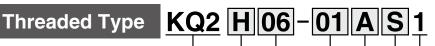
Oval Type | Applicable Tubing: Metric Size, Connection Thread: M, R, Rc

# **How to Order**



# One-touch fittings

## Model •

Symbol	Model
Н	Male connector
S	Hexagon socket head male connector
F	Female connector
L	Male elbow
K	45° male elbow
V	Universal male elbow
VS	Hexagon socket head universal male elbow
VF	Universal female elbow
LF	Female elbow
VD	Double universal male elbow
VT	Triple universal male elbow
W	Extended male elbow
Т	Male branch tee
Υ	Male run tee
D	Male delta union
Е	Bulkhead union
	Bulkhead connector
LE	Bulkhead male elbow
N	Adapter

# Oval type release button

## Male thread seal method

Symbol	Seal method
Nil	None
S	With thread sealant

#### Thread material/Surface treatment

Symbol	Thread material/Surface treatment
Α	Brass
N	Brass + Electroless nickel plating
G	Stainless steel 303 (Connection thread: Only male thread and M3)

## ◆Port size/Applicable tubing O.D.

Symbol		Size
	M3	M3 x 0.5
	M5	M5 x 0.8
Thread	M6	M6 x 1.0
connection	01	R1/8, Rc1/8
	02	R1/4, Rc1/4
	03	R3/8, Rc3/8
Tubing connection	00*1	Same dia. tubing

<sup>\*1</sup> Only for "Bulkhead union" and "Bulkhead male elbow".

# **♦** Applicable tubing O.D.

Symbol	Size
23	ø3.2
04	ø4
06	ø6

## **Spare Parts**

Use the part number below to order the gasket for M3, M5, and M6 threads.

Gasket for M3 thread: M-3G2 Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

# Tube – Tube Type $\frac{KQ2}{H}$ $\frac{H}{06}$ - $\frac{1}{00}$ $\frac{1}{4}$

# One-touch fittings

### Model **♦**

Symbol	Model
н	Straight union
п	Different diameter straight
	Union elbow
L	Plug-in elbow
	Reducer elbow
W	Extended plug-in elbow
т	Union tee
•	Different diameter tee
TW	Cross
TX	Different diameter cross
TY	Different diameter cross
D	Delta union
R	Plug-in reducer

# Oval type release button

## Applicable tubing O.D. (Rod O.D.)

Symbol		ol	Size
uc		00	Same diameter tubing
ctic	99	Same diameter rod	
Tubing (Rod) connection Different dia. tubing (Reducer)	23	ø3.2	
	04	ø4	
	06	ø6	
	ed it	08	ø8
	fere F	10	ø10
Ţ	₫	12	ø12

## Applicable tubing O.D.

-	
Symbol	Size
02	ø2
23	ø3.2
04	ø4
06	ø6
08	ø8
10	ø10

# **Accessories**

Symbol	Name
KQ2N	Nipple
KQ2N	Reducer nipple
KQ2C	Tube cap
KQ2P	Plug

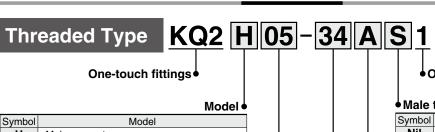
8

Face Seal

Gasket Seal

Oval Type Applicable Tubing: Inch Size, Connection Thread: UNF, NPT

# **How to Order**



	Model •
Symbol	Model
Н	Male connector
S	Hexagon socket head male connector
F	Female connector
L	Male elbow
K	45° male elbow
V	Universal male elbow
VS	Hexagon socket head universal male elbow
VF	Universal female elbow
LF	Female elbow
VD	Double universal male elbow
VT	Triple universal male elbow
W	Extended male elbow
Т	Male branch tee
Υ	Male run tee
F	Bulkhead union
	Bulkhead connector
LE	Bulkhead male elbow

Oval type release button

## Male thread seal method

Symbol	Seal method
Nil	None
S	With thread sealant

## ◆Thread material/Surface treatment

Symbol	Thread material/Surface treatment
Α	Brass
N	Brass + Electroless nickel plating
IN IN	brass + Electroless nicker plating

## Port size/Applicable tubing O.D.

Symbol		Size
	32	10-32UNF
Thread	33	NPT1/16
connection	34	NPT1/8
	35	NPT1/4
Tubing connection	00*1	Same diameter tubing

<sup>\*1</sup> Only for "Bulkhead union" and "Bulkhead male elbow".

# Applicable tubing O.D.

1-1-	· · · · · · · · · · · · · · · · · · ·
Symbol	Size
01	ø1/8"
03	ø5/32"
05	ø3/16"

## **Spare Parts**

Use the part number below to order the gasket for sealing 10-32UNF thread.

Gasket for 10-32UNF: M-5G2

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Tube - Tube Type **KQ2 H 05 - 00 A 1** 

Model •

# One-touch fittings

Symbol	Model	
н	Straight union	
	Different diameter straight	
	Union elbow	
L	Plug-in elbow	
	Reducer elbow	
R	Plug-in reducer	
т	Union tee	
•	Different diameter tee	
TW	Cross	

Oval type release button

# Applicable tubing O.D. (Rod O.D.)

Symbol		ol	Size	
cţio		00 Same diameter tubir		
ouue		99	Same diameter rod	
0 (g)	ubing )	01	ø1/8"	
Tubing (Rod) connection	ent dia. tu Reducer)	03	ø5/32"	
喜	Difference	05	ø3/16"	

# Applicable tubing O.D.

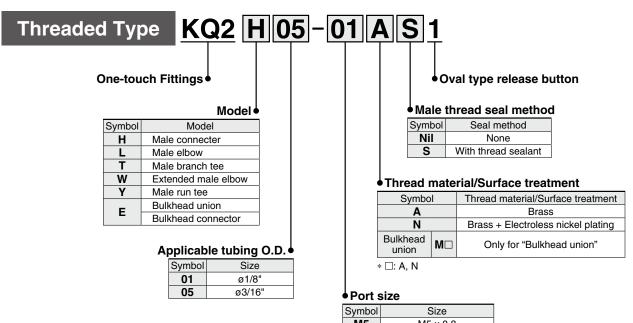
3	Symbol	Size	
	01	ø1/8"	
	03	ø5/32"	
	05	ø3/16"	

### Accessories

Symbol	Name	
KQ2N	Nipple	
KQ2N	Reducer nipple	
KQ2C	Tube cap	
KQ2P	Plug	

Inch Size

Inch Size Uni



For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Symbol	Size
M5 × 0.8	
01 R1/8, Rc1/8 02 R1/4, Rc1/4	

\*1 Only for "Bulkhead union".

### **Spare Parts**

Use the part number below to order the gasket for M5 thread. Gasket for M5 thread: M-5G2

Sealant/Gasket Seal

Inch Size M, R, Rc | Inch Size UNF, NPT | Metric Size M,

Metric Size G ಜ

Face Seal

Inch Size NPT | Metric Size R,

Size Inch (

Metric Size Uni

Inch Size Uni



Inch Size UNF, NPT | Metric Size M,

Sealant/Gasket Seal ಜ

Inch Size M, R,

Metric Size G

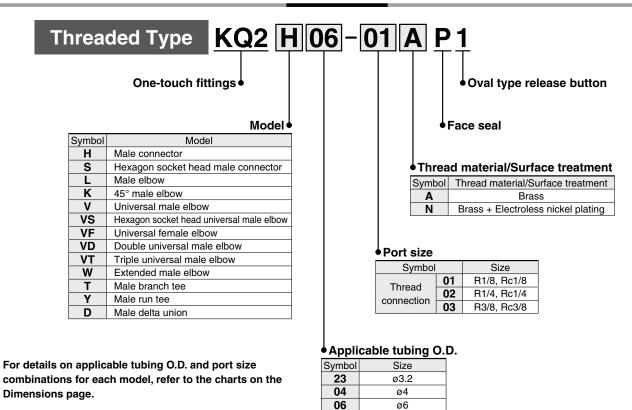
Face Seal

Threaded Type KQ2 H 06 - G01 A 1 One-touch fittings Oval type release button Model • ◆Thread material/Surface treatment Symbol Model Symbol Thread material/Surface treatment Н Male connector **Brass** S Hexagon socket head male connector N Brass + Electroless nickel plating Female connector Male elbow Universal male elbow Port size W Extended male elbow Symbol Size Male branch tee G01 G1/8 Thread Male run tee G02 G1/4 E Bulkhead connector connection G03 G3/8 ♦ Applicable tubing O.D. For details on applicable tubing O.D. and port size Symbol Size 04 ø4

06

ø6

combinations for each model, refer to the charts on the Dimensions page.



Metric Size G

Inch Size UNF, NPT | Metric Size M,

æ

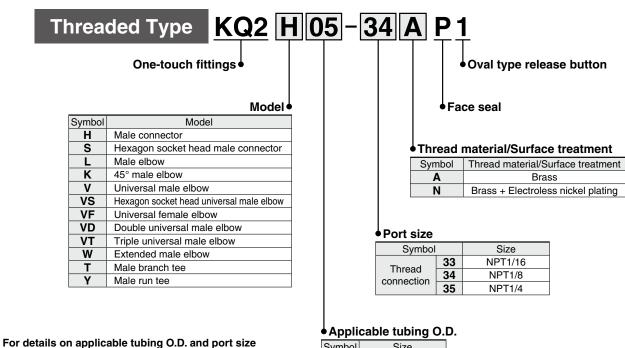
Inch Size M, R,

Sealant/Gasket Seal

Metric Size R, Rc

Face Seal Inch Size NPT

Inch Size R

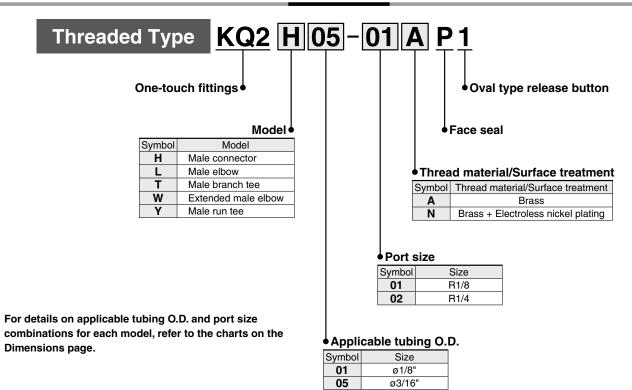


combinations for each model, refer to the charts on the Dimensions page.

Symbol Size 01 ø1/8" ø5/32" 03 ø3/16" 05

ಜ

Gasket Seal

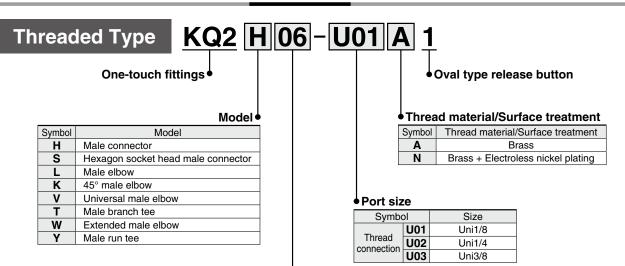


8

Face Seal

Applicable Tubing: Metric Size, Connection Thread: Rc, G, NPT, NPTF

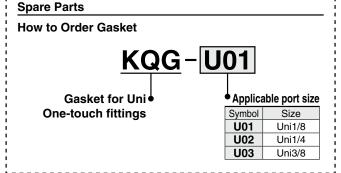
# **How to Order**



Applicable tubing O.D.

Symbol	Size
04	ø4
06	ø6

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.



Inch Size UNF, NPT | Metric Size M,

Sealant/Gasket Seal æ

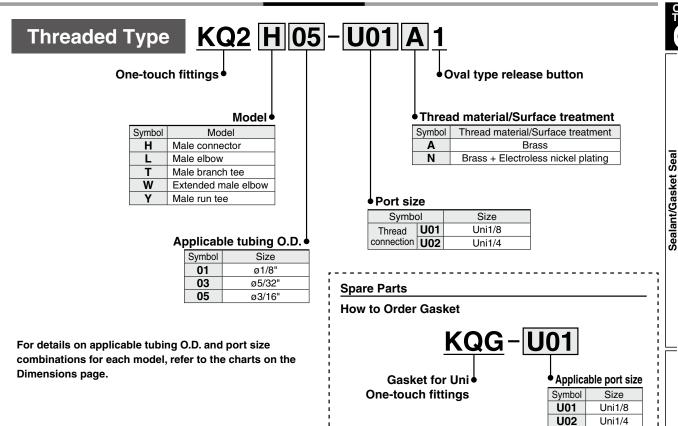
Inch Size M, R, Metric Size G

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Inch Size NPT | Metric Size R, Face Seal

> Size Inch (

Gasket Seal



Inch Size M, R,

æ

Inch Size UNF, NPT | Metric Size M,

Metric Size G

Inch Size NPT Metric Size R, Rc

Face Seal

Inch Size R

Gasket Seal Jni Metric Size Uni

# KQ2 H 06 - 01 A S Threaded Type

# One-touch fittings

## Model •

	Woder		
Symbol Model			
Н	Male connector		
S	Hexagon socket head male connector		
F	Female connector		
L	Male elbow		
LU	Branch male elbow		
K	45° male elbow		
V	Universal male elbow		
VS	Hexagon socket head universal male elbow		
VF	Universal female elbow		
LF	Female elbow		
VD	Double universal male elbow		
VT	Triple universal male elbow		
Z Branch universal male elbow			
ZF	Branch universal female elbow  Double branch universal male elbow		
ZD			
ZT	Triple branch universal male elbow		
W	Extended male elbow		
Т	Male branch tee		
Υ	Male run tee		
D	Male delta union		
U Branch "Y" UD Double branch "Y"			
		E	Bulkhead union
	Bulkhead connector		
LE	Bulkhead male elbow		
N	Adapter		

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

## Male thread seal method

Symbol	Seal method	
Nil	None	
S	With thread sealant	

## 

	Symbol A		Thread material/Surface treatment	
			Brass	
	N		Brass + Electroless nickel plating	
	G		Stainless steel 303 (Connection thread: Only male thread and M3)	
	Bulkhead union		Interchangeable with KJE	

\* □: A, N

## Port size/Applicable tubing O.D.

Symbol	Symbol		
	M3	M3 x 0.5	
	M5	M5 x 0.8	
Thursday	М6	M6 x 1.0	
Thread connection	01	R1/8, Rc1/8	
Connection	02	R1/4, Rc1/4	
	03	R3/8, Rc3/8	
	04	R1/2, Rc1/2	
Tubing connection	00*1	Same dia. tubing	

\*1 Only for "Bulkhead union" and "Bulkhead male elbow".

## **♦** Applicable tubing O.D.

Symbol	Size
02	ø2
23	ø3.2
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

#### **Spare Parts**

Use the part number below to order the gasket for M3, M5, and M6 threads.

Gasket for M3 thread: M-3G2 Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

# Tube - Tube Type KQ2 H 06 - 00 A

# One-touch fittings

## Model •

	modere		
Symbol	Model		
н	Straight union		
п	Different diameter straight		
	Union elbow		
L	Plug-in elbow		
	Reducer elbow		
LU	Branch union elbow		
W	Extended plug-in elbow		
Т	Union tee		
•	Different diameter tee		
TW	Cross		
TX	Different diameter cross		
TY	Different diameter cross		
D	Delta union		
	Union "Y"		
U	Plug-in "Y"		
	Different diameter union "Y"		
UD	Different diameter double union "Y"		
Х	Different diameter plug-in "Y"		
R	Plug-in reducer		
XD Double plug-in "Y"			

# Applicable tubing O.D. (Rod O.D.)

Symbol		ol	Size	
ڃ	چ	00	Same diameter tubing	
Tubing (Rod) connection Different dia. tubing (Reducer)	99	Same diameter rod		
	23	ø3.2		
	ign	04	ø4	
	a. ti	06	ø6	
	ğ ğ	08	ø8	
	Re	10	ø10	
	ffer (	12	ø12	
	Θ	16	ø16	

### Applicable tubing O.D.

TAPPlicable tubiling O.D.		
Symbol	Size	
02	ø2	
23	ø3.2	
04	ø4	
06	ø6	
08	ø8	
10	ø10	
12	ø12	
16	ø16	

# **Accessories**

Symbol	Name	
KQ2N	Nipple	
KQ2N	Reducer nipple	
KQ2C	Tube cap	
KQ2P	Plug	

Inch Size UNF, NPT Sealant/Gasket Seal æ

Inch Size M, R,

Metric Size G

ಜ

Face Seal

Inch Size NPT | Metric Size R,

Size Inch

Metric Size Uni

Inch Size Uni

# Threaded Type KQ2 H 05 - 34 A S

# One-touch fittings

#### Model •

	Wodel -			
Symbol	Model			
Н	Male connector			
S	Hexagon socket head male connector			
F	Female connector			
L	Male elbow			
K	45° male elbow			
V	Universal male elbow			
VS	Hexagon socket head universal male elbow			
VF	Universal female elbow			
LF	Female elbow			
VD Double universal male elbow				
VT	Triple universal male elbow			
Z	Branch universal male elbow			
ZD Double branch universal male elbow				
ZT	Triple branch universal male elbow			
W	Extended male elbow			
Т	Male branch tee			
Υ	Male run tee			
U	Branch "Y"			
E	Bulkhead union			
	Bulkhead connector			
LE	Bulkhead male elbow			

# Male thread seal method

Symbol	Seal method		
Nil	None		
S	With thread sealant		

## Thread material/Surface treatment

Symbol		Thread material/Surface treatment
Α		Brass
N		Brass + Electroless nickel plating
Bulkhead union	□J	Interchangeable with KJE

\* □: A, N

Port size/Applicable tubing O.D.

Symbol		Size
	32	10-32UNF
	33	NPT1/16
Thread	34	NPT1/8
connection	35	NPT1/4
	36	NPT3/8
	37	NPT1/2
Tubing connection	00*1	Same diameter tubing

\*1 Only for "Bulkhead union" and "Bulkhead male elbow".

## Applicable tubing O.D.

Symbol	Size
01	ø1/8"
03	ø5/32"
05	ø3/16"
07	ø1/4"
09	ø5/16"
11	ø3/8"
13	ø1/2"

## **Spare Parts**

Use the part number below to order the gasket for sealing 10-32UNF

Gasket for 10-32UNF: M-5G2

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

# Tube - Tube Type KQ2 H 05 - 00 A

## One-touch fittings

## Model •

Symbol	Model		
н	Straight union		
п	Different diameter straight		
	Union elbow		
L	Plug-in elbow		
	Reducer elbow		
R	Plug-in reducer		
т	Union tee		
	Different diameter tee		
TW	Cross		
	Union "Y"		
U	Plug-in "Y"		
	Different diameter union "Y"		
X	Different diameter plug-in "Y"		

## Applicable tubing O.D. (Rod)

Symbol			Size
Tubing (Rod) connection		00	Same diameter tubing
		99	Same diameter rod
	рu	01	ø1/8"
	Different dia. tubing (Reducer)	03	ø5/32"
		05	ø3/16"
		07	ø1/4"
		09	ø5/16"
		11	ø3/8"
		13	ø1/2"

## Applicable tubing O.D.

Applicable lubility O.		
Symbol	Size	
01	ø1/8"	
03	ø5/32"	
05	ø3/16"	
07	ø1/4"	
09	ø5/16"	
11	ø3/8"	
13	ø1/2"	

### **Accessories**

Symbol	Name
KQ2N	Nipple
	Reducer nipple
KQ2C	Tube cap
KQ2P	Plug

Inch Size UNF, NPT | Metric Size M, Sealant/Gasket Seal

> ಜ Inch Size M, R,

Metric Size G ಜ

Metric Size R,

Face Seal

Inch Size NPT

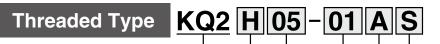
Size Inch

Metric Size Uni

Inch Size Uni

Applicable Tubing: Inch Size, Connection Thread: M, R, Rc

# **How to Order**



# One-touch Fittings

## Model •

S	Symbol	Model
	Н	Male connecter
	L	Male elbow
	Т	Male branch tee
	W	Extended male elbow
	Υ	Male run tee
	U	Branch "Y"
	_	Bulkhead union
	E	Bulkhead connector

# Applicable tubing O.D.

Symbol	Size
01	ø1/8"
05	ø3/16"
07	ø1/4"
09	ø5/16"
11	ø3/8"
13	ø1/2"

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

# Male thread seal method

Symbol	Seal method
Nil	None
S	With thread sealant

## 

Symbol		Thread material/Surface treatment
Α		Brass
N		Brass + Electroless nickel plating
Bulkhead union	M	Only for "Bulkhead union"

\* □: A, N

# Port size/Applicable tubing O.D.

Symbol	Size
M5	M5 x 0.8
01	R1/8, Rc1/8
02	R1/4, Rc1/4
03	R3/8, Rc3/8
04	R1/2, Rc1/2
00*1	Same diameter tubing

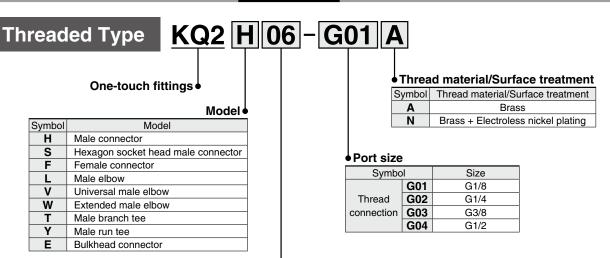
\*1 Only for "Bulkhead union".

# **Spare Parts**

Use the part number below to order the gasket for M5 thread. Gasket for M5 thread: M-5G2

Applicable Tubing: Metric Size, Connection Thread: G

# **How to Order**

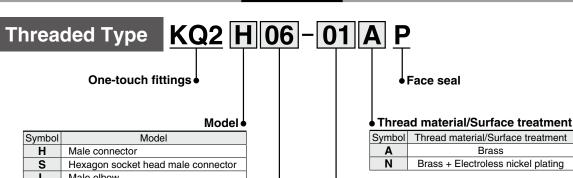


♦ Applicable tubing O.D.

Symbol	Size
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Metric Size G



Symbol	Model	
Н	Male connector	
S	Hexagon socket head male connector	
L Male elbow		
LU	Branch male elbow	
K	45° male elbow	
V	Universal male elbow	
VS	Hexagon socket head universal male elbow	
VF	Universal female elbow	
VD	Double universal male elbow	
VT	Triple universal male elbow	
Z	Branch universal male elbow	
ZF	Branch universal female elbow	
ZD	Double branch universal male elbow	
ZT	Triple branch universal male elbow	
W	Extended male elbow	
Т	Male branch tee	
Υ	Male run tee	
D	Male delta union	
U	Branch "Y"	
UD	Double branch "Y"	
N	Adapter	

Symbol Size 01 R1/8, Rc1/8 Thread 02 R1/4, Rc1/4 connection R3/8, Rc3/8 03 04 R1/2, Rc1/2

# ♣ Applicable tubing O.D.

1.1.	<u> </u>	
Symbol	Size	
23	ø3.2	
04	ø4	
06	ø6	
80	ø8	
10	ø10	
12	ø12	
16	ø16	

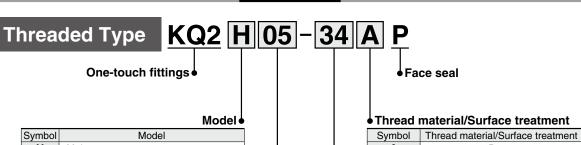
For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Gasket Seal

**Brass** 

Brass + Electroless nickel plating

# **How to Order**



Symbol	Model	
Н	Male connector	
S	Hexagon socket head male connector	
L	Male elbow	
K	45° male elbow	
V	Universal male elbow	
VS	Hexagon socket head universal male elbow	
VF	Universal female elbow	
VD	Double universal male elbow	
VT	VT Triple universal male elbow	
Z	Branch universal male elbow	
ZD	Double branch universal male elbow	
ZT	Triple branch universal male elbow	
W	Extended male elbow	
Т	Male branch tee	
Υ	Male run tee	
U	Branch "Y"	

Port size Symbol Size 33 NPT1/16 34 NPT1/8 Thread NPT1/4 35 connection NPT3/8 36 37 NPT1/2

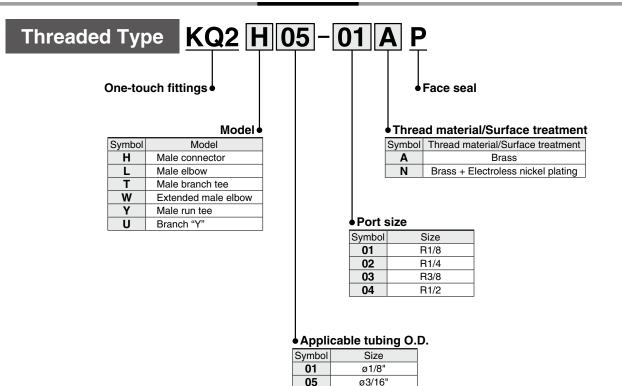
# Applicable tubing O.D.

1.1.	· · · · · · · · · · · · · · · · · · ·
Symbol	Size
01	ø1/8"
03	ø5/32"
05	ø3/16"
07	ø1/4"
09	ø5/16"
11	ø3/8"
13	ø1/2"

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Applicable Tubing: Inch Size, Connection Thread: R

# **How to Order**



07

09

11

13

ø1/4"

ø5/16"

ø3/8"

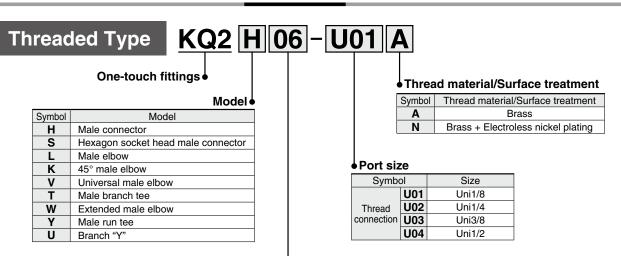
ø1/2"

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.

Gasket Seal

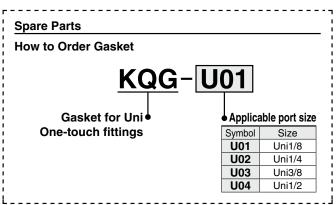
Applicable Tubing: Metric Size, Connection Thread: Rc, G, NPT, NPTF

# **How to Order**



Symbol	Size
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.



Inch Size UNF, NPT | Metric Size M,

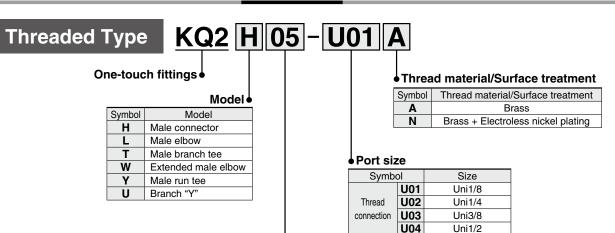
Sealant/Gasket Seal æ

Inch Size M, R, Metric Size G

Inch Size NPT | Metric Size R, Rc

Size Inch (

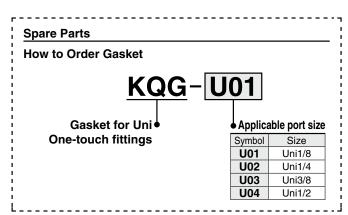
Metric Size Uni Gasket Seal



Symbol 01 ø1/8" ø5/32" 03 05 ø3/16" 07 ø1/4" 09 ø5/16" 11 ø3/8" 13 ø1/2"

Applicable tubing O.D.

For details on applicable tubing O.D. and port size combinations for each model, refer to the charts on the Dimensions page.



Inch Size UNF, NPT | Metric Size M,

Sealant/Gasket Seal

æ Inch Size M, R,

Metric Size G 8 Inch Size NPT | Metric Size R,

Face Seal

Size Inch (

Metric Size Uni Gasket Seal