Multiple Quick-fitting Joint
Connector

Package :1 pc. in a bag

■The Connector realizes simultaneous connection and disconnection of muitiple piping for easy moving of the devices.

■By use of connector bands, connectors can be connected, either in series or in parallel for unified connection or disconnection.

■Connector can be used with different diameter tubes.

Specifications

Fluid admitted	Air,Vacuum	
Service pressure range	0~150psi	0~0.9MPa(0~9.18kgf/cm²)
Working vacuum	-29.5in.Hg	-750mmHg(10Torr)
Service temperature range	32~140°F	0~60°C

Notes:Use the connector with air only. Never use them with water or other liquids, or with gases other than air.
To screw a fitting down, be sure to tighten with a wrench applied to the hexagonal part of the stud.

Model Designation(Example)

QC ① 4 ② - 6 ③ M ④

①Type

②Male side tube dia.(φD)

Tube dia.	φ3mm	φ4mm	φ6mm	φ1/8in.	φ5/32in.	φ5/16in.	φ1/4in.
Straight	3	4	6	1/8	5/32	5/16	1/4
Elbow	3L	4L	6L	1/8L	5/32L	5/16L	1/4L

③Female side tube Dia(φD₂)

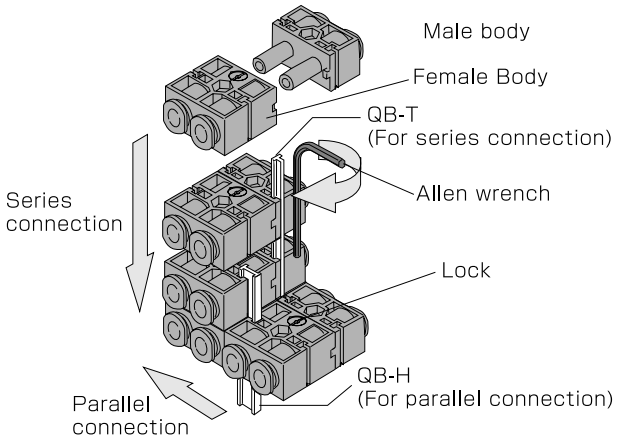
Code	3	4	6	1/8	5/32	5/16	1/4
Dia.	Φ3mm	Φ4mm	Φ6mm	Φ1/8in.	Φ5/32in.	Φ5/16in.	Φ1/4in.

④Type
Do not make entry : Standard Type
M:Mini Type

Connector Band Model Designation
Series connection:QB-T
Parallel connection:QB-H

How to Connect

■After joining the male and female sides, lock them by turning the lock screw at the center of the connector body with a slotted screwdriver or Allen wrench.



※You must connect Standard-Type to Standard-Type and Mini-Type to Mini-Type, Unexchangeable.

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

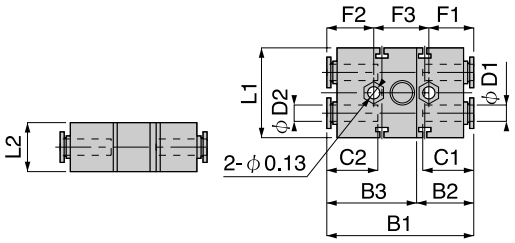
1.Insert the joints of the made body fully into the female body until the contact faces meet and then lock them by turning the lock pin. Without locking the bodies may disjoin to cause bodily injury or leaks.

⚠Caution

1.Turn the lock pin, using a proper slotted screwdriver or Allen wrench. Use of an inappropriate tool may result in damage to the lock pin or separation of the bodies,

PISCO®

QC Straight



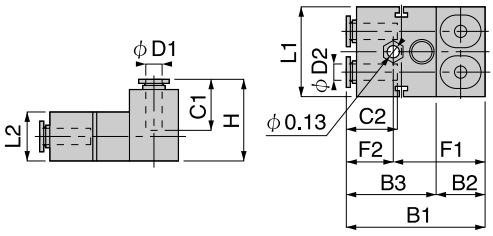
Unit : inch

Model	Tube dia. φD1(mm)	Tube dia. φD2(mm)	B1	B2	B3	L1	L2	C1	C2	F1	F2	F3	Weight (OZ)	Orifice φMM	Eff.a. mm2	CV
QC3-3M	3	3	1.44	0.55	0.89	0.87	0.47	0.45	0.43	0.43	0.47	0.55	0.37	2.50	2.60	0.14
QC3-4M	3	4	1.44	0.55	0.89	0.87	0.47	0.45	0.43	0.43	0.47	0.55	0.37	2.50	2.60	0.14
QC3-6M	3	6	1.46	0.55	0.91	0.87	0.47	0.45	0.45	0.45	0.47	0.55	0.39	2.50	2.60	0.14
QC4-3M	4	3	1.44	0.55	0.89	0.87	0.47	0.45	0.43	0.43	0.47	0.55	0.37	2.50	2.60	0.14
QC4-4M	4	4	1.44	0.55	0.89	0.87	0.47	0.45	0.43	0.43	0.47	0.55	0.37	3.00	4.20	0.23
QC4-6M	4	6	1.46	0.55	0.91	0.87	0.47	0.45	0.45	0.45	0.47	0.55	0.39	3.00	4.30	0.23
QC6-3M	6	3	1.46	0.57	0.89	0.87	0.47	0.47	0.43	0.43	0.47	0.55	0.39	2.50	2.60	0.14
QC6-4M	6	4	1.46	0.57	0.89	0.87	0.47	0.47	0.43	0.43	0.47	0.55	0.37	3.00	4.20	0.23
QC6-6M	6	6	1.48	0.57	0.91	0.87	0.47	0.47	0.45	0.45	0.47	0.55	0.42	4.00	10.40	0.56
QC6-6	6	6	2.15	0.83	1.32	1.14	0.67	0.67	0.67	0.69	0.69	0.77	0.97	5.00	10.90	0.59
QC6-8	6	8	2.15	0.83	1.32	1.14	0.67	0.67	0.73	0.69	0.69	0.77	1.02	5.00	16.30	0.88
QC8-6	8	6	2.15	0.83	1.32	1.14	0.67	0.73	0.73	0.69	0.69	0.77	1.00	5.00	10.90	0.59
QC8-8	8	8	2.15	0.83	1.32	1.14	0.67	0.73	0.67	0.69	0.69	0.77	1.06	5.00	10.90	0.59

Unit : inch

Model	Tube dia. φD1	Tube dia. φD2	B1	B2	B3	L1	L2	C1	C2	F1	F2	F3	Weight (OZ)	Orifice φMM	Eff.a. mm2	CV
QC 1/8-1/8M	1/8	1/8	1.44	0.55	0.91	0.87	0.47	0.43	0.43	0.45	0.47	0.55	0.37	3.00	4.20	0.23
QC 5/32-1/8M	5/32	1/8	1.44	0.55	0.91	0.87	0.47	0.43	0.43	0.45	0.47	0.55	0.37	3.00	4.20	0.23
QC 1/8-5/32M	1/8	5/32	1.44	0.55	0.91	0.87	0.47	0.43	0.43	0.45	0.47	0.55	0.37	3.00	4.20	0.23
QC 5/32-5/32M	5/32	5/32	1.44	0.55	0.91	0.87	0.47	0.43	0.43	0.45	0.47	0.55	0.37	3.00	4.20	0.23
QC 1/4-1/4	1/4	1/4	2.30	0.92	1.22	1.14	0.67	0.67	0.67	0.77	0.77	0.77	1.47	4.60	10.90	0.59
QC 5/16-5/16	5/16	5/16	2.15	0.83	1.31	1.14	0.67	0.71	0.71	0.69	0.69	0.77	1.06	5.00	10.90	0.59
QC 1/4-5/16	1/4	5/16	2.22	0.92	1.22	1.14	0.67	0.67	0.71	0.69	0.77	0.77	1.27	4.60	10.30	0.88
QC 5/16-1/4	5/16	1/4	2.22	0.83	1.31	1.14	0.67	0.71	0.67	0.77	0.69	0.77	1.27	4.60	10.90	0.59

QC Elbow



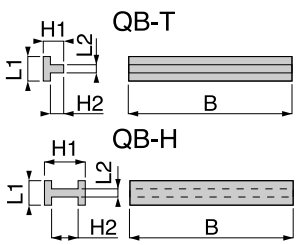
Unit : inch

Model	Tube dia. φD1(mm)	Tube dia. φD2(mm)	B1	B2	B3	L1	L2	C1	C2	H	F1	F2	Weight (OZ)	Orifice φMM	Eff.a. mm2	CV
QC3L-3M	3	3	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.70	0.81	0.42	0.47	2.50	2.30	0.12
QC3L-4M	3	4	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.70	0.81	0.42	0.47	2.50	2.60	0.14
QC3L-6M	3	6	1.38	0.47	0.91	0.87	0.47	0.43	0.45	0.70	0.81	0.42	0.47	2.50	2.60	0.14
QC4L-3M	4	3	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.70	0.81	0.42	0.45	2.50	2.60	0.14
QC4L-4M	4	4	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.70	0.81	0.42	0.45	3.00	4.00	0.22
QC4L-6M	4	6	1.38	0.47	0.91	0.87	0.47	0.43	0.45	0.70	0.81	0.42	0.47	3.00	3.60	0.20
QC6L-3M	6	3	1.36	0.47	0.89	0.87	0.47	0.45	0.43	0.72	0.81	0.42	0.47	2.50	2.60	0.14
QC6L-4M	6	4	1.36	0.47	0.89	0.87	0.47	0.45	0.43	0.72	0.81	0.42	0.49	3.00	4.20	0.23
QC6L-6M	6	6	1.38	0.47	0.91	0.87	0.47	0.45	0.45	0.72	0.81	0.42	0.49	4.00	8.80	0.48
QC6L-6	6	6	1.99	0.67	1.32	1.14	0.67	0.67	0.67	1.07	1.16	0.62	1.18	5.00	9.90	0.54
QC6L-8	6	8	1.99	0.67	1.32	1.14	0.67	0.67	0.73	1.07	1.16	0.62	1.22	5.00	10.90	0.59
QC8L-6	8	6	1.99	0.67	1.32	1.14	0.67	0.73	0.67	1.07	1.16	0.62	1.22	5.00	9.50	0.51
QC8L-8	8	8	1.99	0.67	1.32	1.14	0.67	0.73	0.73	1.07	1.16	0.62	1.28	5.00	13.30	0.72

Unit : inch

Model	Tube dia. φD1	Tube dia. φD2	B1	B2	B3	L1	L2	C1	C2	H	F1	F2	Weight (OZ)	Orifice φMM	Eff.a. mm2	CV
QC 1/8L-1/8M	1/8	1/8	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.79	0.90	0.47	0.41	3.00	4.00	0.22
QC 5/32L-1/8M	5/32	1/8	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.79	0.90	0.47	0.40	3.00	4.00	0.22
QC 1/8L-5/32M	1/8	5/32	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.79	0.90	0.47	0.40	3.00	4.00	0.22
QC 5/32L-5/32M	5/32	5/32	1.36	0.47	0.89	0.87	0.47	0.43	0.43	0.79	0.90	0.47	0.40	3.00	4.00	0.22
QC 1/4L-1/4	1/4	1/4	2.08	0.67	1.41	1.14	0.67	0.67	0.67	1.30	1.30	0.78	1.56	4.60	9.90	0.54
QC 5/16L-5/16	5/16	5/16	1.99	0.67	1.31	1.14	0.67	0.71	0.71	1.20	1.30	0.69	1.14	5.00	13.30	0.72
QC 1/4L-5/16	1/4	5/16	1.99	0.67	1.31	1.14	0.67	0.67	0.71	1.30	1.30	0.69	1.35	4.60	10.90	0.59
QC 5/16L-1/4	5/16	1/4	2.08	0.67	1.41	1.14	0.67	0.71	0.67	1.20	1.30	0.78	1.35	4.60	9.50	0.51

QB Connector Band



Unit : inch

Model	B	L1	L2	H	H2	Weight (OZ)
QB-T	1.89	0.12	0.04	0.10	0.06	0.02
QB-H	1.89	0.12	0.04	0.20	0.14	0.02