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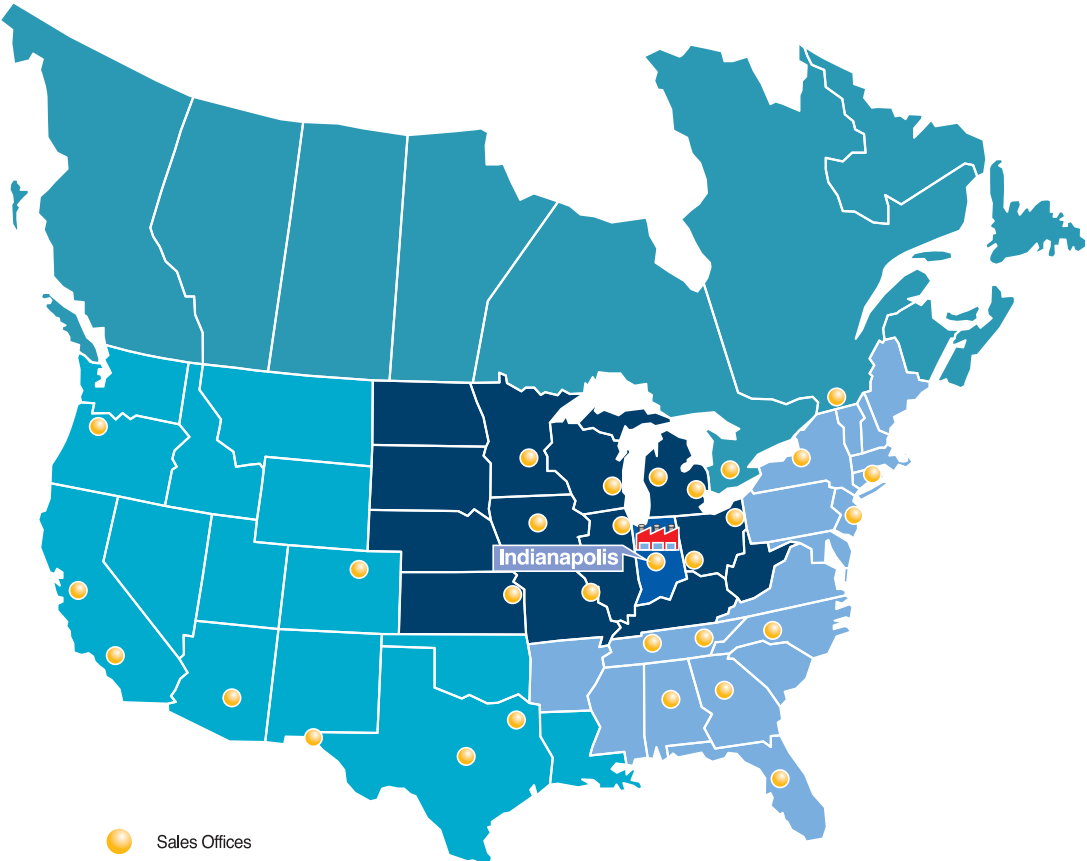
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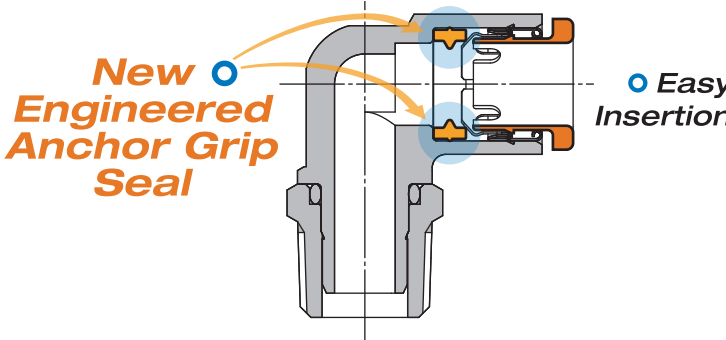
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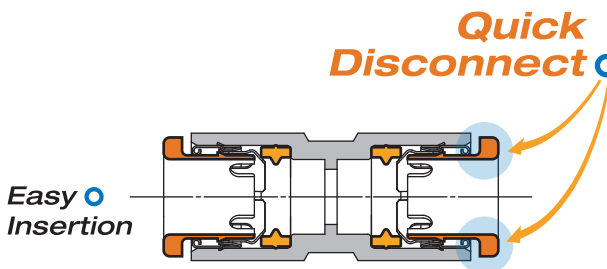
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AP RRD 2.5M

series KQ2



Same Strong Hold



Move Forward with
AUTOMATION
CONTROLS
PROCESS



NF288 A

series KQ2

How to Order

KQ2 H 07 - 34 A S

Model	
H	Male Connector
S	Hexagon Socket Head Male Connector
F	Female Union
L	Male Elbow
K	45 Degree Male Elbow
V	Universal Female 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
	Male Branch Tee
T	Union Tee
	Different Diameter Tee
Y	Male Run Tee
	Branch "Y"
U	Union "Y"
	Plug in "Y"
	Different Diameter Union "Y"
X	Different Diameter Plug In "Y"
E	Bulkhead Union
	Bulkhead Connector
LE	Bulkhead Union Elbow
N	Nipple

Tube O.D.	
01	1/8"
03	5/32"
05	3/16"
07	1/4"
09	5/16"
11	3/8"
13	1/2"

Applicable Thread Type	
32	10-32UNF
33	NPT 1/16
34	NPT 1/8
35	NPT 1/4
36	NPT 3/8
37	NPT 1/2
*00	Same Diameter Tubing

Thread Material/Plating	
A	Brass (compatible with KQE)
N	Electroless Nickel Plated Brass compatible to KQE-X2
J	Comparable to the former KJE (Bulkhead Union only)
Thread Sealing Method	
S	With Thread Seal (not available with male thread)



KQ2 H 05 - 00 A

Model	
H	Straight Union
	Different Diameter Straight
	Elbow
L	Plug-in Elbow
	Reducer Elbow
R	Plug-in Reducer
	Male Branch Tee
T	Union Tee
	Different Diameter Tee
TW	Cross Union
	Branch "Y"
U	Union "Y"
	Plug in "Y"
	Different Diameter Union "Y"

Tube O.D.	
01	1/8"
03	5/32"
05	3/16"
07	1/4"
09	5/16"
11	3/8"
13	1/2"

Applicable Tubing O.D.	
00	Same Diameter Tubing
99	Same Diameter Rod
01	NPT 1/8
03	NPT 5/32
05	NPT 3/16
07	NPT 1/4
09	NPT 5/16
11	NPT 3/8
13	NPT 1/2

Thread Material/Plating	
A	Brass (compatible with KQE)
Accessories	
KQ2N	Nipple
	Different Diameter Nipple
KQ2C	Adapter Nipple
	Tube Cap
KQ2P	Color Cap
	Plug



Inch Size One-Touch Fittings

Applicable Tubing-Inch, Thread-UNF, NPT



KQ2C

Tube Cap

Use to plug unused tubing.

Applicable tube O.D. [inch]	Model
5/32	KQ2C01-00A
1/4	KQ2C07-00A
5/16	KQ2C09-00A
3/8	KQ2C11-00A

KQ2E

Bulkhead Union

Use to connect tubing through a panel, etc.

Applicable tube O.D. [inch]	Model
1/8	KQ2E01-00□ KQ2E01-00□J*
5/32	KQ2E03-00□ KQ2E03-00□J*
3/16	KQ2E05-00□ KQ2E07-00□ KQ2E07-00□J*
1/4	KQ2E09-00□ KQ2E11-00□ KQ2E13-00□

*Interchangeable with KJ

KQ2LE

Bulkhead Male Elbow

Use to connect tubing through a panel, etc. and to change the tube direction by 90°.

Applicable tube O.D. [inch]	Model
1/8	KQ2LE-01 00□
5/32	KQ2LE-03 00□
3/16	KQ2LE-05 00□
1/4	KQ2LE-07 00□
5/16	KQ2LE-09 00□
3/8	KQ2LE-11 00□
1/2	KQ2LE-13 00□

KQ2E

Bulkhead Connector

Use to connect male thread and tubing through a panel, etc.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	1/4	KQ2E01-35□
5/32	1/4	KQ2E03-35□
3/16	1/8	KQ2E05-34□
1/4	1/4	KQ2E07-35□
5/16	3/8	KQ2E09-36□
3/8	3/8	KQ2E11-36□
1/2	1/2	KQ2E13-37□

KQ2F

Female Connector

Use to pipe a male thread of a pressure gauge, etc.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32UNF 1/4	KQ2F01-32□ KQ2F01-34□
5/32	10-32UNF 1/8	KQ2F03-32□ KQ2F03-34□
1/4	10-32UNF 1/4	KQ2F07-32□ KQ2F07-34□
5/16	1/4 3/8	KQ2F09-34□ KQ2F09-36□
3/8	1/2 3/8	KQ2F11-37□ KQ2F13-36□
1/2	1/2	KQ2F13-37□

KQ2H

Straight Union

Use to connect tubing in the same direction.

Applicable tube O.D. [inch]	Model
1/8	KQ2H01-00A
5/32	KQ2H03-00A
3/16	KQ2H05-00A
1/4	KQ2H07-00A
5/16	KQ2H09-00A
3/8	KQ2H11-00A
1/2	KQ2H13-00A

KQ2H

Male Connector

Use to pipe a female thread. Most general model.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/16 1/8 1/4	KQ2H01-32□ KQ2H01-33□S KQ2H01-34□S KQ2H01-35□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2H03-32□ KQ2H03-33□S KQ2H03-34□S KQ2H03-35□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2H05-32□ KQ2H05-34□S KQ2H05-35□S KQ2H07-32□
1/4	10-32 UNF 1/16 1/8 1/4	KQ2H07-33□S KQ2H07-34□S KQ2H07-35□S KQ2H07-36□S
5/16	1/4 3/8	KQ2H09-34□S KQ2H09-35□S KQ2H09-36□S KQ2H11-34□S
3/8	1/2 3/8	KQ2H11-35□S KQ2H11-36□S KQ2H13-36□S KQ2H13-37□S
1/2	1/2	KQ2H13-37□S

KQ2H

Different Diameter Straight

Use to connect tubing of different sizes.

Applicable tube O.D. [inch]	Model
1/8	5/32 KQ2H01-03A 1/4 KQ2H01-07A 3/16 KQ2H03-05A 1/4 KQ2H03-07A 5/16 KQ2H07-09A 3/8 KQ2H09-11A 1/2 KQ2H09-13A 3/8 KQ2H11-13A

KQ2S

Hexagon Socket Head Male Connector

Internal hexagon socket allows tightening with a hexagon wrench in confined spaces.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 10-32 UNF 1/16 1/8	KQ2S01-32□ KQ2S03-32□ KQ2S03-33□S KQ2S03-34□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2S05-34□S KQ2S07-32□ KQ2S07-33□S KQ2S07-34□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2S07-35□S KQ2S07-36□S KQ2S09-34□S KQ2S09-35□S
1/4	10-32 UNF 1/16 1/8 1/4	KQ2S09-36□S KQ2S11-34□S KQ2S11-35□S KQ2S11-36□S
5/16	1/2 3/8 1/4 1/2	KQ2S11-37□S KQ2S13-35□S KQ2S13-36□S KQ2S13-37□S
3/8	1/2	KQ2S13-37□S
1/2	1/2	KQ2S13-37□S

KQ2K

45° Male Elbow

Use to pipe a female thread at a 45° angle. Model in between male connector and male elbow.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/16 1/8 1/4	KQ2K01-32□ KQ2K01-34□S KQ2K01-35□S KQ2K03-32□
5/32	10-32 UNF 1/16 1/8 1/4	KQ2K03-33□S KQ2K03-34□S KQ2K05-34□S KQ2K07-32□
3/16	10-32 UNF 1/16 1/8 1/4	KQ2K07-33□S KQ2K07-34□S KQ2K07-35□S KQ2K07-36□S
1/4	1/4 3/8 1/8 1/4	KQ2K09-34□S KQ2K09-35□S KQ2K09-36□S KQ2K11-34□S
5/16	1/2 3/8 1/4 1/2	KQ2K11-35□S KQ2K11-36□S KQ2K13-36□S KQ2K13-37□S
3/8	1/2	KQ2K13-37□S
1/2	1/2	KQ2K13-37□S

KQ2L

Reducer Elbow

Use to change the tube direction from One-touch fittings by 90° and to reduce size.

Applicable tube O.D. [inch]	Applicable Fitting Size	Model
1/8	5/32 3/16 1/4	KQ2L01-03A KQ2L01-05A KQ2L01-07A
5/32	3/16 1/4 5/16	KQ2L03-05A KQ2L03-07A KQ2L05-09A
3/16	1/4 5/16 3/8	KQ2L05-09A KQ2L07-11A KQ2L09-13A
1/4	3/8 1/2 1/2	KQ2L09-13A KQ2L11-13A KQ2L11-13A

KQ2L

Male Elbow

Use to pipe a female thread at right angles. Most general model.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 10-32 UNF 1/16 1/8	KQ2L01-32□ KQ2L01-33□S KQ2L01-34□S KQ2L01-35□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2L03-32□ KQ2L03-33□S KQ2L03-34□S KQ2L03-35□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2L05-34□S KQ2L05-35□S KQ2L07-34□S KQ2L07-35□S
1/4	10-32 UNF 1/16 1/8 1/4	KQ2L07-36□S KQ2L09-34□S KQ2L09-35□S KQ2L11-34□S
5/16	1/2 3/8 1/4 1/2	KQ2L11-35□S KQ2L11-36□S KQ2L13-36□S KQ2L13-37□S
3/8	1/2	KQ2L13-37□S
1/2	1/2	KQ2L13-37□S

KQ2L

Union Elbow

Use to connect tubing at right angles.

Applicable tube O.D. [inch]	Model
1/8	KQ2L01-00A
5/32	KQ2L03-00A
3/16	KQ2L05-00A
1/4	KQ2L07-00A
5/16	KQ2L09-00A
3/8	KQ2L11-00A
1/2	KQ2L13-00A

KQ2L

Plug-in Elbow

Use to change the tube direction from One-touch fittings by 90°.

Applicable tube O.D. [inch]	Model
1/8	KQ2L01-99A
5/32	KQ2L03-99A
3/16	KQ2L05-99A
1/4	KQ2L07-99A
5/16	KQ2L09-99A
3/8	KQ2L11-99A
1/2	KQ2L13-99A

KQ2LF

Female Elbow

Use to pipe a male thread at right angles.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	1/8 1/4	KQ2LF01-34□ KQ2LF01-35□S
5/32	1/8 1/4	KQ2LF03-34□ KQ2LF03-35□S
3/16	1/8 1/4	KQ2LF07-34□ KQ2LF07-35□S
1/4	1/4 3/8	KQ2LF11-34□ KQ2LF11-35□S
5/16	3/8 1/2	KQ2LF13-36□ KQ2LF13-37□S

KQ2W

Extended Male Elbow

Use with male elbow for fittings to avoid interfering with each other by making the piping multi-level.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/16 1/8 1/4	KQ2W01-32□ KQ2W01-33□S KQ2W01-34□S KQ2W01-35□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2W03-32□ KQ2W03-33□S KQ2W03-34□S KQ2W03-35□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2W05-34□S KQ2W05-35□S KQ2W07-32□ KQ2W07-33□S
1/4	10-32 UNF 1/16 1/8 1/4	KQ2W07-34□S KQ2W07-35□S KQ2W07-36□S KQ2W09-34□S
5/16	1/2 3/8 1/4 1/2	KQ2W09-35□S KQ2W09-36□S KQ2W11-35□S KQ2W11-36□S
3/8	1/2	KQ2W11-36□S
1/2	1/2	KQ2W13-37□S

KQ2R

Plug-in Reducer

Use to change size of One-touch fittings.

Applicable tube O.D. [inch]	Applicable Fitting Size	Model
1/8	5/32 3/16 1/4	KQ2R01-03A KQ2R01-05A KQ2R01-07A
5/32	3/16 1/4 5/16	KQ2R03-05A KQ2R03-07A KQ2R05-09A
3/16	1/4 5/16 3/8	KQ2R07-09A KQ2R07-11A KQ2R09-11A
1/4	3/8 1/2 1/2	KQ2R09-13A KQ2R11-13A KQ2R11-13A

KQ2N

Nipple

Use to connect One-touch fittings.

Applicable tube O.D. [inch]	Model
1/8	KQ2N01-99
3/16	KQ2N05-99
1/4	KQ2N07-99
3/8	KQ2N11-99
1/2	KQ2N13-99

KQ2N

Reducer Nipple

Use to connect One-touch fittings of different sizes.

Applicable Fitting	Model
A 5/32 B 1/16	KQ2N01-03
5/32 3/16	KQ2N03-05
5/32 1/4	KQ2N03-07
3/16 1/4	KQ2N05-07
1/4 5/16	KQ2N05-09
5/16 3/8	KQ2N07-09
1/2 3/8	KQ2N07-11
3/8 1/2	KQ2N09-13
1/2 3/8	KQ2N11-13

KQ2P

Plug

Use to plug unused One-touch fittings

Applicable tube O.D. [inch]	Model
1/8	KQ2P-01
5/32	KQ2P-03
3/16	KQ2P-05
1/4	KQ2P-07
5/16	KQ2P-09
3/8	KQ2P-11
1/2	KQ2P-13

KQ2T

Different Diameter Tee

Use to connect tubing for branching at 90° angle with size reduced from the same piping.

Applicable tube O.D. [inch]	Model
1/8	5/32 KQ2T01-03A 1/4 KQ2T01-07A 3/16 KQ2T03-05A 1/4 KQ2T03-07A 3/16 KQ2T05-07A 1/4 KQ2T07-11A 5/16 KQ2T09-11A 3/8 KQ2T11-13A

KQ2T

Union Tee

Use to branch tubing at both 90° angles.

Applicable tube O.D. [inch]	Model
1/8	KQ2T01-00A
5/32	KQ2T03-00A
3/16	KQ2T05-00A
1/4	KQ2T07-00A
5/16	KQ2T09-00A
3/8	KQ2T11-00A
1/2	KQ2T13-00A

KQ2T

Male Branch Tee

Use to branch a female thread at both 90° angles.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/16 1/8 1/4	KQ2T01-32□ KQ2T01-33□S KQ2T01-34□S KQ2T01-35□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2T03-32□ KQ2T03-33□S KQ2T03-34□S KQ2T03-35□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2T05-34□S KQ2T05-35□S KQ2T07-32□ KQ2T07-33□S
1/4	10-32 UNF 1/16 1/8 1/4	KQ2T07-34□S KQ2T07-35□S KQ2T09-34□S KQ2T09-35□S
5/16	1/2 3/8 1/4 1/2	KQ2T09-36□S KQ2T11-34□S KQ2T11-35□S KQ2T11-36□S
3/8	1/2	KQ2T11-36□S
1/2	1/2	KQ2T13-37□S

KQ2U

Union "Y"

Use to branch tubing in the same direction

Applicable tube O.D. [inch]	Model
1/8	5/32 KQ2U01-00A 3/16 KQ2U03-00A 1/4 KQ2U05-00A
5/32	3/16 KQ2U03-05A 1/4 KQ2R03-07A 5/16 KQ2R05-09A
3/16	1/4 KQ2R07-09A 5/16 KQ2R07-11A 3/8 KQ2R09-11A 1/2 KQ2R09-13A 3/8 KQ2R11-13A

KQ2TW

Cross

Use to four-branch line.

Applicable tube O.D. [inch]	Model
5/32	KQ2TW03-00A
1/4	KQ2TW07-00A
5/16	KQ2TW09-00A
3/8	KQ2TW11-00A
1/2	KQ2TW13-00A

KQ2U

Plug-in "Y"

Use to branch One-touch fittings.

Applicable tube O.D. [inch]	Model
1/8	KQ2U01-99A
5/32	KQ2U03-99A
3/16	KQ2U05-99A
1/4	KQ2U07-99A
5/16	KQ2U09-99A
3/8	KQ2U11-99A

KQ2U

Different Diameter Union "Y"

Use to connect tubing for branching with size reduced

Applicable tube O.D. [inch]	Model
1/8	5/32 KQ2U01-03A 1/4 KQ2U01-07A 3/16 KQ2U03-05A 1/4 KQ2U03-07A 5/16 KQ2U05-07A 3/8 KQ2U07-11A 5/16 KQ2U09-11A 3/8 KQ2U11-13A

KQ2U

Branch "Y"

Use to branch a female thread.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/16 1/8 1/4	KQ2U01-32□ KQ2U01-33□S KQ2U01-34□S KQ2U01-35□S
5/32	10-32 UNF 1/16 1/8 1/4	KQ2U03-32□ KQ2U03-33□S KQ2U03-34□S KQ2U03-35□S
3/16	10-32 UNF 1/16 1/8 1/4	KQ2U05-34□S KQ2U05-35□S KQ2U07-32□ KQ2U07-33□S
1/4	10-32 UNF 1/16 1/8 1/4	KQ2U07-34□S KQ2U07-35□S KQ2U09-34□S KQ2U09-35□S
5/16	1/2 3/8 1/4 1/2	KQ2U09-36□S KQ2Y11-35□S KQ2Y11-36□S KQ2Y11-37□S
3/8	1/2	KQ2Y11-37□S
1/2	1/2	KQ2Y13-35□S KQ2Y13-36□S KQ2Y13-37□S

KQ2U

Plug-in "Y"

Use to branch One-touch fittings.

Applicable tube O.D. [inch]	Model
1/8	KQ2U01-99A
5/32	KQ2U03-99A
3/16	KQ2U05-99A
1/4	KQ2U07-99A
5/16	KQ2U09-99A
3/8	KQ2U11-99A

KQ2V

Different Diameter Plug-in "Y"

Use to branch One-touch fittings with size reduced.

Applicable tube O.D. [inch]	Applicable fitting size	Model
1/8	5/32 3/16 1/4	KQ2X01-03A KQ2X03-05A KQ2X03-07A
5/32	3/16 1/4 5/16	KQ2X05-07A KQ2X07-11A KQ2X09-11A
3/16	1/4 5/16 3/8	KQ2X09-13A KQ2X11-13A KQ2X11-13A

KQ2V

Universal Male Elbow

Hexagon head of the body allows tightening with a hex wrench in confined spaces.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/8 1/4	KQ2V01-32□ KQ2V01-34□S KQ2V03-34□S
5/32	10-32 UNF 1/8 1/4	KQ2V03-35□S KQ2V07-32□ KQ2V07-34□S
3/16	10-32 UNF 1/8 1/4	KQ2V07-35□S KQ2V09-34□S KQ2V09-35□S
1/4	1/4 3/8 3/8	KQ2V09-36□S KQ2V11-35□S KQ2V11-36□S
5/16	1/2 3/8 1/2	KQ2V11-37□S KQ2V13-36□S KQ2V13-37□S

KQ2VD

Double Universal Male Elbow

Use to branch a female thread at right angles. Two individual parts rotate 360°.

Applicable tube O.D. [inch]	Connecting Thread	Model
1/8	10-32 UNF 1/8 1/4	KQ2VD01-32□ KQ2VD01-34□S KQ2VD03-34□S
5/32	10-32 UNF 1/8 1/4	KQ2VD03-35□S KQ2VD07-32□ KQ2VD07-34□S