

How to Order

Tubing connection

LQ3 **E** **11** -

Fitting type

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

Nut material, packaging

Symbol	Nut material	Packaging
Nil	PFA	Clean packaging equivalent to Class M3.5
1	PFA	Standard packaging equivalent to Class M5.5
2	PVDF	Clean packaging equivalent to Class M3.5
3	PVDF	Standard packaging equivalent to Class M5.5

Size combination

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

Size	Symbol	Applicable tubing size (inch)
1	A	1/8" x 0.086"
2	A	1/4" x 5/32"
3	A	3/8" x 1/4"
4	A	1/2" x 3/8"
5	A	3/4" x 5/8"
6	A	1" x 7/8"
7*	A*	1 1/4" x 1.1"

* E: Union Elbow and U: Union only

K ☐

M ☐

H ☐

KK ☐

D ☐

MS ☐

LQ ☐

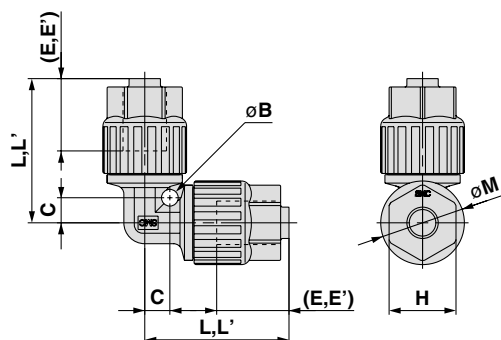
MQR ☐

T ☐

Series LQ3

Dimensions

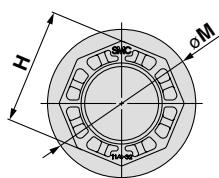
Union elbow: LQ3E



Metric Size

Model	Applicable tubing O.D.	B	C	E	E'	H	L	L'	M
LQ3E11	$\phi 4$	3.5	4.8	10	9	11	28.5	27.5	14
LQ3E12	$\phi 3$								
LQ3E21	$\phi 6$	4	6	17	16	16	34.5	33.5	20
LQ3E31	$\phi 10$	5	9	22.5	19.5	21	47.5	44.5	25
LQ3E32	$\phi 8$								
LQ3E41	$\phi 12$	6	10	24	22	24	52.5	50.5	29
LQ3E51	$\phi 19$	7	14	26.5	24	32	64	61.5	37
LQ3E61	$\phi 25$	8	18	30	26	41	78	74	49

(E,E'): Reference dimension for the inserted tubing from the end surface of the nut
(E'),L': Nut material PVDF dimensions

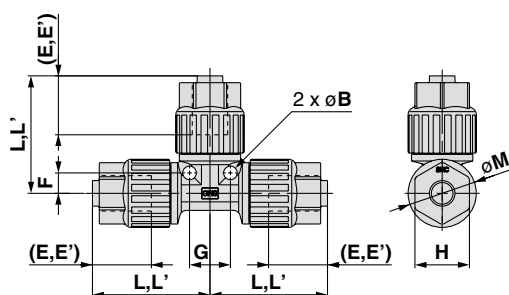


Class 7

Inch Size

Model	Applicable tubing O.D.	B	C	E	E'	H	L	L'	M
LQ3E1A	1/8"	3.5	4.8	10	9	11	28.5	27.5	14
LQ3E2A	1/4"	4	6	17	16	16	34.5	33.5	20
LQ3E3A	3/8"	5	9	22.5	19.5	21	47.5	44.5	25
LQ3E4A	1/2"	6	10	24.5	22.5	24	52.5	50.5	29
LQ3E5A	3/4"	7	14	26.5	24	32	64	61.5	37
LQ3E6A	1"	8	18	30	26	41	78	74	49
LQ3E7A	1 1/4"	9	22	35	35	50	92.5	92.5	64

Union tee: LQ3T



Metric Size

Model	Applicable tubing O.D.	B	E	E'	F	G	H	L	L'	M
LQ3T11	$\phi 4$	3.5	10	9	4.8	9.5	11	28.5	27.5	14
LQ3T12	$\phi 3$									
LQ3T21	$\phi 6$	4	17	16	6	12	16	34.5	33.5	20
LQ3T31	$\phi 10$	5	22.5	19.5	9	18	21	47.5	44.5	25
LQ3T32	$\phi 8$									
LQ3T41	$\phi 12$	6	24	22	10	20	24	52.5	50.5	29
LQ3T51	$\phi 19$	7	26.5	24	14	28	32	64	61.5	37
LQ3T61	$\phi 25$	8	30	26	18	36	41	78	74	49

(E,E'): Reference dimension for the inserted tubing from the end surface of the nut
(E'),L': Nut material PVDF dimensions

Inch Size

Model	Applicable tubing O.D.	B	E	E'	F	G	H	L	L'	M
LQ3T1A	1/8"	3.5	10	9	4.8	9.5	11	28.5	27.5	14
LQ3T2A	1/4"	4	17	16	6	12	16	34.5	33.5	20
LQ3T3A	3/8"	5	22.5	19.5	9	18	21	47.5	44.5	25
LQ3T4A	1/2"	6	24.5	22.5	10	20	24	52.5	50.5	29
LQ3T5A	3/4"	7	26.5	24	14	28	32	64	61.5	37
LQ3T6A	1"	8	30	26	18	36	41	78	74	49