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Leading global pneumatics and industrial automation components manufacturer dedicated to sustainable factory automation.

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- 532 Sales Offices in 83 Countries
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- Sensors & Switches
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- 2.6m sqft US headquarters of **Engineering, Production, Central Distribution and Administrative**

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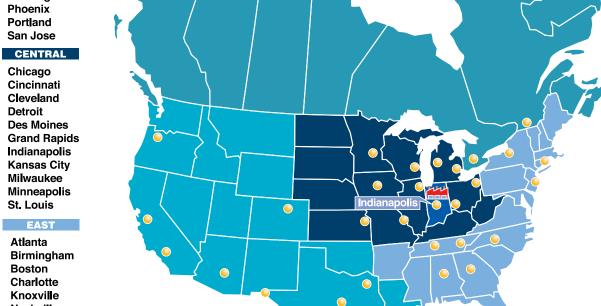
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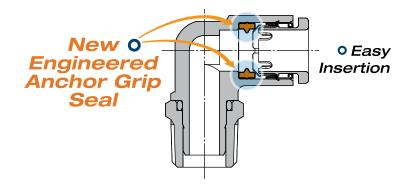
Production/Distribution Center

Sales Offices

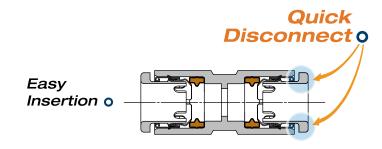
SMC Automation (Canada) Ltd.

(800) SMC.SMC1 (762-7621) è-mail: sales@smcusa.com International inquiries: www.smcworld.com





Same Strong Hold



with

Forward

Move

Move

Forward

with



How to Order

KQ2 H 06-01 A S

Tube O.D.

♣ Applicable Thread Type

Tubing Connection 00 Same Diameter Tubing * M3 M3 x 0.5 M5 M5 x 0.8 M6 M6 x 1.0 ubing Connection 01 R1/8, Rc1/8 Only for Bulkhead Union and Bulkhead Male Elbow

Thread Material/Plating

Stainless Steel 303 (Connection Thread/Onl Male Thread and M3)

♦ Thread Sealing Method

KQ2 H 06-00 A

Model

L Male Elbow

LU Male Branch Connector
K 45 Degree Male Elbow

V Universal Male Elbow

VF Universal Female Elbow

H Male Connector
S Hexagon Socket Head Male Connector

VS Hexagon Socket Head Universal Male Elbow

Triple Universal Male Elbow

Branch Universal Male Elbow

Branch Universal Male Elbow Double Branch Universal Male Elbow

ZT Triple Branch Universal Male Elbow

Extended Male Elbow

UD Delta Branch

E Bulkhead Union & Connector

Bulkhead Male Elbow

T Male Branch Tee Y Male Run Tee

D Male Delta Union

U Branch "Y"

Model Straight Union Different Diameter Straight L Union Elbow Plug-in Elbow LU Branch Enion Elbow W Extended Plug-in Elbow T Union Tee Different Diameter Tee Different Diameter Cross TY Different Diameter Cross D Delta Union

U Plug-In "Y" Different Diameter Union "Y" **UD** Different Diameter Double Union "Y" X Different Diameter Plug-in "Y"
R Plug-in Reducer

XD Double Plug-in "Y"

→ Tube O.D. **02** ø2

Applicable Tubing O.D.

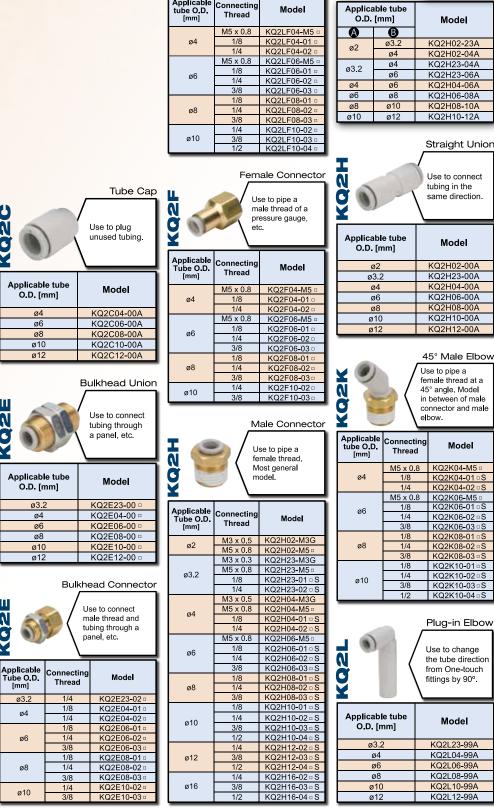
ø3.2 Tubing (Reducer) ø10

NF277 (A)

and Information Complete

.smc

www.smcusa Information: $\overline{\mathbb{C}}$ For



Use to pipe a male thread at right angles.



Use to change the tube direction from

Union Elbow

ã

Use to connect

Use to connect

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

Applicable tube O.D. [mm]

by 90° and to reduce size.

KQ2L04-00A			ø6		KQ2P-06					
KQ2L06-00A			ø8		KQ2P-08					
	KQ2L08-00A		ø10		KQ2P-10					
	KQ2L10-00A		910		NQZI - IU					
	KQ2L12-00A									
	Male Elbow		er 6	Plu	g-in Reducer	ı				
Į į	Use to pipe a female thread at right angles, Most general model.		KQ2R	🚺 🕻 si	se to change ze of One-touch tings.					
nectin	g Model	ı	Applicable tube O.D. [mm]	Applicable Fitting Size	Model	l				
			ø2	ø4	KQ2R02-04A					
3 x 0.5	KQ2L02-M3G		03.7		KQ2R23-04A	ı				
5 x 0.8	KQ2L02-M5 =		50.2	ø6	KQ2R23-06A					
3 x0.5 5 x0.8	KQ2L23-M3G			ø6	KQ2R04-06A	ı				
5 XU.8 1/8	KQ2L23-M5 D KQ2L23-01 DS		ø4	ø8	KQ2R04-08A					
1/4	KQ2L23-01 S			ø10	KQ2R04-10A	ı				
3 v 0.5	KQ2L23-02 S			ø4	KQ2R06-04A	ı				
5 x 0.8	KQ2L04-M3G			ø8	KQ2R06-08A					
1/8	KQ2L04-M3 B		ø6	ø10	KQ2R06-10A	ı				
1/4	KQ2L04-01 BS			ø12	KQ2R06-12A					
5 x 0.8	KQ2L04-02 BS		-0	ø10	KQ2R08-10A	ı				
1/8	KQ2L06-01 g		ø8	ø12	KQ2R08-12A					
1/4	KQ2L06-02 - S			ø12	KQ2R10-12A	ı				
3/8	KQ2L06-03 = S		ø10	ø16	KQ2R10-16A	ı				
1/8	KQ2L08-01 a S		ø12	ø16	KQ2R12-16A	ı				
1/4	KQ2L08-02 - S		W12	\$10	NGZINIZ-10A	ı				
3/8	KQ2L08-03 = S									
1/8	KQ2L10-01 pS			He	xagon Socket					
1/4	KQ2L10-02 □ S				ale Connector					

O.D. [mm]

Applicable tube O.D. [mm]

ø2 ø3.2

KQ2N08-99

plug unused One-touch fittings.

$\overline{}$		ı	G 🥼	bo	th 90° angles.	П	Ø
able Size	Model		Applicable tube O.D.	Connecting Thread	Model	ı	ø1 ø1
	KQ2R02-04A		[mm]				
	KQ2R23-04A		ø2	M3 x 0.5	KQ2T02-M3G		
	KQ2R23-06A		- 02	M5 x 0.8	KQ2T02-M5 =		5
	KQ2R04-06A			M3 x 0.5	KQ2T23-M3G		סמו
	KQ2R04-08A		ø3.2	M5 x 0.8	KQ2T23-M5 =		W
)	KQ2R04-10A			1/8	KQ2T23-01 S		G
	KQ2R06-04A			1/4	KQ2T23-02 S		
	KQ2R06-08A			M3 x 0.5 M5 x 0.8	KQ2T04-M3G		1
)	KQ2R06-10A		ø4	1/8	KQ2T04-M5 = KQ2T04-01 = S		A
2	KQ2R06-12A			1/4	KQ2T04-0103		App
)	KQ2R08-10A			M5 x 0.8	KQ2T04-0203		[r
	KQ2R08-12A			1/8	KQ2T06-01 - S		
2	KQ2R10-12A		ø6	1/4	KQ2T06-02 S		ø
3	KQ2R10-16A			3/8	KQ2T06-03 S		_
3	KQ2R12-16A			1/8	KQ2T08-01 S		
,	NQZINIZ-10A		ø8	1/4	KQ2T08-02 - S		
				3/8	KQ2T08-03 □ S		
Hex	kagon Socket			1/8	KQ2T10-01 - S		
d Ma	le Connector		ø10	1/4	KQ2T10-02 - S		
$\overline{}$			010	3/8	KQ2T10-03 □ S		
	rnal hexagon			1/2	KQ2T10-04 □ S		
	ket allows			1/4	KQ2T12-02 B		
	tening with a		ø12	3/8	KQ2T12-03 □ S		
	agon wrench in fined spaces.			1/2	KQ2T12-04 a S		
\ "	ппси эрасез.			1/4	KQ2T16-02 B		
$\overline{}$			ø16	3/8	KQ2T16-03 □ S		Q
				1/2	KQ2T16-04 □ S		

Applicable tub O.D. [mm]

tubing for branching at 90° angle with size reduced from the

Use to branch

Male Branch Tee

Use to branch a female thread at

tubing at both 90° angles.

Ä

O.D. [mm]

Applicable tube O.D. [mm]

Applicable tube O.D. [mm]

Run Branch

Applicable tube O.D. [mm]

KQ21

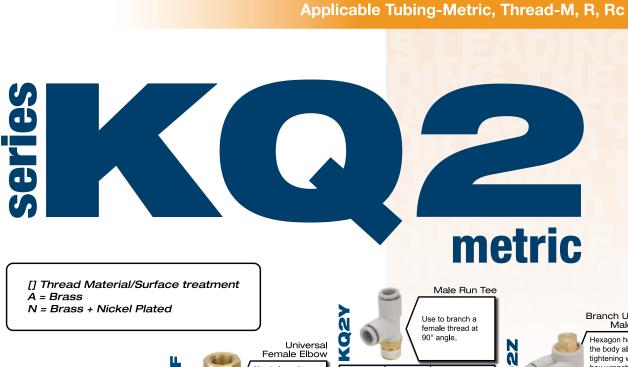
Use to branch

Use to connect tubing for

Use to branch a female thread.

KQ2T23-02 S KQ2T04-M3G		· \					
KQ2T04-M5 =		_					
KQ2T04-01 □ S	Applicable	Connecting					
KQ2T04-02 - S	tube O.D.	Thread	Model				
KQ2T06-M5 □	[mm]	IIIIeau					
KQ2T06-01 □ S		M5 x 0.8	KQ2U23-M5 a				
KQ2T06-02 S	ø3.2	1/8	KQ2U23-01 = S				
KQ2T06-03 □ S		1/4	KQ2U23-02 S				
KQ2T08-01 a S		M5 x 0.8	KQ2U04-M5 =				
KQ2T08-02 - S	ø4	1/8	KQ2U04-01 s				
KQ2T08-03 □ S		1/4	KQ2U04-02 S				
KQ2T10-01 - S		M5 x 0.8	KQ2U06-M5 =				
KQ2T10-02 - S	ø6	1/8	KQ2U06-01 S				
KQ2T10-03 □ S	00	1/4	KQ2U06-02=S				
KQ2T10-04 - S		3/8	KQ2U06-03 ⁻ S				
KQ2T12-02 □ S		1/8	KQ2U08-01¤S				
KQ2T12-03 □ S	ø8	1/4	KQ2U08-02 ^a S				
KQ2T12-04 a S		3/8	KQ2U08-03¤S				
KQ2T16-02 S		1/4	KQ2U10-02 ⁻ S				
KQ2T16-03 □ S	ø10	3/8	KQ2U10-03 ₉ S				
KQ2T16-04 a S		1/2	KQ2U10-04 B				
Cross Plug-in "Y"							

╝		1/2	KQ2U10-04□S
ss	-5	2	Plug-in "Y"
	(Q2U	PO 1	se to branch ne-touch fittings.
ı	Ž	_	
	Applicable tube O.D.	Applicable Fitting Size	Model
	Applicable tube O.D.	Fitting	Model KQ2U23-99A
	Applicable tube O.D. [mm]	Fitting Size	
	Applicable tube O.D. [mm]	Fitting Size ø3.2	KQ2U23-99A
	Applicable tube O.D. [mm]	Fitting Size Ø3.2 Ø4	KQ2U23-99A KQ2U04-99A



Metric Size One-Touch Fittings

V =	Brass +	Nickel Plate	A L	m th	Universal Female Elbow se to branch a ale or female read at a 90° igle. Multiple		Applicable tube O.D. [mm]	(fer	e to branch a male thread at ° angle. Model	7603		He the tight box	anch Un Male xagon hea body allo htening wit x wrench. I branch nnections.
					onnections	ш	ø2	M5 x 0.8	KQ2Y02-M5 =	l D			
		Dalta Danada) po	ossible.	ш		M5 x 0.8	KQ2Y23-M5 a	1	Applicable tube O.D.	Connecting	Mod
(98)	<u> </u>	Delta Branch					ø3.2	1/8	KQ2Y23-01 □ S	ш	[mm]	Thread	
		- 1	Annlicable	Connecting		1		1/4	KQ2Y23-02 □ S	ı		M5 x 0.8	KQ2Z04
		- 1	tube O.D.		Model	ш		M5 x 0.8	KQ2Y04-M5 =	ш	ø4	1/8	KQ2Z04
2/	/ Us	se to four-branch	[mm]	Thread		ш	ø4	1/8	KQ2Y04-01 □ S	l		1/8	KQ2Z06
0.0	a	female thread.		M5 x 0.8	KQ2VF04-M5	ш		1/4	KQ2Y04-02 = S	ш	ø6	1/4	KQ2Z06-
60	> \	- 1	ø4	1/8	KQ2VF04-01 S	ш		M5 x 0.8	KQ2Y06-M5 a	ш	~~	3/8	KQ2Z06
-	1	- 1		M5 x 0.8	KQ2VF06-M5 =	ш	ø6	1/8	KQ2Y06-01□S	ı		1/8	KQ2Z08-
_			ø6	1/8	KQ2VF06-01 S	ш	20	1/4	KQ2Y06-02 - S	ш	ø8	1/4	KQ2Z08
able	Connecting		~ ~	1/4	KQ2VF06-02 S	ш		3/8	KQ2Y06-03□S	ш	60	3/8	KQ2Z08-
D.	Thread	Model		1/8	KQ2VF08-01 S	ш		1/8	KQ2Y08-01 S	ı		1/4	KQ2Z10-
[ו	IIIIeau		ø8	1/4	KQ2VF08-02 S	ш	ø8	1/4	KQ2Y08-02 S	ш	ø10	3/8	KQ2Z10-
	1/8	KQ2UD04-01 = S	50	3/8	KQ2VF08-03 S	ш		3/8	KQ2Y08-03 S	١.		0/0	NQZZ 10
ı	1/4	KQ2UD04-02 S		1/4	KQ2VF10-02 S	ш		1/8	KQ2Y10-01 B				
	1/8	KQ2UD06-01 - S	ø10	3/8	KQ2VF10-03=S	ш	ø10	1/4	KQ2Y10-02 - S				Double E
	1/4	KQ2UD06-02 S		5/0	11.02211 10 00 0		210	3/8	KQ2Y10-03 - S		•	Univers	al Male
				He	exagon Socket			1/2	KQ2Y10-04□S			Us	e to four-b

UD04-01	ø10	3/8 1/4 3/8	KQ2VF08-03 S KQ2VF10-02 S KQ2VF10-03 S		ø10	1/8 1/4 3/8 1/2	KQ2Y10-01 S KQ2Y10-02 S KQ2Y10-03 S KQ2Y10-04 S				Double Branch al Male Elbow
ale Elbow head of allows g with a hich in spaces.	GZVS	Head Or tig	exagon Socket Universal Male exagon socket the top allows thening with a exagon wrench confined		0	Us for int ott	ed Male Elbow se with male elbow fittings to avoid erferring with each ner by making the	KQ2Z	plicable	a for rig	e to four-branch emale thread at ht angles. o individual rts rotate 360°
Model	Applicable tube O.D.	Connecting	Model	Į	1	Connecting	oing multi-level.	Lui	[mm]	Thread	KQ2ZD04-01=S
	[mm]	Thread		't	tube O.D. [mm]	Thread	Model		ø4	1/4 3/8	KQ2ZD04-02 S KQ2ZD04-03 S
2V04-M5 =	ø4	M5 x 0.8	KQ2VS04-M5	4 6	ø2	M5 x 0.8	KQ2W02-M5		~6	1/8	KQ2ZD06-01=S

_		ı	Y	sp	aces.	ı	Ž (pi _l	oing multi-level.	Ш	tube O.D. [mm]	Thread	M
ting id	Model	l	Applicable tube O.D. [mm]	Connecting Thread	Model	l	Applicable tube O.D.	Connecting Thread	Model	İ	ø4	1/8 1/4 3/8	KQ2ZE KQ2ZE
8.0	KQ2V04-M5 =		-4	M5 x 0.8	KQ2VS04-M5			MEO.O	KO0M00 M5-			1/8	KQ2ZE
	KQ2V04-01 S		ø4	1/8	KQ2VS04-01 aS		ø2	M5 x 0.8	KQ2W02-M5	ш	ø6	1/4	KQ2ZE
0.8	KQ2V06-M5 =			M5 x 0.8	KQ2VS06-M5 =		ø3.2	M5 x 0.8	KQ2W23-M5			3/8	KQ2ZE
	KQ2V06-01 S		ø6	1/8	KQ2VS06-01 S		Ø5.2	1/8	KQ2W23-01 = S	ш		1/8	KQ2ZE
	KQ2V06-02 ^a S			1/4	KQ2VS06-02 S			1/4	KQ2W23-02 - S	ш		1/4	KQ2ZE
	KQ2V08-01 S			1/8	KQ2VS08-01 a S		ø4	M5 x 0.8	KQ2W04-M5	ш	ø8	3/8	KQ2ZD
	KQ2V08-02 ^a S		ø8	1/4	KQ2VS08-02 S		94	1/8	KQ2W04-01 - S	ш		1/2	KQ2ZE
	KQ2V08-03 S			3/8	KQ2VS08-03 S			1/4	KQ2W04-02 - S			1/4	KQ2ZE
	KQ2V10-02 ^a S		40	1/4	KQ2VS10-02 B			M5 x 0.8	KQ2W06-M5=	ш	ø10	3/8	KQ2ZE
	KQ2V10-03 S		ø10	3/8	KQ2VS10-03 S		ø6	1/8	KQ2W06-01 - S	ш		1/2	KQ2ZE
								1/4	KQ2W06-02 - S	١.			
								3/8	KQ2W06-03 - S				
Do	uble Universal			7	Triple Universal			1/8	KQ2W08-01 - S			Triple Bra	anch L
	Male Elbow				Male Elbow		ø8	1/4	KQ2W08-02 B	lь	_ 4		Mal
$\overline{}$			- 4					3/8	KQ2W08-03 - S	L.	-418	=	
Us	se to branch a		●	/ Us	se to three-branch	ı		1/4	KQ2W10-02□S		(0)		e to six-
	and a shunand as			/ fa.	and a shunned as		a10	1/0	KO3W40 03 - C	1 2	10700		

right angles. Two individual parts rotate 360°.

rsal	ø8	1/8 1/4	KQ2W08-01 S KQ2W08-02 S			Triple Bra	anch Universal
oow	20	3/8	KQ2W08-03 S	l E	- 4	_	Male Elbow
nch		1/4	KQ2W10-02 S	N	05	l / Us	e to six-branch
	ø10	1/8	KQ2W10-03 = S		400		emale thread at
- 1		1/2	KQ2W10-04 = S	Q	6	rig	ht angles. Three
╛		Diffe	erent Diameter	X	00		dividual parts ate 360°.
	× Î		Plug-in "Y"	lube	icable O.D. nm]	Connecting Thread	Model
□S	N 📲	_ /	ne-touch fittings			1/8	KQ2ZT04-01 ₉ S
¹□S	Ö 1		th size reduced.	Q	94	1/4	KQ2ZT04-02 ₉ S
B□S	9	\ \				3/8	KQ2ZT04-03 ₉ S
□S	Y I	\ \				1/8	KQ2ZT06-01□S
□S				Q	6	1/4	KQ2ZT06-02□S
	Applicable	Annlicable				3/8	KQ2ZT06-03 ^o S
□S	tube O.D.	Applicable fitting size	Model			3/8 1/8	
3 S 1 S 2 S 3 S		Applicable fitting size	Model		»8		KQ2ZT06-03 ⁻ S































