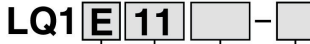


How to Order

Tubing connection



Fitting type

Symbol	Type
E	Union elbow
T	Union tee
P	Panel mount union
U	Union
F	Union flange

Combination of different diameter

Symbol Class	No.	Applicable tubing size (mm)
1	1	4 x 3
1	2	3 x 2
2	1	6 x 4
2	2	4 x 3
2	C	3 x 2
3	1	10 x 8
3	2	8 x 6
3	3	6 x 4
4	1	12 x 10
4	2	10 x 8
5	1	19 x 16
5	2	12 x 10
6	1	25 x 22
6	2	19 x 16

Packaging

Symbol	Packaging
NII	Clean packaging equivalent to Class M3.5
1	Standard packaging equivalent to Class M5.5

Combination of different diameter (on B side)

Symbol Class	No.	Applicable tubing size (inch)
1	A	1/8" x 0.086"
—	—	—
2	A	1/4" x 5/32"
2	B	3/16" x 1/8"
2	C	1/8" x 0.086"
3	A	3/8" x 1/4"
3	B	1/4" x 5/32"
4	A	1/2" x 3/8"
4	B	3/8" x 1/4"
5	A	3/4" x 5/8"
5	B	1/2" x 3/8"
6	A	1" x 7/8"
6	B	3/4" x 5/8"

Note 1) Tubing of different sizes can only be used in combination if within the same body class. However, use of different diameters is not available with size 1.

Note 2) For details of the applicable tubing sizes, refer to page 945.

Size combination

Symbol Class	No.	Applicable tubing size (mm)	Symbol Class	No.	Applicable tubing size (inch)	Applicable flange
1	1	4 x 3	1	A	1/8" x 0.086"	—
1	2	3 x 2	—	—	—	—
2	1	6 x 4	2	A	1/4" x 5/32"	—
2	2	4 x 3	2	B	3/16" x 1/8"	—
2	C	3 x 2	2	C	1/8" x 0.086"	—
3	1	10 x 8	3	A	3/8" x 1/4"	—
3	2	8 x 6	3	B	1/4" x 5/32"	—
3	3	6 x 4	4	A	1/2" x 3/8"	15A
4	1	12 x 10	4	B	3/8" x 1/4"	15A
4	2	10 x 8	5	A	3/4" x 5/8"	20A
5	1	19 x 16	5	B	1/2" x 3/8"	20A
5	2	12 x 10	6	A	1" x 7/8"	25A
6	1	25 x 22	6	B	3/4" x 5/8"	25A
6	2	19 x 16	—	—	—	—

Symbol	Application
NII	Same tubing size
Refer to the applicable tubing table.	Different diameter tubing can be selected within the same body class.
Union elbow LQ1E	Union tee LQ1T
Panel mount union LQ1P	Union LQ1U

Note 1) Tubing of different sizes can only be used in combination if within the same body class. However, for class 1, tubing of different sizes cannot be used in combination.

Note 2) Sizes 1 to 3 are not available for the union flange.

Note 3) For Union flange, nut sizes 4 and 5 are as shown below.

LQ1F4□: LQ-4N□□

LQ1F5□: LQ-5N□□

Note 4) Combinations will differ depending on the type of each fitting. For the availability of combinations, refer to pages 885 to 888.

Note 5) For details of the applicable tubing sizes, refer to page 945.

Different diameter tubing order example

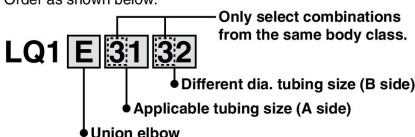
Different diameter tubing (with plug-in reducer) can be selected within the same body class.

(Example) Union elbow

Body class 3

A side: $\phi 10 \times \phi 8$ B side: $\phi 8 \times \phi 6$

Order as shown below.



Tubing in inches can be combined with that in mm in the same body size. Example) LQ1E313A

Union elbow (LQ1E)/Union (LQ1U) How to Order

As this product is bilaterally symmetric (A side and B side), depending on the combination, 2 identical part numbers may be listed in series. Be sure to list symbols in ascending alphanumerical order.

LQ1E 31 32

← Listed in ascending numerical order

Example 1) Ascending numerical order

Correct) LQ1E 31 32

Incorrect) LQ1E 32 31

Example 2) Ascending alphanumerical order

Correct) LQ1E 31 3A

Incorrect) LQ1E 3A 31