



# Parker Safety Self-Venting Couplers

for Pneumatic Applications



ENGINEERING YOUR SUCCESS.



# Parker LPCE

Provider of Low Pressure Fluid Handling Solutions

## Our DNA









Inventor of **push-to-connect technology** and market leader of **quick connect coupling solutions**, we constantly strive to **design, manufacture and customise easy-to-assemble, safe and reliable quick connections** solutions, distributed anywhere across the globe.








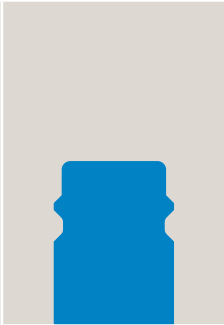
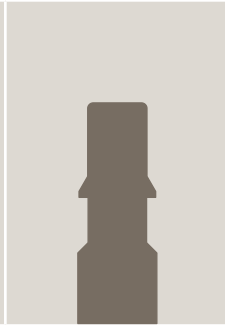
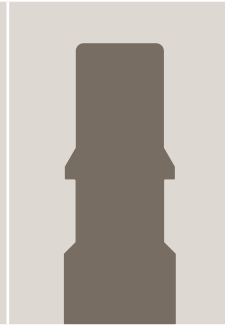
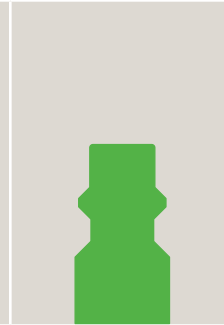
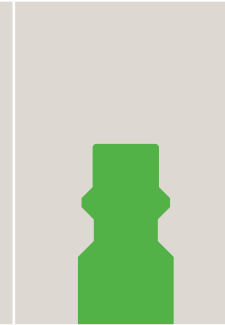
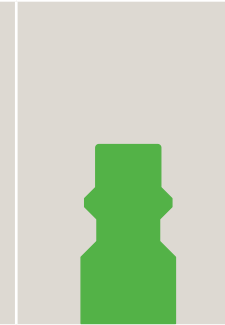
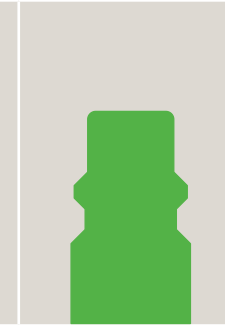
## Our Expertise

Experts in **optimising flow, compactness, reliability** and **robustness**, we guarantee **fluid integrity and leak-free connections** to offer the solution adapted to your product environment.

# Our Safety Self-Venting Range at a Glance

Find the ideal product for your needs

	Euro-Profile			
				
Series	26KP	26KE	C9000	1600KE
Diameter Nominal	7,4	7,4	7,2	7,8
Max. Working Pressure	12 bar	12 bar	16 bar	12 bar
Working Temperature	-20°C up to +100°C	-20°C up to +60°C	-20°C up to +60°C	-20°C up to +100°C
Flow Rate	1.225 l/min.	1.400 l/min.	2.000 NI/min	2.083 l/min
Material	<b>Coupling:</b> Anodised Aluminium, Brass nickel plated <b>Plug:</b> Zinc plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Technical polymer, Brass nickel plated <b>Plug:</b> Zinc plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Technical polymer, Brass nickel plated <b>Plug:</b> Zinc plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Brass / Steel nickel plated <b>Plug:</b> Zinc plated steel <b>Seal:</b> NBR
Benefits	<ul style="list-style-type: none"> <li>• High flow capability</li> <li>• Easy to use</li> </ul>	<ul style="list-style-type: none"> <li>• High flow and low pressure drop</li> <li>• Plastic sleeve does not scratch working surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Energy efficiency performance</li> <li>• Robust sleeve</li> <li>• Low connection / disconnection force</li> </ul>	<ul style="list-style-type: none"> <li>• Ultra High Flow valve for optimum flow and low pressure drop</li> </ul>
Profile				
Technology	Push-Button-Technology	Sleeve Technology	Turning Motion Technology	Sleeve Technology
Page	P. 5	P. 6	P. 7	P. 8
Regulations				

	ISO 6150 C Profile			ISO 6150 B Profile			
							
<b>1700KE</b>	<b>18KP</b>	<b>84KP</b>	<b>24KP</b>	<b>24KE</b>	<b>1400KE</b>	<b>30KP</b>	
10,0	5,5	8,0	5,5	5,5	5,5	8,0	
12 bar	12 bar	12 bar	12 bar	12 bar	12 bar	12 bar	
-20°C up to +100°C	-20°C up to +100°C	-20°C up to +100°C	-20°C up to +100°C	-20°C up to +60°C	-20°C up to +100°C	-20°C up to +100°C	
4.074 l/min	810 l/min	2.100 l/min	675 l/min	830 l/min	944 l/min	1.470 l/min	
<b>Coupling:</b> Brass / Steel nickel plated	<b>Coupling:</b> Anodised Aluminium, Brass nickel plated	<b>Coupling:</b> Anodised Aluminium, Brass nickel plated	<b>Coupling:</b> Anodised Aluminium, Brass nickel plated	<b>Coupling:</b> Technical polymer, Brass nickel plated	<b>Coupling:</b> Brass / Steel nickel plated	<b>Coupling:</b> Anodised Aluminium, Brass nickel plated	
<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	<b>Plug:</b> Nickel plated steel	
<b>Seal:</b> NBR	<b>Seal:</b> NBR	<b>Seal:</b> NBR	<b>Seal:</b> NBR	<b>Seal:</b> NBR	<b>Seal:</b> NBR	<b>Seal:</b> NBR	
<ul style="list-style-type: none"> <li>• Ultra High Flow valve for optimum flow and low pressure drop</li> </ul>	<ul style="list-style-type: none"> <li>• Intuitive and easy handling</li> <li>• Orientable to facilitate the assembly</li> </ul>	<ul style="list-style-type: none"> <li>• Profile marked on the body to prevent mistakes due to bad connection</li> </ul>	<ul style="list-style-type: none"> <li>• Robust and light aluminium body and brass threads</li> <li>• Proven endurance</li> </ul>	<ul style="list-style-type: none"> <li>• High flow and low pressure drop</li> <li>• Plastic sleeve does not scratch working surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Ultra High Flow valve for optimum flow and low pressure drop</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for frequent disconnection</li> <li>• Fast venting time</li> </ul>	
							
Sleeve Technology	Push-Button-Technology	Push-Button-Technology	Push-Button-Technology	Sleeve Technology	Sleeve Technology	Push-Button-Technology	
P. 9	P. 10	P. 11	P. 12	P. 13	P. 14	P. 15	

All series complied with: ISO 4414, RoHS, REACH

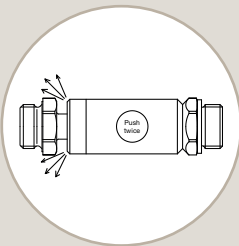
		ARO Profile		
				
<b>C9000</b>	<b>C9000</b>	<b>14KE</b>	<b>C9000</b>	<b>Series</b>
5,5	8,0	5,5	5,5	Diameter Nominal
16 bar	16 bar	12 bar	16 bar	Max. Working Pressure
-20°C up to +60°C	-20°C up to +60°C	-20°C up to +60°C	-20°C up to +60°C	Working Temperature
1.250 NI/min	2.400 NI/min	720 l/min	1.250 NI/min	Flow Rate
<b>Coupling:</b> Technical polymer, Nickel plated brass <b>Plug:</b> Nickel plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Technical polymer, Nickel plated brass <b>Plug:</b> Nickel plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Technical polymer, Nickel plated brass <b>Plug:</b> Nickel plated steel <b>Seal:</b> NBR	<b>Coupling:</b> Technical polymer, Nickel plated brass <b>Plug:</b> Nickel plated steel <b>Seal:</b> NBR	Material
<ul style="list-style-type: none"> <li>• Robust impact-resistant material</li> <li>• Long-term reliability</li> </ul>	<ul style="list-style-type: none"> <li>• Very high flow and low pressure drop</li> <li>• Optimum energy efficiency</li> </ul>	<ul style="list-style-type: none"> <li>• High flow and low pressure drop</li> <li>• Plastic sleeve does not scratch working surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Polymer sleeve protects equipment from scratching</li> <li>• Long-term reliability</li> </ul>	Benefits
				Profile
Turning Motion Technology	Turning Motion Technology	Sleeve Technology	Turning Motion Technology	Technology
P. 16	P. 17	P. 18	P. 19	Page
				Regulations

# OUR TECHNOLOGIES FOR YOUR SAFETY

With almost 70 years of experience in the development and sale of high-quality quick connect coupling systems, the Low Pressure Connectors Europe of Parker Hannifin – the world’s leading manufacturer in motion and control technologies – now offers one of the most extensive product ranges of innovative connection solutions.

In the range of self-venting couplings, we have added the push-button technology to our product range, offering our customers a choice of three different technologies to provide the right solution for every application.

## Push Button Technology

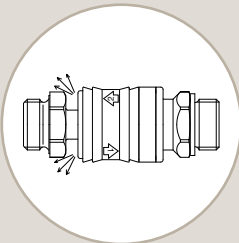


Pressureless disconnection guarantees absolute safety. Simply push once to stop airflow and to vent the circuit, twice to release and disconnect the plug. Comfortable to handle, easy to use, to connect and to disconnect. Push button couplings allows an intuitive and effortless handling, with one hand orientable. The push button coupling facilitates assembly and disassembly in all the environment.

### Benefits:

- Compliant with ISO 4414: no risk of injuries for the users
- International interchangeability: EURO, ISO B, ISO C
- Reliability and best performances
- No risk of pressurised hoses being tossed around

## Sleeve Technology

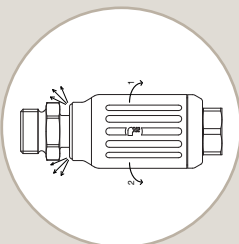


Two-way disconnection - when the sleeve is pulled back, the plug is released yet remains locked in. The coupling valve closes and the air is vented from the air line at the same time. Only then, by operating the sleeve again in the opposite direction, can uncoupling take place safely.

### Benefits:

- Compliant with ISO 4414: no risk of injuries for the users
- Safety due to two-way operation
- International interchangeability: EURO, ISO B, ARO
- Self-venting takes place during disconnection
- No risk of pressurised hoses being tossed around

## Turning Motion Technology



Designed for pneumatic installations which require frequent connection or disconnection, safely, quickly and without tools. Even if disconnection is performed rapidly, the safety of the end-user is guaranteed thanks to a very short vent-time.

### Benefits:

- Compliant with ISO 4414: no risk of injuries for the users
- Safety for the users and for machinery
- Easy to use, even with gloves and single hand operation
- Long-term reliability
- No risk of pressurised hoses being tossed around

EURO

## Technical Data

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 1.225 l/min.  
At input pressure 6 bar, pressure drop 0,6 bar

**Material** Coupling: Anodised Aluminium, Brass nickel plated  
Plug: Zinc plated steel  
Seal: NBR



### Coupler - Male Thread



C	Part Number
G 1/4	26KPAW13APX
G 3/8	26KPAW17APX
G 1/2	26KPAW21APX

### Plug - Male Thread



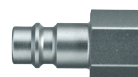
C	Part Number
R 1/4	25SFAK13SXZ
R 3/8	25SFAK17SXZ
R 1/2	25SFAK21SXZ

### Coupler - Female Thread



C	Part Number
G 1/4	26KPIW13APX
G 3/8	26KPIW17APX
G 1/2	26KPIW21APX

### Plug - Female Thread



C	Part Number
G 1/4	25SFIW13SXZ
G 3/8	25SFIW17SXZ
G 1/2	25SFIW21SXZ

### Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	26KPTF06APX
8 mm	26KPTF08APX
10 mm	26KPTF10APX
13 mm	26KPTF13APX

### Plug - Hose Barb



I.D. Hose	Part Number
6 mm	25SFTF06SXZ
8 mm	25SFTF08SXZ
10 mm	25SFTF10SXZ
13 mm	25SFTF13SXZ

EURO



### Technical Data

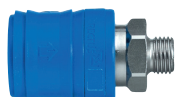
**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +60°C (NBR)

**Flow rate** 1.400 l/min.  
At input pressure 6 bar, pressure drop 0.5 bar

**Material**  
Coupling: Technical polymer, Nickel plated brass  
Plug: Zinc plated steel  
Seal: NBR

### Coupler - Male Thread



C	Part Number
G 1/4	26KEAW13MPN
G 3/8	26KEAW17MPN
G 1/2	26KEAW21MPN

### Plug - Male Thread



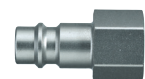
C	Part Number
R 1/4	25SFAK13SXZ
R 3/8	25SFAK17SXZ
R 1/2	25SFAK21SXZ

### Coupler - Female Thread



C	Part Number
G 1/4	26KEIW13MPN
G 3/8	26KEIW17MPN
G 1/2	26KEIW21MPN

### Plug - Female Thread



C	Part Number
G 1/4	25SFIW13SXZ
G 3/8	25SFIW17SXZ
G 1/2	25SFIW21SXZ

### Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	26KETF06MPN
8 mm	26KETF08MPN
9 mm	26KETF09MPN
10 mm	26KETF10MPN
13 mm	26KETF13MPN

### Plug - Hose Barb



I.D. Hose	Part Number
6 mm	25SFTF06SXZ
8 mm	25SFTF08SXZ
9 mm	25SFTF09SXZ
10 mm	25SFTF10SXZ
13 mm	25SFTF13SXZ




**Technical Data**


<b>max. Working Pressure</b>	16 bar
<b>Temperature Range</b>	-20°C up to +60°C (NBR)
<b>Flow rate</b> At input pressure 6 bar, pressure drop 0,6 bar	2.000 NI/min.
<b>Material</b>	Coupling: Technical polymer, Nickel plated brass Plug: Zinc plated steel Seal: NBR




**Coupler - Male Thread**

	C	Part Number
	G 1/4	9401E07 13
	G 3/8	9401E07 17
	G 1/2	9401E07 21

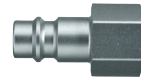
**Plug - Male Thread**

	C	Part Number
	G 1/4	9087E07 13
	G 3/8	9087E07 17
	G 1/2	9087E07 21


**Coupler - Female Thread**

	C	Part Number
	G 1/4	9414E07 13
	G 3/8	9414E07 17
	G 1/2	9414E07 21


**Plug - Female Thread**

	C	Part Number
	G 1/4	9086 25 13
	G 3/8	9086 25 17
	G 1/2	9086 25 21

**Coupler - Hose Barb**

	I.D. Hose	Part Number
	8 mm	9421E07 08
	10 mm	9421E07 10
	13 mm	9421E07 13

**Plug - Hose Barb**

	I.D. Hose	Part Number
	8 mm	9094E07 08
	10 mm	9094E07 10
	13 mm	9094E07 13

EURO



### Technical Data

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 2.083 l/min.  
At input pressure 6 bar, pressure drop 0.5 bar

**Material**  
Coupling: Nickel plated brass / steel  
Plug: Zinc plated steel  
Seal: NBR

### Coupler - Male Thread



C	Part Number
R 1/4	1600KEAK13SPN
R 3/8	1600KEAK17SPN
R 1/2	1600KEAK21SPN

### Plug - Male Thread



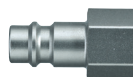
C	Part Number
R 1/8	25SFAK10SXZ
R 1/4	25SFAK13SXZ
R 3/8	25SFAK17SXZ
R 1/2	25SFAK21SXZ

### Coupler - Female Thread



C	Part Number
G 1/4	1600KEIW13SPN
G 3/8	1600KEIW17SPN
G 1/2	1600KEIW21SPN

### Plug - Female Thread



C	Part Number
G 1/8	25SFIW10SXZ
G 1/4	25SFIW13SXZ
G 3/8	25SFIW17SXZ
G 1/2	25SFIW21SXZ

### Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	1600KETF06SPN
9 mm	1600KETF09SPN
10 mm	1600KETF10SPN
13 mm	1600KETF13SPN

### Plug - Hose Barb



I.D. Hose	Part Number
6 mm	25SFTF06SXZ
8 mm	25SFTF08SXZ
9 mm	25SFTF09SXZ
10 mm	25SFTF10SXZ
13 mm	25SFTF13SXZ

## Technical Data

max. Working Pressure 12 bar

Temperature Range -20°C up to +100°C (NBR)

Flow rate 4.074 l/min.

At input pressure 6 bar, pressure drop 0,5 bar

Material Coupling: Nickel plated brass / steel  
 Plug: Nickel plated steel  
 Seal: NBR



## Coupler - Male Thread



C	Part Number
G 3/8	1700KEAW17SPN
G 1/2	1700KEAW21SPN
G 3/4	1700KEAW26SPN

## Plug - Male Thread



C	Part Number
R 1/4	27SFAK13SXN
R 3/8	27SFAK17SXN
R 1/2	27SFAK21SXN
R 3/4	27SFAK26SXN

## Coupler - Female Thread



C	Part Number
G 3/8	1700KEIW17SPN
G 1/2	1700KEIW21SPN
G 3/4	1700KEIW26SPN

## Plug - Female Thread



C	Part Number
G 1/4	27SFIW13SXN
G 3/8	27SFIW17SXN
G 1/2	27SFIW21SXN
G 3/4	27SFIW26SXN

## Plug - Hose Barb



I.D. Hose	Part Number
6 mm	27SFTF06SXN
8 mm	27SFTF08SXN
9 mm	27SFTF09SXN
10 mm	27SFTF10SXN
13 mm	27SFTF13SXN
16 mm	27SFTF16SXN
19 mm	27SFTF19SXN

ISO C



### Technical Data


**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)


**Flow rate** 810 l/min.  
At input pressure 6 bar, pressure drop 0.6 bar

**Material**  
Coupling: Anodised Aluminium, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR


### Coupler - Male Thread

	C	Part Number
	G 1/4	18KPAW13APX
	G 3/8	18KPAW17APX
	G 1/2	18KPAW21APX


### Plug - Male Thread

	C	Part Number
	G 1/4	18SFAW13SXN
	G 3/8	18SFAW17SXN

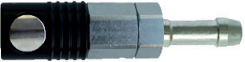
### Coupler - Female Thread

	C	Part Number
	G 1/4	18KPIW13APX
	G 3/8	18KPIW17APX
	G 1/2	18KPIW21APX


### Plug - Female Thread

	C	Part Number
	G 1/4	18SFIW13SXN
	G 3/8	18SFIW17SXN

### Coupler - Hose Barb

	I.D. Hose	Part Number
	6 mm	18KPTF06APX
	8 mm	18KPTF08APX
	9 mm	18KPTF09APX
	13 mm	18KPTF13APX

### Plug - Hose Barb

	I.D. Hose	Part Number
	6 mm	18SFTF06SXN
	8 mm	18SFTF08SXN
	10 mm	18SFTF10SXN
	13 mm	18SFTF13SXN

## Technical Data

**max. Working Pressure** 12 bar

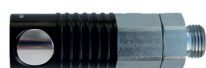
**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 2.100 l/min.  
At input pressure 6 bar, pressure drop 0,6 bar

**Material**  
Coupling: Anodised Aluminium, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR



### Coupler - Male Thread



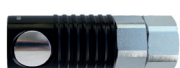
C	Part Number
G 1/4	84KPAW13APX
G 3/8	84KPAW17APX
G 1/2	84KPAW21APX

### Plug - Male Thread



C	Part Number
G 1/4	84SFAW13SXN
G 3/8	84SFAW17SXN
G 1/2	84SFAW21SXN

### Coupler - Female Thread



C	Part Number
G 1/4	84KPIW13APX
G 3/8	84KPIW17APX
G 1/2	84KPIW21APX

### Plug - Female Thread



C	Part Number
G 1/4	84SFIW13SXN
G 3/8	84SFIW17SXN

### Coupler - Hose Barb



I.D. Hose	Part Number
10 mm	84KPTF10APX
13 mm	84KPTF13APX

### Plug - Hose Barb



I.D. Hose	Part Number
10 mm	84SFTF10SXN
13 mm	84SFTF13SXN

ISO B



### Technical Data

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 675 l/min.  
At input pressure 6 bar, pressure drop 0.6 bar

**Material**  
Coupling: Anodised Aluminium, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR

### Coupler - Male Thread



C	Part Number
G 1/4	24KPAW13APX
G 3/8	24KPAW17APX
G 1/2	24KPAW21APX

### Plug - Male Thread



C	Part Number
R 1/4	23SFAK13SXN
R 3/8	23SFAK17SXN
R 1/2	23SFAK21SXN

### Coupler - Female Thread



C	Part Number
G 1/4	24KPIW13APX
G 3/8	24KPIW17APX
G 1/2	24KPIW21APX

### Plug - Female Thread



C	Part Number
G 1/4	23SFIW13SXN
G 3/8	23SFIW17SXN
G 1/2	23SFIW21SXN

### Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	24KPTF06APX
8 mm	24KPTF08APX
10 mm	24KPTF10APX

### Plug - Hose Barb



I.D. Hose	Part Number
6 mm	23SFTF06SXN
8 mm	23SFTF08SXN
10 mm	23SFTF10SXN

## Technical Data

max. Working Pressure 12 bar

Temperature Range -20°C up to +60°C (NBR)

Flow rate 830 l/min.  
At input pressure 6 bar, pressure drop 0,5 bar

Material Coupling: Technical polymer, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR



ISO B

## Coupler - Male Thread



C	Part Number
R 1/4	24KEAK13MPN
R 3/8	24KEAK17MPN
R 1/2	24KEAK21MPN

## Plug - Male Thread



C	Part Number
R 1/8	23SFAK10SXN
R 1/4	23SFAK13SXN
R 3/8	23SFAK17SXN
R 1/2	23SFAK21SXN

## Coupler - Female Thread



C	Part Number
G 1/4	24KEIW13MPN
G 3/8	24KEIW17MPN

## Plug - Female Thread



C	Part Number
G 1/8	23SFIW10SXN
G 1/4	23SFIW13SXN
G 3/8	23SFIW17SXN
G 1/2	23SFIW21SXN

## Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	24KETF06MPN
8 mm	24KETF08MPN
9 mm	24KETF09MPN
10 mm	24KETF10MPN
13 mm	24KETF13MPN

## Plug - Hose Barb



I.D. Hose	Part Number
6 mm	23SFTF06SXN
8 mm	23SFTF08SXN
9 mm	23SFTF09SXN
10 mm	23SFTF10SXN
13 mm	23SFTF13SXN

ISO B



### Technical Data

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 944 l/min.  
At input pressure 6 bar, pressure drop 0.5 bar

**Material**  
Coupling: Nickel plated brass / steel  
Plug: Nickel plated steel  
Seal: NBR

### Coupler - Male Thread



C	Part Number
G 1/4	1400KEAW13SPN
G 3/8	1400KEAW17SPN

### Plug - Male Thread



C	Part Number
R 1/8	23SFAK10SXX
R 1/4	23SFAK13SXX
R 3/8	23SFAK17SXX
R 1/2	23SFAK21SXX

### Coupler - Female Thread



C	Part Number
G 1/4	1400KEIW13SPN
G 3/8	1400KEIW17SPN

### Plug - Female Thread



C	Part Number
G 1/8	23SFIW10SXX
G 1/4	23SFIW13SXX
G 3/8	23SFIW17SXX
G 1/2	23SFIW21SXX

### Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	1400KETF06SPN
8 mm	1400KETF08SPN
10 mm	1400KETF10SPN

### Plug - Hose Barb



I.D. Hose	Part Number
6 mm	23SFTF06SXX
8 mm	23SFTF08SXX
9 mm	23SFTF09SXX
10 mm	23SFTF10SXX
13 mm	23SFTF13SXX



## Technical Data

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +100°C (NBR)

**Flow rate** 1.470 l/min.  
At input pressure 6 bar, pressure drop 0,6 bar

**Material**  
Coupling: Anodised Aluminium, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR

ISO B



### Coupler - Male Thread



C	Part Number
G 1/4	30KPAW13APX
G 3/8	30KPAW17APX
G 1/2	30KPAW21APX

### Plug - Male Thread



C	Part Number
G 1/4	30SFAW13SXN
G 3/8	30SFAW17SXN
G 1/2	30SFAW21SXN

### Coupler - Female Thread



C	Part Number
G 1/4	30KPIW13APX
G 3/8	30KPIW17APX
G 1/2	30KPIW21APX

### Plug - Female Thread



C	Part Number
G 1/4	30SFIW13SXN
G 3/8	30SFIW17SXN
G 1/2	30SFIW21SXN

### Coupler - Hose Barb



I.D. Hose	Part Number
8 mm	30KPTF08APX
10 mm	30KPTF10APX

### Plug - Hose Barb



I.D. Hose	Part Number
8 mm	30SFTF08SXN
10 mm	30SFTF10SXN

ISO B



**Technical Data**

<b>max. Working Pressure</b>	16 bar
<b>Temperature Range</b>	-20°C up to +60°C (NBR)
<b>Flow rate</b> At input pressure 6 bar, pressure drop 0.6 bar	1.250 l/min.
<b>Material</b>	Coupling: Technical polymer, Nickel plated brass Plug: Nickel plated steel Seal: NBR

**Coupler - Male Thread**

C	Part Number
G 1/4	9401U06 13
R 1/4	9405U06 13
G 3/8	9401U06 17
R 3/8	9405U06 17
G 1/2	9401U08 21
R 1/2	9405U06 21

**Plug - Male Thread**

C	Part Number
G 1/4	9087U06 13
G 3/8	9087U06 17
G 1/2	9087U06 21

**Coupler - Female Thread**

C	Part Number
G 1/4	9414U06 13
G 3/8	9414U06 17
G 1/2	9414U06 21

**Plug - Female Thread**

C	Part Number
G 1/4	9086 23 13
G 3/8	9086 23 17
G 1/2	9086 23 21

**Coupler - Hose Barb**

I.D. Hose	Part Number
6 mm	9421U06 06
8 mm	9421U06 08
10 mm	9421U06 10

**Plug - Hose Barb**

I.D. Hose	Part Number
6 mm	9094U06 06
8 mm	9094U06 08
10 mm	9094U06 10


**Technical Data**

<b>max. Working Pressure</b>	16 bar
<b>Temperature Range</b>	-20°C up to +60°C (NBR)
<b>Flow rate</b> At input pressure 6 bar, pressure drop 0,6 bar	2.400 l/min.
<b>Material</b>	Coupling: Technical polymer, Nickel plated brass Plug: Nickel plated steel Seal: NBR




ISO B


**Coupler - Male Thread**

	C	Part Number
	G 1/4	9401U08 13
	R 1/4	9405U08 13
	G 3/8	9401U08 17
	R 3/8	9405U08 17
	G 1/2	9401U08 21
	R 1/2	9405U08 21


**Plug - Male Thread**

	C	Part Number
	G 1/4	9087U08 13
	G 3/8	9087U08 17
	G 1/2	9087U08 21


**Coupler - Female Thread**

	C	Part Number
	G 1/4	9414U08 13
	G 3/8	9414U08 17
	G 1/2	9414U08 21


**Plug - Female Thread**

	C	Part Number
	G 1/4	9086 30 13
	G 3/8	9086 30 17
	G 1/2	9086 30 21

**Coupler - Hose Barb**

	I.D. Hose	Part Number
	6 mm	9421U08 06
	8 mm	9421U08 08
	10 mm	9421U08 10
	13 mm	9421U08 13

**Plug - Hose Barb**

	I.D. Hose	Part Number
	8 mm	9094U08 08
	10 mm	9094U08 10
	13 mm	9094U08 13

ARO

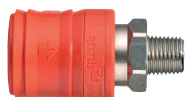
**Technical Data**

**max. Working Pressure** 12 bar

**Temperature Range** -20°C up to +60°C (NBR)

**Flow rate** 720 l/min.  
At input pressure 6 bar, pressure drop 0.5 bar

**Material**  
Coupling: Technical polymer, Nickel plated brass  
Plug: Nickel plated steel  
Seal: NBR

**Coupler - Male Thread**

C	Part Number
R 1/4	14KEAK13MPN
R 3/8	14KEAK17MPN
R 1/2	14KEAK21MPN

**Plug - Male Thread**

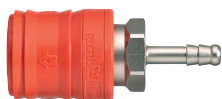
C	Part Number
R 1/8	22SFAK10SXN
R 1/4	22SFAK13SXN
R 3/8	22SFAK17SXN
R 1/2	22SFAK21SXN

**Coupler - Female Thread**

C	Part Number
G 1/4	14KEIW13MPN
G 3/8	14KEIW17MPN
G 1/2	14KEIW21MPN

**Plug - Female Thread**

C	Part Number
G 1/4	22SFIW13SXN
G 3/8	22SFIW17SXN
G 1/2	22SFIW21SXN

**Coupler - Hose Barb**

I.D. Hose	Part Number
6 mm	14KETF06MPN
8 mm	14KETF08MPN
9 mm	14KETF09MPN
10 mm	14KETF10MPN
13 mm	14KETF13MPN

**Plug - Hose Barb**

I.D. Hose	Part Number
6 mm	22SFTF06SXN
8 mm	22SFTF08SXN
9 mm	22SFTF10SXN
10 mm	22SFTF13SXN

## Technical Data

max. Working Pressure 16 bar

Temperature Range -20°C up to +60°C (NBR)

Flow rate 1.250 l/min.

At input pressure 6 bar, pressure drop 0,6 bar

Material Coupling: Technical polymer, Nickel plated brass  
 Plug: Nickel plated steel  
 Seal: NBR



ARO

## Coupler - Male Thread



C	Part Number
G 1/4	9401A06 13
R 1/4	9405A06 13
G 3/8	9401A06 17
R 3/8	9405A06 17
G 1/2	9401A08 21
R 1/2	9405A06 21

## Plug - Male Thread



C	Part Number
G 1/4	9087A06 13
G 3/8	9087A06 17
G 1/2	9087A06 21

## Coupler - Female Thread



C	Part Number
G 1/4	9414A06 13
G 3/8	9414A06 17
G 1/2	9414A06 21

## Plug - Female Thread



C	Part Number
G 1/4	9086 22 13
G 3/8	9086 22 17
G 1/2	9086 22 21

## Coupler - Hose Barb



I.D. Hose	Part Number
6 mm	9421A06 06
8 mm	9421A06 08
10 mm	9421A06 10

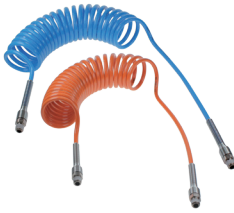
## Plug - Hose Barb



I.D. Hose	Part Number
6 mm	9094A06 06
8 mm	9094A06 08
10 mm	9094A06 10

# RELATED PRODUCTS

## PA Recoil Tubing



**Fluids:** compressed air, industrial fluids

**Materials:**

- Semi-rigid polyamide
- 2 colours
- Recoil tubing with fittings

**Pressure:** 20 bar

**Temperature:** -20°C to +80°C

**O.D. metric:** 6 mm and 8 mm

**Excellent**

Low pressure drop

**Mechanical**

Good chemical compatibility

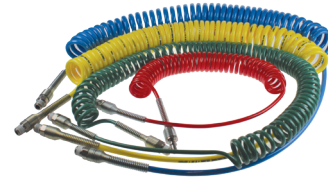
**Properties**

Self-retracting

Identical technical performance to PA tubing

Silicone-free

## PU Recoil Tubing



**Fluids:** compressed air

**Materials:**

- Polyurethane ester or ether
- 3 colours
- With or without fittings

**Pressure:** 10 bar

**Temperature:** -20°C to +70°C

**O.D. metric:** 4 mm to 12 mm

**Excellent**

Excellent coil memory

**Mechanical**

Abrasion-resistant

**Properties**

Perfect for rapid cycling applications

Consistent tensile strength

Optimum longevity

Low pressure drop

Lightweight with plastic protection spring

Silicone-free

## Braided PU Recoil Hose



**Fluids:** compressed air, industrial fluids

**Materials:**

- Translucent blue polyurethane, reinforced with a polyester braid
- Assembled with threaded fittings

**Pressure:** 15 bar

**Temperature:** -40°C to +75°C

**I.D. inch:** 1/4" and 5/16"

**Excellent**

**Mechanical**

**Properties**

Unsurpassed resistance to abrasion: 10 times better than rubber, polyamide and non-braided polyurethane

Excellent flexibility and coil memory: minimizes work fatigue

Highly kink and crush-resistant

Silicone-free

## Braided PVC Hose



**Fluids:** compressed air, non-corrosive or alimentary fluids (translucent PVC)

**Materials:**

- Polyvinyl chloride with braided polyester
- Translucent (food-grade) or blue (industrial)

**Pressure:** 15 bar

**Temperature:** -25°C to +70°C

**I.D. metric:** 4 mm to 19 mm

**Food-Grade PVC**

Monograde tubing reinforced with a braided polyester

Flexible: space saving during installation

Translucent for visual identification:

- of the fluid
- of inner cleanliness
- of fluid flow

Food-grade, without phthalates

Silicone-free

## Polymer Blowguns

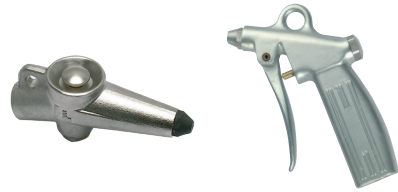


**Fluids:** compressed air  
**Materials:** technical polymer, NBR  
**Pressure:** 10 bar  
**Temperature:** -15°C to +50°C  
 DN : according to nozzle

### Quality & Performance

Comply with international standards for noise and pressure regulation  
 Powerful flow with progressive control  
 Rotating nozzle for directional jet  
 Durable, shock-resistant materials  
 100% leak and flow-tested in production  
 Date coding to guarantee quality and traceability

## Metal Blowguns

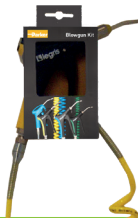


**Fluids:** compressed air  
**Materials:** forged nickel-plated brass, NBR  
**Pressure:** 10 bar  
**Temperature:** -15°C to +50°C  
 DN : 2 mm

### Workshop Blowgun

Compact for easy incorporation into compressed air ring mains  
 Nickel-plated forged brass for increased corrosion resistance

## Blowgun Kits



**Fluids:** compressed air  
**Materials:** technical polymer, NBR  
**Packaging Materials:** Cartboard  
**Pressure:** 10 bar  
**Temperature:** -15°C to +50°C  
 DN : according to nozzle

### Ready for Use

Kit contents:

- one blowgun
- a 4 metre recoil tube
- one R1/4 threaded fitting, external diameter 8 mm

Easy to install and comfortable to use  
 Wide range of models and nozzles for optimum flow  
 Lower or upper connection  
 Labelling and colours can be customised  
 Packaging designed to facilitate self-service sales

## Nickel-plated Brass Adaptors



**Fluids:** compressed air  
**Materials:** nickel-plated brass  
**Pressure:** 60 bar  
**Temperature:** -10°C to +80°C

### Large Range & Flexibility

A complete offer, from the simple adaptor to a modular manifold solution  
 Surface treatment for increased corrosion resistance: nickel-plated brass  
 BSPP, BSPT

# Notes

A series of horizontal dotted lines for writing notes.



# Parker's Motion & Control Technologies

At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 00800 27 27 5374.



## Aerospace

### Key Markets

Aftermarket services  
Commercial transports  
Engines  
General & business aviation  
Helicopters  
Launch vehicles  
Military aircraft  
Missiles  
Power generation  
Regional transports  
Unmanned aerial vehicles

### Key Products

Control systems & actuation products  
Engine systems & components  
Fluid conveyance systems & components  
Fluid metering, delivery & atomization devices  
Fuel systems & components  
Fuel tank inerting systems  
Hydraulic systems & components  
Thermal management  
Wheels & brakes



## Climate Control

### Key Markets

Agriculture  
Air conditioning  
Construction Machinery  
Food & beverage  
Industrial machinery  
Life sciences  
Oil & gas  
Precision cooling  
Process  
Refrigeration  
Transportation

### Key Products

Accumulators  
Advanced actuators  
CO<sub>2</sub> controls  
Electronic controllers  
Filter driers  
Hand shut-off valves  
Heat exchangers  
Hose & fittings  
Pressure regulating valves  
Refrigerant distributors  
Safety relief valves  
Smart pumps  
Thermostatic expansion valves



## Electromechanical

### Key Markets

Aerospace  
Factory automation  
Life science & medical  
Machine tools  
Packaging machinery  
Paper machinery  
Plastics machinery & converting  
Primary metals  
Semiconductor & electronics  
Textile  
Wire & cable

### Key Products

AC/DC drives & systems  
Electric actuators, gantry robots & slides  
Electrohydraulic actuation systems  
Electromechanical actuation systems  
Human machine interface  
Linear motors  
Stepper motors, servo motors, drives & controls  
Structural extrusions



## Filtration

### Key Markets

Aerospace  
Food & beverage  
Industrial plant & equipment  
Life sciences  
Marine  
Mobile equipment  
Oil & gas  
Power generation & renewable energy  
Process  
Transportation  
Water Purification

### Key Products

Analytical gas generators  
Compressed air filters & dryers  
Engine air, coolant, fuel & oil filtration systems  
Fluid condition monitoring systems  
Hydraulic & lubrication filters  
Hydrogen, nitrogen & zero air generators  
Instrumentation filters  
Membrane & fiber filters  
Microfiltration  
Sterile air filtration  
Water desalination & purification filters & systems



## Fluid & Gas Handling

### Key Markets

Aerial lift  
Agriculture  
Bulk chemical handling  
Construction machinery  
Food & beverage  
Fuel & gas delivery  
Industrial machinery  
Life sciences  
Marine  
Mining  
Mobile  
Oil & gas  
Renewable energy  
Solenoid valves  
Transportation

### Key Products

Check valves  
Connectors for low pressure  
fluid conveyance  
Deep sea umbilicals  
Diagnostic equipment  
Hose couplings  
Industrial hose  
Mooring systems & power cables  
PTFE hose & tubing  
Quick couplings  
Rubber & thermoplastic hose  
Tube fittings & adapters  
Tubing & plastic fittings



## Hydraulics

### Key Markets

Aerial lift  
Agriculture  
Alternative energy  
Construction machinery  
Forestry  
Industrial machinery  
Machine tools  
Marine  
Material handling  
Mining  
Oil & gas  
Power generation  
Refuse vehicles  
Renewable energy  
Truck hydraulics  
Turf equipment

### Key Products

Accumulators  
Cartridge valves  
Electrohydraulic actuators  
Human machine interfaces  
Hybrid drives  
Hydraulic cylinders  
Hydraulic motors & pumps  
Hydraulic systems  
Hydraulic valves & controls  
Hydrostatic steering  
Integrated hydraulic circuits  
Power take-offs  
Power units  
Rotary actuators  
Sensors



## Pneumatics

### Key Markets

Aerospace  
Conveyor & material handling  
Factory automation  
Life science & medical  
Machine tools  
Packaging machinery  
Transportation & automotive

### Key Products

Air preparation  
Brass fittings & valves  
Manifolds  
Pneumatic accessories  
Pneumatic actuators & grippers  
Pneumatic valves & controls  
Quick disconnects  
Rotary actuators  
Rubber & thermoplastic hose & couplings  
Structural extrusions  
Thermoplastic tubing & fittings  
Vacuum generators, cups & sensors



## Process Control

### Key Markets

Alternative fuels  
Biopharmaceuticals  
Chemical & refining  
Food & beverage  
Marine & shipbuilding  
Medical & dental  
Microelectronics  
Nuclear Power  
Offshore oil exploration  
Oil & gas  
Pharmaceuticals  
Power generation  
Pulp & paper  
Steel  
Water/wastewater

### Key Products

Analytical Instruments  
Analytical sample conditioning products & systems  
Chemical injection fittings & valves  
Fluoropolymer chemical delivery fittings, valves & pumps  
High purity gas delivery fittings, valves, regulators & digital flow controllers  
Industrial mass flow meters/controllers  
Permanent no-weld tube fittings  
Precision industrial regulators & flow controllers  
Process control double block & bleeds  
Process control fittings, valves, regulators & manifold valves



## Sealing & Shielding

### Key Markets

Aerospace  
Chemical processing  
Consumer  
Fluid power  
General industrial  
Information technology  
Life sciences  
Microelectronics  
Military  
Oil & gas  
Power generation  
Renewable energy  
Telecommunications  
Transportation

### Key Products

Dynamic seals  
Elastomeric o-rings  
Electro-medical instrument design & assembly  
EMI shielding  
Extruded & precision-cut, fabricated elastomeric seals  
High temperature metal seals  
Homogeneous & inserted elastomeric shapes  
Medical device fabrication & assembly  
Metal & plastic retained composite seals  
Shielded optical windows  
Silicone tubing & extrusions  
Thermal management  
Vibration dampening



ENGINEERING YOUR SUCCESS.

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