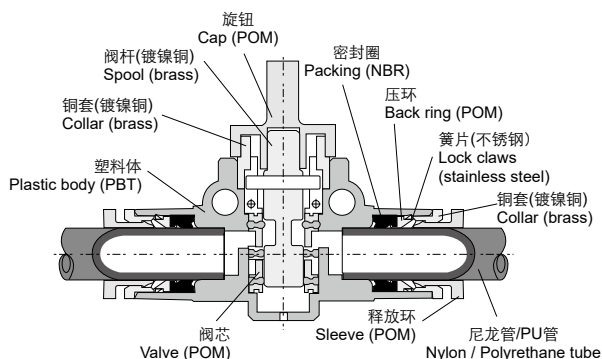
Socket BUMR	Thread(M)-Thread(R) (T1-T2)
	BUMR 0801
	BUMR 1202
	BUMR 1403
	BUMR 1804

Plug BPM	Thread (M)
	BPM 08
	BPM 12
	BPM 14
	BPM 18

特性 Features

- 释放阀用于控制气动设备通气的开关。
Hand valve is used of turning air pressure on and off for pneumatic devices.
- 是3通阀，关闭时同时排出设备中的残留压缩空气，在维修或调试设备时确保安全。
The three-way direction control valve, when the airflow is stopped, discharges residual pressure to air with OFF, which assures safety in repairing or adjusting connected devices.

结构图 Structure Diagram



规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)
负压 Vacuum	-100 KPa (-29.5 in·Hg)
环境及流体温度 Ambient and fluid temperature	0~60°C (32~140°F)
适用气管类型 Applicable tube	PU 管和尼龙管 Polyurethane tube and nylon tube

型号表示方法 How to Order

HVFS **06** - **01**

① ② ③

① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric			
代号 Code	06	08	10	12
ØD	Ø6	Ø8	Ø10	Ø12

③ 螺纹规格 Thread size (T)

	锥管螺纹 Taper pipe thread (BSPT)				G 螺纹 G-thread (BSPP)			
代号 Code	01	02	03	04	G01	G02	G03	G04
T	R1/8	R1/4	R3/8	R1/2	G1/8	G1/4	G3/8	G1/2

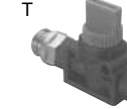
Straight Fitting-Thread HVFS	Tube(Metric)-Thread(R)	
	HVFS 06-01	HVFS 12-03
	HVFS 06-02	HVFS 12-04
	HVFS 06-03	
	HVFS 08-01	
	HVFS 08-02	
	HVFS 08-03	
	HVFS 10-02	
	HVFS 10-03	
	HVFS 10-04	
	HVFS 12-02	

Straight Thread-Fitting HVSF	Tube(Metric)-Thread(R)	
	HVSF 06-01	HVSF 12-03
	HVSF 06-02	HVSF 12-04
	HVSF 06-03	
	HVSF 08-01	
	HVSF 08-02	
	HVSF 08-03	
	HVSF 10-02	
	HVSF 10-03	
	HVSF 10-04	
	HVSF 12-02	

Nipple HVSS	Thread(R)(T1-T2)	
	HVSS 01-01	
	HVSS 02-01	
	HVSS 02-02	
	HVSS 03-02	
	HVSS 03-03	
	HVSS 04-03	
	HVSS 04-04	

Straight Fitting-G Thread HVFS-G	Tube(Metric)-Thread(G)	
	HVFS 06-G01	HVFS 12-G03
	HVFS 06-G02	HVFS 12-G04
	HVFS 06-G03	
	HVFS 08-G01	
	HVFS 08-G02	
	HVFS 08-G03	
	HVFS 10-G02	
	HVFS 10-G03	
	HVFS 10-G04	
	HVFS 12-G02	

Straight G Thread-Fitting HVSF-G	Tube(Metric)-Thread(G)	
	HVSF 06-G01	HVSF 12-G03
	HVSF 06-G02	HVSF 12-G04
	HVSF 06-G03	
	HVSF 08-G01	
	HVSF 08-G02	
	HVSF 08-G03	
	HVSF 10-G02	
	HVSF 10-G03	
	HVSF 10-G04	
	HVSF 12-G02	

Nipple HVSS-G	Thread(G)	
	HVSS G01-G01	
	HVSS G02-G01	
	HVSS G02-G02	
	HVSS G03-G02	
	HVSS G03-G03	
	HVSS G04-G03	
	HVSS G04-G04	

Union Straight HVFF	Tube(Metric D1-D2)	
	HVFF 06-06	
	HVFF 08-06	
	HVFF 08-08	
	HVFF 10-10	
	HVFF 12-10	
	HVFF 12-12	

Nipple Slide Type HSV-M	Thread(R)	
	HSV-M-M5	
	HSV-M-1/8	
	HSV-M-1/4	
	HSV-M-3/8	
	HSV-M-1/2	
	HSV-M-3/4	

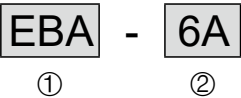
特性 Features

- 消音效果表现突出。
Excellent noise suppression effect.
- 小型化的设计在窄小处也可以安装。
The compact design is suitable for use in confined space.

规格 Specifications

使用流体 Fluid	只可空气 Air only
使用压力范围 Operating pressure range	0~1.0 MPa (150 psi)

型号表示方法 How to Order



① 型号 Model

② 螺纹规格 Thread size (T)

	公制 Metric	锥管螺纹 Taper pipe thread (BSPT)								
代号 Code	M5	6A	8A	10A	15A	20A	25A	32A	40A	50A
T	M5x0.8	R1/8	R1/4	R3/8	R1/2	R3/4	R1	R1 1/4	R1 1/2	R2

Silencer EBA	Thread(R)
	EBA-M5
	EBA-6A
	EBA-8A
	EBA-10A
	EBA-15A
	EBA-20A
	EBA-25A
	EBA-32A
	EBA-40A
	EBA-50A

Silencer EBV	Thread(R)
	EBV-M5
	EBV-6A
	EBV-8A
	EBV-10A
	EBV-15A
	EBV-20A
	EBV-25A

Silencer (Plastic) EPSU	Thread(R)
	EPSU-M5
	EPSU-6A
	EPSU-8A
	EPSU-10A
	EPSU-15A
	EPSU-20A
	EPSU-25A

Silencer (Plastic) ESU	Thread(R)
	ESU-6A
	ESU-8A
	ESU-10A
	ESU-15A
	ESU-20A
	ESU-25A

Silencer Exhaust Throttle EB	Thread(R)
	EB-6A
	EB-8A
	EB-10A
	EB-15A
	EB-20A
	EB-25A

Silencer Exhaust Throttle (Plastic) EPTV	Thread(R)
	EPTV-6A
	EPTV-8A
	EPTV-10A
	EPTV-15A
	EPTV-20A
	EPTV-25A



规格 Specifications

使用流体 Fluid	空气 Air
最高使用压力 (20°C) Max. operating pressure (20°C)	0.9 MPa
破坏压力 Burst pressure	参考破坏压力曲线图 Refer to graph of burst pressure
环境及流体温度 Ambient and fluid temperature	-20~60°C

特性 Features

- 管子表面光洁，柔韧易弯曲，便于安装。
Smooth surface and high flexibility of the tube makes fitting easier.
- 使用寿命长。
Polyurethane tube has quite long service life.

外形尺寸 Dimensions

型号 Model	KPU0425	KPU0604	KPU0805	KPU1065	KPU1208
管外径 O.D. (mm)	4	6	8	10	12
管内径 I.D. (mm)	2.5	4	5	6.5	8
最小弯曲半径 Min. bending radius (mm)	10	15	20	27	35

型号表示方法 How to Order

KPU0805 - Bu - 100

① ② ③

① 型号 Model

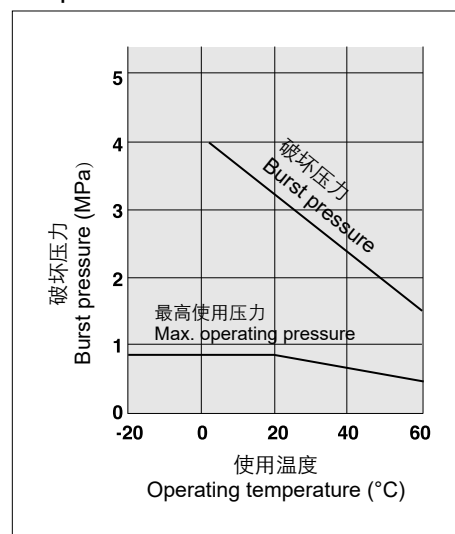
② 气管颜色 Tube color

Bk	黑色 Black
Bu	蓝色 Blue
C	透明 Clear
R	红色 Red
Y	黄色 Yellow
O	橙色 Orange

③ 每卷管子长度 Length per roll of tube

100	100 m
200	200 m

破坏压力曲线图 Graph of Burst Pressure



难燃性双层聚氨酯管 (等同UL-94 V-0标准) Flame Resistant Double-layer Polyurethane Tube (Equivalent to Standard UL-94 V-0) **Series TRBU**



规格 Specifications

使用流体 Fluid	空气, 水 Air, water		
最高使用压力 (20°C) Max. operating pressure (20°C)	0.8 MPa		
破坏压力 Burst pressure	参考破坏压力曲线图 Refer to graph of burst pressure		
环境及流体温度 Ambient and fluid temperature	空气 Air: -20~60°C 水 Water: 0~40°C (不冻结 No freezing)		
材质 Material	外层管 External layer	聚烯系树脂 (相当于 UL-94, 标准 V-0) Polyolefin (Equivalent to UL-94 standard V-0)	
	* 内层管 Internal tube	聚氨酯 Polyurethane	

* 所有内层管颜色为黑色。Color of internal tube of all is black.

外形尺寸 Dimensions

型号 Model	TRBU0604	TRBU0805	TRBU1065	TRBU1208
内管外径 O.D. of internal tube (mm)	6	8	10	12
内管外径 I.D. of internal tube (mm)	4	5	6.5	8
外层管厚度 Thickness of external layer (mm)	1	1	1	1
最小弯曲半径 Min. bending radius (mm)	15	20	27	35

型号表示方法 How to Order

TRBU1065 - Bu - 100

① ② ③

① 型号 Model

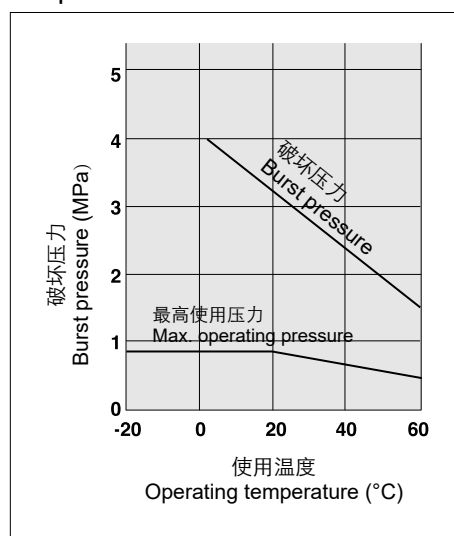
② 气管颜色 Tube color

Bk	黑色 Black
Bu	蓝色 Blue
R	红色 Red
Y	黄色 Yellow
O	橙色 Orange

③ 每卷管子长度 Length per roll of tube

20	20 m
100	100 m

破坏压力曲线图 Graph of Burst Pressure



尼龙管(尼龙12) Nylon Tube (Nylon 12) Series **KNY12**



规格 Specifications

使用流体 Fluid	空气, 水 Air, water
最高使用压力 (20°C) Max. operating pressure (20°C)	参考最高使用压力曲线图 Refer to graph of max. operating pressure
破坏压力 Burst pressure	≈ 3 倍最高使用压力 ≈ 3 times of max. operating pressure
环境及流体温度 Ambient and fluid temperature	-40~100°C

特性 Features

- 管子表面光洁, 柔韧易弯曲, 便于安装。
Smooth surface and high flexibility of the tube makes fitting easier.
- 尼龙管具有很好的耐高压, 耐腐蚀, 耐热性, 使用寿命长。Nylon tube has good performance in higher pressure proof, anticorrosion and heat resistance with long service life.

外形尺寸 Dimensions

型号 Model	KNY12-0425	KNY12-0604	KNY12-0806	KNY12-1008	KNY12-1209	KNY12-1613
管外径 O.D. (mm)	4	6	8	10	12	16
管内径 I.D. (mm)	2.5	4	6	8	9	13
最小弯曲半径 Min. bending radius (mm)	20	40	50	65	70	130

型号表示方法 How to Order

KNY12-1008 - B - 100

① ② ③

① 型号 Model

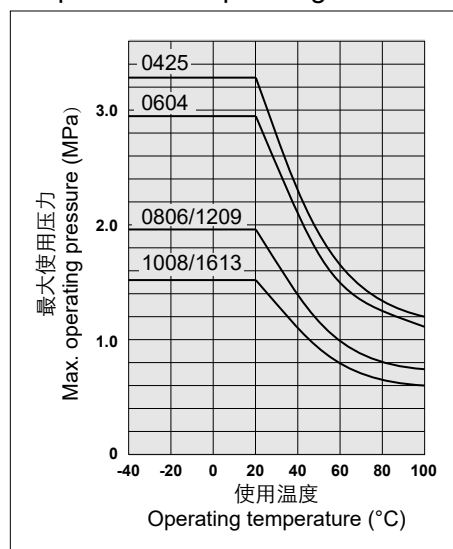
② 气管颜色 Tube color

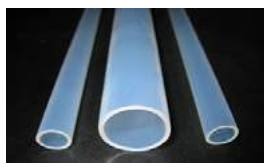
B	黑色 Black
W	白色 White

③ 每卷管子长度 Length per roll of tube

100	100 m
200	200 m

最高使用压力曲线图 Graph of Max. Operating Pressure





规格 Specifications

使用流体 Fluid	空气, 水, 化学液体等 Air, water, chemical liquid, etc.
最高使用压力 (20°C) Max. operating pressure (20°C)	参考最高使用压力曲线图 Refer to graph of max. operating pressure
破坏压力 Burst pressure	≈ 3 倍最高使用压力 ≈ 3 times of max. operating pressure
环境及流体温度 Ambient and fluid temperature	-40~200°C

特性 Features

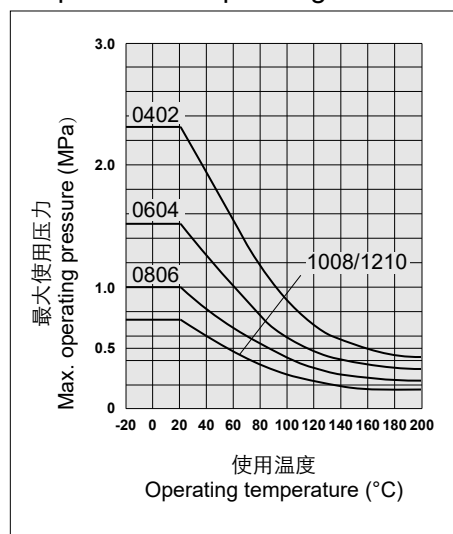
- 出色的抗黏附性能和极好的耐腐蚀性能。
Exceptionally non-adhesive and anticorrosive.
- 具有气候适应性, 适合高温环境使用, 且不易老化。
Climate adaptable and suitable under high temperature conditions with lowest aging.

外形尺寸 Dimensions

型号 Model	PTFE0402	PTFE0604	PTFE0806	PTFE1008	PTFE1210
管外径 O.D. (mm)	4	6	8	10	12
管内径 I.D. (mm)	2	4	6	8	10
最小弯曲半径 Min. bending radius (mm)	15	35	60	100	130

最高使用压力曲线图

Graph of Max. Operating Pressure



型号表示方法 How to Order

PTFE0806 - W - 100

① ② ③

① 型号 Model

② 气管颜色 Tube color

W	白色 White
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③ 每卷管子长度 Length per roll of tube

100	100 m (PTFE0806, PTFE1008, PTFE1210)
200	200 m (PTFE0402, PTFE0604)

特性 Features

- 不使用工具单手可以重复多次安装和拆卸。Without using tools, connection and disconnection can be repeated several times by one hand.
- 镀镍黄铜材质防腐耐污。Nickel-plated brass body ensures anti-corrosion and fouling resistance.
- 使用可简易替换的 O 型密封圈。The O sealing ring is used and can be easily replaced.

型号表示方法 How to Order

(适用所有金属接头 Valid for all metal fittings)

MPC **06** - **02** - **304**

① ② ③ ④

① 型号 Model

② 气管外径 O.D. of tube (ØD)

	公制 Metric							
代号 Code	04	05	06	08	10	12	14	16
ØD (mm)	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16

③ 螺纹规格 Thread size (T)

	公制 Metric									
代号 Code	M3	M5	M6	M8	M10	M12	M12A	M14	M16	M20
T	M3x0.5	M5x0.8	M6x1	M8x1	M10x1	M12x1.25	M12x1.5	M14x1.5	M16x1.5	M20x1.5

	锥管螺纹 Taper pipe thread (BSPT)						G 螺纹 G-thread (BSPP)			
代号 Code	01	02	03	04	06	08	G01	G02	G03	G04
T	R1/8	R1/4	R3/8	R1/2	R3/4	R1	G1/8	G1/4	G3/8	G1/2

	统一细牙螺纹 UNF		美制锥管螺纹 Taper pipe thread (NPT)							
代号 Code	U10		N00	N01	N02	N03	N04	N06	N08	
T	10-32UNF		NPT1/16	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4	NPT1	

④ 材质 Body material

-	黄铜 Brass
304	不锈钢 Stainless Steel SS304
316	不锈钢 Stainless Steel SS316

Male Stud MPC	Tube(Metric)-Thread(R)
	MPC03-M3 MPC08-03
	MPC03-M5 MPC08-04
	MPC04-M5 MPC10-01
	MPC04-01 MPC10-02
	MPC04-02 MPC10-03
	MPC05-M5 MPC10-04
	MPC05-01 MPC12-02
	MPC05-02 MPC12-03
	MPC06-M5 MPC12-04
	MPC06-01 MPC14-03
	MPC06-02 MPC14-04
	MPC08-01 MPC16-03
	MPC08-02 MPC16-04

Round Male Stud MPOC	Tube(Metric)-Thread(R)
	MPOC03-M3 MPOC08-03
	MPOC03-M5 MPOC08-04
	MPOC04-M5 MPOC10-01
	MPOC04-01 MPOC10-02
	MPOC04-02 MPOC10-03
	MPOC05-M5 MPOC10-04
	MPOC05-01 MPOC12-02
	MPOC05-02 MPOC12-03
	MPOC06-M5 MPOC12-04
	MPOC06-01 MPOC14-03
	MPOC06-02 MPOC14-04
	MPOC08-01 MPOC16-03
	MPOC08-02 MPOC16-04

Female Stud MPCF	Tube(Metric)-Thread(R)
	MPCF04-01 MPCF10-04
	MPCF04-02 MPCF12-01
	MPCF05-01 MPCF12-02
	MPCF05-02 MPCF12-03
	MPCF06-01 MPCF12-04
	MPCF06-02 MPCF14-03
	MPCF08-01 MPCF14-04
	MPCF08-02 MPCF16-03
	MPCF08-03 MPCF16-04
	MPCF08-04
	MPCF10-01
	MPCF10-02
	MPCF10-03

Male Stud Swivel Elbow MPL	Tube(Metric)-Thread(R)
	MPL03-M3 MPL08-03
	MPL03-M5 MPL08-04
	MPL04-M5 MPL10-01
	MPL04-01 MPL10-02
	MPL04-02 MPL10-03
	MPL05-M5 MPL10-04
	MPL05-01 MPL12-02
	MPL05-02 MPL12-03
	MPL06-M5 MPL12-04
	MPL06-01 MPL14-03
	MPL06-02 MPL14-04
	MPL08-01 MPL16-03
	MPL08-02 MPL16-04

Male Stud Elbow MPLN	Tube(Metric)-Thread(R)
	MPLN03-M3 MPLN08-03
	MPLN03-M5 MPLN08-04
	MPLN04-M5 MPLN10-01
	MPLN04-01 MPLN10-02
	MPLN04-02 MPLN10-03
	MPLN05-M5 MPLN10-04
	MPLN05-01 MPLN12-02
	MPLN05-02 MPLN12-03
	MPLN06-M5 MPLN12-04
	MPLN06-01 MPLN14-03
	MPLN06-02 MPLN14-04
	MPLN08-01 MPLN16-03
	MPLN08-02 MPLN16-04

Extended Male Elbow MPLL	Tube(Metric)-Thread(R)
	MPLL04-M5 MPLL10-01
	MPLL04-01 MPLL10-02
	MPLL04-02 MPLL10-03
	MPLL05-M5 MPLL10-04
	MPLL05-01 MPLL12-01
	MPLL05-02 MPLL12-02
	MPLL06-M5 MPLL12-03
	MPLL06-01 MPLL12-04
	MPLL06-02 MPLL14-03
	MPLL08-01 MPLL14-04
	MPLL08-02 MPLL16-03
	MPLL08-03 MPLL16-04
	MPLL08-04

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Metal Push-in Fittings

Female Stud Elbow MPLF	Tube(Metric)-Thread(R)	
	MPLF04-01	MPLF10-04
	MPLF04-02	MPLF12-01
	MPLF05-01	MPLF12-02
	MPLF05-02	MPLF12-03
	MPLF06-01	MPLF12-04
	MPLF06-02	MPLF14-03
	MPLF08-01	MPLF14-04
	MPLF08-02	MPLF16-03
	MPLF08-03	MPLF16-04
	MPLF08-04	
	MPLF10-01	
	MPLF10-02	
	MPLF10-03	

Male Y MPX	Tube(Metric)-Thread(R)	
	MPX04-M5	MPX10-01
	MPX04-01	MPCF12-01
	MPX04-02	MPX10-03
	MPX05-M5	MPX10-04
	MPX05-01	MPX12-01
	MPX05-02	MPX12-02
	MPX06-M5	MPX12-03
	MPX06-01	MPX12-04
	MPX06-02	MPX14-03
	MPX08-01	MPX14-04
	MPX08-02	MPX16-03
	MPX08-03	MPX16-04
	MPX08-04	

Female Standpipe MPCFJ	Tube(Metric)-Thread(R)	
	MPCFJ04-01	MPCFJ10-04
	MPCFJ04-02	MPCFJ12-01
	MPCFJ05-01	MPCFJ12-02
	MPCFJ05-02	MPCFJ12-03
	MPCFJ06-01	MPCFJ12-04
	MPCFJ06-02	MPCFJ14-03
	MPCFJ08-01	MPCFJ14-04
	MPCFJ08-02	MPCFJ16-03
	MPCFJ08-03	MPCFJ16-04
	MPCFJ08-04	
	MPCFJ10-01	
	MPCFJ10-02	
	MPCFJ10-03	

Triple Male Banjo MTPH	Tube(Metric)-Thread(R)	
	MTPH04-M5	MTPH10-01
	MTPH04-01	MTPH10-02
	MTPH04-02	MTPH10-03
	MTPH05-M5	MTPH10-04
	MTPH05-01	MTPH12-01
	MTPH05-02	MTPH12-02
	MTPH06-M5	MTPH12-03
	MTPH06-01	MTPH12-04
	MTPH06-02	MTPH14-03
	MTPH08-01	MTPH14-04
	MTPH08-02	MTPH16-03
	MTPH08-03	MTPH16-04
	MTPH08-04	

Double Male Double Banjo MDPK	Tube(Metric)-Thread(R)	
	MDPK04-M5	MDPK10-01
	MDPK04-01	MDPK10-02
	MDPK04-02	MDPK10-03
	MDPK05-M5	MDPK10-04
	MDPK05-01	MDPK12-01
	MDPK05-02	MDPK12-02
	MDPK06-M5	MDPK12-03
	MDPK06-01	MDPK12-04
	MDPK06-02	MDPK14-03
	MDPK08-01	MDPK14-04
	MDPK08-02	MDPK16-03
	MDPK08-03	MDPK16-04
	MDPK08-04	

Union Elbow MPUL	Tube(Metric)	
	MPUL03	
	MPUL04	
	MPUL05	
	MPUL06	
	MPUL08	
	MPUL10	
	MPUL12	
	MPUL14	
	MPUL16	

Male Stud Branch Tee MPT	Tube(Metric)-Thread(R)	
	MPT04-M5	MPT10-01
	MPT04-01	MPT10-02
	MPT04-02	MPT10-03
	MPT05-M5	MPT10-04
	MPT05-01	MPT12-01
	MPT05-02	MPT12-02
	MPT06-M5	MPT12-03
	MPT06-01	MPT12-04
	MPT06-02	MPT14-03
	MPT08-01	MPT14-04
	MPT08-02	MPT16-03
	MPT08-03	MPT16-04
	MPT08-04	

Bulkhead Straight MPMF	Tube(Metric)-Thread(R)	
	MPMF04-01	MPMF10-04
	MPMF04-02	MPMF12-01
	MPMF05-01	MPMF12-02
	MPMF05-02	MPMF12-03
	MPMF06-01	MPMF12-04
	MPMF06-02	MPMF14-03
	MPMF08-01	MPMF14-04
	MPMF08-02	MPMF16-03
	MPMF08-03	MPMF16-04
	MPMF08-04	
	MPMF10-01	
	MPMF10-02	
	MPMF10-03	

Single Male Banjo MPH	Tube(Metric)-Thread(R)	
	MPH04-M5	MPH10-01
	MPH04-01	MPH10-02
	MPH04-02	MPH10-03
	MPH05-M5	MPH10-04
	MPH05-01	MPH12-01
	MPH05-02	MPH12-02
	MPH06-M5	MPH12-03
	MPH06-01	MPH12-04
	MPH06-02	MPH14-03
	MPH08-01	MPH14-04
	MPH08-02	MPH16-03
	MPH08-03	MPH16-04
	MPH08-04	

Female Banjo MPHF	Tube(Metric)-Thread(R)	
	MPHF04-01	MPHF10-04
	MPHF04-02	MPHF12-01
	MPHF05-01	MPHF12-02
	MPHF05-02	MPHF12-03
	MPHF06-01	MPHF12-04
	MPHF06-02	MPHF14-03
	MPHF08-01	MPHF14-04
	MPHF08-02	MPHF16-03
	MPHF08-03	MPHF16-04
	MPHF08-04	
	MPHF10-01	
	MPHF10-02	
	MPHF10-03	

Triple Male Double Banjo MTPK	Tube(Metric)-Thread(R)	
	MTPK04-M5	MTPK10-01
	MTPK04-01	MTPK10-02
	MTPK04-02	MTPK10-03
	MTPK05-M5	MTPK10-04
	MTPK05-01	MTPK12-01
	MTPK05-02	MTPK12-02
	MTPK06-M5	MTPK12-03
	MTPK06-01	MTPK12-04
	MTPK06-02	MTPK14-03
	MTPK08-01	MTPK14-04
	MTPK08-02	MTPK16-03
	MTPK08-03	MTPK16-04
	MTPK08-04	

Union Tee MPUT	Tube(Metric)	
	MPUT03	
	MPUT04	
	MPUT05	
	MPUT06	
	MPUT08	
	MPUT10	
	MPUT12	
	MPUT14	
	MPUT16	

Male Run Tee MPD	Tube(Metric)-Thread(R)	
	MPD04-M5	MPD10-01
	MPD04-01	MPD10-02
	MPD04-02	MPD10-03
	MPD05-M5	MPD10-04
	MPD05-01	MPD12-01
	MPD05-02	MPD12-02
	MPD06-M5	MPD12-03
	MPD06-01	MPD12-04
	MPD06-02	MPD14-03
	MPD08-01	MPD14-04
	MPD08-02	MPD16-03
	MPD08-03	MPD16-04
	MPD08-04	

Male Standpipe MPCJ	Tube(Metric)-Thread(R)	
	MPCJ04-M5	MPCJ10-01
	MPCJ04-01	MPCJ10-02
	MPCJ04-02	MPCJ10-03
	MPCJ05-M5	MPCJ10-04
	MPCJ05-01	MPCJ12-01
	MPCJ05-02	MPCJ12-02
	MPCJ06-M5	MPCJ12-03
	MPCJ06-01	MPCJ12-04
	MPCJ06-02	MPCJ14-03
	MPCJ08-01	MPCJ14-04
	MPCJ08-02	MPCJ16-03
	MPCJ08-03	MPCJ16-04
	MPCJ08-04	

Double Male Banjo MDPH	Tube(Metric)-Thread(R)	
	MDPH04-M5	MDPH10-01
	MDPH04-01	MDPH10-02
	MDPH04-02	MDPH10-03
	MDPH05-M5	MDPH10-04
	MDPH05-01	MDPH12-01
	MDPH05-02	MDPH12-02
	MDPH06-M5	MDPH12-03
	MDPH06-01	MDPH12-04
	MDPH06-02	MDPH14-03
	MDPH08-01	MDPH14-04
	MDPH08-02	MDPH16-03
	MDPH08-03	MDPH16-04
	MDPH08-04	

Single Male Double Banjo MPK	Tube(Metric)-Thread(R)	
	MPK04-M5	MPK10-01
	MPK04-01	MPK10-02
	MPK04-02	MPK10-03
	MPK05-M5	MPK10-04
	MPK05-01	MPK12-01
	MPK05-02	MPK12-02
	MPK06-M5	MPK12-03
	MPK06-01	MPK12-04
	MPK06-02	MPK14-03
	MPK08-01	MPK14-04
	MPK08-02	MPK16-03
	MPK08-03	MPK16-04
	MPK08-04	

Union Straight MPUC	Tube(Metric)	
	MPUC03	
	MPUC04	
	MPUC05	
	MPUC06	
	MPUC08	
	MPUC10	
	MPUC12	
	MPUC14	
	MPUC16	

Union Y MPY	Tube(Metric)	
	MPY03	
	MPY04	
	MPY05	
	MPY06	
	MPY08	
	MPY10	
	MPY12	
	MPY14	
	MPY16	

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Metal Push-in Fittings

Bulkhead Union MPM  ØD	Tube(Metric) MPM03 MPM04 MPM05 MPM06 MPM08 MPM10 MPM12 MPM14 MPM16
Plug MPP  ØD	Tube(Metric) MPP03 MPP04 MPP05 MPP06 MPP08 MPP10 MPP12 MPP14 MPP16
Plug-in Reducer MPGJ  ØD1 ØD2	Tube(Metric D1-D2) MPGJ06-04 MPGJ08-04 MPGJ08-06 MPGJ10-06 MPGJ10-08 MPGJ12-06 MPGJ12-08 MPGJ12-10
Plug-in Tee MPTJ  ØD ØD	Tube(Metric) MPTJ04 MPTJ05 MPTJ06 MPTJ08 MPTJ10 MPTJ12 MPTJ14 MPTJ16
Plug-in Reducer Run Tee MPDGJ  ØD1 ØD2	Tube(Metric D1-D2) MPDGJ06-04 MPDGJ08-04 MPDGJ08-06 MPDGJ10-06 MPDGJ10-08 MPDGJ12-06 MPDGJ12-08 MPDGJ12-10
Plug-in Barb MBJ  ØD1 ØD2	Tube(Metric D1-D2) MBJ07-04 MBJ08-04 MBJ08-06 MBJ10-06 MBJ10-08 MBJ12-06 MBJ12-08 MBJ12-10
Union Cross MPZA  ØD	Tube(Metric) MPZA03 MPZA04 MPZA05 MPZA06 MPZA08 MPZA10 MPZA12 MPZA14 MPZA16
Union Reducer MPG  ØD1 ØD2	Tube(Metric D1-D2) MPG06-04 MPG08-04 MPG08-06 MPG10-06 MPG10-08 MPG12-08 MPG12-10 MPG14-10 MPG14-12 MPG16-12
Plug-in Elbow MPLJ  ØD ØD	Tube(Metric) MPLJ04 MPLJ05 MPLJ06 MPLJ08 MPLJ10 MPLJ12 MPLJ14 MPLJ16
Plug-in Reducer Tee MPTGJ  ØD1 ØD2	Tube(Metric D1-D2) MPTGJ06-04 MPTGJ08-04 MPTGJ08-06 MPTGJ10-06 MPTGJ10-08 MPTGJ12-06 MPTGJ12-08 MPTGJ12-10
Plug-in Y MPXJ  ØD ØD	Tube(Metric) MPXJ04 MPXJ05 MPXJ06 MPXJ08 MPXJ10 MPXJ12 MPXJ14 MPXJ16
Plug-in MJ  ØD	Tube(Metric) MJ03 MJ04 MJ05 MJ06 MJ08 MJ10 MJ12 MJ14 MJ16
Cap MPPF  ØD	Tube(Metric) MPPF03 MPPF04 MPPF05 MPPF06 MPPF08 MPPF10 MPPF12 MPPF14 MPPF16
Union Tee Reducer MPTG  ØD1 ØD2	Tube(Metric D1-D2) MPTG06-04 MPTG08-04 MPTG08-06 MPTG10-06 MPTG10-08 MPTG12-08 MPTG12-10 MPTG14-10 MPTG14-12 MPTG16-12
Plug-in Reducer Elbow MPLGJ  ØD1 ØD2	Tube(Metric D1-D2) MPLGJ06-04 MPLGJ08-04 MPLGJ08-06 MPLGJ10-06 MPLGJ10-08 MPLGJ12-06 MPLGJ12-08 MPLGJ12-10
Plug-in Run Tee MPDJ  ØD ØD ØD	Tube(Metric) MPDJ04 MPDJ05 MPDJ06 MPDJ08 MPDJ10 MPDJ12 MPDJ14 MPDJ16
Plug-in Reducer Y MPXGJ  ØD1 ØD2	Tube(Metric D1-D2) MPXGJ06-04 MPXGJ08-04 MPXGJ08-06 MPXGJ10-06 MPXGJ10-08 MPXGJ12-06 MPXGJ12-08 MPXGJ12-10

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Metal Push-in Fittings with G Thread

Male Stud MPC-G	Tube(Metric)-Thread(G)
	MPC03-G01 MPC10-G03
	MPC04-G01 MPC10-G04
	MPC04-G02 MPC12-G01
	MPC05-G01 MPC12-G02
	MPC05-G02 MPC12-G03
	MPC06-G01 MPC12-G04
	MPC06-G02 MPC14-G03
	MPC08-G01 MPC14-G04
	MPC08-G02 MPC16-G03
	MPC08-G03 MPC16-G04
	MPC08-G04
	MPC10-G01
	MPC10-G02

Round Male Stud MPOC-G	Tube(Metric)-Thread(G)
	MPOC03-G01 MPOC10-G03
	MPOC04-G01 MPOC10-G04
	MPOC04-G02 MPOC12-G01
	MPOC05-G01 MPOC12-G02
	MPOC05-G02 MPOC12-G03
	MPOC06-G01 MPOC12-G04
	MPOC06-G02 MPOC14-G03
	MPOC08-G01 MPOC14-G04
	MPOC08-G02 MPOC16-G03
	MPOC08-G03 MPOC16-G04
	MPOC08-G04
	MPOC10-G01
	MPOC10-G02

Male Stud Elbow MPL-G	Tube(Metric)-Thread(G)
	MPL03-G01 MPL10-G03
	MPL04-G01 MPL10-G04
	MPL04-G02 MPL12-G01
	MPL05-G01 MPL12-G02
	MPL05-G02 MPL12-G03
	MPL06-G01 MPL12-G04
	MPL06-G02 MPL14-G03
	MPL08-G01 MPL14-G04
	MPL08-G02 MPL16-G03
	MPL08-G03 MPL16-G04
	MPL08-G04
	MPL10-G01
	MPL10-G02

Extended Male Elbow MPLL-G	Tube(Metric)-Thread(G)
	MPLL04-G01 MPLL10-G04
	MPLL04-G02 MPLL12-G01
	MPLL05-G01 MPLL12-G02
	MPLL05-G02 MPLL12-G03
	MPLL06-G01 MPLL12-G04
	MPLL06-G02 MPLL14-G03
	MPLL08-G01 MPLL14-G04
	MPLL08-G02 MPLL16-G03
	MPLL08-G03 MPLL16-G04
	MPLL08-G04
	MPLL10-G01
	MPLL10-G02
	MPLL10-G03

Male Stud Branch Tee MPT-G	Tube(Metric)-Thread(G)
	MPT04-G01 MPT10-G04
	MPT04-G02 MPT12-G01
	MPT05-G01 MPT12-G02
	MPT05-G02 MPT12-G03
	MPT06-G01 MPT12-G04
	MPT06-G02 MPT14-G03
	MPT08-G01 MPT14-G04
	MPT08-G02 MPT16-G03
	MPT08-G03 MPT16-G04
	MPT08-G04
	MPT10-G01
	MPT10-G02
	MPT10-G03

Male Run Tee MPD-G	Tube(Metric)-Thread(G)
	MPD04-G01 MPD10-G04
	MPD04-G02 MPD12-G01
	MPD05-G01 MPD12-G02
	MPD05-G02 MPD12-G03
	MPD06-G01 MPD12-G04
	MPD06-G02 MPD14-G03
	MPD08-G01 MPD14-G04
	MPD08-G02 MPD16-G03
	MPD08-G03 MPD16-G04
	MPD08-G04
	MPD10-G01
	MPD10-G02
	MPD10-G03

Male Y MPX-G	Tube(Metric)-Thread(G)
	MPX04-G01 MPX10-G04
	MPX04-G02 MPX12-G01
	MPX05-G01 MPX12-G02
	MPX05-G02 MPX12-G03
	MPX06-G01 MPX12-G04
	MPX06-G02 MPX14-G03
	MPX08-G01 MPX14-G04
	MPX08-G02 MPX16-G03
	MPX08-G03 MPX16-G04
	MPX08-G04
	MPX10-G01
	MPX10-G02
	MPX10-G03

Male Standpipe MPCJ-G	Tube(Metric)-Thread(G)
	MPCJ04-G01 MPCJ10-G04
	MPCJ04-G02 MPCJ12-G01
	MPCJ05-G01 MPCJ12-G02
	MPCJ05-G02 MPCJ12-G03
	MPCJ06-G01 MPCJ12-G04
	MPCJ06-G02 MPCJ14-G03
	MPCJ08-G01 MPCJ14-G04
	MPCJ08-G02 MPCJ16-G03
	MPCJ08-G03 MPCJ16-G04
	MPCJ08-G04
	MPCJ10-G01
	MPCJ10-G02
	MPCJ10-G03

Single Male Banjo MPH-G	Tube(Metric)-Thread(G)
	MPH04-G01 MPH10-G04
	MPH04-G02 MPH12-G01
	MPH05-G01 MPH12-G02
	MPH05-G02 MPH12-G03
	MPH06-G01 MPH12-G04
	MPH06-G02 MPH14-G03
	MPH08-G01 MPH14-G04
	MPH08-G02 MPH16-G03
	MPH08-G03 MPH16-G04
	MPH08-G04
	MPH10-G01
	MPH10-G02
	MPH10-G03

Double Male Banjo MDPH-G	Tube(Metric)-Thread(G)
	MDPH04-G01 MDPH10-G04
	MDPH04-G02 MDPH12-G01
	MDPH05-G01 MDPH12-G02
	MDPH05-G02 MDPH12-G03
	MDPH06-G01 MDPH12-G04
	MDPH06-G02 MDPH14-G03
	MDPH08-G01 MDPH14-G04
	MDPH08-G02 MDPH16-G03
	MDPH08-G03 MDPH16-G04
	MDPH08-G04
	MDPH10-G01
	MDPH10-G02
	MDPH10-G03

Triple Male Banjo MTPH-G	Tube(Metric)-Thread(G)
	MTPH04-G01 MTPH10-G04
	MTPH04-G02 MTPH12-G01
	MTPH05-G01 MTPH12-G02
	MTPH05-G02 MTPH12-G03
	MTPH06-G01 MTPH12-G04
	MTPH06-G02 MTPH14-G03
	MTPH08-G01 MTPH14-G04
	MTPH08-G02 MTPH16-G03
	MTPH08-G03 MTPH16-G04
	MTPH08-G04
	MTPH10-G01
	MTPH10-G02
	MTPH10-G03

Female Banjo MPHF-G	Tube(Metric)-Thread(G)
	MPHF04-G01 MPHF10-G04
	MPHF04-G02 MPHF12-G01
	MPHF05-G01 MPHF12-G02
	MPHF05-G02 MPHF12-G03
	MPHF06-G01 MPHF12-G04
	MPHF06-G02 MPHF14-G03
	MPHF08-G01 MPHF14-G04
	MPHF08-G02 MPHF16-G03
	MPHF08-G03 MPHF16-G04
	MPHF08-G04
	MPHF10-G01
	MPHF10-G02
	MPHF10-G03

Single Male Double Banjo MPK-G	Tube(Metric)-Thread(G)
	MPK04-G01 MPK10-G04
	MPK04-G02 MPK12-G01
	MPK05-G01 MPK12-G02
	MPK05-G02 MPK12-G03
	MPK06-G01 MPK12-G04
	MPK06-G02 MPK14-G03
	MPK08-G01 MPK14-G04
	MPK08-G02 MPK16-G03
	MPK08-G03 MPK16-G04
	MPK08-G04
	MPK10-G01
	MPK10-G02
	MPK10-G03

Double Male Double Banjo MDPK-G	Tube(Metric)-Thread(G)
	MDPK04-G01 MDPK10-G04
	MDPK04-G02 MDPK12-G01
	MDPK05-G01 MDPK12-G02
	MDPK05-G02 MDPK12-G03
	MDPK06-G01 MDPK12-G04
	MDPK06-G02 MDPK14-G03
	MDPK08-G01 MDPK14-G04
	MDPK08-G02 MDPK16-G03
	MDPK08-G03 MDPK16-G04
	MDPK08-G04
	MDPK10-G01
	MDPK10-G02
	MDPK10-G03

Triple Male Double Banjo MTPK-G	Tube(Metric)-Thread(G)
	MTPK04-G01 MTPK10-G04
	MTPK04-G02 MTPK12-G01
	MTPK05-G01 MTPK12-G02
	MTPK05-G02 MTPK12-G03
	MTPK06-G01 MTPK12-G04
	MTPK06-G02 MTPK14-G03
	MTPK08-G01 MTPK14-G04
	MTPK08-G02 MTPK16-G03
	MTPK08-G03 MTPK16-G04
	MTPK08-G04
	MTPK10-G01
	MTPK10-G02
	MTPK10-G03



金属限流接头 Metal Speed Controller

特性 Features

- 镀镍黄铜材质防腐耐污。Nickel-plated brass body ensures anti-corrosion and fouling resistance.
- 使用可简易替换的 O 型密封圈。The O sealing ring is used and can be easily replaced.
- 可准确调节最佳气流量以精确控制运动。Accurate regulation of an optimal air flow rate for precise motion control.
- 设计紧凑却能实现较大标准限流器相当的速度调节范围。
The compact design provides the comparable range of speed as the larger standard speed controllers do.

Elbow MNSE	Tube(Metric)-Thread(R)	
	MNSE04-M5	MNSE08-04
	MNSE04-M6	MNSE10-01
	MNSE04-01	MNSE10-02
	MNSE04-02	MNSE10-03
	MNSE04-03	MNSE10-04
	MNSE06-M5	MNSE12-01
	MNSE06-M6	MNSE12-02
	MNSE06-01	MNSE12-03
	MNSE06-02	MNSE12-04
	MNSE06-03	MNSE16-03
	MNSE08-01	MNSE16-04
	MNSE08-02	
	MNSE08-03	

G-Thread MNSE-G	Tube(Metric)-Thread(G)	
	MNSE04-G01	MNSE10-G04
	MNSE04-G02	MNSE12-G01
	MNSE05-G01	MNSE12-G02
	MNSE05-G02	MNSE12-G03
	MNSE06-G01	MNSE12-G04
	MNSE06-G02	MNSE14-G03
	MNSE08-G01	MNSE14-G04
	MNSE08-G02	MNSE16-G03
	MNSE08-G03	MNSE16-G04
	MNSE08-G04	
	MNSE10-G01	
	MNSE10-G02	
	MNSE10-G03	

Screw Type MNSP	Tube(Metric)-Thread(R)	
	MNSP04-01	MNSP10-04
	MNSP04-02	MNSP12-01
	MNSP05-01	MNSP12-02
	MNSP05-02	MNSP12-03
	MNSP06-01	MNSP12-04
	MNSP06-02	MNSP14-03
	MNSP08-01	MNSP14-04
	MNSP08-02	MNSP16-03
	MNSP08-03	MNSP16-04
	MNSP08-04	
	MNSP10-01	
	MNSP10-02	
	MNSP10-03	

Screw Type (G-Thread) MNSP-G	Tube(Metric)-Thread(G)	
	MNSP04-G01	MNSP10-G04
	MNSP04-G02	MNSP12-G01
	MNSP05-G01	MNSP12-G02
	MNSP05-G02	MNSP12-G03
	MNSP06-G01	MNSP12-G04
	MNSP06-G02	MNSP14-G03
	MNSP08-G01	MNSP14-G04
	MNSP08-G02	MNSP16-G03
	MNSP08-G03	MNSP16-G04
	MNSP08-G04	
	MNSP10-G01	
	MNSP10-G02	
	MNSP10-G03	

Rapid Type MNSR	Tube(Metric)-Thread(R)	Tube(Metric)-Thread(G)
	MNSR-5/3-M5	MNSR-10/8-03
	MNSR-5/3-M6	MNSR-10/8-04
	MNSR-5/3-01	MNSR-12/10-03
	MNSR-6/4-M5	MNSR-12/10-04
	MNSR-6/4-M6	
	MNSR-6/4-01	
	MNSR-6/4-02	
	MNSR-6/4-03	
	MNSR-8/6-01	
	MNSR-8/6-02	
	MNSR-8/6-03	
	MNSR-10/8-01	
	MNSR-10/8-02	

Union Straight MNSF	Tube(Metric)	
	MNSF04	
	MNSF06	
	MNSF08	
	MNSF10	
	MNSF12	

特性 Features

- 镀镍黄铜材质防腐耐污。Nickel-plated brass body ensures anti-corrosion and fouling resistance.
- 使用可简易替换的 O 型密封圈。The O sealing ring is used and can be easily replaced.
- 可用于连接硬质尼龙管。Can be fitted with rigid nylon tube.
- 提供的锁紧螺母可用手或扳手拧紧。Locking nut provided can be tightened manually or with a spanner.
- 特殊的锥形接口保证不易割坏塑料管。The special guiding cone ensures that the tube can not be accidentally cut.

Male Straight RPC 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPC-5/3-M5	RPC-10/8-03	RPC-5/3-G01
	RPC-5/3-M6	RPC-10/8-04	RPC-6/4-G01
	RPC-5/3-01	RPC-12/10-03	RPC-6/4-G02
	RPC-6/4-M5	RPC-12/10-04	RPC-6/4-G03
	RPC-6/4-M6		RPC-8/6-G01
	RPC-6/4-01		RPC-8/6-G02
	RPC-6/4-02		RPC-8/6-G03
	RPC-6/4-03		RPC-10/8-G01
	RPC-8/6-01		RPC-10/8-G02
	RPC-8/6-02		RPC-10/8-G03
	RPC-8/6-03		RPC-10/8-G04
	RPC-10/8-01		RPC-12/10-G03
	RPC-10/8-02		RPC-12/10-G04
Female Straight RPCF 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPCF-5/3-M5	RPCF-10/8-03	RPCF-5/3-G01
	RPCF-5/3-M6	RPCF-10/8-04	RPCF-6/4-G01
	RPCF-5/3-01	RPCF-12/10-03	RPCF-6/4-G02
	RPCF-6/4-M5	RPCF-12/10-04	RPCF-6/4-G03
	RPCF-6/4-M6		RPCF-8/6-G01
	RPCF-6/4-01		RPCF-8/6-G02
	RPCF-6/4-02		RPCF-8/6-G03
	RPCF-6/4-03		RPCF-10/8-G01
	RPCF-8/6-01		RPCF-10/8-G02
	RPCF-8/6-02		RPCF-10/8-G03
	RPCF-8/6-03		RPCF-10/8-G04
	RPCF-10/8-01		RPCF-12/10-G03
	RPCF-10/8-02		RPCF-12/10-G04
Male Elbow RPLN 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPLN-5/3-M5	RPLN-10/8-03	RPLN-5/3-G01
	RPLN-5/3-M6	RPLN-10/8-04	RPLN-6/4-G01
	RPLN-5/3-01	RPLN-12/10-03	RPLN-6/4-G02
	RPLN-6/4-M5	RPLN-12/10-04	RPLN-6/4-G03
	RPLN-6/4-M6		RPLN-8/6-G01
	RPLN-6/4-01		RPLN-8/6-G02
	RPLN-6/4-02		RPLN-8/6-G03
	RPLN-6/4-03		RPLN-10/8-G01
	RPLN-8/6-01		RPLN-10/8-G02
	RPLN-8/6-02		RPLN-10/8-G03
	RPLN-8/6-03		RPLN-10/8-G04
	RPLN-10/8-01		RPLN-12/10-G03
	RPLN-10/8-02		RPLN-12/10-G04
Swivel Male Tee RPT 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPT-5/3-M5	RPT-10/8-03	RPT-5/3-G01
	RPT-5/3-M6	RPT-10/8-04	RPT-6/4-G01
	RPT-5/3-01	RPT-12/10-03	RPT-6/4-G02
	RPT-6/4-M5	RPT-12/10-04	RPT-6/4-G03
	RPT-6/4-M6		RPT-8/6-G01
	RPT-6/4-01		RPT-8/6-G02
	RPT-6/4-02		RPT-8/6-G03
	RPT-6/4-03		RPT-10/8-G01
	RPT-8/6-01		RPT-10/8-G02
	RPT-8/6-02		RPT-10/8-G03
	RPT-8/6-03		RPT-10/8-G04
	RPT-10/8-01		RPT-12/10-G03
	RPT-10/8-02		RPT-12/10-G04
Swivel Male Run Tee RPD 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPD-5/3-M5	RPD-10/8-03	RPD-5/3-G01
	RPD-5/3-M6	RPD-10/8-04	RPD-6/4-G01
	RPD-5/3-01	RPD-12/10-03	RPD-6/4-G02
	RPD-6/4-M5	RPD-12/10-04	RPD-6/4-G03
	RPD-6/4-M6		RPD-8/6-G01
	RPD-6/4-01		RPD-8/6-G02
	RPD-6/4-02		RPD-8/6-G03
	RPD-6/4-03		RPD-10/8-G01
	RPD-8/6-01		RPD-10/8-G02
	RPD-8/6-02		RPD-10/8-G03
	RPD-8/6-03		RPD-10/8-G04
	RPD-10/8-01		RPD-12/10-G03
	RPD-10/8-02		RPD-12/10-G04

Swivel Male Straight RSPC 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RSPC-5/3-M5	RSPC-10/8-03	RSPC-5/3-G01
	RSPC-5/3-M6	RSPC-10/8-04	RSPC-6/4-G01
	RSPC-5/3-01	RSPC-12/10-03	RSPC-6/4-G02
	RSPC-6/4-M5	RSPC-12/10-04	RSPC-6/4-G03
	RSPC-6/4-M6		RSPC-8/6-G01
	RSPC-6/4-01		RSPC-8/6-G02
	RSPC-6/4-02		RSPC-8/6-G03
	RSPC-6/4-03		RSPC-10/8-G01
	RSPC-8/6-01		RSPC-10/8-G02
	RSPC-8/6-02		RSPC-10/8-G03
	RSPC-8/6-03		RSPC-10/8-G04
	RSPC-10/8-01		RSPC-12/10-G03
	RSPC-10/8-02		RSPC-12/10-G04
Swivel Male Elbow RPL 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPL-5/3-M5	RPL-10/8-03	RPL-5/3-G01
	RPL-5/3-M6	RPL-10/8-04	RPL-6/4-G01
	RPL-5/3-01	RPL-12/10-03	RPL-6/4-G02
	RPL-6/4-M5	RPL-12/10-04	RPL-6/4-G03
	RPL-6/4-M6		RPL-8/6-G01
	RPL-6/4-01		RPL-8/6-G02
	RPL-6/4-02		RPL-8/6-G03
	RPL-6/4-03		RPL-10/8-G01
	RPL-8/6-01		RPL-10/8-G02
	RPL-8/6-02		RPL-10/8-G03
	RPL-8/6-03		RPL-10/8-G04
	RPL-10/8-01		RPL-12/10-G03
	RPL-10/8-02		RPL-12/10-G04
Female Elbow RPLF 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPLF-5/3-M5	RPLF-10/8-03	RPLF-5/3-G01
	RPLF-5/3-M6	RPLF-10/8-04	RPLF-6/4-G01
	RPLF-5/3-01	RPLF-12/10-03	RPLF-6/4-G02
	RPLF-6/4-M5	RPLF-12/10-04	RPLF-6/4-G03
	RPLF-6/4-M6		RPLF-8/6-G01
	RPLF-6/4-01		RPLF-8/6-G02
	RPLF-6/4-02		RPLF-8/6-G03
	RPLF-6/4-03		RPLF-10/8-G01
	RPLF-8/6-01		RPLF-10/8-G02
	RPLF-8/6-02		RPLF-10/8-G03
	RPLF-8/6-03		RPLF-10/8-G04
	RPLF-10/8-01		RPLF-12/10-G03
	RPLF-10/8-02		RPLF-12/10-G04
Male Tee RPTN 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPTN-5/3-M5	RPTN-10/8-03	RPTN-5/3-G01
	RPTN-5/3-M6	RPTN-10/8-04	RPTN-6/4-G01
	RPTN-5/3-01	RPTN-12/10-03	RPTN-6/4-G02
	RPTN-6/4-M5	RPTN-12/10-04	RPTN-6/4-G03
	RPTN-6/4-M6		RPTN-8/6-G01
	RPTN-6/4-01		RPTN-8/6-G02
	RPTN-6/4-02		RPTN-8/6-G03
	RPTN-6/4-03		RPTN-10/8-G01
	RPTN-8/6-01		RPTN-10/8-G02
	RPTN-8/6-02		RPTN-10/8-G03
	RPTN-8/6-03		RPTN-10/8-G04
	RPTN-10/8-01		RPTN-12/10-G03
	RPTN-10/8-02		RPTN-12/10-G04
Male Run Tee RPDN 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPDN-5/3-M5	RPDN-10/8-03	RPDN-5/3-G01
	RPDN-5/3-M6	RPDN-10/8-04	RPDN-6/4-G01
	RPDN-5/3-01	RPDN-12/10-03	RPDN-6/4-G02
	RPDN-6/4-M5	RPDN-12/10-04	RPDN-6/4-G03
	RPDN-6/4-M6		RPDN-8/6-G01
	RPDN-6/4-01		RPDN-8/6-G02
	RPDN-6/4-02		RPDN-8/6-G03
	RPDN-6/4-03		RPDN-10/8-G01
	RPDN-8/6-01		RPDN-10/8-G02
	RPDN-8/6-02		RPDN-10/8-G03
	RPDN-8/6-03		RPDN-10/8-G04
	RPDN-10/8-01		RPDN-12/10-G03
	RPDN-10/8-02		RPDN-12/10-G04

金属快拧接头(连接塑料管)

Metal Rapid Fittings for Plastic Tubing

Single Male Banjo RPH 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RPH-5/3-M5	RPH-10/8-03	RPH-5/3-G01
	RPH-5/3-M6	RPH-10/8-04	RPH-6/4-G01
	RPH-5/3-01	RPH-12/10-03	RPH-6/4-G02
	RPH-6/4-M5	RPH-12/10-04	RPH-6/4-G03
	RPH-6/4-M6		RPH-8/6-G01
	RPH-6/4-01		RPH-8/6-G02
	RPH-6/4-02		RPH-8/6-G03
	RPH-6/4-03		RPH-10/8-G01
	RPH-8/6-01		RPH-10/8-G02
Double Male Banjo RDPH 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RDPH-5/3-M5	RDPH-10/8-03	RDPH-5/3-G01
	RDPH-5/3-M6	RDPH-10/8-04	RDPH-6/4-G01
	RDPH-5/3-01	RDPH-12/10-03	RDPH-6/4-G02
	RDPH-6/4-M5	RDPH-12/10-04	RDPH-6/4-G03
	RDPH-6/4-M6		RDPH-8/6-G01
	RDPH-6/4-01		RDPH-8/6-G02
	RDPH-6/4-02		RDPH-8/6-G03
	RDPH-6/4-03		RDPH-10/8-G01
	RDPH-8/6-01		RDPH-10/8-G02
Triple Male Banjo RTPH 	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)
	RTPH-5/3-M5	RTPH-10/8-03	RTPH-5/3-G01
	RTPH-5/3-M6	RTPH-10/8-04	RTPH-6/4-G01
	RTPH-5/3-01	RTPH-12/10-03	RTPH-6/4-G02
	RTPH-6/4-M5	RTPH-12/10-04	RTPH-6/4-G03
	RTPH-6/4-M6		RTPH-8/6-G01
	RTPH-6/4-01		RTPH-8/6-G02
	RTPH-6/4-02		RTPH-8/6-G03
	RTPH-6/4-03		RTPH-10/8-G01
	RTPH-8/6-01		RTPH-10/8-G02
Union Straight RPUC 	Tube(Metric)		Elbow RPUL
	RPUC-5/3		RPUL-5/3
	RPUC-6/4		RPUL-6/4
	RPUC-8/6		RPUL-8/6
	RPUC-10/8		RPUL-10/8
	RPUC-12/10		RPUL-12/10
Tee RPUT 	Tube(Metric)		Cross RPZA
	RPUT-5/3		RPZA-5/3
	RPUT-6/4		RPZA-6/4
	RPUT-8/6		RPZA-8/6
	RPUT-10/8		RPZA-10/8
	RPUT-12/10		RPZA-12/10
Locking Nut With Spring RMS 	Tube(Metric)		Bulkhead Union RPM
	RMS-5/3		RPM-5/3
	RMS-6/4		RPM-6/4
	RMS-8/6		RPM-8/6
	RMS-10/8		RPM-10/8
	RMS-12/10		RPM-12/10
Locking Nut With Spring RMS 	Tube(Metric)		Locking Nut RM
	RMS-5/3		RM-5/3
	RMS-6/4		RM-6/4
	RMS-8/6		RM-8/6
	RMS-10/8		RM-10/8
	RMS-12/10		RM-12/10

微型快拧接头 Compact Rapid Fittings

Male Straight (Compact) RCPC 	Tube(Metric)-Thread(R)	
	RCPC4/2.5-M5	
	RCPC4/2.5-M6	
	RCPC6/4-M5	
	RCPC6/4-M6	
Banjo (Compact) RCPH 	Tube(Metric)-Thread(R)	
	RCPH4/2.5-M5	
	RCPH4/2.5-M6	
	RCPH6/4-M5	
	RCPH6/4-M6	

Male Straight QPC	Tube(Metric)-Thread(R)	
	Tube(Metric)-Thread(G)	
	QPC04-01	QPC04-G01
	QPC04-02	QPC04-G02
	QPC06-01	QPC06-G01
	QPC06-02	QPC06-G02
	QPC08-01	QPC08-G01
	QPC08-02	QPC08-G02
	QPC08-03	QPC08-G03
	QPC10-02	QPC10-G02
	QPC10-03	QPC10-G03
	QPC10-04	QPC10-G04
	QPC12-02	QPC12-G02
	QPC12-03	QPC12-G03
	QPC12-04	QPC12-G04

Male Elbow QPL	Tube(Metric)-Thread(R)	
	Tube(Metric)-Thread(G)	
	QPL04-01	QPL04-G01
	QPL04-02	QPL04-G02
	QPL06-01	QPL06-G01
	QPL06-02	QPL06-G02
	QPL08-01	QPL08-G01
	QPL08-02	QPL08-G02
	QPL08-03	QPL08-G03
	QPL10-02	QPL10-G02
	QPL10-03	QPL10-G03
	QPL10-04	QPL10-G04
	QPL12-02	QPL12-G02
	QPL12-03	QPL12-G03
	QPL12-04	QPL12-G04

Female Straight QPCF	Tube(Metric)-Thread(R)	
	Tube(Metric)-Thread(G)	
	QPCF04-01	QPCF04-G01
	QPCF04-02	QPCF04-G02
	QPCF06-01	QPCF06-G01
	QPCF06-02	QPCF06-G02
	QPCF08-01	QPCF08-G01
	QPCF08-02	QPCF08-G02
	QPCF08-03	QPCF08-G03
	QPCF10-02	QPCF10-G02
	QPCF10-03	QPCF10-G03
	QPCF10-04	QPCF10-G04
	QPCF12-02	QPCF12-G02
	QPCF12-03	QPCF12-G03
	QPCF12-04	QPCF12-G04

Male Tee QPT	Tube(Metric)-Thread(R)	
	Tube(Metric)-Thread(G)	
	QPT04-01	QPT04-G01
	QPT04-02	QPT04-G02
	QPT06-01	QPT06-G01
	QPT06-02	QPT06-G02
	QPT08-01	QPT08-G01
	QPT08-02	QPT08-G02
	QPT08-03	QPT08-G03
	QPT10-02	QPT10-G02
	QPT10-03	QPT10-G03
	QPT10-04	QPT10-G04
	QPT12-02	QPT12-G02
	QPT12-03	QPT12-G03
	QPT12-04	QPT12-G04

Run Tee QPD	Tube(Metric)-Thread(R)	
	Tube(Metric)-Thread(G)	
	QPD04-01	QPD04-G01
	QPD04-02	QPD04-G02
	QPD06-01	QPD06-G01
	QPD06-02	QPD06-G02
	QPD08-01	QPD08-G01
	QPD08-02	QPD08-G02
	QPD08-03	QPD08-G03
	QPD10-02	QPD10-G02
	QPD10-03	QPD10-G03
	QPD10-04	QPD10-G04
	QPD12-02	QPD12-G02
	QPD12-03	QPD12-G03
	QPD12-04	QPD12-G04

Union Straight QPUC	Tube(Metric)	
	QPUC04	
	QPUC06	
	QPUC08	
	QPUC10	
	QPUC12	

Union Elbow QPUL	Tube(Metric)	
	QPUL04	
	QPUL06	
	QPUL08	
	QPUL10	
	QPUL12	

Union Tee QPUT	Tube(Metric)	
	QPUT04	
	QPUT06	
	QPUT08	
	QPUT10	
	QPUT12	

Union Cross QPZA	Tube(Metric)	
	QPZA04	
	QPZA06	
	QPZA08	
	QPZA10	
	QPZA12	

Bulkhead Union QPM	Tube(Metric)	
	QPM04	
	QPM06	
	QPM08	
	QPM10	
	QPM12	

Nut QS	Tube(Metric)	
	QS04	
	QS06	
	QS08	
	QS10	
	QS12	

Ogive QI	Tube(Metric)	
	QI04	
	QI06	
	QI08	
	QI10	
	QI12	

Support Bush QC	Tube(Metric)	
	QC02	
	QC04	
	QC06	
	QC08	
	QC10	

Straight Male PSM	Thread(R)T1-Thread(R)T2	
	PSM 01-01	PSM 06-02
	PSM 02-02	PSM 08-08
	PSM 02-01	PSM 08-06
	PSM 03-03	PSM 08-04
	PSM 03-02	PSM 08-03
	PSM 03-01	
	PSM 04-04	
	PSM 04-03	
	PSM 04-02	
	PSM 04-01	
	PSM 06-06	
	PSM 06-04	
	PSM 06-03	

Equal Male Stud Elbow PEL	Thread(R)	
	PEL 01	PEL 02
	PEL 03	PEL 04
	PEL 06	PEL 08

Reducer Male to Female PRMF	Thread(R)T1-Thread(G)T2	
	PRMF 02-G01	PRMF 03-G01
	PRMF 03-G02	PRMF 04-G01
	PRMF 04-G02	PRMF 04-G03
	PRMF 06-G02	PRMF 06-G03
	PRMF 06-G03	PRMF 06-G04

Plug	Thread(R)
	POHH M5
POHH	POHH 01
	POHH 02
	POHH 03
	POHH 04
	POHH 06
	POHH 08
	

Male Stud Branch Tee PMT	Thread(R)
	PMT 01
 T	PMT 02
	PMT 03
	PMT 04
	PMT 06
	PMT 08

Equal Female Tee PFT	Thread(R)
	PFT 01
	PFT 02
	PFT 03
	PFT 04
	PFT 06
	PFT 08
T	

Plug	Thread(G)	
	POF G01	
POF	POF G02	
	POF G03	
 T ØD	POF G04	
	POF G06	
	POF G08	

Straight Male to Female PSMF	Thread(R)T1-Thread(G)T2	
	PSMF 01-G01	PSMF 06-G02
	PSMF 02-G02	PSMF 08-G08
	PSMF 02-G01	PSMF 08-G06
	PSMF 03-G03	PSMF 08-G04
	PSMF 03-G02	PSMF 08-G03
	PSMF 03-G01	
	PSMF 04-G04	
	PSMF 04-G03	
	PSMF 04-G02	
	PSMF 04-G01	
	PSMF 06-G06	
	PSMF 06-G04	
	PSMF 06-G03	

Equal Female Male Elbow PEFL	Thread(R)	
	PEFL 01	
	PEFL 02	
	PEFL 03	
	PEFL 04	
	PEFL 06	
	PEFL 08	
T	T	

Plug	Thread(R)
	POH M5
POH	POH 01
	POH 02
	POH 03
	POH 04
	POH 06
	POH 08
T	

Male Tee	Thread(R)
PSMT	PSMT 01
	PSMT 02
 T	PSMT 03
	PSMT 04
	PSMT 06
	PSMT 08

Male Run Tee PMST	Thread(R)
	PMST 01
 T	PMST 02
	PMST 03
	PMST 04
	PMST 06
	PMST 08

Straight Female PSF	Thread(R)T1-Thread(R)T2	
	PSF 01-01	PSF 06-02
	PSF 02-02	PSF 08-08
	PSF 02-01	PSF 08-06
	PSF 03-03	PSF 08-04
	PSF 03-02	PSF 08-03
	PSF 03-01	
	PSF 04-04	
	PSF 04-03	
	PSF 04-02	
	PSF 04-01	
	PSF 06-06	
	PSF 06-04	
	PSF 06-03	

Equal Female Stud Elbow PFL	Thread(G)
	PFL G01
	PFL G02
	PFL G03
	PFL G04
	PFL G06
	PFL G08
T	T

Plug PO	Thread(R)
	PO M5
 T	PO 01
	PO 02
	PO 03
	PO 04
	PO 06
	PO 08

In & Out Thread		Thread(R)T1-Thread(G)T2
PZ		PZ 02-G01
		PZ 03-G01
T1  T2	PZ 03-G02	PZ 04-G01
	PZ 04-G02	PZ 04-G03
	PZ 06-G02	PZ 06-G03
	PZ 06-G04	

Male to Female Tee PSFT	Thread(R)
	PSFT 01
	PSFT 02
	PSFT 03
	PSFT 04
	PSFT 06
	PSFT 08

Double Male to Female Tee PMMT	Thread(R)
	PMMT 01
 T	PMMT 02
	PMMT 03
	PMMT 04
	PMMT 06
	PMMT 08

金属管道接头

Metal Pipe Fittings

Male Barb PHTM	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)	
	PHTM05-01	PHTM12-03	PHTM05-G01	PHTM12-G03
 T	PHTM05-02	PHTM12-04	PHTM05-G02	PHTM12-G04
	PHTM07-01	PHTM17-03	PHTM07-G01	PHTM17-G03
	PHTM07-02	PHTM17-04	PHTM07-G02	PHTM17-G04
	PHTM08-01	PHTM18-03	PHTM08-G01	PHTM18-G03
	PHTM08-02	PHTM18-04	PHTM08-G02	PHTM18-G04
	PHTM09-01		PHTM09-G01	
	PHTM09-02		PHTM09-G02	
	PHTM09-03		PHTM09-G03	
	PHTM10-01		PHTM10-G01	
	PHTM10-02		PHTM10-G02	
	PHTM10-03		PHTM10-G03	
	PHTM12-02		PHTM12-G02	

Female Barb PHTF	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)	
	PHTF05-01	PHTF12-03	PHTF05-G01	PHTF12-G03
 T	PHTF05-02	PHTF12-04	PHTF05-G02	PHTF12-G04
	PHTF07-01	PHTF17-03	PHTF07-G01	PHTF17-G03
	PHTF07-02	PHTF17-04	PHTF07-G02	PHTF17-G04
	PHTF08-01	PHTF18-03	PHTF08-G01	PHTF18-G03
	PHTF08-02	PHTF18-04	PHTF08-G02	PHTF18-G04
	PHTF09-01		PHTF09-G01	
	PHTF09-02		PHTF09-G02	
	PHTF09-03		PHTF09-G03	
	PHTF10-01		PHTF10-G01	
	PHTF10-02		PHTF10-G02	
	PHTF10-03		PHTF10-G03	
	PHTF12-02		PHTF12-G02	

Male Elbow Barb PLB	Tube(Metric)-Thread(R)		Tube(Metric)-Thread(G)	
	PLB05-01	PLB12-03	PLB05-G01	PLB12-G03
 T	PLB05-02	PLB12-04	PLB05-G02	PLB12-G04
	PLB07-01	PLB17-03	PLB07-G01	PLB17-G03
	PLB07-02	PLB17-04	PLB07-G02	PLB17-G04
	PLB08-01	PLB18-03	PLB08-G01	PLB18-G03
	PLB08-02	PLB18-04	PLB08-G02	PLB18-G04
	PLB09-01		PLB09-G01	
	PLB09-02		PLB09-G02	
	PLB09-03		PLB09-G03	
	PLB10-01		PLB10-G01	
	PLB10-02		PLB10-G02	
	PLB10-03		PLB10-G03	
	PLB12-02		PLB12-G02	

Female Y PYF	Thread(G)
	PYF G01
 T	PYF G02
	PYF G03
	PYF G04

Female to Male Y PYT	Thread(R)
	PYT 01
 T	PYT 02
	PYT 03
	PYT 04

Female Bulkhead PMFM	Thread(G)
	PMFM G01
 T	PMFM G02
	PMFM G03
	PMFM G04

Equal Female Cross PFC	Thread(G)
	PFC G01
 T	PFC G02
	PFC G03
	PFC G04

Equal Female to Male Cross PFCT	Thread(R)
	PFCT 01
 T	PFCT 02
	PFCT 03
	PFCT 04

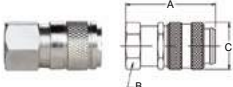
Barb Union PBB	Tube(Metric)
	PBB 05
 T	PBB 07
	PBB 08
	PBB 09
	PBB 10
	PBB 12
	PBB 17
	PBB 18

Barb T PTB	Tube(Metric)
	PTB 05
 T	PTB 07
	PTB 08
	PTB 09
	PTB 10
	PTB 12
	PTB 17
	PTB 18

特性 Features

- 使用气动单开闭快速接头连接只需一步，但拆开连接需要两个步骤，在连接重要的情况下可有效防止连接意外断开。
Pneumatic single shut-off couplers allow one-step connection but require two steps to disconnect, this feature greatly reduces the potential of accidental disconnection in applications where connection integrity is of primary importance.
- 常见应用包括急救和呼吸设备以及其他一般气动应用。
Typical uses include rescue and breathing air equipment in addition to general pneumatic applications.
- 主体材质为镀镍黄铜，弹簧与锁珠为不锈钢材质。Couplers feature nickel-plated brass body and stainless steel springs and locking balls.

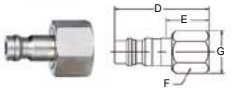
E 系列 Series E

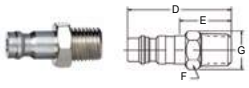
Automatic Coupler With 4 Balls Female Pipe Thread ESF	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESF1-01	1/8	G 1/8	1.42	0.55	0.70
	ESF1-02	1/8	G 1/4	1.81	0.67	0.70
	ESF2-02	1/4	G 1/4	2.45	0.81	0.98
	ESF2-03	1/4	G 3/8	2.55	0.81	0.98

Automatic Coupler With 4 Balls Male Pipe Thread ESM	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESM1-01	1/8	G 1/8	1.37	0.55	0.70
	ESM1-02	1/8	G 1/4	1.45	0.66	0.70
	ESM2-02	1/4	G 1/4	2.55	0.81	0.98
	ESM2-03	1/4	G 3/8	2.58	0.81	0.98

Automatic Coupler With 4 Balls Hose Barb ESH	Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESH1-1/4	1/8	1/4	1.92	0.55	0.70
	ESH1-5/16	1/8	5/16	1.92	0.55	0.70
	ESH2-1/4	1/4	1/4	3.02	0.81	0.98
	ESH2-3/8	1/4	3/8	3.02	0.81	0.98

Automatic Coupler With 4 Balls Locking Hose ESL	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESL2-0640	1/8	6x4mm	1.73	0.55	0.70
	ESL2-0850	1/8	8x5mm	1.73	0.55	0.70
	ESL2-1065	1/4	10x6.5mm	2.14	0.81	0.98
	ESL2-1280	1/4	12x8mm	2.64	0.81	0.98

Nipple Female Pipe EPF	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
	EPF1-01	1/8	G 1/8	1.14	0.61	0.55	0.63
	EPF1-02	1/8	G 1/4	1.34	0.81	0.67	0.78
	EPF2-01	1/4	G 1/4	1.62	0.74	0.62	0.72
	EPF2-02	1/4	G 3/8	1.65	0.77	0.81	0.94

Nipple Male Pipe EPM	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
	EPM1-01	1/8	G 1/8	1.06	0.53	0.43	0.51
	EPM1-02	1/8	G 1/4	1.20	0.67	0.55	0.63
	EPM2-01	1/4	G 1/4	1.77	0.89	0.56	0.72
	EPM2-02	1/4	G 3/8	1.80	0.92	0.69	0.94

金属气动单开闭快速接头

Metal Pneumatic Single Shut-off Couplers

E 系列 Series E

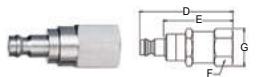
Nipple Hose Barb EPH	Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	G
	EPH1-1/4	1/8	1/4	1.39	0.84	0.39
	EPH1-5/16	1/8	5/16	1.39	0.84	0.39
	EPH2-1/4	1/4	1/4	2.06	1.18	0.55
	EPH2-3/8	1/4	3/8	2.06	1.18	0.55

Nipple Locking Hose EPL	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	G
	EPL2-0640	1/8	6x4mm	1.37	0.59	0.11
	EPL2-0850	1/8	8x5mm	1.39	0.59	0.19
	EPL2-1065	1/4	10x6.5mm	1.55	0.66	0.25
	EPL2-1280	1/4	12x8mm	1.63	0.66	0.39

Automatic Coupler Female Pipe ESFD	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESFD1-01	1/8	G 1/8	1.42	0.55	0.63
	ESFD1-02	1/8	G 1/4	1.81	0.67	0.78

Automatic Coupler Male Pipe ESMD	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESMD1-01	1/8	G 1/8	1.50	0.55	0.63
	ESMD1-02	1/8	G 1/4	1.61	0.55	0.63

Automatic Coupler Locking Hose ESLD	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				A	B	C
	ESLD1-0640	1/8	6x4mm	1.73	0.55	0.70
	ESLD1-0850	1/8	8x5mm	1.73	0.55	0.70
	ESLD1-1065	1/8	10x6.5mm	2.12	0.86	0.98
	ESLD1-1280	1/8	12x8mm	2.20	0.86	0.98

Nipple Female Pipe Thread EPFD	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
	EPFD1-01	1/8	G 1/8	1.56	1.03	0.55	0.63
	EPFD1-02	1/8	G 1/4	1.97	1.44	0.67	0.78

Nipple Male Pipe Thread EPMD	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
	EPMD1-01	1/8	G 1/8	1.65	1.12	0.55	0.63
	EPMD1-02	1/8	G 1/4	1.77	1.24	0.67	0.78

Nipple Locking Hose EPLD	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	G
	EPLD2-0640	1/8	6x4mm	1.57	0.59	0.11
	EPLD2-0850	1/8	8x5mm	1.59	0.59	0.19
	EPLD2-1065	1/8	10x6.5mm	1.75	0.59	0.27
	EPLD2-1280	1/8	12x8mm	1.83	0.64	0.39

金属气动单开闭快速接头

Metal Pneumatic Single Shut-off Couplers

N 系列 Series N

Automatic Coupler With 4 Balls Female Pipe Thread NSF	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NSF2-01	1/4	G 1/8	2.28	0.86	0.86
	NSF2-02	1/4	G 1/4	2.36	0.86	0.86
	NSF2-03	1/4	G 3/8	2.44	0.86	0.86
	NSF2-04	1/4	G 1/2	2.55	0.86	0.86

Automatic Coupler With 4 Balls Male Pipe Thread NSM	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NSM2-01	1/4	G 1/8	2.28	0.86	0.86
	NSM2-02	1/4	G 1/4	2.36	0.86	0.86
	NSM2-03	1/4	G 3/8	2.40	0.86	0.86
	NSM2-04	1/4	G 1/2	2.55	0.86	0.86

Automatic Coupler With 4 Balls Hose Barb NSH	Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NSH2-1/4	1/4	1/4	2.83	0.86	0.86
	NSH2-5/16	1/4	5/16	2.83	0.86	0.86
	NSH2-3/8	1/4	3/8	2.83	0.86	0.86
	NSH2-1/2	1/4	1/2	2.83	0.86	0.86

Automatic Coupler With 4 Balls Locking Hose NSL	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NSL2-0640	1/4	6x4mm	2.30	0.86	0.86
	NSL2-0850	1/4	8x5mm	2.36	0.86	0.86
	NSL2-1065	1/4	10x6.5mm	2.44	0.86	0.86
	NSL2-1280	1/4	12x8mm	2.46	0.86	0.86

Nipple Female Pipe Thread NPF	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NPF2-01	1/4	G 1/8	1.35	0.55	0.64
	NPF2-02	1/4	G 1/4	1.47	0.66	0.74
	NPF2-03	1/4	G 3/8	1.47	0.86	0.98
	NPF2-04	1/4	G 1/2	1.52	0.94	1.10

Nipple Male Pipe Thread NPM	Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NPM2-01	1/4	G 1/8	1.47	0.55	0.64
	NPM2-02	1/4	G 1/4	1.57	0.66	0.74
	NPM2-03	1/4	G 3/8	1.57	0.86	0.98
	NPM2-04	1/4	G 1/2	1.73	0.94	1.10

Nipple Hose Barb NPH	Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NPH2-1/4	1/4	1/4	2.24	0.59	0.98
	NPH2-5/16	1/4	5/16	2.24	0.59	0.98
	NPH2-3/8	1/4	3/8	2.24	0.59	0.98
	NPH2-1/2	1/4	1/2	2.52	0.59	0.98

Nipple Locking Hose NPL	Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
	NPL2-0640	1/4	6x4mm	1.43	0.55	0.64
	NPL2-0850	1/4	8x5mm	1.49	0.55	0.64
	NPL2-1065	1/4	10x6.5mm	1.57	0.66	0.74
	NPL2-1280	1/4	12x8mm	1.59	0.82	0.94



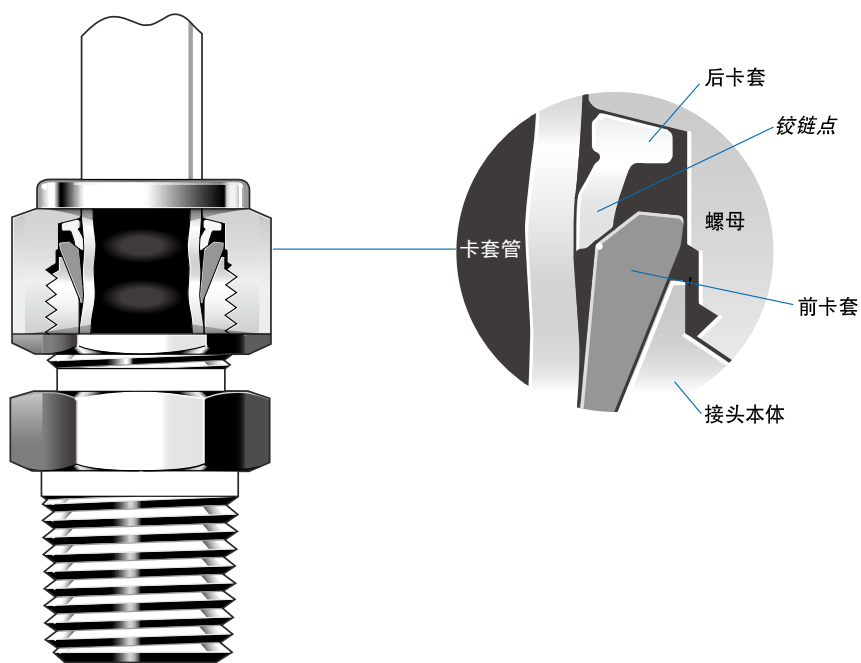
不锈钢双卡套接头 Stainless Steel Two-Ferrule Design Pipe Joint Fittings



特性 Features

- 活动负载和双卡套设计。
- 易于安装。
- 安装时不会把扭矩传输到卡套管上。
- 使用间隙检测规确保了首次安装的充分紧固。

结构图 Structure Diagram

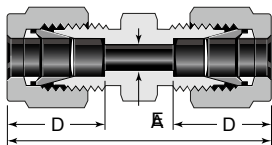


不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

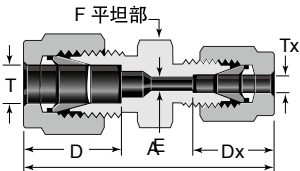
直通接头

联合接头



联合接头

卡套管 外径	基本 订购号	尺寸		
		A	D	E
尺寸, in.				
1/16	-100-6	0.99	0.34	0.05
1/8	-200-6	1.40	0.50	0.09
3/16	-300-6	1.47	0.54	0.12
1/4	-400-6	1.61	0.60	0.19
5/16	-500-6	1.69	0.64	0.25
3/8	-600-6	1.77	0.66	0.28
1/2	-810-6	2.02	0.90	0.41
1/2	-810-6-0030	4.30	—	0.50
5/8	-1010-6	2.05	0.96	
3/4	-1210-6	2.11		0.62
7/8	-1410-6	2.17	1.02	0.72
1	-1610-6	2.55	1.23	0.88
1 1/8	-1810-6			0.97
1 1/4	-2000-6	3.63	1.62	1.09
1 1/2	-2400-6	4.25	1.97	1.34
2	-3200-6	5.88	2.66	1.81
尺寸, mm				
2	-2M0-6	35.6	12.9	1.7
3	-3M0-6	35.3		2.4
4	-4M0-6	37.3		
6	-6M0-6	41.0	15.3	4.8
8	-8M0-6	43.2	16.2	6.4
10	-10M0-6	46.2	17.2	7.9
12	-12M0-6	51.2	22.8	9.5
14	-14M0-6	52.0	24.4	11.1
15	-15M0-6			11.9
16	-16M0-6			12.7
18	-18M0-6			15.1
20	-20M0-6	55.0	26.0	15.9
22	-22M0-6			18.3
25	-25M0-6	65.0	31.3	21.8
28	-28M0-6	85.0	36.6	
30	-30M0-6	92.7	39.6	26.2
32	-32M0-6	97.3	42.0	28.6
38	-38M0-6	114	49.4	33.7
50	-50M0-6	146	65.0	45.2



联合接头 (公制到英制)

卡套管外径		基本 订购号	尺寸				
T	Tx, in.		A	D	Dx	E	F
尺寸, mm							
2	1/8 1/4	-2M0-6-2 -2M0-6-4	35.2 38.6	12.9	12.8 15.3	1.7	12 14
3	1/8	-3M0-6-2	35.2	12.9	12.8	2.4	12
4	1/8 1/4	-4M0-6-2 -4M0-6-4	36.5 39.4	13.7	12.8 15.3	2.4	12 14
6	1/16	-6M0-6-1	34.3	15.3	8.6	1.3	14
	1/8	-6M0-6-2	38.5		12.8	2.4	14
	1/4	-6M0-6-4	41.0		15.3	4.8	14
	5/16	-6M0-6-5	42.3		16.2	4.8	14
	3/8	-6M0-6-6	43.2		16.8	4.8	16
8	1/4 3/8	-8M0-6-4 -8M0-6-6	42.3 44.3	16.2	15.3 16.9	4.8 6.4	15 16
10	1/8 1/4 5/16 3/8	-10M0-6-2 -10M0-6-4 -10M0-6-5 -10M0-6-6	41.8 44.5 45.1 45.9	17.2	12.8 15.3 16.2 16.9	2.4 4.8 6.4 7.1	18
12	1/4 5/16 3/8 1/2	-12M0-6-4 -12M0-6-5 -12M0-6-6 -12M0-6-8	47.0 47.8 48.4 51.2	22.8	15.3 16.2 16.9 22.8	4.8 6.4 7.1 9.5	22
15	1/2	-15M0-6-8	52.0	24.4	22.8	10.3	24
16	5/8	-16M0-6-10	52.0	24.4	24.4	12.7	24
18	3/4	-18M0-6-12	53.5	24.4	24.4	15.1	27
20	1/2 1	-20M0-6-8 -20M0-6-16	55.0 62.8	26.0	22.8 31.3	10.3 15.9	30 35
25	1	-25M0-6-16	65.0	31.3	31.3	21.8	35

如何订购

选择一基本订购号。例如 -00-6
再加上一个材料代号, 例如: SS-100-6

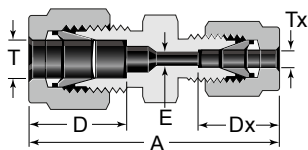
材料	代号
316不锈钢	SS

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

联合接头



变径联合接头

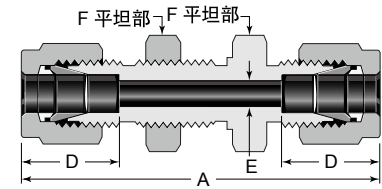
卡套管外径		基本 订购号	尺寸			
T	Tx		A	D	Dx	E
尺寸, in.						
1/8	1/16	-200-6-1	1.22	0.50	0.34	0.05
3/16	1/16	-300-6-1	1.27	0.54	0.34	0.05
	1/8	-300-6-2	1.44		0.50	0.09
1/4	1/16	-400-6-1	1.35	0.60	0.34	0.05
	1/8	-400-6-2	1.52		0.50	0.09
	3/16	-400-6-3	1.55		0.54	0.12
5/16	1/8	-500-6-2	1.56	0.64	0.50	0.09
	1/4	-500-6-4	1.66		0.60	0.19
3/8	1/16	-600-6-1	1.44	0.66	0.34	0.05
	1/8	-600-6-2	1.61		0.50	0.09
	1/4	-600-6-4	1.70		0.60	0.19
	5/16	-600-6-5	1.74		0.64	0.25
1/2	1/8	-810-6-2	1.78	0.90	0.50	0.09
	1/4	-810-6-4	1.85		0.60	0.19
	3/8	-810-6-6	1.91		0.66	0.28
5/8	3/8	-1010-6-6	1.94	0.96	0.66	0.28
	1/2	-1010-6-8	2.05		0.90	0.41
3/4	1/4	-1210-6-4	1.94	0.96	0.60	0.19
	3/8	-1210-6-6	2.00		0.66	0.28
	1/2	-1210-6-8	2.11		0.90	0.41
	5/8	-1210-6-10	2.11		0.96	0.50
1	1/2	-1610-6-8	2.38	1.23	0.90	0.41
	3/4	-1610-6-12			0.96	0.62
尺寸, mm						
3	2	-3M0-6-2M	35.3	12.9	12.9	1.7
6	2	-6M0-6-2M	38.6	15.3	12.9	1.7
	3	-6M0-6-3M	38.6		12.9	2.4
	4	-6M0-6-4M	39.4		13.7	2.4
8	6	-8M0-6-6M	42.3	16.2	15.3	4.8
10	6	-10M0-6-6M	44.5	17.2	15.3	4.8
	8	-10M0-6-8M	45.1		16.2	6.4
12	6	-12M0-6-6M	47.0	22.8	15.3	4.8
	8	-12M0-6-8M	47.8		16.2	6.4
	10	-12M0-6-10M	48.7		17.2	7.9
16	10	-16M0-6-10M	49.5	24.4	17.2	7.9
	12	-16M0-6-12M	52.0		22.8	9.5
18	12	-18M0-6-12M	53.5	24.4	22.8	9.5
25	18	-25M0-6-18M	61.0	31.3	24.4	15.1
	20	-25M0-6-20M	62.3		26.0	15.9
30	18	-30M0-6-18M	75.4	39.6	24.4	15.1
	20	-30M0-6-20M	75.4		26.0	15.9
	25	-30M0-6-25M	80.1		31.3	21.8
32	18	-32M0-6-18M	77.8	42.0	24.4	15.1
	20	-32M0-6-20M	77.8		26.0	15.9
	25	-32M0-6-25M	82.3		31.3	21.8
38	20	-38M0-6-20M	87.5	49.4	26.0	15.9
	25	-38M0-6-25M	92.0		31.3	21.8
	30	-38M0-6-30M	105		39.6	26.2

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

联合接头

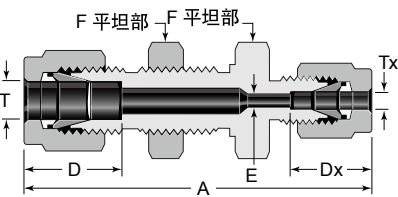


穿板联合接头

卡套管 外径	基本 订购号	尺寸					
		A	D	E	F	面板孔 尺寸	最大 面板厚度
尺寸, in.							
1/16	-100-61	1.24	0.34	0.05	5/16	13/64	0.12(1)
1/8	-200-61	2.02	0.50	0.09	1/2	21/64	0.50
3/16	-300-61	2.11	0.54	0.12	9/16	25/64	
1/4	-400-61	2.27	0.60	0.19	5/8	29/64	0.40
5/16	-500-61	2.39	0.64	0.25	11/16	33/64	0.44
3/8	-600-61	2.45	0.66	0.28	3/4	37/64	
1/2	-810-61	2.80	0.90	0.41	15/16	49/64	0.50
5/8	-1010-61	2.86	0.96	0.50	1 1/16	57/64	
3/4	-1210-61	3.11	0.96	0.62	1 3/16	1 1/64	0.66
1	-1610-61	3.77	1.23	0.88	1 5/8	1 21/64	0.75
1 1/4	-2000-61	4.85	1.62	1.09	1 7/8	1 41/64	
1 1/2	-2400-61	5.48	1.97	1.34	2 1/4	1 61/64	
2	-3200-61	7.10	2.66	1.81	2 3/4	2 41/64	
尺寸, mm							
3	-3M0-61	51.3	12.9	2.4	14	8.3	12.7
4	-4M0-61	53.6	13.7	2.4		9.9	
6	-6M0-61	57.7	15.3	4.8	16	11.5	10.2
8	-8M0-61	61.0	16.2	6.4	18	13.1	11.2
10	-10M0-61	63.7	17.2	7.9	22	16.3	
12	-12M0-61	71.0	22.8	9.5	24	19.5	12.7
14	-14M0-61	72.5	24.4	11.1	27	22.5	
15	-15M0-61	72.5	24.4	11.9		22.8	
16	-16M0-61	72.5	24.4	12.7			
18	-18M0-61	78.9	24.4	15.1	30	26.0	16.8
20	-20M0-61	84.5	26.0	15.9	35	29.0	19.0
25	-25M0-61	96.0	31.3	21.8	41	34.0	
30	-30M0-61	124	39.6	26.2	50	40.5	
32	-32M0-61	128	42.0	28.6		42.5	
38	-38M0-61	145	49.4	33.7	60	50.5	

(1)最小面板厚度为 0.06 in.

穿板变径联合接头



卡套管外径		基本 订购号	尺寸						
T	Tx		A	D	Dx	E	F	面板孔 尺寸	最大 面板厚度
尺寸, in.									
1/4	1/8	-400-61-2	2.17	0.60	0.50	0.09	5/8	29/64	0.40
3/8	1/4	-600-61-4	2.39	0.66	0.60	0.19	3/4	37/64	0.44
1/2	1/4	-810-61-4	2.63	0.90			15/16	49/64	0.50

穿板变径联合接头(公制到英制)

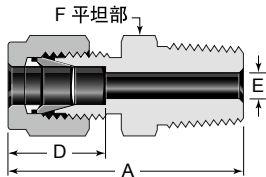
卡套管外径		基本 订购号	尺寸						
T	Tx, in.		A	D	Dx	E	F	面板孔 尺寸	最大 面板厚度
尺寸, mm									
6	1/8	-6M0-61-2	55.1	15.3	12.7	2.4	16	11.5	10.2

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

外螺纹连接



NPT

卡套管 外径	NPT 尺寸	基本 订购号	尺寸			
			A	D	E ⁽¹⁾	F
尺寸, in.						
1/16	1/16	-100-1-1	0.94	0.34	0.05	5/16
	1/8	-100-1-2	1.03			7/16
	1/4	-100-1-4	1.22			9/16
1/8	1/16	-200-1-1	1.17	0.50	0.09	7/16
	1/8	-200-1-2	1.20			7/16
	1/4	-200-1-4	1.40			9/16
	3/8	-200-1-6	1.41			11/16
	1/2	-200-1-8	1.66			7/8
3/16	1/8	-300-1-2	1.23	0.54	0.12	7/16
	1/4	-300-1-4	1.43			9/16
1/4	1/16	-400-1-1	1.29	0.60	0.12	1/2
	1/8	-400-1-2	1.29			1/2
	1/4	-400-1-4	1.49			9/16
	3/8	-400-1-6	1.51			11/16
	1/2	-400-1-8	1.76			7/8
	3/4	-400-1-12	1.82			1 1/16
5/16	1/8	-500-1-2	1.34	0.64	0.19	9/16
	1/4	-500-1-4	1.52		0.25	9/16
	3/8	-500-1-6	1.54		0.25	11/16
3/8	1/8	-600-1-2	1.39	0.66	0.19	5/8
	1/4	-600-1-4	1.57		0.28	5/8
	3/8	-600-1-6	1.57		0.28	11/16
	1/2	-600-1-8	1.82		0.28	7/8
	3/4	-600-1-12	1.88		0.28	1 1/16
	1	-600-1-16	2.14		0.28	1 3/8
1/2	1/8	-810-1-2	1.53	0.90	0.19	13/16
	1/4	-810-1-4	1.71		0.28	13/16
	3/8	-810-1-6	1.71		0.38	13/16
	1/2	-810-1-8	1.93		0.41	7/8
	3/4	-810-1-12	1.99		0.41	1 1/16
	1	-810-1-16	2.25		0.41	1 3/8
5/8	1/4	-1010-1-4	1.74	0.96	0.28	15/16
	3/8	-1010-1-6	1.74		0.38	15/16
	1/2	-1010-1-8	1.93		0.47	15/16
	3/4	-1010-1-12	1.99		0.50	1 1/16
3/4	3/8	-1210-1-6	1.80	0.96	0.41	1 1/16
	1/2	-1210-1-8	1.99		0.47	1 1/16
	3/4	-1210-1-12	1.99		0.62	1 1/16
	1	-1210-1-16	2.25		0.62	1 3/8
7/8	1/2	-1410-1-8	1.99	1.02	0.47	1 3/16
	3/4	-1410-1-12	1.99		0.62	1 3/16
	1	-1410-1-16	2.25		0.72	1 3/8
1	1/2	-1610-1-8	2.26	1.23	0.47	
	3/4	-1610-1-12	2.26		0.62	1 3/8
	1	-1610-1-16	2.45		0.88	
1 1/8	1	-1810-1-16	2.45	1.23	0.88	1 5/8
1 1/4	1	-2000-1-16	3.04	1.62	0.88	1 3/4
	1 1/4	-2000-1-20			1.09	
1 1/2	1 1/2	-2400-1-24	3.50	1.97	1.34	2 1/8
2	2	-3200-1-32	4.47	2.66	1.81	2 3/4

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

卡套管 外径	NPT 尺寸 in.	基本 订购号	尺寸				
			A	D	E(1)	F	
尺寸, mm							
2	1/8	-2M0-1-2	30.5	12.9	1.7	12	
3	1/8	-3M0-1-2	30.5	12.9	2.4	12	
	1/4	-3M0-1-4	35.6			14	
4	1/8	-4M0-1-2	31.2	13.7	2.4	12	
	1/4	-4M0-1-4	36.3			14	
6	1/8	-6M0-1-2	32.8	15.3	4.8	14	
	1/4	-6M0-1-4	37.9			14	
	3/8	-6M0-1-6	38.4			18	
	1/2	-6M0-1-8	44.7			22	
8	1/8	-8M0-1-2	34.2	16.2	4.8	15	
	1/4	-8M0-1-4	38.7			6.4	15
	3/8	-8M0-1-6	39.3			6.4	18
	1/2	-8M0-1-8	45.6			6.4	22
10	1/8	-10M0-1-2	36.3	17.2	4.8	18	
	1/4	-10M0-1-4	40.9			7.1	18
	3/8	-10M0-1-6	40.9			7.9	18
	1/2	-10M0-1-8	46.5			7.9	22
	3/4	-10M0-1-12	48.0			7.9	27
12	1/8	-12M0-1-2	38.8	22.8	4.8	22	
	1/4	-12M0-1-4	43.4			7.1	22
	3/8	-12M0-1-6	43.4			9.5	22
	1/2	-12M0-1-8	49.0			9.5	22
	3/4	-12M0-1-12	50.5			9.5	27
14	1/4	-14M0-1-4	44.1	24.4	7.1	24	
	3/8	-14M0-1-6	44.1				9.5
	1/2	-14M0-1-8	49.0				11.1
15	1/2	-15M0-1-8	49.0	24.4	11.9	24	
16	3/8	-16M0-1-6	44.1	24.4	9.5	24	
	1/2	-16M0-1-8	49.0			11.9	24
	3/4	-16M0-1-12	50.5			12.7	27
18	1/2 3/4	-18M0-1-8 -18M0-1-12	50.5	24.4	11.9 15.1	27	
20	1/2 3/4	-20M0-1-8 -20M0-1-12	52.3	26.0	11.9 15.9	30	
22	3/4	-22M0-1-12	52.3	26.0	15.9	30	
	1	-22M0-1-16	57.1			18.3	35
25	1/2	-25M0-1-8	57.5	31.3	11.9	35	
	3/4	-25M0-1-12	57.5				15.9
	1	-25M0-1-16	62.3				21.8
28	1 1 1/4	-28M0-1-16 -28M0-1-20	72.4 73.1	36.6	21.8	41 46	
30	1 1/4	-30M0-1-20	77.2	39.6	26.2	46	
32	1 1/4	-32M0-1-20	79.6	42.0	28.6	46	
38	1 1/2	-38M0-1-24	91.6	49.4	33.7	55	

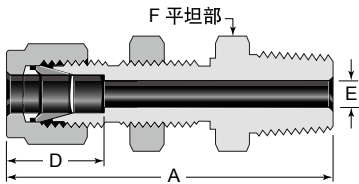
(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

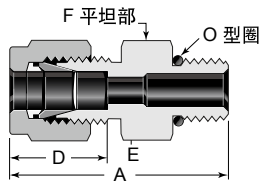
外螺纹连接



穿板 NPT

卡套管 外径	NPT 尺寸 in.	基本 订购号	尺寸					
			A	D	E (1)	F	面板孔 尺寸	最大 面板厚度
尺寸, in.								
1/8	1/8	-200-11-2	1.83	0.50	0.09	1/2	21/64	0.50
1/4	1/8	-400-11-2	1.95	0.60	0.19	5/8	29/64	0.40
	1/4	-400-11-4	2.13					
3/8	1/4	-600-11-4	2.26	0.66	0.28	3/4 3/4 7/8	37/64	0.44
	3/8	-600-11-6	2.26					
	1/2	-600-11-8	2.51					
1/2	3/8	-810-11-6	2.49	0.90	0.38 0.41	15/16	49/64	0.50
	1/2	-810-11-8	2.71					
3/4	3/4	-1210-11-12	3.00	0.96	0.62	1 3/16	1 1/64	0.66
1	1	-1610-11-16	3.67	1.23	0.88	1 5/8	1 21/64	0.75
尺寸, mm								
6	1/8	-6M0-11-2	49.5	15.3	4.8	16	11.5	10.2
	1/4	-6M0-11-4	53.6					
12	1/2	-12M0-11-8	68.8	22.8	9.5	24	19.5	12.7

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。



转接至 SAE J1926/1 和 ISO 11926-1
直螺纹凸台。

SAE/MS 直螺纹 (ST)

卡套管 外径	SAE/MS 螺纹 尺寸	基本 订购号	尺寸			
			A	D	E (1)	F
尺寸, in.						
1/8	5/16-24	-200-1-2ST	1.18	0.50	0.09	7/16
	7/16-20	-200-1-4ST	1.24			9/16
	9/16-18	-200-1-6ST	1.31			11/16
1/4	5/16-24	-400-1-2ST	1.27	0.60	0.09	1/2
	7/16-20	-400-1-4ST	1.34			9/16
	9/16-18	-400-1-6ST	1.40			11/16
	3/4-16	-400-1-8ST	1.48			7/8
	7/8-14	-400-1-10ST	1.60			1
5/16	1/2-20	-500-1-5ST	1.37	0.64	0.25	5/8
3/8	7/16-20	-600-1-4ST	1.40	0.66	0.18	5/8
	9/16-18	-600-1-6ST	1.46			11/16
	3/4-16	-600-1-8ST	1.54			7/8
	7/8-14	-600-1-10ST	1.66			1
1/2	9/16-18	-810-1-6ST	1.54	0.90	0.28	13/16
	3/4-16	-810-1-8ST	1.65			7/8
	7/8-14	-810-1-10ST	1.77			1
	1 1/16-12	-810-1-12ST	1.93			1 1/4
5/8	3/4-16	-1010-1-8ST	1.65	0.96	0.42	15/16
	7/8-14	-1010-1-10ST	1.78			1
3/4	3/4-16	-1210-1-8ST	1.81	0.96	0.42	1 1/16
	1 1/16-12	-1210-1-12ST	1.93			1 1/4
	1 5/16-12	-1210-1-16ST	1.96			1 1/2
7/8	1 3/16-12	-1410-1-14ST	1.93	1.02	0.72	1 3/8
1	1 1/16-12	-1610-1-12ST	2.10	1.23	0.66	1 3/8
	1 5/16-12	-1610-1-16ST	2.14			1 1/2
1 1/4	1 5/8-12	-2000-1-20ST	2.69	1.62	1.09	1 7/8
1 1/2	1 7/8-12	-2400-1-24ST	3.06	1.97	1.34	2 1/8
2	2 1/2-12	-3200-1-32ST	4.00	2.66	1.81	2 3/4

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

卡套管 外径	SAE/MS 螺纹 尺寸	基本 订购号	尺寸			
			A	D	E (1)	F
尺寸, mm						
6	9/16-18	-6M0-1-6ST	35.6	15.3	4.8	18
10	9/16-18	-10M0-1-6ST	37.3	17.2	7.1	18
	3/4-16	-10M0-1-8ST	39.4		7.9	22
12	7/16-20	-12M0-1-4ST	40.6	22.8	5.2	22
	9/16-18	-12M0-1-6ST	39.9		7.1	
	3/4-16	-12M0-1-8ST	41.9		9.5	

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

长 SAE/MS 直螺纹 (ST)

卡套管 外径	SAE/MS 螺纹 尺寸	基本 订购号	尺寸			
			A	D	E (1)	F
尺寸, in.						
1/4	7/16-20	-400-1L-4ST	2.26	0.60	0.19	9/16
1/2	3/4-16	-810-1L-8ST	3.01	0.90	0.41	7/8

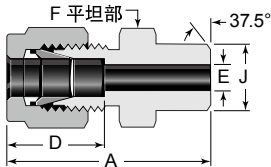
(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

焊接连接



公称管外焊 (英制)

卡套管 外径	公称管 焊接 尺寸	基本 订购号	尺寸				
			A	D	E (1)	F	J
尺寸, in.							
1/8	1/8	-200-1-2W	1.20	0.50	0.09	7/16	0.405
3/16	1/8	-300-1-2W	1.23	0.54	0.12	7/16	0.405
1/4	1/8	-400-1-2W	1.29	0.60	0.19	1/2	0.405
	1/4	-400-1-4W	1.49			9/16	0.540
5/16	1/8	-500-1-2W	1.34	0.64	0.21 0.25	9/16	0.405
	1/4	-500-1-4W	1.52				0.540
3/8	1/4	-600-1-4W	1.57	0.66	0.28	5/8	0.540
	3/8	-600-1-6W	1.57			11/16	0.675
	1/2	-600-1-8W	1.82			7/8	0.840
	3/4	-600-1-12W	1.88			1 1/8	1.050
1/2	3/8	-810-1-6W	1.71	0.90	0.41	13/16	0.675
	1/2	-810-1-8W	1.93			7/8	0.840
	3/4	-810-1-12W	1.99			1 1/16	1.050
	1	-810-1-16W	2.25			1 3/8	1.315
5/8	1/2	-1010-1-8W	1.93	0.96	0.50	15/16	0.840
3/4	1/2	-1210-1-8W	1.99	0.96	0.55	1 1/16	0.840
	3/4	-1210-1-12W			0.62		1.050
1	1	-1610-1-16W	2.45	1.23	0.88	1 3/8	1.315
1 1/4	1 1/4	-2000-1-20W	3.04	1.62	1.09	1 3/4	1.660
1 1/2	1 1/2	-2400-1-24W	3.50	1.97	1.34	2 1/8	1.900
2	2	-3200-1-32W	4.47	2.66	1.81	2 3/4	2.375

(1) 尺寸 E 是最小公称孔口。这些接头在焊接端可能会有更大的孔口。焊接端的壁厚基于规格 80 的公称管。

公称管外焊 (公制到英制)

卡套管 外径	公称管 焊接 尺寸 in.	基本 订购号	尺寸					
			A	D	E (1)	F	F, in. (2)	J
尺寸, mm								
3	1/8	-3M0-1-2W	30.5	12.9	2.4	12	1/2	10.3
4	1/8	-4M0-1-2W	31.2	13.7	2.4	12	1/2	10.3
6	1/8	-6M0-1-2W	32.8	15.3	4.8	14	1/2	10.3
	1/4	-6M0-1-4W	37.9				9/16	13.7
8	1/8	-8M0-1-2W	34.2	16.2	5.4	15	9/16	10.3
	1/4	-8M0-1-4W	38.7		6.4	15	9/16	13.7
	1/2	-8M0-1-8W	45.6		6.4	22	7/8	21.3
10	1/4	-10M0-1-4W	40.9	17.2	7.5	18	11/16	13.7
	3/8	-10M0-1-6W	40.9		7.9	18	11/16	17.1
	1/2	-10M0-1-8W	46.5		7.9	22	7/8	21.3
12	1/4	-12M0-1-4W	43.4	22.8	7.5	22	13/16	13.7
	3/8	-12M0-1-6W	43.4		9.5	22	13/16	17.1
	1/2	-12M0-1-8W	49.0		9.5	22	7/8	21.3
	3/4	-12M0-1-12W	50.5		9.5	27	1 1/16	26.7
14	3/8	-14M0-1-6W	44.1	24.4	10.7	24	15/16	17.1
15	1/2	-15M0-1-8W	49.0	24.4	11.9	24	15/16	21.3
16	1/2	-16M0-1-8W	49.0	24.4	12.7	24	15/16	21.3
18	1/2	-18M0-1-8W	50.5	24.4	13.9	27	1 1/16	21.3
30	1 1/4	-30M0-1-20W	77.2	39.6	26.2	46	46 mm	42.2
32	1 1/4	-32M0-1-20W	79.6	42.0	28.6	46	46 mm	42.2
38	1 1/2	-38M0-1-24W	91.6	49.4	33.7	55	55 mm	48.3

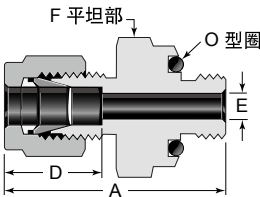
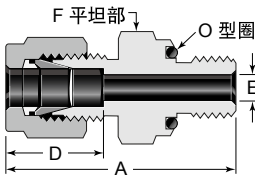
(1) 尺寸 E 是最小公称孔口。这些接头在焊接端可能会有更大的孔口。焊接端的壁厚基于规格 80 的公称管。
(2) 该尺寸适用于钢质接头。

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

外螺纹连接



O 型圈密封 (SAE/MS 直螺纹)

卡套管 外径	SAE/MS 螺纹 尺寸	基本 订购号	尺寸			
			A	D	E(1)	F
尺寸, in.						
1/16	5/16-24	-100-1-OR	1.05	0.34	0.05	9/16
1/8	5/16-24	-200-1-OR	1.29	0.50	0.09	9/16
3/16	3/8-24	-300-1-OR	1.35	0.54	0.12	5/8
1/4	7/16-20	-400-1-OR	1.51	0.60	0.19	3/4
5/16	1/2-20	-500-1-OR	1.60	0.64	0.25	7/8
3/8	9/16-18	-600-1-OR	1.67	0.66	0.28	15/16
1/2	3/4-16	-810-1-OR	1.81	0.90	0.41	1 1/8
3/4	1 1/16-12	-1210-1-OR	2.06	0.96	0.62	1 1/2
1	1 5/16-12	-1610-1-OR	2.29	1.23	0.88	1 3/4

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

O 型圈密封 (NPT)

卡套管 外径	NPT 尺寸	基本 订购号	尺寸			
			A	D	E ⁽¹⁾	F
尺寸, in.						
1/8	1/8	-200-1-2-OR	1.29	0.50	0.09	3/4
1/4	1/8	-400-1-2-OR	1.38	0.60	0.19	3/4
	1/4	-400-1-4-OR	1.51			15/16
3/8	1/4	-600-1-4-OR	1.57	0.66	0.28	15/16
	3/8	-600-1-6-OR	1.63			1 1/8
	1/2	-600-1-8-OR	1.85			1 5/16
1/2	1/2	-810-1-8-OR	1.96	0.90	0.41	1 5/16

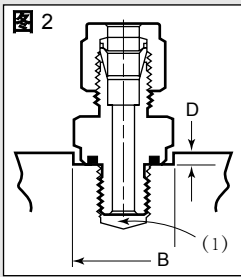
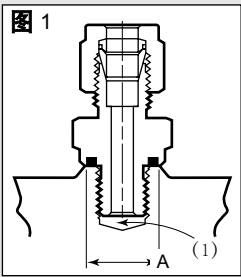
(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

O 型圈密封接头的安装尺寸

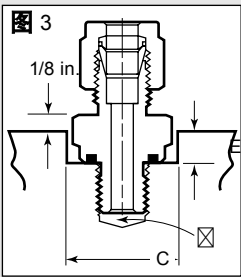
图 1 是使用凸起表面的情况。其最小直径实现了在 O 型圈密封直径外部的金属至金属接触，以防止 O 型圈挤出。

图 2 是使用凹孔的情况。凹孔使得 O 型圈密封接头的圆形肩部可以嵌入凹孔内。

图 3 也是使用凹孔的情况。该凹孔使得 O 型圈密封接头的六角部分可以嵌入凹孔内。



(1) 全螺纹时的容许间隙。

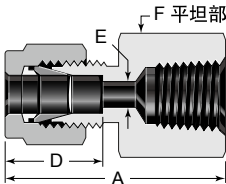


SAE/MS 螺纹 尺寸	NPT 尺寸	A 最小 直径	B 最小 直径	C 最小 直径	D 最大 深度	E 最大 深度
尺寸, in.						
5/16-24	—	0.50	0.59	0.66	0.09	0.16
5/16-24						0.22
—	1/8	0.69	0.78	0.88	0.16	0.28
3/8-24	—	0.56	0.66	0.75	0.09	0.22
7/16-20	—	0.69	0.78	0.88	0.16	0.28
—	1/8					0.31
—	1/4	0.87	0.97	1.09		
1/2-20	—	0.75	0.91	1.03		
9/16-18	—	0.81	0.97	1.09		
—	1/4	0.87		0.34		
—	3/8	1.00	1.16	1.31	0.22	0.44
—	1/2	1.22	1.34	1.53		0.44
3/4-16	—	1.00	1.16	1.31	0.16	0.34
—	1/2	1.22	1.34	1.53	0.22	0.44
1 1/16-12	—	1.41	1.53	1.75		0.50
1 5/16-12	—	1.69	1.78	2.03		0.56

不锈钢双卡套接头 Stainless Steel Two-Ferrule Design Pipe Joint Fittings

直通接头

内螺纹连接



NPT

卡套管 外径	NPT 尺寸	基本 订购号	尺寸			
			A	D	E	F
尺寸, in.						
1/16	1/16 1/8	-100-7-1 -100-7-2	0.93 0.96	0.34	0.05	7/16 9/16
1/8	1/8 1/4	-200-7-2 -200-7-4	1.13 1.32	0.50	0.09	9/16 3/4
3/16	1/8	-300-7-2	1.17	0.54	0.12	9/16
1/4	1/8	-400-7-2	1.23	0.60	0.19	9/16
	1/4	-400-7-4	1.41			3/4
	3/8	-400-7-6	1.48			7/8
	1/2	-400-7-8	1.67			1 1/16
5/16	1/8	-500-7-2	1.26	0.64	0.25	9/16
	1/4	-500-7-4	1.45			3/4
3/8	1/8	-600-7-2	1.29	0.66	0.28	5/8
	1/4	-600-7-4	1.48			3/4
	3/8	-600-7-6	1.54			7/8
	1/2	-600-7-8	1.73			1 1/16
	3/4	-600-7-12	1.88			1 5/16
1/2	1/4	-810-7-4	1.59	0.90	0.41	13/16
	3/8	-810-7-6	1.65			7/8
	1/2	-810-7-8	1.84			1 1/16
	3/4	-810-7-12	1.90			1 5/16
5/8	3/8	-1010-7-6	1.65	0.96	0.50	15/16
	1/2	-1010-7-8	1.84			1 1/16
	3/4	-1010-7-12	1.90			1 5/16
3/4	1/2	-1210-7-8	1.84	0.96	0.62	1 1/16
	3/4	-1210-7-12	1.90			1 5/16
7/8	3/4	-1410-7-12	1.96	1.02	0.72	1 5/16
1	3/4	-1610-7-12	2.10	1.23	0.88	1 3/8
	1	-1610-7-16	2.45			1 5/8
1 1/4	1 1/4	-2000-7-20	2.94	1.62	1.09	2 1/8
1 1/2	1 1/2	-2400-7-24	3.28	1.97	1.34	2 3/8
2	2	-3200-7-32	4.00	2.66	1.81	2 7/8

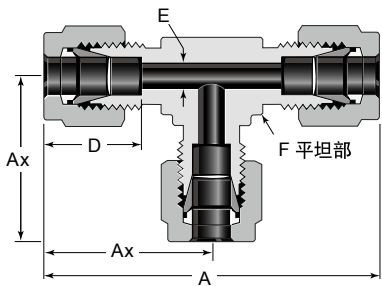
卡套管 外径	NPT 尺寸 in.	基本 订购号	尺寸								
			A	D	E	F					
尺寸, mm											
3	1/8 1/4	-3M0-7-2 -3M0-7-4	28.7 33.5	12.9	2.4	14 19					
4	1/8	-4M0-7-2	29.7	13.7	2.4	14					
6	1/8 1/4 3/8 1/2	-6M0-7-2 -6M0-7-4 -6M0-7-6 -6M0-7-8	31.3 35.8 37.6 42.5	15.3	4.8	14 19 22 27					
	8	1/8 1/4 3/8 1/2	-8M0-7-2 -8M0-7-4 -8M0-7-6 -8M0-7-8			32.1 37.0 38.5 43.3	16.2	6.4	15 19 22 27		
	10	1/4 3/8 1/2	-10M0-7-4 -10M0-7-6 -10M0-7-8			37.8 39.4 44.2			17.2	7.9	19 22 27
	12	1/4 3/8 1/2	-12M0-7-4 -12M0-7-6 -12M0-7-8			40.3 41.9 46.7					22.8
15	1/2	-15M0-7-8	46.7	24.4	11.9	27					
16	1/2	-16M0-7-8	46.9	24.4	12.7	27					
20	1/2 3/4	-20M0-7-8 -20M0-7-12	47.9 49.7	26.0	15.9	30 35					
22	3/4 1	-22M0-7-12 -22M0-7-16	49.7 57.9			26.0	18.3	35 41			
25	3/4 1	-25M0-7-12 -25M0-7-16	53.4 62.3	31.3	21.8			35 41			

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

三通

联合接头

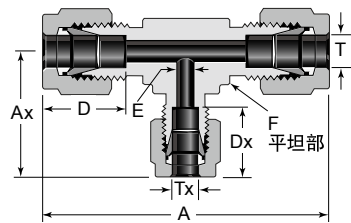


联合接头

卡套管 外径	基本 订购号	尺寸				
		A	Ax	D	E	F
尺寸, in.						
1/16	-100-3	1.40	0.70	0.34	0.05	3/8
1/8	-200-3	1.76	0.88	0.50	0.09	3/8
3/16	-300-3	1.92	0.96	0.54	0.12	7/16
1/4	-400-3	2.12	1.06	0.60	0.19	1/2
5/16	-500-3	2.34	1.17	0.64	0.25	5/8
3/8	-600-3	2.40	1.20	0.66	0.28	5/8
1/2	-810-3	2.84	1.42	0.90	0.41	13/16
5/8	-1010-3	3.06	1.53	0.96	0.50	1
3/4	-1210-3	3.14	1.57	0.96	0.62	1 1/16
7/8	-1410-3	3.52	1.76	1.02	0.72	1 3/8
1	-1610-3	3.86	1.93	1.23	0.88	1 3/8
1 1/8	-1810-3	4.34	2.17	1.23	0.97	1 11/16
1 1/4	-2000-3	5.34	2.67	1.62	1.09	1 11/16
1 1/2	-2400-3	6.20	3.10	1.97	1.34	2
2	-3200-3	8.44	4.22	2.66	1.81	2 3/4

卡套管 外径	基本 订购号	尺寸				
		A	Ax	D	E	F, in.
尺寸, mm						
2	-2M0-3	44.7	22.3	12.9	1.7	3/8
3	-3M0-3	44.7	22.3	12.9	2.4	3/8
4	-4M0-3	50.8	25.4	13.7	2.4	1/2
6	-6M0-3	53.9	27.0	15.3	4.8	1/2
8	-8M0-3	59.7	29.9	16.2	6.4	5/8
10	-10M0-3	63.0	31.5	17.2	7.9	11/16
12	-12M0-3	72.0	36.0	22.8	9.5	13/16
14	-14M0-3	77.6	38.8	24.4	11.1	1
15	-15M0-3	77.6	38.8	24.4	11.9	1
16	-16M0-3	77.6	38.8	24.4	12.7	1
18	-18M0-3	79.6	39.8	24.4	15.1	1 1/16
20	-20M0-3	89.3	44.6	26.0	15.9	1 3/8
22	-22M0-3	89.3	44.6	26.0	18.3	1 3/8
25	-25M0-3	98.3	49.1	31.3	21.8	1 3/8
28	-28M0-3	128	64.0	36.6	21.8	41 mm
30	-30M0-3	140	69.9	39.6	26.2	46 mm
32	-32M0-3	145	72.3	42.0	28.6	46 mm
38	-38M0-3	168	84.0	49.4	33.7	55 mm
50	-50M0-3	211	106	65.0	45.2	2 3/4

变径联合接头 (英制)



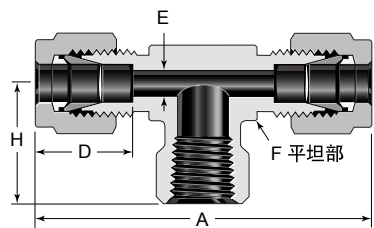
卡套管外径		基本 订购号	尺寸					
T	Tx		A	Ax	D	Dx	E	F
尺寸, in.								
3/8	1/4	-600-3-6-4	2.40	1.14	0.66	0.60	0.19	5/8
1/2	1/4	-810-3-8-4	2.84	1.25	0.90	0.60	0.19	13/16
	3/8	-810-3-8-6		1.31		0.66	0.28	
5/8	3/8	-1010-3-10-6	3.06	1.42	0.96	0.66	0.28	1
3/4	3/8	-1210-3-12-6	3.14	1.46	0.96	0.66	0.28	1 1/16
	1/2	-1210-3-12-8		1.57		0.90	0.41	
1	3/8	-1610-3-16-6	3.86	1.65	1.23	0.66	0.28	1 3/8
	1/2	-1610-3-16-8		1.76		0.90	0.41	
	3/4	-1610-3-16-12		1.76		0.96	0.62	
1 1/4	1	-2000-3-20-16	5.34	2.17	1.62	1.23	0.88	1 11/16
1 1/2	1	-2400-3-24-16	6.20	2.36	1.97	1.23	0.88	2
2	1	-3200-3-32-16	8.44	2.79	2.66	1.23	0.88	2 3/4

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

三通

内螺纹

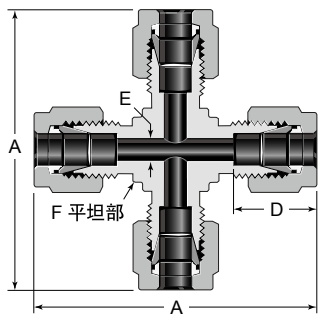


支管, NPT (TTF)

卡套管 外径	NPT 尺寸 in.	基本 订购号	尺寸				
			A	D	E	F, in.	H
尺寸, in.							
1/8	1/8	-200-3TTF	1.94	0.50	0.09	1/2	0.75
1/4	1/8	-400-3TTF	2.12	0.60	0.19	1/2	0.75
	1/4	-400-3-4TTF	2.34			11/16	0.88
3/8	1/4	-600-3TTF	2.46	0.66	0.28	11/16	0.88
	3/8	-600-3-6TTF	2.62			13/16	0.88
	1/2	-600-3-8TTF	2.84			1	1.12
1/2	1/4	-810-3-4TTF	2.84	0.90	0.41	13/16	0.88
	3/8	-810-3TTF	2.84			13/16	0.88
	1/2	-810-3-8TTF	3.06			1	1.12
5/8	1/2	-1010-3TTF	3.06	0.96	0.50	1	1.12
3/4	3/4	-1210-3TTF	3.52	0.96	0.62	1 3/8	1.25
1	3/4	-1610-3-12TTF	3.86	1.23	0.88	1 3/8	1.25
	1	-1610-3TTF	4.22			1 11/16	1.50
尺寸, mm							
6	1/8	-6M0-3TTF	53.9	15.3	4.8	1/2	19.0
	1/4	-6M0-3-4TTF	59.5			11/16	22.4
8	1/8	-8M0-3TTF	59.7	16.2	6.4	5/8	19.0
	1/4	-8M0-3-4TTF	61.2			11/16	22.4
10	1/4	-10M0-3TTF	67.0	17.2	7.9	13/16	22.4
12	1/4	-12M0-3-4TTF	72.0	22.8	9.5	13/16	22.4
	3/8	-12M0-3TTF	72.0			13/16	22.4
	1/2	-12M0-3-8TTF	77.7			1	28.4
16	1/2	-16M0-3TTF	77.6	24.4	12.7	1	28.4

四通

联合接头



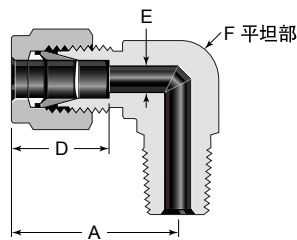
卡套管 外径	基本 订购号	尺寸			
		A	D	E	F, in.
尺寸, in.					
1/8	-200-4	1.76	0.50	0.09	3/8
1/4	-400-4	2.12	0.60	0.19	1/2
5/16	-500-4	2.34	0.64	0.25	5/8
3/8	-600-4	2.40	0.66	0.28	5/8
1/2	-810-4	2.84	0.90	0.41	13/16
3/4	-1210-4	3.14	0.96	0.62	1 1/16
1	-1610-4	3.86	1.23	0.88	1 3/8
尺寸, mm					
3	-3M0-4	44.7	12.9	2.4	3/8
6	-6M0-4	53.9	15.3	4.8	1/2
8	-8M0-4	59.7	16.2	6.4	5/8
10	-10M0-4	67.0	17.2	7.9	13/16
12	-12M0-4	72.0	22.8	9.5	13/16
16	-16M0-4	74.0	24.4	12.7	15/16
18	-18M0-4	76.6	24.4	15.1	1 1/16
20	-20M0-4	89.3	26.0	15.9	1 3/8
22	-22M0-4	89.4	26.0	18.3	5/8
25	-25M0-4	98.3	31.3	21.8	1 3/8

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

90° 弯头

外螺纹



NPT

卡套管 外径	NPT 尺寸	基本 订购号	尺寸			
			A	D	E ⁽¹⁾	F
尺寸, in.						
1/16	1/16 1/8	-100-2-1 -100-2-2	0.75	0.34	0.05	7/16
1/8	1/16	-200-2-1	0.93	0.50	0.09	7/16
	1/8	-200-2-2	0.93			7/16
	1/4	-200-2-4	0.97			1/2
3/16	1/8 1/4	-300-2-2 -300-2-4	1.00	0.54	0.12	1/2
1/4	1/16	-400-2-1	1.06	0.60	0.12	1/2
	1/8	-400-2-2	1.06		0.19	1/2
	1/4	-400-2-4	1.06		0.19	1/2
	3/8	-400-2-6	1.17		0.19	11/16
	1/2	-400-2-8	1.25		0.19	13/16
5/16	1/8	-500-2-2	1.13	0.64	0.19	9/16
	1/4	-500-2-4	1.13		0.25	9/16
	3/8	-500-2-6	1.20		0.25	11/16
3/8	1/8	-600-2-2	1.20	0.66	0.19	5/8
	1/4	-600-2-4	1.20		0.28	5/8
	3/8	-600-2-6	1.23		0.28	11/16
	1/2	-600-2-8	1.31		0.28	13/16
	3/4	-600-2-12	1.46		0.28	1 1/16
1/2	1/4	-810-2-4	1.42	0.90	0.28	13/16
	3/8	-810-2-6	1.42		0.38	13/16
	1/2	-810-2-8	1.42		0.41	13/16
	3/4	-810-2-12	1.57		0.41	1 1/16
5/8	3/8	-1010-2-6	1.50	0.96	0.38	15/16
	1/2	-1010-2-8	1.50		0.47	15/16
	3/4	-1010-2-12	1.57		0.50	1 1/16
3/4	1/2 3/4	-1210-2-8 -1210-2-12	1.57	0.96	0.47 0.62	1 1/16
7/8	3/4	-1410-2-12	1.76	1.02	0.62	1 3/8
1	3/4 1	-1610-2-12 -1610-2-16	1.93	1.23	0.62 0.88	1 3/8
1 1/4	1 1/4	-2000-2-20	2.67	1.62	1.09	1 11/16
1 1/2	1 1/2	-2400-2-24	3.10	1.97	1.34	2
2	2	-3200-2-32	4.22	2.66	1.81	2 3/4

(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

卡套管 外径	NPT 尺寸 in.	基本 订购号	尺寸			
			A	D	E ⁽¹⁾	F, in.
尺寸, mm						
3	1/8 1/4	-3M0-2-2 -3M0-2-4	23.6 24.6	12.9	2.4	7/16 1/2
4	1/8 1/4	-4M0-2-2 -4M0-2-4	25.4	13.7	2.4	1/2
6	1/8	-6M0-2-2	27.0	15.3	4.8	1/2
	1/4	-6M0-2-4	27.0			1/2
	3/8	-6M0-2-6	29.8			11/16
	1/2	-6M0-2-8	31.8			13/16
8	1/8	-8M0-2-2	28.8	16.2	4.8	9/16
	1/4	-8M0-2-4	28.8		6.4	9/16
	3/8	-8M0-2-6	30.6		6.4	11/16
	1/2	-8M0-2-8	32.6		6.4	13/16
10	1/8	-10M0-2-2	31.5	17.2	4.8	11/16
	1/4	-10M0-2-4	31.5		7.1	11/16
	3/8	-10M0-2-6	31.5		7.9	11/16
	1/2	-10M0-2-8	33.5		7.9	13/16
12	1/4	-12M0-2-4	36.0	22.8	7.1	13/16
	3/8	-12M0-2-6	36.0		9.5	13/16
	1/2	-12M0-2-8	36.0		9.5	13/16
	3/4	-12M0-2-12	39.8		9.5	1 1/16
15	1/2	-15M0-2-8	38.0	24.4	11.9	15/16
16	3/8	-16M0-2-6	38.0	24.4	9.5	15/16
	1/2	-16M0-2-8	38.0		11.9	15/16
	3/4	-16M0-2-12	39.8		12.7	1 1/16
18	1/2	-18M0-2-8	39.8	24.4	11.9	1 1/16
	3/4	-18M0-2-12			15.1	
20	1/2 3/4	-20M0-2-8 -20M0-2-12	44.6	26.0	11.9 15.9	1 3/8
22	3/4 1	-22M0-2-12 -22M0-2-16	44.6	26.0	15.9 18.3	1 3/8
25	3/4 1	-25M0-2-12 -25M0-2-16	49.1	31.3	15.9 21.8	1 3/8
30	1 1/4	-30M0-2-20	69.9	39.6	26.2	46 mm
32	1 1/4	-32M0-2-20	72.3	42.0	27.8	46 mm
38	1 1/2	-38M0-2-24	84.0	49.4	33.7	55 mm

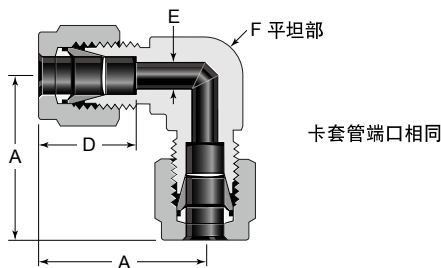
(1) 尺寸 E 是最小公称孔口。这些接头在管螺纹/直螺纹端可能会有更大的孔口。

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

90° 弯头

联合接头



卡套管 外径	基本 订购号	尺寸			
		A	D	E	F
尺寸, in.					
1/16	-100-9	0.70	0.34	0.05	3/8
1/8	-200-9	0.88	0.50	0.09	3/8
3/16	-300-9	1.00	0.54	0.12	1/2
1/4	-400-9	1.06	0.60	0.19	1/2
5/16	-500-9	1.13	0.64	0.25	9/16
3/8	-600-9	1.20	0.66	0.28	5/8
1/2	-810-9	1.42	0.90	0.41	13/16
5/8	-1010-9	1.50	0.96	0.50	15/16
3/4	-1210-9	1.57	0.96	0.62	1 1/16
7/8	-1410-9	1.76	1.02	0.72	1 3/8
1	-1610-9	1.93	1.23	0.88	1 3/8
1 1/8	-1810-9	2.17	1.23	0.97	1 11/16
1 1/4	-2000-9	2.67	1.62	1.09	1 11/16
1 1/2	-2400-9	3.10	1.97	1.34	2
2	-3200-9	4.22	2.66	1.81	2 3/4

卡套管 外径	基本 订购号	尺寸			
		A	D	E	F, in.
尺寸, mm					
3	-3M0-9	22.3	12.9	2.4	3/8
4	-4M0-9	25.4	13.7	2.4	1/2
6	-6M0-9	27.0	15.3	4.8	1/2
8	-8M0-9	28.8	16.2	6.4	9/16
10	-10M0-9	31.5	17.2	7.9	11/16
12	-12M0-9	36.0	22.8	9.5	13/16
14	-14M0-9	38.0	24.4	11.1	15/16
15	-15M0-9	38.0	24.4	11.9	15/16
16	-16M0-9	38.0	24.4	12.7	15/16
18	-18M0-9	39.8	24.4	15.1	1 1/16
20	-20M0-9	44.6	26.0	15.9	1 3/8
22	-22M0-9	44.6	26.0	18.3	1 3/8
25	-25M0-9	49.1	31.3	21.8	1 3/8
28	-28M0-9	64.0	36.6	21.8	41 mm
30	-30M0-9	69.9	39.6	26.2	46 mm
32	-32M0-9	72.3	42.0	28.6	46 mm
38	-38M0-9	84.0	49.4	33.7	55 mm
50	-50M0-9	106	65.0	45.2	2 3/4

不锈钢双卡套接头

Stainless Steel Two-Ferrule Design Pipe Joint Fittings

卡套



前卡套

卡套管 外径	基本 订购号
尺寸, in.	
1/16	-103-1
1/8	-203-1
3/16	-303-1
1/4	-403-1
5/16	-503-1
3/8	-603-1
1/2	-813-1
5/8	-1013-1
3/4	-1213-1
7/8	-1413-1
1	-1613-1
1 1/4	-2003-1 ⁽¹⁾
1 1/2	-2403-1 ⁽¹⁾
2	-3203-1 ⁽¹⁾

(1) 1 in. 以上和 25 mm 以
上的不锈钢前卡套镀有
PFA。若想订购镀银的前
卡套, 请在基本订购号中加
上 -BL。
例: SS-2003-1-BL

卡套管 外径	基本 订购号
尺寸, mm	
2	-2M3-1
3	-3M3-1
4	-4M3-1
6	-6M3-1
8	-8M3-1
10	-10M3-1
12	-12M3-1
14	-14M3-1
15	-15M3-1
16	-16M3-1
18	-18M3-1
20	-20M3-1
22	-22M3-1
25	-25M3-1
28	-28M3-1 ⁽¹⁾
30	-30M3-1 ⁽¹⁾
32	-32M3-1 ⁽¹⁾
38	-38M3-1 ⁽¹⁾
50	-50M3-1 ⁽¹⁾

后卡套

卡套管 外径	基本 订购号
尺寸, in.	
1/16	-104-1
1/8	-204-1
3/16	-304-1
1/4	-404-1
5/16	-504-1
3/8	-604-1
1/2	-814-1
5/8	-1014-1
3/4	-1214-1
7/8	-1414-1
1	-1614-1
1 1/4	-2004-1 ⁽¹⁾
1 1/2	-2404-1 ⁽¹⁾
2	-3204-1 ⁽¹⁾

(1) 1 in. 以上和 25 mm 以
上的不锈钢后卡套镀有
PFA。若想订购没有 PFA
镀层的后卡套, 请在基本订
购号中加上 -WC。
例: SS-2004-1-WC

卡套管 外径	基本 订购号
尺寸, mm	
2	-2M4-1
3	-3M4-1
4	-4M4-1
6	-6M4-1
8	-8M4-1
10	-10M4-1
12	-12M4-1
14	-14M4-1
15	-15M4-1
16	-16M4-1
18	-18M4-1
20	-20M4-1
22	-22M4-1
25	-25M4-1
28	-28M4-1 ⁽¹⁾
30	-30M4-1 ⁽¹⁾
32	-32M4-1 ⁽¹⁾
38	-38M4-1 ⁽¹⁾
50	-50M4-1 ⁽¹⁾