

Global Manufacturing, Distribution and Service Network

SMC Automation • Controls • Process

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

Serving industries semiconductor, food & packaging, life science, automotive, machine tool, process, natural resource, and general needs for automation, controls, and process.



Global Presence

- 532 Sales Offices in 83 Countries
- Production Facilities in 29 Countries and Regions
- Technical Centers in Japan, the U.S., Europe, and China

Extensive Product Line

- 12,000 Basic Models with over 700,000 variations
- Actuators
- Sensors & Switches
- Connectors
- Process Gas
- Electrical Products
- Vacuum
- Temperature Control
- Valves
- Air Preparation
- Static Control
- Chemical Handling
- Specialty Products

North American Support

- 30 North American Locations
- Configure, Validate, and Download 3D & 2D CAD Models from www.smcusa.com/products/
- 2.6m sqft US headquarters of Engineering, Production, Central Distribution and Administrative Space

U.S. & Canadian Sales Offices

WEST

- Austin
- Dallas
- Denver
- El Paso
- Los Angeles
- Phoenix
- Portland
- San Jose

CENTRAL

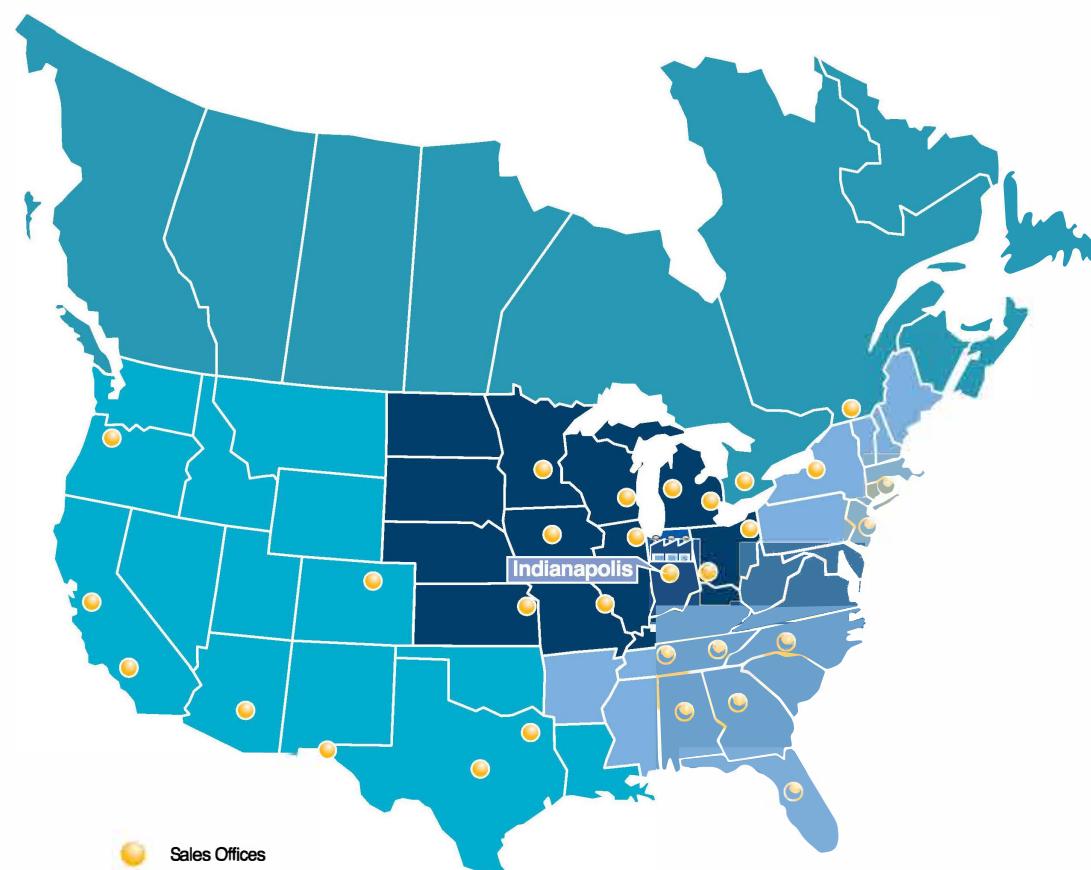
- Chicago
- Cincinnati
- Cleveland
- Detroit
- Des Moines
- Grand Rapids
- Indianapolis
- Kansas City
- Milwaukee
- Minneapolis
- St. Louis

EAST

- Atlanta
- Birmingham
- Boston
- Charlotte
- Knoxville
- Nashville
- New Jersey
- Rochester
- Tampa

CANADA

- Montreal
- Toronto



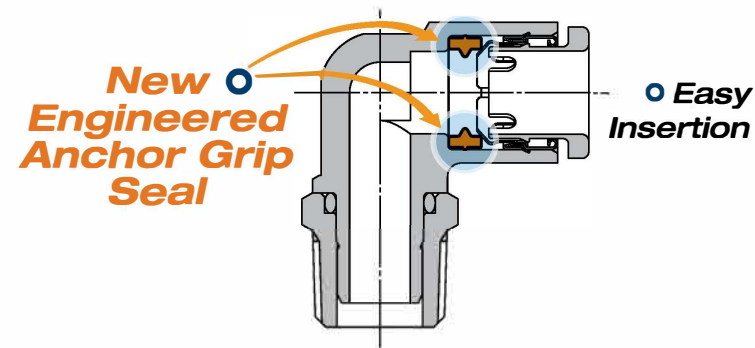
● Sales Offices
 Production/Distribution Center



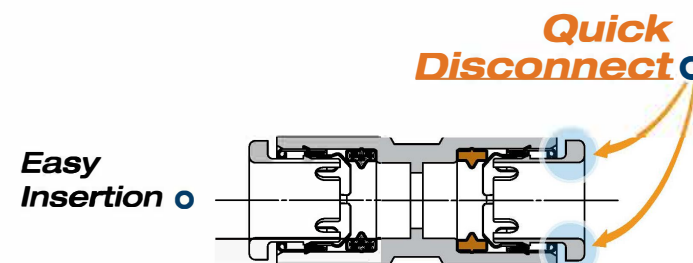
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AP RRD 2M

series KQ2 metric



• Same Strong Hold



Move Forward with

AUTOMATION
 CONTROLS
 PROCESS

Move Forward with



NF277 A

series KQ2 metric

How to Order

KQ2 H 06-01 A S

Model	
H	Male Connector
S	Hexagon Socket Head Male Connector
L	Male Elbow
LU	Male Branch Connector
K	45 Degree 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 Male Elbow
ZD	Double Branch Universal Male Elbow
ZT	Triple Branch Universal Male Elbow
W	Extended Male Elbow
T	Male Branch Tee
Y	Male Run Tee
D	Male Delta Union
U	Branch "Y"
UD	Delta Branch
E	Bulkhead Union & Connector
LE	Bulkhead Male Elbow
N	Adaptor

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

Applicable Thread Type	
Tubing Connection	00 Same Diameter Tubing
	M3 M3 x 0.5
Tubing Connection	M5 M5 x 0.8
	M6 M6 x 1.0
	01 R1/8, Rc1/8
	02 R1/4, Rc1/4
Tubing Connection	03 R3/8, Rc3/8
	04 R1/2, Rc1/2

* Only for Bulkhead Union and Bulkhead Male Elbow

Thread Material/Plating

A	Brass
N	Brass + Electroless Nickel Plated
G	Stainless Steel 303 Connection Thread (Only Male Thread and M3)

Bulkhead Union J Interchangeable with former KJE

Thread Sealing Method

NII	None
S	With Thread Sealant

KQ2 H 06-00 A

Model	
H	Straight Union
	Different Diameter Straight Union Elbow
L	Plug-in Elbow
LU	Branch Union Elbow
W	Extended Plug-in Elbow
T	Union Tee
TW	Different Diameter Tee
TW	Cross
TX	Different Diameter Cross
TY	Different Diameter Cross
D	Delta Union
U	Union "Y"
U	Plug-in "Y"
	Different Diameter Union on "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
23	ø3.2
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

Applicable Tubing O.D.

Tubing (Rod) Connection	00	Same Diameter Tubing
	99	Same Diameter Rod
Different Diameter Tubing (Reducer)	ø3.2	ø3.2
	ø4	ø4
	ø6	ø6
	ø8	ø8
	ø10	ø10
	ø12	ø12
	ø16	ø16



