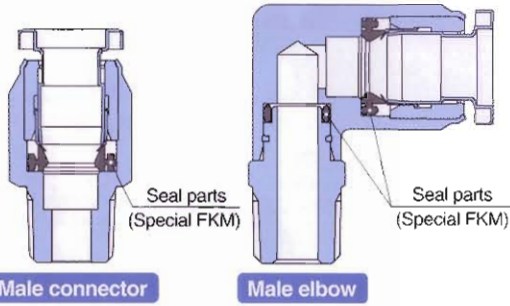


# All Stainless steel 316 except seal parts



## Specifications

Operating fluid	Air, Water, Steam <sup>Note 1)</sup>
Operating pressure range <sup>Note 2)</sup>	-14.5 to 145psi (-100kPa to 1.0MPa)
Proof pressure	435psi (3.0MPa)
Ambient and fluid temperature <sup>Note 3)</sup>	23 to 302°F (-5 to 150°C) (With no freezing)
Operating	Non-grease/Non-Lubricated
Sealant (Thread portion)	With sealant

Note1) Standard seal (special FKM compound) is suitable for steam use.

Note2) KQG fittings are not recommended for vacuum retention, such as leakage testers, because zero leakage is not guaranteed.

Note3) 248°F (120°C) for extended periods of time, use of an inner tube support sleeve is recommended.

## Applicable tube

Tube material <sup>Note4)</sup>	FEP, PFA, Nylon, Soft nylon Polyurethane, Polyolefin	
Tube O. D.	Inch	ø5/32", ø1/4", ø5/16", ø3/8", ø1/2"
	Metric	ø4, ø6, ø8, ø10, ø12

Note 4) When using polyurethane tubing in dynamic applications, use of an inner tube support sleeve is recommended.

Tube size	Tube model										Applicable inner sleeve	
	TU	TIUB	TUS	T	TIA	TH	TIH	TL	TIL	Model	Length	
0402	—	—	—	—	—	●	—	—	—	TJ-0402	18	
0425	●	—	—	—	—	—	—	—	—	TJ-0425	18	
0403	—	—	—	—	—	—	—	—	—	TJ-0403	18	
0604	●	—	—	—	—	—	—	—	—	TJ-0604	19	
0645	—	—	—	—	—	—	—	—	—	—	—	
0805	●	—	—	—	—	—	—	—	—	TJ-0805	20.5	
0806	—	—	—	—	—	—	—	—	—	TJ-0806	20.5	
1065	●	—	—	—	—	—	—	—	—	TJ-1065	23	
1075	—	—	—	—	—	—	—	—	—	TJ-1075	23	
1008	—	—	—	—	—	—	—	—	—	—	—	
1208	●	—	—	—	—	—	—	—	—	TJ-1208	24	
1209	—	—	—	—	—	—	—	—	—	TJ-1209	24	
1210	—	—	—	—	—	—	—	—	—	TJ-1210	24	
05	—	—	—	—	—	—	—	—	—	—	—	
07	—	—	—	—	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	—	—	—	—	

Note) Inner sleeve is not available for inch sizes.

# SUS316

## Stainless steel 316

# One-touch Fittings

## Series KQG



## Superior Resistance to Heat and Chemicals

# SUS316 Stainless Steel

# One-touch Fittings



## KQGT Branch Tee (Male Branch Tee)



Applicable tube O.D. inch	Port size NPT	Model	Applicable tube O.D. mm	Port size R	Model
		KQGT			KQGT
5/32	10-32UNF	KQGT03-32	4	M5	KQGT04-M5
	1/8	KQGT03-N01S		1/8	KQGT04-01S
1/4	10-32UNF	KQGT07-32	6	M5	KQGT06-M5
	1/8	KQGT07-N01S		1/8	KQGT06-01S
	1/4	KQGT07-N02S		1/4	KQGT06-02S
5/16	1/8	KQGT09-N01S	8	1/8	KQGT08-01S
	1/4	KQGT09-N02S		1/4	KQGT08-02S
	3/8	KQGT09-N03S		3/8	KQGT08-03S
3/8	1/4	KQGT11-N02S	10	1/4	KQGT10-02S
	3/8	KQGT11-N03S		3/8	KQGT10-03S
1/2	3/8	KQGT13-N03S	12	3/8	KQGT12-03S
	1/2	KQGT13-N04S		1/2	KQGT12-04S

## KQGS Internal Hexagon Socket Head Male Connector



Applicable tube O.D. inch	Port size NPT	Model	Applicable tube O.D. mm	Port size R	Model
		KQGS			KQGS
5/32	10-32UNF	KQGS03-32	4	M5	KQGS04-M5
	1/8	KQGS03-N01S		1/8	KQGS04-01S
1/4	10-32UNF	KQGS07-32	6	M5	KQGS06-M5
	1/8	KQGS07-N01S		1/8	KQGS06-01S
	1/4	KQGS07-N02S		1/4	KQGS06-02S
5/16	1/8	KQGS09-N01S	8	1/8	KQGS08-01S
	1/4	KQGS09-N02S		1/4	KQGS08-02S
	3/8	KQGS09-N03S		3/8	KQGS08-03S
3/8	1/4	KQGS11-N02S	10	1/4	KQGS10-02S
	3/8	KQGS11-N03S		3/8	KQGS10-03S
1/2	3/8	KQGS13-N03S	12	3/8	KQGS12-03S
	1/2	KQGS13-N04S		1/2	KQGS12-04S

## KQGH Straight Union



Applicable tube O.D. inch	Model	Applicable tube O.D. mm	Model
	KQGH		KQGH
5/32	KQGH03-00	4	KQGH04-00
1/4	KQGH07-00	6	KQGH06-00
5/16	KQGH09-00	8	KQGH08-00
3/8	KQGH11-00	10	KQGH10-00
1/2	KQGH13-00	12	KQGH12-00

## KQGT Union Tee



Applicable tube O.D. inch	Model	Applicable tube O.D. mm	Model
	KQGT		KQGT
5/32	KQGT03-00	4	KQGT04-00
1/4	KQGT07-00	6	KQGT06-00
5/16	KQGT09-00	8	KQGT08-00
3/8	KQGT11-00	10	KQGT10-00
1/2	KQGT13-00	12	KQGT12-00

## KQGL Union Elbow



Applicable tube O.D. inch	Model	Applicable tube O.D. mm	Model
	KQGL		KQGL
5/32	KQGL03-00	4	KQGL04-00
1/4	KQGL07-00	6	KQGL06-00
5/16	KQGL09-00	8	KQGL08-00
3/8	KQGL11-00	10	KQGL10-00
1/2	KQGL13-00	12	KQGL12-00

## KQGU Branch "Y"



Applicable tube O.D. inch	Model	Applicable tube O.D. mm	Model
	KQGU		KQGU
5/32	KQGU03-00	4	KQGU04-00
1/4	KQGU07-00	6	KQGU06-00
5/16	KQGU09-00	8	KQGU08-00
3/8	KQGU11-00	10	KQGU10-00
1/2	KQGU13-00	12	KQGU12-00

## KQGH Male Connector



Applicable tube O.D. inch	Port size NPT	Model	Applicable tube O.D. mm	Port size R	Model
		KQGH			KQGH
5/32	10-32UNF	KQGH03-32	4	M5	KQGH04-M5
	1/8	KQGH03-N01S		1/8	KQGH04-01S
1/4	10-32UNF	KQGH07-32	6	M5	KQGH06-M5
	1/8	KQGH07-N01S		1/8	KQGH06-01S
	1/4	KQGH07-N02S		1/4	KQGH06-02S
5/16	1/8	KQGH09-N01S	8	1/8	KQGH08-01S
	1/4	KQGH09-N02S		1/4	KQGH08-02S
	3/8	KQGH09-N03S		3/8	KQGH08-03S
3/8	1/4	KQGH11-N02S	10	1/4	KQGH10-02S
	3/8	KQGH11-N03S		3/8	KQGH10-03S
1/2	3/8	KQGH13-N03S	12	3/8	KQGH12-03S
	1/2	KQGH13-N04S		1/2	KQGH12-04S

## KQGE Bulkhead Union



Applicable tube O.D. inch	Model	Applicable tube O.D. mm	Model
	KQGE		KQGE
5/32	KQGE03-00	4	KQGE04-00
1/4	KQGE07-00	6	KQGE06-00
5/16	KQGE09-00	8	KQGE08-00
3/8	KQGE11-00	10	KQGE10-00
1/2	KQGE13-00	12	KQGE12-00


## KQGL Male Elbow



Applicable tube O.D. inch	Port size NPT	Model	Applicable tube O.D. mm	Port size R	Model
		KQGL			KQGL
5/32	10-32UNF	KQGL03-32	4	M5	KQGL04-M5
	1/8	KQGL03-N01S		1/8	KQGL04-01S
1/4	10-32UNF	KQGL07-32	6	M5	KQGL06-M5
	1/8	KQGL07-N01S		1/8	KQGL06-01S
	1/4	KQGL07-N02S		1/4	KQGL06-02S
5/16	1/8	KQGL09-N01S	8	1/8	KQGL08-01S
	1/4	KQGL09-N02S		1/4	KQGL08-02S
	3/8	KQGL09-N03S		3/8	KQGL08-03S
3/8	1/4	KQGL11-N02S	10	1/4	KQGL10-02S
	3/8	KQGL11-N03S		3/8	KQGL10-03S
1/2	3/8	KQGL13-N03S	12	3/8	KQGL12-03S
	1/2	KQGL13-N04S		1/2	KQGL12-04S


## Male Connector

Applicable tubing O.D. (mm)	Connection thread	Model
ø4	M5	KQGH04-M5
	R1/8	KQGH04-01S
ø6	M5	KQGH06-M5
	R1/8	KQGH06-01S
	R1/4	KQGH06-02S
ø8	R1/8	KQGH08-01S
	R1/4	KQGH08-02S
	R3/8	KQGH08-03S
ø10	R1/4	KQGH10-02S
	R3/8	KQGH10-03S
ø12	R3/8	KQGH12-03S
	R1/2	KQGH12-04S




## Hexagon Socket Head Male Connector

Applicable tubing O.D. (mm)	Connection thread	Model
ø4	M5	KQGS04-M5
	R1/8	KQGS04-01S
ø6	M5	KQGS06-M5
	R1/8	KQGS06-01S
	R1/4	KQGS06-02S
ø8	R1/8	KQGS08-01S
	R1/4	KQGS08-02S
	R3/8	KQGS08-03S
ø10	R1/4	KQGS10-02S
	R3/8	KQGS10-03S
ø12	R3/8	KQGS12-03S
	R1/2	KQGS12-04S




## Straight Union

Applicable tubing O.D. (mm)	Model
ø4	KQGH04-00
ø6	KQGH06-00
ø8	KQGH08-00
ø10	KQGH10-00
ø12	KQGH12-00




## Male Elbow

Applicable tubing O.D. (mm)	Connection thread	Model
ø4	M5	KQGL04-M5
	R1/8	KQGL04-01S
ø6	M5	KQGL06-M5
	R1/8	KQGL06-01S
	R1/4	KQGL06-02S
ø8	R1/8	KQGL08-01S
	R1/4	KQGL08-02S
	R3/8	KQGL08-03S
ø10	R1/4	KQGL10-02S
	R3/8	KQGL10-03S
ø12	R3/8	KQGL12-03S
	R1/2	KQGL12-04S




## Union Elbow

Applicable tubing O.D. (mm)	Model
ø4	KQGL04-00
ø6	KQGL06-00
ø8	KQGL08-00
ø10	KQGL10-00
ø12	KQGL12-00




## Male Branch Tee

Applicable tubing O.D. (mm)	Connection thread	Model
ø4	M5	KQGT04-M5
	R1/8	KQGT04-01S
ø6	M5	KQGT06-M5
	R1/8	KQGT06-01S
	R1/4	KQGT06-02S
ø8	R1/8	KQGT08-01S
	R1/4	KQGT08-02S
	R3/8	KQGT08-03S
ø10	R1/4	KQGT10-02S
	R3/8	KQGT10-03S
ø12	R3/8	KQGT12-03S
	R1/2	KQGT12-04S




## Union Tee

Applicable tubing O.D. (mm)	Model
ø4	KQGT04-00
ø6	KQGT06-00
ø8	KQGT08-00
ø10	KQGT10-00
ø12	KQGT12-00



## Union "Y"

Applicable tubing O.D. (mm)	Model
ø4	KQGU04-00
ø6	KQGU06-00
ø8	KQGU08-00
ø10	KQGU10-00
ø12	KQGU12-00



## Bulkhead Union

Applicable tubing O.D. (mm)	Model
ø4	KQGE04-00
ø6	KQGE06-00
ø8	KQGE08-00
ø10	KQGE10-00
ø12	KQGE12-00

