

How to Order

Clean One-touch fittings

Specifications

Symbol	Specifications (metal part materials)
Q	Brass (electroless nickel plated)
G	Stainless steel 304

Model

Model	Description
H	Male connector, Straight union
L	Union elbow, Male elbow
T	Male branch tee, Union tee
Y	Male run tee
U	Male branch, Union "Y"
R	Plug-in reducer

Port size/Applicable tubing O.D.

Thread connection	M5	
	01	R 1/8
02	R 1/4	
03	R 3/8	
04	R 1/2	
Tubing (rod) connection	00	Same dia. tubing
	04	ø4
	06	ø6
	08	ø8
	10	ø10
12	ø12	

Applicable tubing O.D.

04	ø4
06	ø6
08	ø8
10	ø10
12	ø12

Applicable fitting size

04	ø4
06	ø6
08	ø8
10	ø10
12	ø12

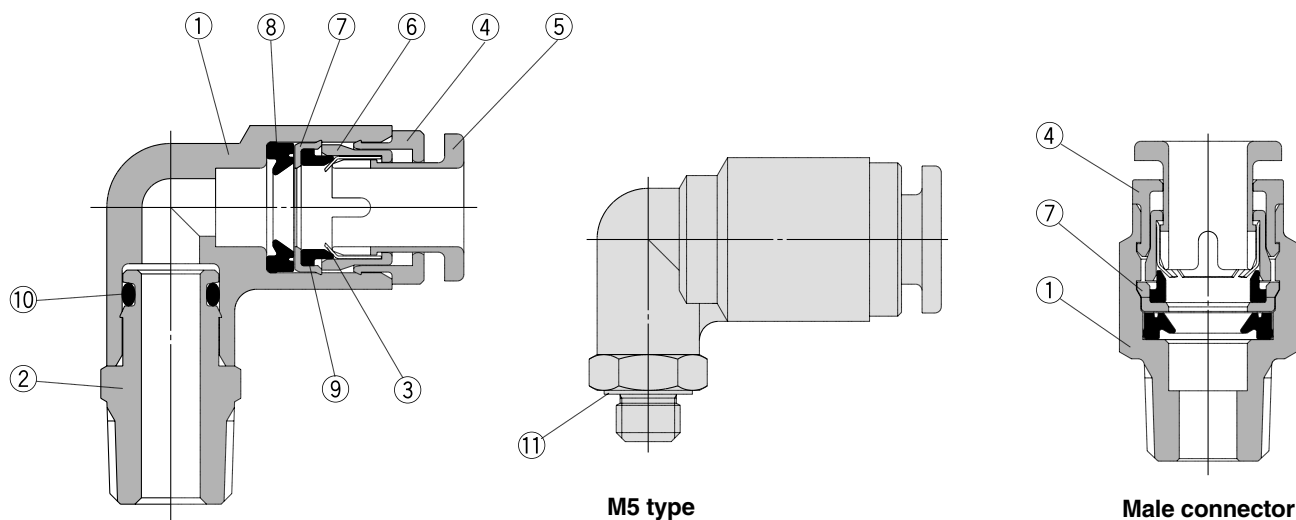
Plug

Clean One-touch fittings

Legend:

- K□
- M□
- H□
- D□
- MS
- T□
- VMG

Construction



Component Parts

No.	Description	Material	
		Series KPQ	Series KPG
①	Body	Polypropylene resin	
	With male connector	Brass (electroless nickel plated)	Stainless steel 304
②	Stud	Brass (electroless nickel plated)	Stainless steel 304
③	Chuck	Stainless steel 304	
④	Guide	Brass (electroless nickel plated)	Stainless steel 304
	With male connector	Polypropylene resin	
⑤	Release button	Polypropylene resin (color: light gray)	Polypropylene resin (color: light blue)
⑥	Collet	Polypropylene resin	
⑦	Stopper	Stainless steel 304	
	With male connector	Polypropylene resin	
⑧	Seal	NBR	
⑨	Bumper	NBR	
⑩	O-ring	NBR	
⑪	Gasket	Stainless steel 304 + NBR	

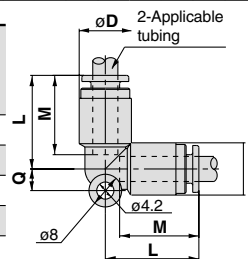
Series KP/KPG

Elbow: KPQL, KPGL



Applicable tubing O.D. mm	Model		Note 1) ϕD	L	Q	M	Effective area mm ²		Weight g
							TPH	TPS	
4	KPQL04-00	KPGL04-00	10.4	20.7	4.5	18	3.5	3.5	3
6	KPQL06-00	KPGL06-00	12.8	22.8	5.3	19.5	9	9	7
8	KPQL08-00	KPGL08-00	15.2	26.3	6	21.5	22	15	11
10	KPQL10-00	KPGL10-00	18.5	29.4	6.8	24	35	25	16
12	KPQL12-00	KPGL12-00	20.9	31.4	7.5	25	50	40	20

Note 1) ϕD indicates the maximum diameter.

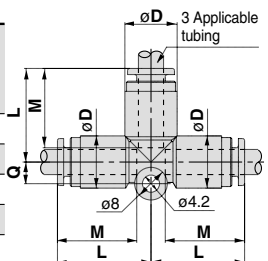


Union Tee: KPQT, KPGT



Applicable tubing O.D. mm	Model		Note 1) ϕD	L	Q	M	Effective area mm ²		Weight g
							TPH	TPS	
4	KPQT04-00	KPGT04-00	10.4	20.7	4.5	18	4	4	7
6	KPQT06-00	KPGT06-00	12.8	22.8	5.3	19.5	10	10	9
8	KPQT08-00	KPGT08-00	15.2	26.3	6	21.5	26	18	16
10	KPQT10-00	KPGT10-00	18.5	29.4	6.8	24	41	29	25
12	KPQT12-00	KPGT12-00	20.9	31.4	7.5	25	58	46	29

Note 1) ϕD indicates the maximum diameter.

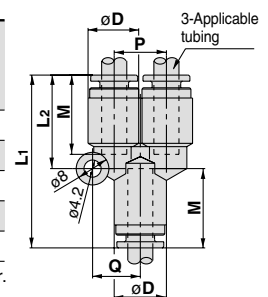


Union "Y": KPQU, KPGU



Applicable tubing O.D. mm	Model		Note 1) ϕD	L ₁	L ₂	P	Q	M	Effective area mm ²		Weight g
									TPH	TPS	
4	KPQU04-00	KPGU04-00	10.4	38.8	20.6	10.4	9.7	18	4	4	7
6	KPQU06-00	KPGU06-00	12.8	42.1	22.8	12.8	11.7	19.5	10	10	10
8	KPQU08-00	KPGU08-00	15.2	48.7	27.5	15.2	13.7	21.5	26	18	17
10	KPQU10-00	KPGU10-00	18.5	54	30.7	18.5	16.1	24	41	29	26
12	KPQU12-00	KPGU12-00	20.9	57.2	32.9	20.9	18.1	25	58	46	32

Note 1) ϕD indicates the maximum diameter.

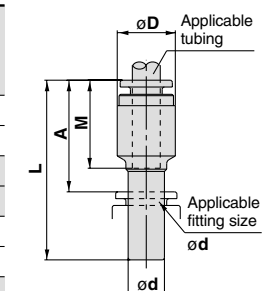


Plug-in Reducer: KPQR, KPGR



Applicable tubing O.D. mm	Applicable fitting size ϕd	Model		Note 1) ϕD	L	A	M	Effective area mm ²		Weight g
								TPH	TPS	
4	6	KPQR04-06	KPGR04-06	10.4	39.4	20.1	18	4	4	3
	8	KPQR04-08	KPGR04-08		41.9	20.2				4
6	8	KPQR06-08	KPGR06-08	12.8	42.5	20.8	19.5	10	10	4
	10	KPQR06-10	KPGR06-10		45	21.2				5
8	10	KPQR08-10	KPGR08-10	15.2	47	23.2	21.5	26	18	5
	12	KPQR08-12	KPGR08-12		48	23.2				6
10	12	KPQR10-12	KPGR10-12	18.5	50.5	25.7	24	41	29	9

Note 1) ϕD indicates the maximum diameter.



Plug: KPP



Applicable fitting size ϕd	Model	ϕD	L	A	Weight g
4	KPP-04	6	32	13.8	0.4
6	KPP-06	8	35	15.7	0.7
8	KPP-08	10	39	17.3	1.1
10	KPP-10	12	43	19.2	1.7
12	KPP-12	14	45.5	20.7	2.5

* The plug is common for series KPQ, KPG and KP.

