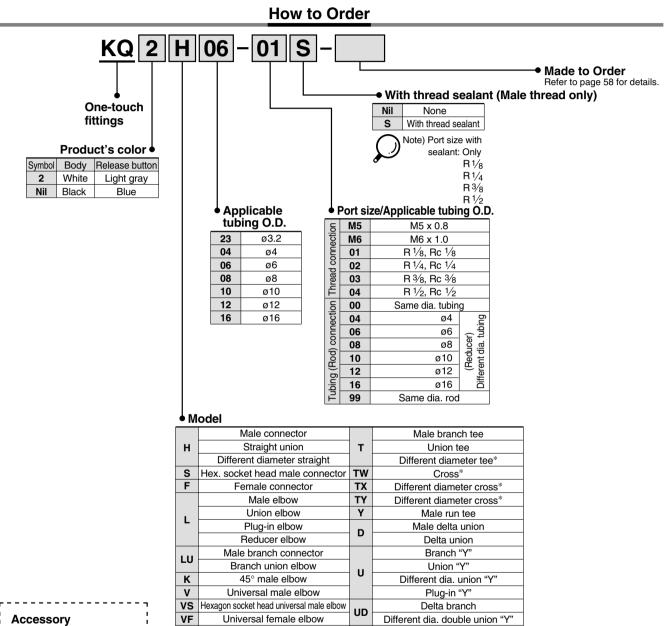
# **One-touch Fittings** Series KQ2

**Applicable Tubing: Metric Size** Connection Thread: M, R, Rc



Symbol	Name	
KQ2N	Nipple	
	Reducer nipple	
	Adaptor	
KQ2C	Tube cap	
KQ2C	Color cap	
KQ2P	Plug (White)	
KQP	Plug (Blue)	
	<u> </u>	

Use the below part number to order the gasket for M5 and M6 threads. Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

Female elbow

Double universal male elbow

Triple universal male elbow

Branch universal male elbow

Branch universal female elbow

Double branch universal male elbow

Triple branch universal male elbow

Extended plug-in elbow Extended male elbow

LF

۷D

۷T

Z

ZF

ZD

ZT



XD

X

R

F

LE

Double plug-in "Y"

Different diameter plug-in "Y"

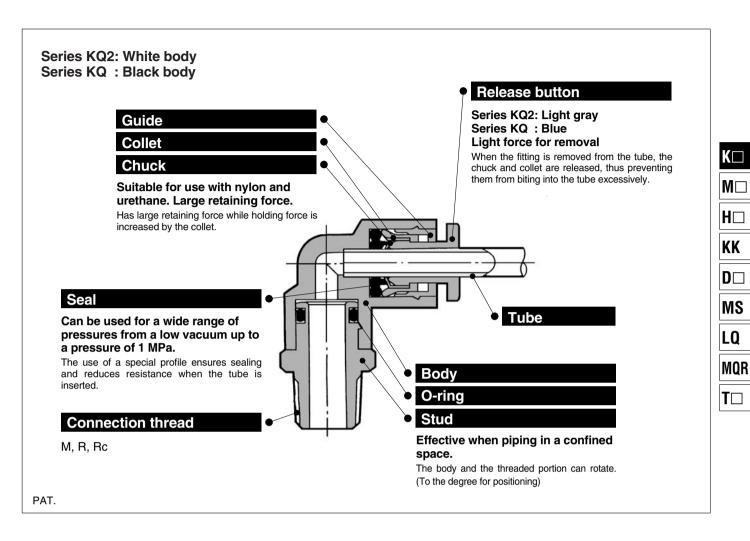
Plug-in reducer

Bulkhead union

**Bulkhead** connector

Bulkhead male elbow

<sup>\*</sup> Available only for white color body.



# One-touch IN/OUT connection. Possible to use in vacuum to –100 kPa





### **Applicable Tubing**

Tubing material	FEP, PFA, Nylon, Soft nylon (1), Polyurethane	
Tubing O.D.	ø3.2, ø4, ø6, ø8, ø10, ø12, ø16	

Note 1) Soft nylon tubing is not compatible with water.

#### **Product's Color**

Series	Body	Release button
Series KQ2	White	Light gray
Series KQ	Black	Blue

### **Specifications**

Fluid		Air/Water (2)	
Operating press	sure range (3)	-100 kPa to 1 MPa	
Proof pressure		3 MPa	
Ambient and flu	id temperature	-5 to 60°C, Water: 0 to 40°C (No freezing)	
Thread	Mounting section	JIS B0203 (Taper thread for piping)	
	Woulding section	JIS B0205 (Metric coarse thread)	
	Nut section	JIS B0205 (Metric fine thread)	
Seal on the thre	ads	With sealant or none	

Note 2) The surge pressure must be under the maximum operating pressure.

Note 3) Do not use the fittings with a leak tester or for vacuum retention because they are not guaranteed for zero leakage.

## **Principal Parts Material**

Body	C3604, PBT, PP
Stud	C3604 (Thread portion)
Chuck	Stainless steel 304
Guide	Stainless steel 304, C3604, PBT
Collet, Release button	POM
Seal, O-ring	NBR
Gasket	Stainless steel 304, NBR

