

Quick-fitting Joint for Pneumatic Piping Tube Fitting

Characteristics (Package : 10 pcs. in a bag)

- This Quick-fitting joint is used in pneumatic piping.
(Use with water is possible depending on the conditions.)
- The Tube Fitting comes in a wide variety of models to meet all your needs in pneumatic piping.
- Even after installation, the direction of the tubing can be changed freely.

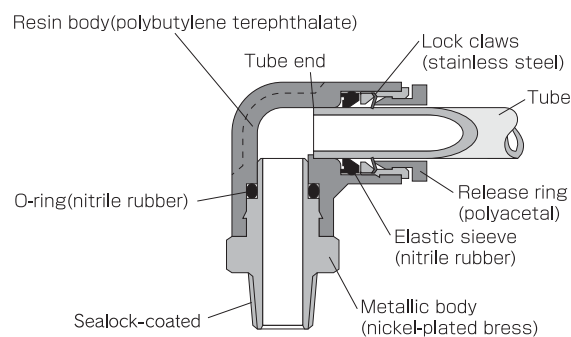
Specifications

Fluid admitted	Air, water (conditional)	
Service pressure range	0~150psi	0~0.9MPa (0~9.18kg/cm ²)
Working vacuum	-29.5in.Hg	-750mmHg
Service temperature range	32~140°F	0~60°C

※ Conditions of Water (when used)

1. Operating temperature: 0 to 60°C
2. Operating pressure: 0 to 0.32MPa
3. No water hammer is allowed.
4. Be sure to install the insert ring.

Construction



Model Designation (Example)



① Type

② Tube Dia. (φD)

	mm size						in. size						
Code	4	6	8	10	12	16	5/32	3/16	1/4	5/16	3/8	1/2	5/8
Dia.	φ4	φ6	φ8	φ10	φ12	φ16	φ5/32	φ3/16	φ1/4	φ5/16	φ3/8	φ1/2	φ5/8

③ Thread size (R)

	mm size		in. size			
Code	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2
	Unified fine thread		American standard taper pipe thread			
Code	U10U		N1U	N2U	N3U	N4U
Size	10-32UNF		NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ U: Hexagon flat-to-flat inch spec. (NPT)

No code: Hexagon flat-to-flat metric spec.

Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on page 3 and "Common Safety Instructions for Quick-Fitting Joint" on pages 4 and 5.

Warning

1. When the fluid admitted is water, do not use the PISCO device unless the application satisfies all the conditions required in Specifications. Otherwise damage may be caused to the joint body, the tube may come off or leakage may result.

TUBE FITTING STANDARD TYPE

PC



MODEL	PORT1	PORT2
PC4-M5	4mm	M5×0.8
PC4-M50	4mm	M5×0.8
PC4-M6	4mm	M6×1.0
PC4-01	4mm	R1/8
PC4-02	4mm	R1/4
PC6-M5	6mm	M5×0.8
PC6-M6	6mm	M6×1.0
PC6-01	6mm	R1/8
PC6-02	6mm	R1/4
PC6-03	6mm	R3/8
PC8-01	8mm	R1/8
PC8-02	8mm	R1/4
PC8-03	8mm	R3/8
PC10-01	10mm	R1/8
PC10-02	10mm	R1/4
PC10-03	10mm	R3/8
PC10-04	10mm	R1/2
PC12-02	12mm	R1/4
PC12-03	12mm	R3/8
PC12-04	12mm	R1/2
PC16-03	16mm	R3/8
PC16-04	16mm	R1/2
PC1/4-01	1/4"	R1/8
PC1/4-02	1/4"	R1/4
PC1/4-03	1/4"	R3/8
PC3/16-01	3/16"	R1/8
PC3/16-02	3/16"	R1/4
PC5/16-01	5/16"	R1/8
PC5/16-02	5/16"	R1/4
PC5/16-03	5/16"	R3/8
PC3/8-01	3/8"	R1/8
PC3/8-02	3/8"	R1/4
PC3/8-03	3/8"	R3/8
PC3/8-04	3/8"	R1/2
PC1/2-02	1/2"	R1/4
PC1/2-03	1/2"	R3/8
PC1/2-04	1/2"	R1/2
PC5/8-03	5/8"	R3/8
PC5/8-04	5/8"	R1/2

MODEL	PORT1	PORT2
PC5/32-M5	5/32"	M5×0.8
PC5/32-01	5/32"	R1/8
PC5/32-02	5/32"	R1/4
PC5/32-U10U	5/32"	10-32UNF
PC5/32-N1U	5/32"	NPT1/8
PC5/32-N2U	5/32"	NPT1/4
PC3/16-M5	3/16"	M5×0.8
PC3/16-U10U	3/16"	10-32UNF
PC3/16-N0U	3/16"	NPT1/16
PC3/16-N1U	3/16"	NPT1/8
PC3/16-N2U	3/16"	NPT1/4
PC3/16-N3U	3/16"	NPT3/8
PC1/4-M5	1/4"	M5×0.8
PC1/4-U10U	1/4"	10-32UNF
PC1/4-N0U	1/4"	NPT1/16
PC1/4-N1U	1/4"	NPT1/8
PC1/4-N2U	1/4"	NPT1/4
PC1/4-N3U	1/4"	NPT3/8
PC5/16-N1U	5/16"	NPT1/8
PC5/16-N2U	5/16"	NPT1/4
PC5/16-N3U	5/16"	NPT3/8
PC3/8-N1U	3/8"	NPT1/8
PC3/8-N2U	3/8"	NPT1/4
PC3/8-N3U	3/8"	NPT3/8
PC3/8-N4U	3/8"	NPT1/2
PC1/2-N2U	1/2"	NPT1/4
PC1/2-N3U	1/2"	NPT3/8
PC1/2-N4U	1/2"	NPT1/2
PC5/8-N3U	5/8"	NPT3/8
PC5/8-N4U	5/8"	NPT1/2

POC

Hex. Holed Straight



MODEL	PORT1	PORT2
POC4-M5	4mm	M5×0.8
POC4-M6	4mm	M6×1.0
POC4-01	4mm	R1/8
POC6-M5	6mm	M5×0.8
POC6-M6	6mm	M6×1.0
POC6-01	6mm	R1/8
POC6-02	6mm	R1/4
POC8-01	8mm	R1/8
POC8-02	8mm	R1/4
POC8-03	8mm	R3/8
POC10-01	10mm	R1/8
POC10-02	10mm	R1/4
POC10-03	10mm	R3/8
POC10-04	10mm	R1/2
POC12-02	12mm	R1/4
POC12-03	12mm	R3/8
POC12-04	12mm	R1/2
POC16-03	16mm	R3/8
POC16-04	16mm	R3/8
POC1/4-M5	1/4"	M5×0.8
POC1/4-01	1/4"	R1/8
POC1/4-02	1/4"	R1/4
POC5/16-01	5/16"	R1/8
POC5/16-02	5/16"	R1/4
POC5/16-03	5/16"	R3/8
POC3/8-02	3/8"	R1/4
POC3/8-03	3/8"	R3/8
POC3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
POC5/32-U10U	5/32"	10-32UNF
POC5/32-N1U	5/32"	NPT1/8
POC1/4-U10U	1/4"	10-32UNF
POC1/4-N1U	1/4"	NPT1/8
POC1/4-N2U	1/4"	NPT1/4
POC3/16-U10U	3/16"	10-32UNF
POC3/16-N1U	5/16"	NPT1/8
POC5/16-N1U	5/16"	NPT1/8
POC5/16-N2U	5/16"	NPT1/4
POC5/16-N3U	5/16"	NPT3/8
POC3/8-N1U	3/8"	NPT1/8
POC3/8-N2U	3/8"	NPT1/4
POC3/8-N3U	3/8"	NPT3/8
POC3/8-N4U	3/8"	NPT1/2
POC1/2-N2U	1/2"	NPT1/4
POC1/2-N3U	1/2"	NPT3/8
POC1/2-N4U	1/2"	NPT1/2

PCF

Female Straight



MODEL	PORT1	PORT2
PCF4-M5	4mm	M5×0.8
PCF4-01	4mm	Rc1/8
PCF4-02	4mm	Rc1/4
PCF6-M5	6mm	M5×0.8
PCF6-01	6mm	Rc1/8
PCF6-02	6mm	Rc1/4
PCF6-03	6mm	Rc3/8
PCF8-01	8mm	Rc1/8
PCF8-02	8mm	Rc1/4
PCF8-03	8mm	Rc3/8
PCF10-02	10mm	Rc1/4
PCF10-03	10mm	Rc3/8
PCF12-02	12mm	Rc1/4
PCF12-03	12mm	Rc3/8
PCF12-04	12mm	Rc1/2
PCF16-03	16mm	Rc3/8
PCF16-04	16mm	Rc1/2
PCF3/16-01	3/16"	Rc1/8
PCF3/16-02	3/16"	Rc1/4
PCF1/4-01	1/4"	Rc1/8
PCF1/4-02	1/4"	Rc1/4
PCF1/4-03	1/4"	Rc3/8
PCF5/16-01	5/16"	Rc1/8
PCF5/16-02	5/16"	Rc1/4
PCF5/16-03	5/16"	Rc3/8
PCF3/8-02	3/8"	Rc1/4
PCF3/8-03	3/8"	Rc3/8
PCF1/2-02	1/2"	Rc1/4
PCF1/2-03	1/2"	Rc3/8
PCF1/2-04	1/2"	Rc1/2

MODEL	PORT1	PORT2
PCF5/32-U10U	5/32"	10-32UNF
PCF5/32-01	5/32"	Rc1/8
PCF5/32-02	5/32"	Rc1/4
PCF5/32-N1U	5/32"	NPT1/8
PCF5/32-N2U	5/32"	NPT1/4
PCF3/16-U10U	3/16"	10-32UNF
PCF3/16-N1U	3/16"	NPT1/8
PCF3/16-N2U	3/16"	NPT1/4
PCF1/4-U10U	1/4"	10-32UNF
PCF1/4-N1U	1/4"	NPT1/8
PCF1/4-N2U	1/4"	NPT1/4
PCF1/4-N3U	1/4"	NPT3/8
PCF5/16-N1U	5/16"	NPT1/8
PCF5/16-N2U	5/16"	NPT1/4
PCF5/16-N3U	5/16"	NPT3/8
PCF3/8-N1U	3/8"	NPT1/8
PCF3/8-N2U	3/8"	NPT1/4
PCF3/8-N3U	3/8"	NPT3/8
PCF1/2-N2U	1/2"	NPT1/4
PCF1/2-N3U	1/2"	NPT3/8
PCF1/2-N4U	1/2"	NPT1/2

PU

Union Straight



MODEL	PORT
PU4	4mm
PU6	6mm
PU8	8mm
PU10	10mm
PU12	12mm
PU16	16mm

MODEL	PORT
PU5/32	5/32"
PU3/16	3/16"
PU1/4	1/4"
PU5/16	5/16"
PU3/8	3/8"
PU1/2	1/2"
PU5/8	5/8"

PG

Different Diam. Union Straight



MODEL	PORT1	PORT2
PG6-4	6mm	4mm
PG8-4	8mm	4mm
PG8-6	8mm	6mm
PG10-6	10mm	6mm
PG10-8	10mm	8mm
PG12-8	12mm	8mm
PG12-10	12mm	10mm
PG12-3/8	12mm	3/8"
PG16-10	16mm	10mm
PG16-12	16mm	12mm
PG1/4-4	1/4"	4mm

MODEL	PORT1	PORT2
PG3/16-5/32	3/16"	5/32"
PG1/4-3/16	1/4"	3/16"
PG1/4-5/32	1/4"	5/32"
PG5/16-3/16	5/16"	3/16"
PG5/16-1/4	5/16"	1/4"
PG3/8-1/4	3/8"	1/4"
PG3/8-5/16	3/8"	5/16"
PG1/2-1/4	1/2"	1/4"
PG1/2-5/16	1/2"	5/16"
PG1/2-3/8	1/2"	3/8"
PG5/8-1/2	5/8"	1/2"

PGJ

Reducer



MODEL	PORT1	PORT2
PGJ4-6	4mm	6mm
PGJ6-4	6mm	4mm
PGJ6-8	6mm	8mm
PGJ8-4	8mm	4mm
PGJ8-6	8mm	6mm
PGJ8-10	8mm	10mm
PGJ10-4	10mm	4mm
PGJ10-6	10mm	6mm
PGJ10-8	10mm	8mm
PGJ10-12	10mm	12mm
PGJ12-6	12mm	6mm
PGJ12-8	12mm	8mm
PGJ12-10	12mm	10mm
PGJ16-8	16mm	8mm
PGJ16-10	16mm	10mm
PGJ16-12	16mm	12mm
PGJ8-1/4	8mm	1/4"
PGJ10-1/4	10mm	1/4"
PGJ10-5/16	10mm	5/16"
PGJ12-1/4	12mm	1/4"
PGJ12-3/8	12mm	3/8"
PGJ12-5/16	12mm	5/16"

MODEL	PORT1	PORT2
PGJ1/4-5/32	1/4"	5/32"
PGJ5/16-1/4	5/16"	1/4"
PGJ5/16-5/32	5/16"	5/32"
PGJ3/8-1/4	3/8"	1/4"
PGJ3/8-5/16	3/8"	5/16"
PGJ1/2-1/4	1/2"	1/4"
PGJ1/2-3/8	1/2"	3/8"
PGJ1/2-5/16	1/2"	5/16"

PL

Elbow



MODEL	PORT1	PORT2
PL4-M5	4mm	M5×0.8
PL4-M6	4mm	M6×1.0
PL4-01	4mm	R1/8
PL4-02	4mm	R1/4
PL6-M5	6mm	M5×0.8
PL6-M6	6mm	M6×1.0
PL6-01	6mm	R1/8
PL6-02	6mm	R1/4
PL6-03	6mm	R3/8
PL8-01	8mm	R1/8
PL8-02	8mm	R1/4
PL8-03	8mm	R3/8
PL10-01	10mm	R1/8
PL10-02	10mm	R1/4
PL10-03	10mm	R3/8
PL10-04	10mm	R1/2
PL12-02	12mm	R1/4
PL12-03	12mm	R3/8
PL12-04	12mm	R1/2
PL16-03	16mm	R3/8
PL16-04	16mm	R1/2
PL1/4-01	1/4"	R1/8
PL1/4-02	1/4"	R1/4
PL1/4-03	1/4"	R3/8
PL5/16-01	5/16"	R1/8
PL5/16-02	5/16"	R1/4
PL5/16-03	5/16"	R3/8
PL3/8-01	3/8"	R1/8
PL3/8-02	3/8"	R1/4
PL3/8-03	3/8"	R3/8
PL3/8-04	3/8"	R1/2
PL1/2-02	1/2"	R1/4
PL1/2-03	1/2"	R3/8
PL1/2-04	1/2"	R1/2
PL5/8-03	5/8"	R3/8
PL5/8-04	5/8"	R1/2

MODEL	PORT1	PORT2
PL5/32-M5	5/32"	M5×0.8
PL5/32-U10U	5/32"	10-32UNF
PL5/32-N0U	5/32"	NPT1/16
PL5/32-N1U	5/32"	NPT1/8
PL5/32-N2U	5/32"	NPT1/4
PL5/32-01	5/32"	R1/8
PL5/32-02	5/32"	R1/4
PL3/16-M5	3/16"	M5×0.8
PL3/16-U10U	3/16"	10-32UNF
PL3/16-N0U	3/16"	NPT1/16
PL3/16-N1U	3/16"	NPT1/8
PL3/16-N2U	3/16"	NPT1/4
PL3/16-N3U	3/16"	NPT3/8
PL3/16-01	3/16"	R1/8
PL3/16-02	3/16"	R1/4
PL1/4-M5	1/4"	M5×0.8
PL1/4-U10U	1/4"	10-32UNF
PL1/4-N0U	1/4"	NPT1/16
PL1/4-N1U	1/4"	NPT1/8
PL1/4-N2U	1/4"	NPT1/4
PL1/4-N3U	1/4"	NPT3/8
PL5/16-N1U	5/16"	NPT1/8
PL5/16-N2U	5/16"	NPT1/4
PL5/16-N3U	5/16"	NPT3/8
PL3/8-01	3/8"	R1/8
PL3/8-N1U	3/8"	NPT1/8
PL3/8-N2U	3/8"	NPT1/4
PL3/8-N3U	3/8"	NPT3/8
PL3/8-N4U	3/8"	NPT1/2
PL1/2-N2U	1/2"	NPT1/4
PL1/2-N3U	1/2"	NPT3/8
PL1/2-N4U	1/2"	NPT1/2
PL5/8-N3U	5/8"	NPT3/8
PL5/8-N4U	5/8"	NPT1/2

PLJ

Socket Elbow



MODEL	PORT
PLJ4	4mm
PLJ6	6mm
PLJ8	8mm
PLJ10	10mm
PLJ12	12mm
PLJ16	16mm

MODEL	PORT
PLJ5/32	1/32"
PLJ1/4	1/4"
PLJ5/16	5/16"
PLJ3/8	3/8"
PLJ1/2	1/2"

PLGJ

Different Diam. Socket Elbow



MODEL	PORT1	PORT2
PLGJ6-4	6mm	4mm
PLGJ8-4	8mm	6mm
PLGJ8-6	8mm	6mm
PLGJ10-6	10mm	6mm
PLGJ10-8	10mm	8mm
PLGJ12-8	12mm	8mm
PLGJ12-10	12mm	10mm
PLGJ16-12	16mm	12mm

MODEL	PORT1	PORT2
PLGJ1/4-5/32	1/4"	5/32"
PLGJ1/4-3/16	1/4"	3/16"
PLGJ1/4-6	1/4"	6mm
PLGJ5/16-3/16	5/16"	3/16"
PLGJ5/16-1/4	5/16"	1/4"
PLGJ3/8-1/4	3/8"	1/4"
PLGJ3/8-5/16	3/8"	5/16"
PLGJ1/2-5/16	1/2"	5/16"
PLGJ1/2-3/8	1/2"	3/8"
PLGJ1/2-12	1/2"	12

PLLGJ

Different Diam. Long Socket Elbow



MODEL	PORT1	PORT2
PLLGJ6-4	6mm	4mm

PLHJ

45° Socket Elbow



MODEL	PORT
PLHJ8	8mm
PLHJ10	10mm
PLHJ12	12mm
PLHJ16	16mm

PLLJ

Long Socket Elbow



MODEL	PORT
PLLJ4	4mm
PLLJ6	6mm
PLLJ8	8mm
PLLJ10	10mm
PLLJ12	12mm

MODEL	PORT
PLLJ5/32	5/32"
PLLJ1/4	1/4"
PLLJ5/16	5/16"
PLLJ3/8	3/8"
PLLJ1/2	1/2"

PV

Union Elbow



MODEL	PORT
PV4	4mm
PV6	6mm
PV8	8mm
PV10	10mm
PV12	12mm
PV16	16mm

MODEL	PORT
PV5/32	5/32"
PV3/16	3/16"
PV1/4	1/4"
PV5/16	5/16"
PV3/8	3/8"
PV1/2	1/2"

PLL

Long Elbow



MODEL	PORT1	PORT2
PLL4-M5	4mm	M5×0.8
PLL4-01	4mm	R1/8
PLL4-02	4mm	R1/4
PLL6-M5	6mm	M5×0.8
PLL6-01	6mm	R1/8
PLL6-02	6mm	R1/4
PLL6-03	6mm	R3/8
PLL8-01	8mm	R1/8
PLL8-02	8mm	R1/4
PLL8-03	8mm	R3/8
PLL10-01	10mm	R1/8
PLL10-02	10mm	R1/4
PLL10-03	10mm	R3/8
PLL10-04	10mm	R1/2
PLL12-02	12mm	R1/4
PLL12-03	12mm	R3/8
PLL12-04	12mm	R1/2
PLL16-03	16mm	R3/8
PLL16-04	16mm	R1/2
PLL1/4-U10U	1/4"	10-32UNF
PLL1/4-01	1/4"	R1/8
PLL1/4-02	1/4"	R1/4
PLL1/4-03	1/4"	R3/8
PLL3/16-U10U	3/16"	10-32UNF
PLL5/16-01	5/16"	R1/8
PLL5/16-02	5/16"	R1/4
PLL5/16-03	5/16"	R3/8
PLL3/8-01	3/8"	R1/8
PLL3/8-02	3/8"	R1/4
PLL3/8-03	3/8"	R3/8
PLL3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PLL5/32-01	5/32"	R1/8
PLL5/32-02	5/32"	R1/4
PLL5/32-U10U	5/32"	10-32UNF
PLL5/32-N1U	5/32"	NPT1/8
PLL5/32-N2U	5/32"	NPT1/4
PLL3/16-01	3/16"	R1/8
PLL3/16-02	3/16"	R1/4
PLL3/16-N1U	3/16"	NPT1/8
PLL3/16-N2U	3/16"	NPT1/4
PLL3/16-N3U	3/16"	NPT3/8
PLL1/4-N1U	1/4"	NPT1/8
PLL1/4-N2U	1/4"	NPT1/4
PLL1/4-N3U	1/4"	NPT3/8
PLL5/16-N1U	5/16"	NPT1/8
PLL5/16-N2U	5/16"	NPT1/4
PLL5/16-N3U	5/16"	NPT3/8
PLL3/8-N1U	3/8"	NPT1/8
PLL3/8-N2U	3/8"	NPT1/4
PLL3/8-N3U	3/8"	NPT3/8
PLL3/8-N4U	3/8"	NPT1/2
PLL1/2-02	1/2"	R1/4
PLL1/2-03	1/2"	R3/8
PLL1/2-04	1/2"	R1/2
PLL1/2-N2U	1/2"	NPT1/4
PLL1/2-N3U	1/2"	NPT3/8
PLL1/2-N4U	1/2"	NPT1/2

PH

Universal Elbow



MODEL	PORT1	PORT2
PH4-M5	4mm	M5×0.8
PH4-M6	4mm	M6×1.0
PH4-01	4mm	R1/8
PH6-M5	6mm	M5×0.8
PH6-M6	6mm	M6×1.0
PH6-01	6mm	R1/8
PH6-02	6mm	R1/4
PH8-01	8mm	R1/8
PH8-02	8mm	R1/4
PH8-03	8mm	R3/8
PH10-02	10mm	R1/4
PH10-03	10mm	R3/8
PH12-03	12mm	R3/8
PH12-04	12mm	R1/2
PH16-03	16mm	R3/8
PH16-04	16mm	R1/2
PH1/4-01	1/4"	R1/8
PH1/4-02	1/4"	R1/4
PH5/16-01	5/16"	R1/8
PH5/16-02	5/16"	R1/4
PH5/16-03	5/16"	R3/8
PH3/8-02	3/8"	R1/4
PH3/8-03	3/8"	R3/8

MODEL	PORT1	PORT2
PH5/32-M5	5/32"	M5×0.8
PH5/32-U10U	5/32"	10-32UNF
PH5/32-N1U	5/32"	NPT1/8
PH5/32-01	5/32"	R1/8
PH3/16-M5	3/16"	M5×0.8
PH3/16-U10U	3/16"	10-32UNF
PH3/16-N1U	3/16"	NPT1/8
PH3/16-N2U	3/16"	NPT1/4
PH3/16-01	3/16"	R1/8
PH3/16-02	3/16"	R1/4
PH1/4-M5	1/4"	M5×0.8
PH1/4-U10U	1/4"	10-32UNF
PH1/4-N1U	1/4"	NPT1/8
PH1/4-N2U	1/4"	NPT1/4
PH5/16-N1U	5/16"	NPT1/8
PH5/16-N2U	5/16"	NPT1/4
PH5/16-N3U	5/16"	NPT3/8
PH3/8-N2U	3/8"	NPT1/4
PH3/8-N3U	3/8"	NPT3/8
PH1/2-N3U	1/2"	NPT3/8
PH1/2-N4U	1/2"	NPT1/2
PH1/2-03	1/2"	R3/8
PH1/2-04	1/2"	R1/2

PB

Tee



MODEL	PORT1	PORT2
PB4-M5	4mm	M5×0.8
PB4-M6	4mm	M6×1.0
PB4-01	4mm	R1/8
PB4-02	4mm	R1/4
PB6-M5	6mm	M5×0.8
PB6-M6	6mm	M6×1.0
PB6-01	6mm	R1/8
PB6-02	6mm	R1/4
PB6-03	6mm	R3/8
PB8-01	8mm	R1/8
PB8-02	8mm	R1/4
PB8-03	8mm	R3/8
PB10-01	10mm	R1/8
PB10-02	10mm	R1/4
PB10-03	10mm	R3/8
PB10-04	10mm	R1/2
PB12-02	12mm	R1/4
PB12-03	12mm	R3/8
PB12-04	12mm	R1/2
PB16-03	16mm	R3/8
PB16-04	16mm	R1/2
PB1/4-01	1/4"	R1/8
PB1/4-02	1/4"	R1/4
PB1/4-03	1/4"	R3/8
PB5/16-01	5/16"	R1/8
PB5/16-02	5/16"	R1/4
PB5/16-03	5/16"	R3/8
PB3/8-01	3/8"	R1/8
PB3/8-02	3/8"	R1/4
PB3/8-03	3/8"	R3/8
PB3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PB5/32-U10U	5/32"	10-32UNF
PB5/32-N1U	5/32"	NPT1/8
PB5/32-N2U	5/32"	NPT1/4
PB5/32-01	5/32"	R1/8
PB5/32-02	5/32"	R1/4
PB3/16-U10U	3/16"	10-32UNF
PB3/16-N1U	3/16"	NPT1/8
PB3/16-N2U	3/16"	NPT1/4
PB3/16-N3U	3/16"	NPT3/8
PB3/16-01	3/16"	R1/4
PB3/16-02	3/16"	R3/8
PB1/4-U10U	1/4"	10-32UNF
PB1/4-N1U	1/4"	NPT1/8
PB1/4-N2U	1/4"	NPT1/4
PB1/4-N3U	1/4"	NPT3/8
PB5/16-N1U	5/16"	NPT1/8
PB5/16-N2U	5/16"	NPT1/4
PB5/16-N3U	5/16"	NPT3/8
PB3/8-N2U	3/8"	NPT1/4
PB3/8-N3U	3/8"	NPT3/8
PB3/8-N4U	3/8"	NPT1/2
PB1/2-N2U	1/2"	NPT1/4
PB1/2-N3U	1/2"	NPT3/8
PB1/2-N4U	1/2"	NPT1/2
PB1/2-02	1/2"	R1/4
PB1/2-03	1/2"	R3/8
PB1/2-04	1/2"	R1/2

POL

Hex. Holed Universal Elbow



MODEL	PORT1	PORT2
POL4-M5	4mm	M5×0.8
POL6-M10	6mm	M10×1.0
POL6-01	6mm	R1/8
POL6-02	6mm	R1/4
POL8-01	8mm	R1/8
POL8-02	8mm	R1/4
POL8-03	8mm	R3/8
POL10-02	10mm	R1/4
POL10-03	10mm	R3/8
POL12-03	12mm	R3/8
POL12-04	12mm	R1/2

MODEL	PORT1	PORT2
POL1/4-N1U	1/4"	NPT1/8
POL1/4-N2U	1/4"	NPT1/4

PD

Branch Tee



MODEL	PORT1	PORT2
PD4-M5	4mm	M5×0.8
PD4-M6	4mm	M6×1.0
PD4-01	4mm	R1/8
PD4-02	4mm	R1/4
PD6-M5	6mm	M5×0.8
PD6-M6	6mm	M6×1.0
PD6-01	6mm	R1/8
PD6-02	6mm	R1/4
PD6-03	6mm	R3/8
PD8-01	8mm	R1/8
PD8-02	8mm	R1/4
PD8-03	8mm	R3/8
PD10-01	10mm	R1/8
PD10-02	10mm	R1/4
PD10-03	10mm	R3/8
PD10-04	10mm	R1/2
PD12-02	12mm	R1/4
PD12-03	12mm	R3/8
PD12-04	12mm	R1/2
PD16-03	16mm	R3/8
PD16-04	16mm	R1/2
PD1/4-01	1/4"	R1/8
PD1/4-02	1/4"	R1/4
PD1/4-03	1/4"	R3/8
PD5/16-01	5/16"	R1/8
PD5/16-02	5/16"	R1/4
PD5/16-03	5/16"	R3/8
PD3/8-01	3/8"	R1/8
PD3/8-02	3/8"	R1/4
PD3/8-03	3/8"	R3/8
PD3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PD5/32-U10U	5/32"	10-32UNF
PD5/32-N1U	5/32"	NPT1/8
PD5/32-N2U	5/32"	NPT1/4
PD5/32-01	5/32"	R1/8
PD5/32-02	5/32"	R1/4
PD3/16-U10U	3/16"	10-32UNF
PD3/16-N1U	3/16"	NPT1/8
PD3/16-N2U	3/16"	NPT1/4
PD3/16-N3U	3/16"	NPT3/8
PD3/16-01	3/16"	R1/8
PD3/16-02	3/16"	R1/4
PD1/4-U10U	1/4"	10-32UNF
PD1/4-N1U	1/4"	NPT1/8
PD1/4-N2U	1/4"	NPT1/4
PD1/4-N3U	1/4"	NPT3/8
PD5/16-N1U	5/16"	NPT1/8
PD5/16-N2U	5/16"	NPT1/4
PD5/16-N3U	5/16"	NPT3/8
PD3/8-N2U	3/8"	NPT1/4
PD3/8-N3U	3/8"	NPT3/8
PD3/8-N4U	3/8"	NPT1/2
PD1/2-N2U	1/2"	NPT1/4
PD1/2-N3U	1/2"	NPT3/8
PD1/2-N4U	1/2"	NPT1/2
PD1/2-02	1/2"	R1/4
PD1/2-03	1/2"	R3/8
PD1/2-04	1/2"	R1/2

PE

Union Tee



MODEL	PORT
PE4	4mm
PE6	6mm
PE8	8mm
PE10	10mm
PE12	12mm
PE16	16mm

MODEL	PORT
PE5/32	5/32"
PE3/16	3/16"
PE1/4	1/4"
PE5/16	5/16"
PE3/8	3/8"
PE1/2	1/2"

PEG

Different Diam. Union Tee



MODEL	PORT1	PORT2
PEG4-6	4mm	6mm
PEG6-4	6mm	4mm
PEG6-8	6mm	8mm
PEG8-4	8mm	4mm
PEG8-6	8mm	6mm
PEG8-10	8mm	10mm
PEG10-6	10mm	6mm
PEG10-8	10mm	8mm
PEG10-12	10mm	12mm
PEG12-8	12mm	8mm
PEG12-10	12mm	10mm
PEG12-16	12mm	16mm
PEG16-10	16mm	10mm
PEG16-12	16mm	12mm

MODEL	PORT1	PORT2
PEG5/32-3/16	5/32"	3/16"
PEG5/32-1/4	5/32"	1/4"
PEG3/16-5/32	3/16"	5/32"
PEG3/16-1/4	3/16"	1/4"
PEG1/4-3/16	1/4"	3/16"
PEG1/4-5/32	1/4"	5/32"
PEG1/4-5/16	1/4"	5/16"
PEG5/16-5/32	5/16"	5/32"
PEG5/16-3/16	5/16"	3/16"
PEG5/16-1/4	5/16"	1/4"
PEG5/16-3/8	5/16"	3/8"
PEG3/8-1/4	3/8"	1/4"
PEG3/8-5/16	3/8"	5/16"
PEG3/8-1/2	3/8"	1/2"
PEG1/2-5/16	1/2"	5/16"
PEG1/2-3/8	1/2"	3/8"

PX

Branch Y



MODEL	PORT1	PORT2
PX4-M5	4mm	M5×0.8
PX4-M6	4mm	M6×1.0
PX4-01	4mm	R1/8
PX4-02	4mm	R1/4
PX6-M5	6mm	M5×0.8
PX6-M6	6mm	M6×1.0
PX6-01	6mm	R1/8
PX6-02	6mm	R1/4
PX6-03	6mm	R3/8
PX8-01	8mm	R1/8
PX8-02	8mm	R1/4
PX8-03	8mm	R3/8
PX10-01	10mm	R1/8
PX10-02	10mm	R1/4
PX10-03	10mm	R3/8
PX10-04	10mm	R1/2
PX12-02	12mm	R1/4
PX12-03	12mm	R3/8
PX12-04	12mm	R1/2
PX16-03	16mm	R3/8
PX16-04	16mm	R1/2
PX5/32-01	5/32"	R1/8
PX5/32-02	5/32"	R1/4
PX3/16-01	5/16"	R1/8
PX3/16-02	5/16"	R1/4
PX1/4-01	1/4"	R1/8
PX1/4-02	1/4"	R1/4
PX1/4-03	1/4"	R3/8
PX5/16-01	5/16"	R1/8
PX5/16-02	5/16"	R1/4
PX5/16-03	5/16"	R3/8
PX3/8-01	3/8"	R1/8
PX3/8-02	3/8"	R1/4
PX3/8-03	3/8"	R3/8
PX3/8-04	3/8"	R1/2
PX1/2-02	1/2"	R1/4
PX1/2-03	1/2"	R3/8
PX1/2-04	1/2"	R1/2

MODEL	PORT1	PORT2
PX5/32-U10U	5/32"	10-32UNF
PX5/32-N1U	5/32"	NPT1/8
PX5/32-N2U	5/32"	NPT1/4
PX3/16-U10U	3/16"	10-32UNF
PX3/16-N1U	3/16"	NPT1/8
PX3/16-N2U	3/16"	NPT1/4
PX3/16-N3U	3/16"	NPT3/8
PX1/4-U10U	1/4"	10-32UNF
PX1/4-N1U	1/4"	NPT1/8
PX1/4-N2U	1/4"	NPT1/4
PX1/4-N3U	1/4"	NPT3/8
PX5/16-N1U	5/16"	NPT1/8
PX5/16-N2U	5/16"	NPT1/4
PX5/16-N3U	5/16"	NPT3/8
PX3/8-N2U	3/8"	NPT1/4
PX3/8-N3U	3/8"	NPT3/8
PX3/8-N4U	3/8"	NPT1/2
PX1/2-N2U	1/2"	NPT1/4
PX1/2-N3U	1/2"	NPT3/8
PX1/2-N4U	1/2"	NPT1/2

PY

Union Y



MODEL	PORT
PY4	4mm
PY6	6mm
PY8	8mm
PY10	10mm
PY12	12mm
PY16	16mm

MODEL	PORT
PY5/32	5/32"
PY3/16	3/16"
PY1/4	1/4"
PY5/16	5/16"
PY3/8	3/8"
PY1/2	1/2"

PW

Different Diam. Union Y



MODEL	PORT1	PORT2
PW6-4	6mm	4mm
PW8-4	8mm	4mm
PW8-6	8mm	6mm
PW10-6	10mm	6mm
PW10-8	10mm	8mm
PW12-8	12mm	8mm
PW12-10	12mm	10mm
PW16-12	16mm	12mm
PW1/4-4	1/4"	4mm

MODEL	PORT1	PORT2
PW3/16-5/32	3/16"	5/32"
PW1/4-3/16	1/4"	3/16"
PW1/4-5/32	1/4"	5/32"
PW5/16-1/4	5/16"	1/4"
PW5/16-5/32	5/16"	5/32"
PW3/8-1/4	3/8"	1/4"
PW3/8-5/16	3/8"	5/16"
PW1/2-5/16	1/2"	5/16"
PW1/2-3/8	1/2"	3/8"

PYJ

Branch Union Y



MODEL	PORT
PYJ4	4mm
PYJ6	6mm
PYJ8	8mm
PYJ10	10mm
PYJ12	12mm
PYJ16	16mm

MODEL	PORT
PYJ1/4	1/4"
PYJ5/16	5/16"
PYJ3/8	3/8"
PYJ1/2	1/2"

PWJ

Different Diam. Branch Union Y



MODEL	PORT1	PORT2
PWJ6-4	6mm	4mm
PWJ8-6	8mm	6mm
PWJ10-8	10mm	8mm
PWJ12-10	12mm	10mm
PWJ16-12	16mm	12mm

MODEL	PORT1	PORT2
PWJ1/4-5/32	1/4"	5/32"
PWJ5/16-1/4	5/16"	1/4"
PWJ3/8-5/16	3/8"	5/16"
PWJ1/2-3/8	1/2"	3/8"

PM

Bulkhead Union



MODEL	PORT
PM4	4mm
PM6	6mm
PM8	8mm
PM10	10mm
PM12	12mm
PM16	16mm
PM5/32	5/32"
PM3/16	3/16"
PM1/4	1/4"
PM5/16	5/16"
PM3/8	3/8"
PM1/2	1/2"

MODEL	PORT
PM5/32U	5/32"
PM3/16U	3/16"
PM1/4U	1/4"
PM5/16U	5/16"
PM3/8U	3/8"
PM1/2U	1/2"

PMF

Bulkhead Female Straight



MODEL	PORT1	PORT2
PMF4-01	4mm	Rc1/8
PMF4-02	4mm	Rc1/4
PMF6-01	6mm	Rc1/8
PMF6-02	6mm	Rc1/4
PMF6-03	6mm	Rc3/8
PMF8-01	8mm	Rc1/8
PMF8-02	8mm	Rc1/4
PMF8-03	8mm	Rc3/8
PMF10-02	10mm	Rc1/4
PMF10-03	10mm	Rc3/8
PMF12-02	12mm	Rc1/4
PMF12-03	12mm	Rc3/8
PMF12-04	12mm	Rc1/2
PMF16-03	16mm	Rc3/8
PMF16-04	16mm	Rc1/2

MODEL	PORT1	PORT2
PMF5/32-N1U	5/32"	NPT1/8
PMF5/32-N2U	5/32"	NPT1/4
PMF3/16-N1U	3/16"	NPT1/8
PMF3/16-N2U	3/16"	NPT1/4
PMF1/4-N1U	1/4"	NPT1/8
PMF1/4-N2U	1/4"	NPT1/4
PMF1/4-N3U	1/4"	NPT3/8
PMF5/16-N1U	5/16"	NPT1/8
PMF5/16-N2U	5/16"	NPT1/4
PMF5/16-N3U	5/16"	NPT3/8
PMF3/8-N1U	3/8"	NPT1/8
PMF3/8-N2U	3/8"	NPT1/4
PMF3/8-N3U	3/8"	NPT3/8
PMF1/2-N2U	1/2"	NPT1/4
PMF1/2-N3U	1/2"	NPT3/8
PMF1/2-N4U	1/2"	NPT1/2

PMP

Bulkhead Union P



MODEL	PORT
PMP4	4mm
PMP6	6mm
PMP8	8mm
PMP10	10mm
PMP12	12mm

MODEL	PORT
PMP5/32	5/32"
PMP1/4	1/4"
PMP5/16	5/16"
PMP3/8	3/8"

PML

Bulkhead Union Elbow



MODEL	PORT
PML4	4mm
PML6	6mm
PML8	8mm
PML10	10mm
PML12	12mm

MODEL	PORT
PML5/32	5/32"
PML1/4	1/4"
PML5/16	5/16"
PML3/8	3/8"

PVX

Tripod Elbow



MODEL	PORT1	PORT2
PVX4-M5	4mm	M5×0.8
PVX4-M6	4mm	M6×1.0
PVX4-01	4mm	R1/8
PVX4-02	4mm	R1/4
PVX6-M5	6mm	M5×0.8
PVX6-M6	6mm	M6×1.0
PVX6-01	6mm	R1/8
PVX6-02	6mm	R1/4
PVX6-03	6mm	R3/8
PVX8-01	8mm	R1/8
PVX8-02	8mm	R1/4
PVX8-03	8mm	R3/8
PVX10-02	10mm	R1/4
PVX10-03	10mm	R3/8
PVX10-04	10mm	R1/2
PVX12-02	12mm	R1/4
PVX12-03	12mm	R3/8
PVX12-04	12mm	R1/2

MODEL	PORT1	PORT2
PVX5/32-U10U	5/32"	10-32UNF
PVX5/32-N1U	5/32"	NPT1/8
PVX5/32-N2U	5/32"	NPT1/4
PVX3/16-U10U	3/16"	10-32UNF
PVX3/16-N1U	3/16"	NPT1/8
PVX3/16-N2U	3/16"	NPT1/4
PVX3/16-N3U	3/16"	NPT3/8
PVX1/4-U10U	1/4"	10-32UNF
PVX1/4-N1U	1/4"	NPT1/8
PVX1/4-N2U	1/4"	NPT1/4
PVX1/4-N3U	1/4"	NPT3/8
PVX5/16-N1U	5/16"	NPT1/8
PVX5/16-N2U	5/16"	NPT1/4
PVX5/16-N3U	5/16"	NPT3/8
PVX3/8-N1U	3/8"	NPT1/8
PVX3/8-N2U	3/8"	NPT1/4
PVX3/8-N3U	3/8"	NPT3/8
PVX3/8-N4U	3/8"	NPT1/2
PVX1/2-N2U	1/2"	NPT1/4
PVX1/2-N3U	1/2"	NPT3/8
PVX1/2-N4U	1/2"	NPT1/2

PVU

Tripod Union



MODEL	PORT
PVU4	4mm
PVU6	6mm
PVU8	8mm
PVU10	10mm
PVU12	12mm

MODEL	PORT
PVU5/32	5/32"
PVU3/16	3/16"
PVU1/4	1/4"
PVU5/16	5/16"
PVU3/8	3/8"
PVU1/2	1/2"

PAU

Union A



MODEL	PORT
PAU4	4mm
PAU6	6mm
PAU8	8mm
PAU10	10mm
PAU12	12mm

MODEL	PORT
PAU5/32	5/32"
PAU3/16	3/16"
PAU1/4	1/4"
PAU5/16	5/16"
PAU3/8	3/8"
PAU1/2	1/2"

PAX

Branch Elbow



MODEL	PORT1	PORT2
PAX4-M5	4mm	M5×0.8
PAX4-M6	4mm	M6×1.0
PAX4-01	4mm	R1/8
PAX4-02	4mm	R1/4
PAX6-M5	6mm	M5×0.8
PAX6-M6	6mm	M6×1.0
PAX6-01	6mm	R1/8
PAX6-02	6mm	R1/4
PAX6-03	6mm	R3/8
PAX8-01	8mm	R1/8
PAX8-02	8mm	R1/4
PAX8-03	8mm	R3/8
PAX10-01	10mm	R1/8
PAX10-02	10mm	R1/4
PAX10-03	10mm	R3/8
PAX10-04	10mm	R1/2
PAX12-02	12mm	R1/4
PAX12-03	12mm	R3/8
PAX12-04	12mm	R1/2

MODEL	PORT1	PORT2
PAX5/32-U10U	5/32"	10-32UNF
PAX5/32-N1U	5/32"	NPT1/8
PAX5/32-N2U	5/32"	NPT1/4
PAX3/16-U10U	3/16"	10-32UNF
PAX3/16-N1U	3/16"	NPT1/8
PAX3/16-N2U	3/16"	NPT1/4
PAX3/16-N3U	3/16"	NPT3/8
PAX1/4-U10U	1/4"	10-32UNF
PAX1/4-N1U	1/4"	NPT1/8
PAX1/4-N2U	1/4"	NPT1/4
PAX1/4-N3U	1/4"	NPT3/8
PAX5/16-N1U	5/16"	NPT1/8
PAX5/16-N2U	5/16"	NPT1/4
PAX5/16-N3U	5/16"	NPT3/8
PAX3/8-N1U	3/8"	NPT1/8
PAX3/8-N2U	3/8"	NPT1/4
PAX3/8-N3U	3/8"	NPT3/8
PAX3/8-N4U	3/8"	NPT1/2
PAX1/2-N2U	1/2"	NPT1/4
PAX1/2-N3U	1/2"	NPT3/8
PAX1/2-N4U	1/2"	NPT1/2

PHF

Female Universal Elbow



MODEL	PORT1	PORT2
PHF4-M5	4mm	M5×0.8
PHF4-01	4mm	Rc1/8
PHF6-M5	6mm	M5×0.8
PHF6-01	6mm	Rc1/8
PHF6-02	6mm	Rc1/4
PHF8-01	8mm	Rc1/8
PHF8-02	8mm	Rc1/4
PHF8-03	8mm	Rc3/8
PHF10-02	10mm	Rc1/4
PHF10-03	10mm	Rc3/8
PHF12-03	12mm	Rc3/8
PHF12-04	12mm	Rc1/2

MODEL	PORT1	PORT2
PHF5/32-M5	5/32"	M5×0.8
PHF5/32-01	5/32"	Rc1/8
PHF3/16-M5	3/16"	M5×0.8
PHF3/16-01	3/16"	Rc1/8
PHF3/16-02	3/16"	Rc1/4
PHF1/4-M5	1/4"	M5×0.8
PHF1/4-01	1/4"	Rc1/8
PHF1/4-02	1/4"	Rc1/4
PHF5/16-01	5/16"	Rc1/8
PHF5/16-02	5/16"	Rc1/4
PHF5/16-03	5/16"	Rc3/8
PHF3/8-02	3/8"	Rc1/4
PHF3/8-03	3/8"	Rc3/8
PHF1/2-03	1/2"	Rc3/8
PHF1/2-04	1/2"	Rc1/2

PA

Branch A



MODEL	PORT1	PORT2
PA4-M5	4mm	M5×0.8
PA6-01	6mm	R1/8
PA8-02	8mm	R1/4
PA10-03	10mm	R3/8
PA12-04	12mm	R1/2

MODEL	PORT1	PORT2
PA5/32-U10U	5/32"	10-32UNF
PA3/16-N1U	3/16"	NPT1/8
PA1/4-N1U	1/4"	NPT1/8
PA5/16-N2U	5/16"	NPT1/4
PA3/8-N3U	3/8"	NPT3/8
PA1/2-N4U	1/2"	NPT1/2

PAF

Female Branch A



MODEL	PORT1	PORT2
PAF4-M5	4mm	M5×0.8
PAF6-01	6mm	Rc1/8
PAF8-02	8mm	Rc1/4
PAF10-03	10mm	Rc3/8
PAF12-03	12mm	Rc3/8
PAF12-04	12mm	Rc1/2

PKD

Branch Triple



MODEL	PORT1	PORT2	PORT3
PKD6-4-01	6mm	4mm	R1/8
PKD8-4-02	8mm	4mm	R1/4
PKD8-6-02	8mm	6mm	R1/4
PKD10-8-03	10mm	8mm	R3/8
PKD3/16-5/32-N1U	3/16"	5/32"	NPT1/8
PKD5/16-5/32-N2U	5/16"	5/32"	NPT1/4
PKD5/16-3/16-N2U	5/16"	3/16"	NPT1/4
PKD5/16-1/4-N2U	5/16"	1/4"	NPT1/4
PKD3/8-5/16-N3U	3/8"	5/16"	NPT3/8

PKG

Different Diam. Triple



MODEL	PORT1	PORT2
PKG6-4	6mm	4mm
PKG8-4	8mm	4mm
PKG8-6	8mm	6mm
PKG10-6	10mm	6mm
PKG10-8	10mm	8mm

MODEL	PORT1	PORT2
PKG3/16-5/32	3/16"	5/32"
PKG5/16-5/32	5/16"	5/32"
PKG5/16-3/16	5/16"	3/16"
PKG5/16-1/4	5/16"	1/4"
PKG3/8-1/4	3/8"	1/4"
PKG3/8-5/16	3/8"	5/16"

PKJ

Branch Union Triple



MODEL	PORT1	PORT2
PKJ6-4	6mm	4mm
PKJ8-4	8mm	4mm
PKJ8-6	8mm	6mm
PKJ10-8	10mm	8mm

PRX

Branch Double Y



MODEL	PORT1	PORT2
PRX4-01	4mm	R1/8
PRX4-02	4mm	R1/4
PRX6-01	6mm	R1/8

MODEL	PORT1	PORT2
PRX5/32-N1U	5/32"	NPT1/8
PRX5/32-N2U	5/32"	NPT1/4
PRX3/16-N1U	3/16"	NPT1/8
PRX1/4-N1U	1/4"	NPT1/8

PRG

Different Diam. Double Y



MODEL	PORT1	PORT2
PRG6-4	6mm	4mm
PRG8-6	8mm	6mm
PRG3/16-5/32	3/16"	5/32"
PRG1/4-5/32	1/4"	5/32"
PRG5/16-1/4	5/16"	1/4"

PRJ

Branch Union Double Y



MODEL	PORT1	PORT2
PRJ6-4	6mm	4mm
PRJ8-6	8mm	6mm

PKVD

Branch Triple Double



MODEL	PORT1	PORT2	PORT3
PKVD8-4-02	8mm	4mm	R1/4
PKVD8-4-03	8mm	4mm	R3/8
PKVD8-6-02	8mm	6mm	R1/4
PKVD8-6-03	8mm	6mm	R3/8
PKVD10-6-03	10mm	6mm	R3/8
PKVD10-6-04	10mm	6mm	R1/2
PKVD10-8-03	10mm	8mm	R3/8
PKVD10-8-04	10mm	8mm	R1/2

PKVG

Different Diam. Triple Double



MODEL	PORT1	PORT2
PKVG8-4	8mm	4mm
PKVG8-6	8mm	6mm
PKVG10-6	10mm	6mm
PKVG10-8	10mm	8mm

MODEL	PORT1	PORT2
PKVG5/16-5/32	5/16"	5/32"
PKVG5/16-3/16	5/16"	3/16"
PKVG5/16-1/4	5/16"	1/4"
PKVG3/8-3/16	3/8"	3/16"
PKVG3/8-1/4	3/8"	1/4"
PKVG3/8-5/16	3/8"	5/16"

PHW

Double Universal Elbow



MODEL	PORT1	PORT2
PHW4-01	4mm	R1/8
PHW4-02	4mm	R1/4
PHW4-03	4mm	R3/8
PHW6-01	6mm	R1/8
PHW6-02	6mm	R1/4
PHW6-03	6mm	R3/8
PHW8-01	8mm	R1/8
PHW8-02	8mm	R1/4
PHW8-03	8mm	R3/8
PHW8-04	8mm	R1/2
PHW10-02	10mm	R1/4
PHW10-03	10mm	R3/8
PHW10-04	10mm	R1/2
PHW12-02	12mm	R1/4
PHW12-03	12mm	R3/8
PHW12-04	12mm	R1/2
PHW1/4-01	1/4"	R1/8
PHW1/4-02	1/4"	R1/4
PHW1/4-03	1/4"	R3/8
PHW5/16-02	5/16"	R1/4
PHW5/16-03	5/16"	R3/8
PHW5/16-04	5/16"	R1/2
PHW3/8-02	3/8"	R1/4
PHW3/8-03	3/8"	R3/8
PHW3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PHW5/32-N1U	5/32"	NPT1/8
PHW5/32-N2U	5/32"	NPT1/4
PHW1/4-N1U	1/4"	NPT1/8
PHW1/4-N2U	1/4"	NPT1/4
PHW1/4-N3U	1/4"	NPT3/8
PHW5/16-N2U	5/16"	NPT1/4
PHW5/16-N3U	5/16"	NPT3/8
PHW5/16-N4U	5/16"	NPT1/2
PHW3/8-N2U	3/8"	NPT1/4
PHW3/8-N3U	3/8"	NPT3/8
PHW3/8-N4U	3/8"	NPT1/2
PHW1/2-N3U	1/2"	NPT3/8
PHW1/2-N4U	1/2"	NPT1/2

PHT

Triple Universal Elbow



MODEL	PORT1	PORT2
PHT4-01	4mm	R1/8
PHT4-02	4mm	R1/4
PHT4-03	4mm	R3/8
PHT6-01	6mm	R1/8
PHT6-02	6mm	R1/4
PHT6-03	6mm	R3/8
PHT8-01	8mm	R1/8
PHT8-02	8mm	R1/4
PHT8-03	8mm	R3/8
PHT8-04	8mm	R1/2
PHT10-02	10mm	R1/4
PHT10-03	10mm	R3/8
PHT10-04	10mm	R1/2
PHT12-02	12mm	R1/4
PHT12-03	12mm	R3/8
PHT12-04	12mm	R1/2
PHT1/4-01	1/4"	R1/8
PHT1/4-02	1/4"	R1/4
PHT1/4-03	1/4"	R3/8
PHT5/16-02	5/16"	R1/4
PHT5/16-03	5/16"	R3/8
PHT5/16-04	5/16"	R1/2
PHT3/8-02	3/8"	R1/4
PHT3/8-03	3/8"	R3/8
PHT3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PHT5/32-N1U	5/32"	NPT1/8
PHT5/32-N2U	5/32"	NPT1/4
PHT1/4-N1U	1/4"	NPT1/8
PHT1/4-N2U	1/4"	NPT1/4
PHT1/4-N3U	1/4"	NPT3/8
PHT5/16-N2U	5/16"	NPT1/4
PHT5/16-N3U	5/16"	NPT3/8
PHT5/16-N4U	5/16"	NPT1/2
PHT3/8-N2U	3/8"	NPT1/4
PHT3/8-N3U	3/8"	NPT3/8
PHT3/8-N4U	3/8"	NPT1/2
PHT1/2-N3U	1/2"	NPT3/8
PHT1/2-N4U	1/2"	NPT1/2

PAW

Double Branch A



MODEL	PORT1	PORT2
PAW4-01	4mm	R1/8
PAW4-02	4mm	R1/4
PAW4-03	4mm	R3/8
PAW6-01	6mm	R1/8
PAW6-02	6mm	R1/4
PAW6-03	6mm	R3/8
PAW8-01	8mm	R1/8
PAW8-02	8mm	R1/4
PAW8-03	8mm	R3/8
PAW8-04	8mm	R1/2
PAW10-02	10mm	R1/4
PAW10-03	10mm	R3/8
PAW10-04	10mm	R1/2
PAW12-02	12mm	R1/4
PAW12-03	12mm	R3/8
PAW12-04	12mm	R1/2
PAW1/4-01	1/4"	R1/8
PAW1/4-02	1/4"	R1/4
PAW1/4-03	1/4"	R3/8
PAW5/16-02	5/16"	R1/4
PAW5/16-03	5/16"	R3/8
PAW5/16-04	5/16"	R1/2
PAW3/8-02	3/8"	R1/4
PAW3/8-03	3/8"	R3/8
PAW3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PAW5/32-N1U	5/32"	NPT1/8
PAW5/32-N2U	5/32"	NPT1/4
PAW1/4-N1U	1/4"	NPT1/8
PAW1/4-N2U	1/4"	NPT1/4
PAW1/4-N3U	1/4"	NPT3/8
PAW5/16-N2U	5/16"	NPT1/4
PAW5/16-N3U	5/16"	NPT3/8
PAW5/16-N4U	5/16"	NPT1/2
PAW3/8-N2U	3/8"	NPT1/4
PAW3/8-N3U	3/8"	NPT3/8
PAW3/8-N4U	3/8"	NPT1/2
PAW1/2-N3U	1/2"	NPT3/8
PAW1/2-N4U	1/2"	NPT1/2

PAT

Triple Branch A



MODEL	PORT1	PORT2
PAT4-01	4mm	R1/8
PAT4-02	4mm	R1/4
PAT4-03	4mm	R3/8
PAT6-01	6mm	R1/8
PAT6-02	6mm	R1/4
PAT6-03	6mm	R3/8
PAT8-01	8mm	R1/8
PAT8-02	8mm	R1/4
PAT8-03	8mm	R3/8
PAT8-04	8mm	R1/2
PAT10-02	10mm	R1/4
PAT10-03	10mm	R3/8
PAT10-04	10mm	R1/2
PAT12-02	12mm	R1/4
PAT12-03	12mm	R3/8
PAT12-04	12mm	R1/2
PAT1/4-01	1/4"	R1/8
PAT1/4-02	1/4"	R1/4
PAT1/4-03	1/4"	R3/8
PAT5/16-02	5/16"	R1/4
PAT5/16-03	5/16"	R3/8
PAT5/16-04	5/16"	R1/2
PAT3/8-02	3/8"	R1/4
PAT3/8-03	3/8"	R3/8
PAT3/8-04	3/8"	R1/2

MODEL	PORT1	PORT2
PAT5/32-N1U	5/32"	NPT1/8
PAT5/32-N2U	5/32"	NPT1/4
PAT1/4-N1U	1/4"	NPT1/8
PAT1/4-N2U	1/4"	NPT1/4
PAT1/4-N3U	1/4"	NPT3/8
PAT5/16-N2U	5/16"	NPT1/4
PAT5/16-N3U	5/16"	NPT3/8
PAT5/16-N4U	5/16"	NPT1/2
PAT3/8-N2U	3/8"	NPT1/4
PAT3/8-N3U	3/8"	NPT3/8
PAT3/8-N4U	3/8"	NPT1/2
PAT1/2-N3U	1/2"	NPT3/8
PAT1/2-N4U	1/2"	NPT1/2

PZA

Cross A



MODEL	PORT
PZA8	8mm
PZA10	10mm
PZA12	12mm

MODEL	PORT
PZA1/4	1/4"
PZA5/16	5/16"
PZA3/8	3/8"
PZA1/2	1/2"

PZB

Cross B



MODEL	PORT1	PORT2
PZB8-6	8mm	6mm
PZB10-8	10mm	8mm
PZB12-10	12mm	10mm

MODEL	PORT1	PORT2
PZB5/16-1/4	5/16"	1/4"
PZB3/8-5/16	3/8"	5/16"
PZB1/2-3/8	1/2"	3/8"

PZC

Cross C



MODEL	PORT1	PORT2
PZC8-6	8mm	6mm
PZC10-8	10mm	8mm
PZC12-10	12mm	10mm

MODEL	PORT1	PORT2
PZC5/16-1/4	5/16"	1/4"
PZC3/8-5/16	3/8"	5/16"
PZC1/2-3/8	1/2"	3/8"

PIJ

Nipple



MODEL	PORT
PIJ4	4mm
PIJ6	6mm
PIJ8	8mm
PIJ10	10mm
PIJ12	12mm
PIJ16	16mm

MODEL	PORT
PIJ5/32	5/32"
PIJ3/16	3/16"
PIJ1/4	1/4"
PIJ5/16	5/16"
PIJ3/8	3/8"
PIJ1/2	1/2"

PIG

Different Diam. Nipple



MODEL	PORT1	PORT2
PIG6-4	6mm	4mm
PIG8-4	8mm	4mm
PIG8-6	8mm	6mm
PIG10-6	10mm	6mm
PIG10-8	10mm	8mm
PIG12-8	12mm	8mm
PIG12-10	12mm	10mm
PIG16-10	16mm	10mm
PIG16-12	16mm	12mm

MODEL	PORT1	PORT2
PIG3/16-5/32	3/16"	5/32"
PIG1/4-5/32	1/4"	5/32"
PIG1/4-3/16	1/4"	3/16"
PIG5/16-1/4	5/16"	1/4"
PIG3/8-5/16	3/8"	5/16"
PIG1/2-3/8	1/2"	3/8"
PIG5/8-1/2	5/8"	1/2"

PTJ

PT Jack



MODEL	PORT1	PORT2
PTJ4-M5	4mm	M5×0.8
PTJ4-01	4mm	R1/8
PTJ6-M5	6mm	M5×0.8
PTJ6-01	6mm	R1/8
PTJ6-02	6mm	R1/4
PTJ8-01	8mm	R1/8
PTJ8-02	8mm	R1/4
PTJ8-03	8mm	R3/8
PTJ10-03	10mm	R3/8

PF

Extension Joint Bush



MODEL	PORT1	PORT2
PFM5-M5	M5×0.8	M5×0.8
PFM5-M5L	M5×0.8	M5×0.8
PFM5-01	M5×0.8	R1/8
PF01-M5	Rc1/8	M5×0.8
PF01-01	Rc1/8	R1/8
PF01-02	Rc1/8	R1/4
PF01-03	Rc1/8	R3/8
PF02-M5	Rc1/4	M5×0.8
PF02-01	Rc1/4	R1/8
PF02-02	Rc1/4	R1/4
PF02-03	Rc1/4	R3/8
PF02-04	Rc1/4	R1/2
PF03-01	Rc3/8	R1/8
PF03-02	Rc3/8	R1/4
PF03-03	Rc3/8	R3/8
PF03-04	Rc3/8	R1/2
PF04-04	Rc1/2	R1/2

MODEL	PORT1	PORT2
PFU10-U10U	10-32UNF	10-32UNF
PFU10-N1U	10-32UNF	NPT1/8
PFN1-U10U	NPT1/8	10-32UNF
PFN1-N1U	NPT1/8	NPT1/8
PFN1-N2U	NPT1/8	NPT1/4
PFN1-N3U	NPT1/8	NPT3/8
PFN2-U10U	NPT1/4	10-32UNF
PFN2-N1U	NPT1/4	NPT1/8
PFN2-N2U	NPT1/4	NPT1/4
PFN2-N3U	NPT1/4	NPT3/8
PFN2-N4U	NPT1/4	NPT1/2
PFN3-N1U	NPT3/8	NPT1/8
PFN3-N2U	NPT3/8	NPT1/4
PFN3-N3U	NPT3/8	NPT3/8
PFN3-N4U	NPT3/8	NPT1/2
PFN4-N4U	NPT1/2	NPT1/2

PPF

Different Diam. Socket



MODEL	PORT1	PORT2
PPF01-M5	Rc1/8	M5×0.8
PPF02-01	Rc1/4	Rc1/8
PPF03-01	Rc3/8	Rc1/8
PPF03-02	Rc3/8	Rc1/4
PPF04-02	Rc1/2	Rc1/4
PPF04-03	Rc1/2	Rc3/8

MODEL	PORT1	PORT2
PPFN1-U10U	NPT1/8	10-32UNF
PPFN2-N1U	NPT1/4	NPT1/8
PPFN3-N1U	NPT3/8	NPT1/8
PPFN3-N2U	NPT3/8	NPT1/4
PPFN4-N2U	NPT1/2	NPT1/4
PPFN4-N3U	NPT1/2	NPT3/8

PPF

Cap



MODEL	PORT
PPF4	4mm
PPF6	6mm
PPF8	8mm
PPF10	10mm
PPF12	12mm
PPF16	16mm

MODEL	PORT
PPF1/8	1/8"
PPF5/32	5/32"
PPF3/16	3/16"
PPF1/4	1/4"
PPF5/16	5/16"
PPF3/8	3/8"
PPF1/2	1/2"

PP

Plug



MODEL	PORT
PP4	4mm
PP6	6mm
PP8	8mm
PP10	10mm
PP12	12mm
PP16	16mm

MODEL	PORT
PP5/32	5/32"
PP3/16	3/16"
PP1/4	1/4"
PP5/16	5/16"
PP3/8	3/8"
PP1/2	1/2"

PLF

Female Elbow



MODEL	PORT1	PORT2
PLF4-M5	4mm	M5×0.8
PLF4-M6	4mm	M6×1.0
PLF4-01	4mm	Rc1/8
PLF4-02	4mm	Rc1/4
PLF6-M5	6mm	M5×0.8
PLF6-M6	6mm	M6×1.0
PLF6-01	6mm	Rc1/8
PLF6-02	6mm	Rc1/4
PLF6-03	6mm	Rc3/8
PLF8-01	8mm	Rc1/8
PLF8-02	8mm	Rc1/4
PLF8-03	8mm	Rc3/8
PLF10-02	10mm	Rc1/4
PLF10-03	10mm	Rc3/8
PLF10-04	10mm	Rc1/2
PLF12-02	12mm	Rc1/4
PLF12-03	12mm	Rc3/8
PLF12-04	12mm	Rc1/2

MODEL	PORT1	PORT2
PLF5/32-M5	5/32"	M5×0.8
PLF5/32-01	5/32"	Rc1/8
PLF5/32-02	5/32"	Rc1/4
PLF5/32-U10U	5/32"	10-32UNF
PLF5/32-N1U	5/32"	NPT1/8
PLF5/32-N2U	5/32"	NPT1/4
PLF3/16-M5	3/16"	M5×0.8
PLF3/16-01	3/16"	Rc1/8
PLF3/16-02	3/16"	Rc1/4
PLF3/16-03	3/16"	Rc3/8
PLF3/16-U10U	3/16"	10-32UNF
PLF3/16-N1U	3/16"	NPT1/8
PLF3/16-N2U	3/16"	NPT1/4
PLF3/16-N3U	3/16"	NPT3/8
PLF1/4-M5	1/4"	M5×0.8
PLF1/4-01	1/4"	Rc1/8
PLF1/4-02	1/4"	Rc1/4
PLF1/4-03	1/4"	Rc3/8
PLF1/4-U10U	1/4"	10-32UNF
PLF1/4-N1U	1/4"	NPT1/8
PLF1/4-N2U	1/4"	NPT1/4
PLF1/4-N3U	1/4"	NPT3/8
PLF5/16-01	5/16"	Rc1/8
PLF5/16-02	5/16"	Rc1/4
PLF5/16-03	5/16"	Rc3/8
PLF5/16-N1U	5/16"	NPT1/8
PLF5/16-N2U	5/16"	NPT1/4
PLF5/16-N3U	5/16"	NPT3/8
PLF3/8-02	3/8"	Rc1/4
PLF3/8-03	3/8"	Rc3/8
PLF3/8-04	3/8"	Rc1/2
PLF3/8-N2U	3/8"	NPT1/4
PLF3/8-N3U	3/8"	NPT3/8
PLF3/8-N4U	3/8"	NPT1/2
PLF1/2-02	1/2"	Rc1/4
PLF1/2-03	1/2"	Rc3/8
PLF1/2-04	1/2"	Rc1/2
PLF1/2-N2U	1/2"	NPT1/4
PLF1/2-N3U	1/2"	NPT3/8
PLF1/2-N4U	1/2"	NPT1/2

PLH

45 degree Elbow



MODEL	PORT1	PORT2
PLH8-01	8mm	R1/8
PLH8-02	8mm	R1/4
PLH8-03	8mm	R3/8
PLH10-01	10mm	R1/8
PLH10-02	10mm	R1/4
PLH10-03	10mm	R3/8
PLH10-04	12mm	R1/2
PLH12-02	12mm	R1/4
PLH12-03	12mm	R3/8
PLH12-04	12mm	R1/2
PLH16-03	16mm	R3/8
PLH16-04	16mm	R1/2