

Quick-Acting Couplers

Polymer Safety, C 9000

Metal

Quick-Acting Couplers Accessories



Quick-Acting Couplers

C 9000 Polymer Quick-Acting Safety Couplers (P. 8-7)



Fluids: compressed air

Materials: reinforced technical polymer, nickel-plated brass

Pressure: 16 bar

Temperature: -20°C to +60°C

DN : 5.5 mm to 8 mm

Metal Quick-Acting Couplers (P. 8-19)



Fluids: compressed air, water, industrial fluids

Materials: nickel-plated brass

Pressure: 20 bar

Temperature: -20°C to +100°C

DN : 2 mm to 19 mm

Metal Quick-Acting Couplers Accessories (P. 8-30)



Fluids: industrial fluids

Materials: brass or nickel-plated brass

Pressure: 20 bar

Temperature: -5°C to +60°C

DN : 5,5 mm to 8 mm

3 Shut-Off Functions

Straight-Through

These couplers work without shut-off, meaning they offer maximum flow. Straight-Through couplers are designed to carry fluids such as water, coolants, etc. Before disconnection, the fluid flow must be shut off using a valve located upstream of the coupler.



Single Shut-Off (with or without vent)

On our single shut-off couplers, the male probe is straight-through. The fluid flow can be stopped in the female coupler when disconnected. The circuit can be vented upstream to avoid any risk of whiplash.




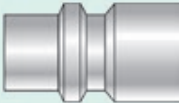
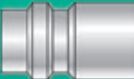
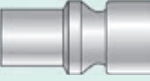
Double Shut-Off

On our double shut-off couplers, after disconnection, flow is prevented both upstream of the female coupler and downstream of the probe. Both sides of the circuit remain under pressure.

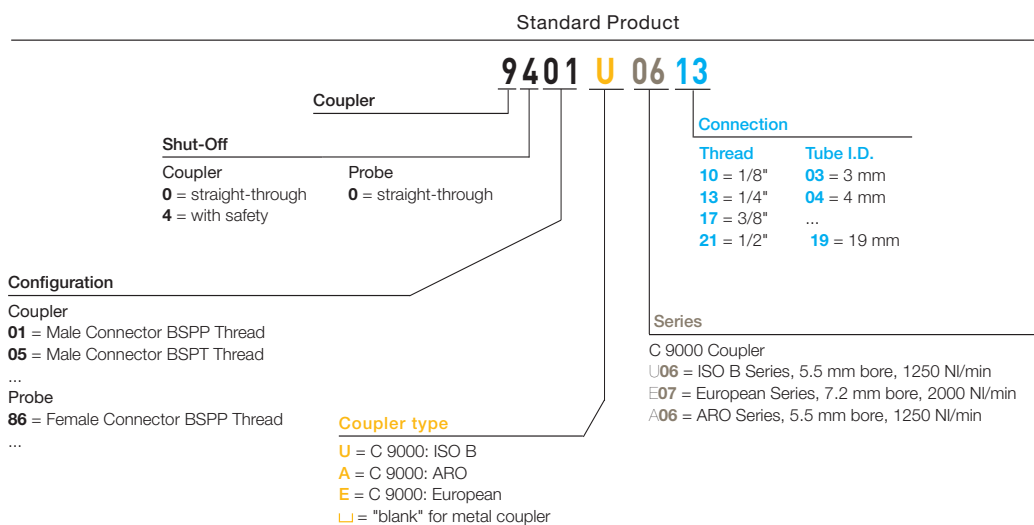


Technology and Flow Rates

The profiles of the Parker Legris quick-acting couplers are manufactured to conform to international standards and are interchangeable with other manufacturers' products meeting these standards.

Profile Description	Profile	Interchangeability	Flow (NI/min)	Bore Diameter (mm)
ISO B Standard		C 9000	1250	5.5
		C 9000	2400	8
European Standard		C 9000	2000	7.2
ARO Standard		C 9000	1250	5.5

Quick-Acting Coupler Part Numbers



C 9000 Polymer Quick-Acting Safety Coupler Range

C 9000 Polymer Quick-Acting Safety Couplers

ISO B Profile

9401U Page 8-10 **9405U** Page 8-10 **9414U** Page 8-10 **9410U** Page 8-10 **9421U** Page 8-10 **9416U** Page 8-11 **9440U** Page 8-11



9087U Page 8-11 **9086U** Page 8-11 **9080U** Page 8-12 **9094U** Page 8-12



European Profile

9401E Page 8-13 **9414E** Page 8-13 **9410E** Page 8-13 **9421E** Page 8-13 **9416E** Page 8-13 **9440E** Page 8-14



9087E Page 8-14 **9086E** Page 8-14 **9080E** Page 8-14 **9094E** Page 8-14



ARO Profile

9401A Page 8-15 **9405A** Page 8-15 **9414A** Page 8-15 **9410A** Page 8-15 **9421A** Page 8-15 **9416A** Page 8-16 **9440A** Page 8-16



9087A Page 8-16 **9086A** Page 8-16 **9084A** Page 8-16 **9080A** Page 8-17 **9094A** Page 8-17



C 9000 Polymer Quick-Acting Safety Couplers

This range of ergonomic polymer couplers has been designed for **the safety of operators and machinery** while giving very high **energy efficiency performance**. Available in three profile standards, it is perfectly suited for any type of installation.

Product Advantages

Safety & Reliability

- Prevents risk of whiplash
- Quick-acting vent allowing disconnection to be carried out in total safety
- Rotating sleeve to avoid risk of accidental disconnection
- Low connection/disconnection force even under pressure
- Polymer sleeve protects equipment from scratching
- Protective spiral over the tube prevents kinking

Performance

- Very high flow and low pressure drop
- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Robust impact-resistant material
- Optimum energy efficiency
- Long-term reliability

Easy-to-Use

- Immediate identification by clear marking on each model showing:
 - profile of the compatible male probe
 - type part number
- Compatible with male probes conforming to:
 - ISO B profile
 - European profile
 - ARO profile



Workshops
Cleaning
Blowing
Pneumatics
Air-Operated Tools
Ring Main Circuits
Packaging

Applications

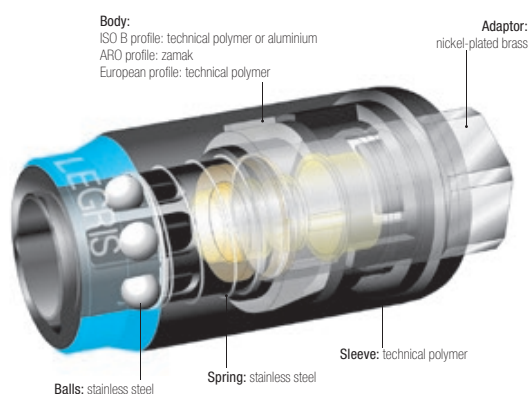
Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	0 to 16 bar
Working Temperature	-20°C to +60°C

Regulations

DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)
ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
DIN EN 983 Safety Standard for Pneumatics

Component Materials

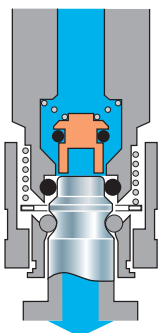


Silicone-free

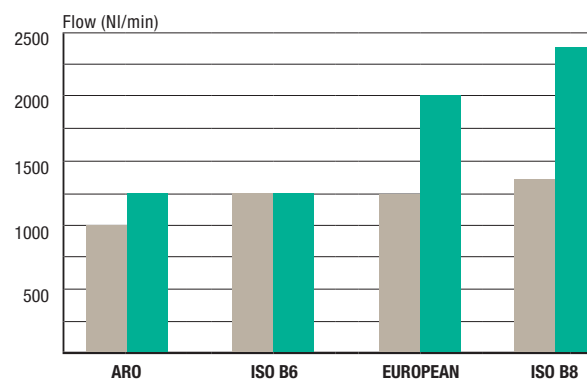
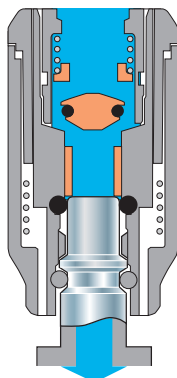
C 9000 Polymer Quick-Acting Safety Couplers

C 9000 Technology and Flow Rates

"Typical" quick-acting coupler
Standard "poppet" technology
Flow: 1400 NI/min



C 9000 quick-acting coupler
"Optimal flow" technology
Flow: 2400 NI/min



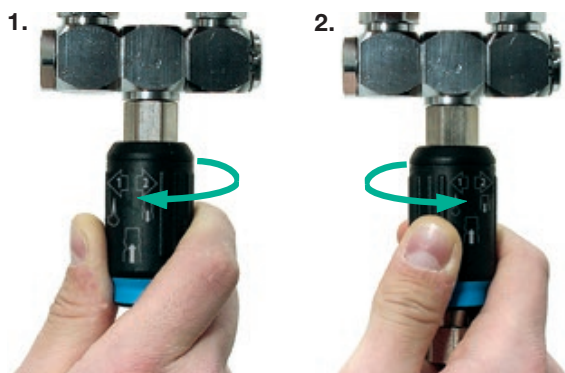
C 9000 Coupler

Standard Couplers

Measurements carried out in accordance with ISO 6358 at a pressure of 6 bar, pressure drop < 0.7 bar

Operation

Operation



Disconnecting the probe

Rotation, arrow 1: circuit vented on probe side.

Rotation, arrow 2: probe disconnected from the body.

Connecting the probe

The sleeve does not need to be rotated to connect the probe.

Venting Time



ISO B6 profile, recoil tubing (I.D. 6 mm, length 6 m)

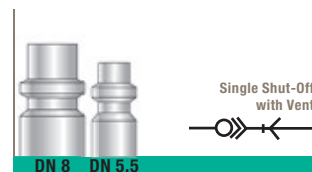
Venting time = 350 ms (transition from 6 bar to 0.2 bar)

ISO B8 profile, PVC tubing (I.D. 10 mm, length 25 m)

Venting time = 860 ms (transition from 6 bar to 0.2 bar)

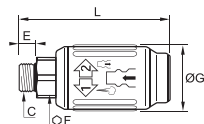
Even with longer lengths of tubing, the vent time of the C 9000 coupler can be less than 1 second.

ISO B Profile



9401U Coupler, Male BSPP Thread

Technical polymer, nickel-plated brass, NBR



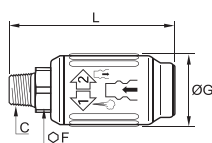
DN	C		E	F	G	L	Kg
5.5	G1/4	9401U06 13	7.5	17	31.5	74	0.075
	G3/8	9401U06 17	8.5	21	31.5	76.5	0.095
	G1/2	9401U06 21	10.5	25	31.5	80	0.115
8	G1/4	9401U08 13	6.5	22	36.5	81.5	0.120
	G3/8	9401U08 17	7.5	22	36.5	82.5	0.133
	G1/2	9401U08 21	9	25	36.5	85.5	0.140

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9405U Coupler, Male BSPT Thread

Technical polymer, nickel-plated brass, NBR



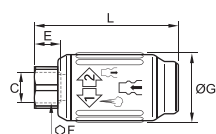
DN	C		F	G	L	Kg
5.5	R1/4	9405U06 13	17	31.5	75	0.075
	R3/8	9405U06 17	19	31.5	76.5	0.095
	R1/2	9405U06 21	22	31.5	81.5	0.110
8	R1/4	9405U08 13	22	36.5	84	0.120
	R3/8	9405U08 17	22	36.5	84	0.120
	R1/2	9405U08 21	22	36.5	88	0.140

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9414U Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR



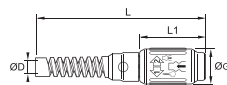
DN	C		E	F	G	L	Kg
5.5	G1/4	9414U06 13	12	17	31.5	66.5	0.070
	G3/8	9414U06 17	12	22	31.5	72	0.085
	G1/2	9414U06 21	15	27	31.5	78	0.115
8	G1/4	9414U08 13	12	22	36.5	75	0.127
	G3/8	9414U08 17	12	22	36.5	75	0.144
	G1/2	9414U08 21	15	27	36.5	80	0.138

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9410U Coupler, LF 3000® Push-In Connection, Body Spiral Protection Spring

Technical polymer, nickel-plated brass, NBR



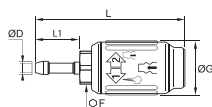
DN	ØD		G	L	L1	Kg
5.5	8	9410U06 08	31.5	145	56	0.096
	10	9410U06 10	31.5	145	56	0.080
8	10	9410U08 10	36.5	155	63	0.175
	12	9410U08 12	36.5	165	63	0.162

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9421U Coupler with Hosetail

Technical polymer, nickel-plated brass, NBR



DN	ØD		F	G	L	L1	Kg
5.5	6	9421U06 06	17	31.5	88.5	26	0.070
	8	9421U06 08	17	31.5	88.5	26	0.070
	10	9421U06 10	17	31.5	88.5	26	0.070
8	6	9421U08 06	22	36.5	95	26	0.110
	8	9421U08 08	22	36.5	95	26	0.100
	10	9421U08 10	22	36.5	95	26	0.124
	13	9421U08 13	22	36.5	99	30	0.125

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

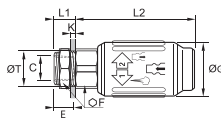
C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

ISO B Profile



9416U Coupler, Bulkhead Mountable, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR



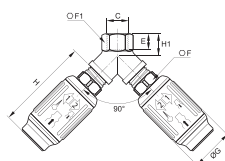
DN	C		E	F	G	Kmax	L1	L2	ØTmin	Kg
5.5	G1/4	9416U06 13	12	22	31.5	6	12.5	68.5	18.5	0.105
8	G3/8	9416U08 17	12	24	36.5	7	14.5	76	22.5	0.150

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9440U Y Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR



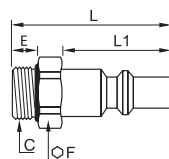
DN	C		E	F	F1	G	H	H1	Kg
5.5	G3/8	9440U06 17	11.5	19	20	31.5	70	16	0.207
8	G1/2	9440U08 21	14	22	25	36.5	80	19	0.352

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min

C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9087U Probe, Straight-Through, Male BSPP Thread

Nickel-plated steel, technical polymer

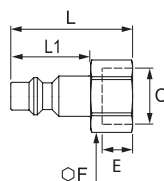


DN	C		E	F	L	L1	Kg
5.5	G1/4	9087U06 13	9	13	39	24	0.026
	G3/8	9087U06 17	9	17	38	24	0.032
	G1/2	9087U06 21	9	19	39	24	0.048
8	G1/4	9087U08 13	9	17	38	24	0.030
	G3/8	9087U08 17	9	19	39	24	0.036
	G1/2	9087U08 21	12	22	42	24	0.058

Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread

Treated steel

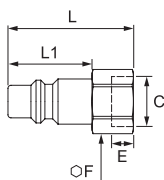


DN	C		E	F	L	L1	Kg
5.5	G1/4	9086 23 13	9	17	36	24	0.025
	G3/8	9086 23 17	9	19	36	24	0.025
	G1/2	9086 23 21	12	24	39	24	0.039

Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread

Nickel-plated steel



DN	C		E	F	L	L1	Kg
8.5	G1/4	9086 30 13	10	17	40	28	0.032
	G3/8	9086 30 17	10	19	42	28	0.035
	G1/2	9086 30 21	12	24	43	28	0.046

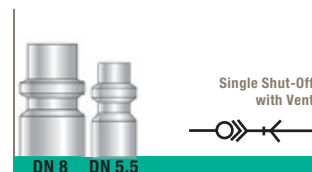
Probe without shut-off

C 9000 Series probe (DN 8.5) compatible with ISO B Series C 9000 couplers (DN 8)

Polymer: C 9000 Safety

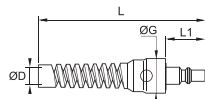
Quick-Acting Couplers

ISO B Profile



9080U Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

Nickel-plated steel, NBR

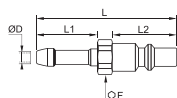


DN	ØD		G	L	L1	Kg
5.5	8	9080U06 08	24	112	24	0.052
	10	9080U06 10	24	112	24	0.044
8	10	9080U08 10	24	114	26	0.095
	12	9080U08 12	29.5	125	26	0.096

Probe without shut-off

9094U Probe, Straight-Through, with Hosetail

Nickel-plated steel



DN	ØD		F	L	L1	L2	Kg
5.5	6	9094U06 06	14	51	24	25	0.016
	8	9094U06 08	14	51	27	25	0.017
	10	9094U06 10	14	51	24	25	0.018
8	8	9094U08 08	17	51	24	25	0.027
	10	9094U08 10	17	51	27	25	0.028
	13	9094U08 13	17	51	24	25	0.031

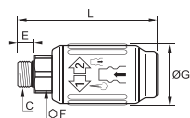
Probe without shut-off

European Profile



9401E Coupler, Male BSPP Thread

Technical polymer, nickel-plated brass, NBR

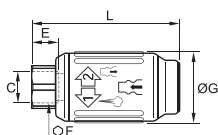


DN	C		E	F	G	L	Kg
7.2	G1/4	9401E07 13	6.5	22	36.5	80	0.124
	G3/8	9401E07 17	7.5	22	36.5	81	0.122
	G1/2	9401E07 21	9	25	36.5	83.5	0.136

C 9000 Series: single shut-off = 2000 NI/min

9414E Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR

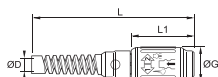


DN	C		E	F	G	L	Kg
7.2	G1/4	9414E07 13	12	22	36.5	73	0.118
	G3/8	9414E07 17	12	22	36.5	73	0.109
	G1/2	9414E07 21	15	27	36.5	78	0.130

C 9000 Series: single shut-off = 2000 NI/min

9410E Coupler, LF 3000® Push-In Connection, with Spiral Protection Spring

Technical polymer, nickel-plated brass, NBR

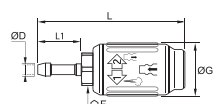


DN	ØD		G	L	L1	Kg
7.2	10	9410E07 10	36.5	151	63	0.175
	12	9410E07 12	36.5	151	63	0.180

C 9000 Series: single shut-off = 2000 NI/min

9421E Coupler with Hosetail

Technical polymer, nickel-plated brass, NBR

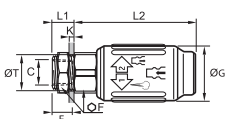


DN	ØD		F	G	L	L1	Kg
7.2	8	9421E07 08	22	36.5	93	26	0.113
	10	9421E07 10	22	36.5	93	26	0.114
	13	9421E07 13	22	36.5	97	30	0.119

C 9000 Series: single shut-off = 2000 NI/min

9416E Coupler, Bulkhead Mountable, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR



DN	C		E	F	G	K _{max}	L1	L2	ØT _{min}	Kg
7.2	G3/8	9416E07 17	12	24	36.5	7	14.5	74	22.5	0.153

C 9000 Series: single shut-off = 2000 NI/min

Polymer: C 9000 Safety

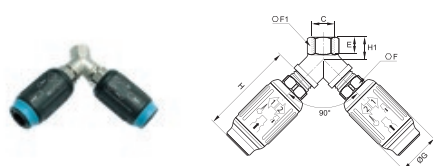
Quick-Acting Couplers

European Profile



9440E Y Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR

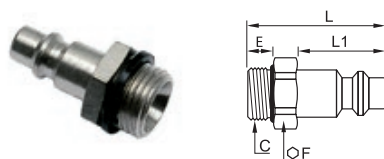


DN	C		E	F	F1	G	H	H1	Kg
7.2	G1/2	9440E07 21	14	25	25	36.5	78	19	0.335

C 9000 Series: single shut-off = 2000 NI/min

9087E Probe, Straight-Through, Male BSPP Thread

Nickel-plated steel, technical polymer

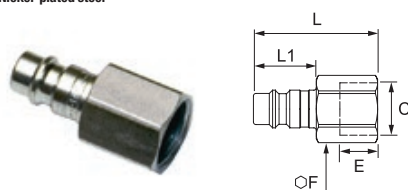


DN	C		E	F	L	L1	Kg
7.2	G1/4	9087E07 13	9	14	34	20	0.018
	G3/8	9087E07 17	9	17	34	20	0.025
	G1/2	9087E07 21	12	22	38	20	0.048

Probe without shut-off

9086E Probe, Straight-Through, Female BSPP Thread

Nickel-plated steel



DN	C		E	F	L	L1	Kg
7.4	G1/8	9086 25 10	7	14	32	20	0.016
	G1/4	9086 25 13	9	17	38.5	20	0.027
	G3/8	9086 25 17	9	19	33	20	0.027
	G1/2	9086 25 21	12	24	36	20	0.048

Probe without shut-off

9080E Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

Nickel-plated steel, NBR

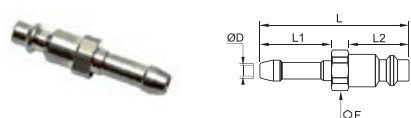


DN	ØD		G	L	L1	Kg
7.2	10	9080E07 10	24	114	20	0.102
	12	9080E07 12	29.5	125	20	0.088

Probe without shut-off

9094E Probe, Straight-Through, with Hosetail

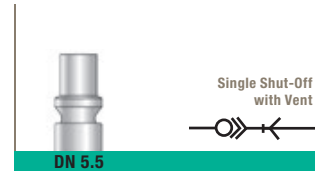
Nickel-plated steel



DN	ØD		F	L	L1	L2	Kg
7.2	8	9094E07 08	17	48	20	25	0.015
	10	9094E07 10	17	48	20	25	0.016
	13	9094E07 13	17	48	20	25	0.020

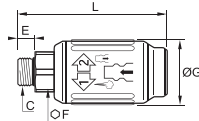
Probe without shut-off

ARO Profile



9401A Coupler, Male BSPP Thread

Technical polymer, nickel-plated brass, NBR

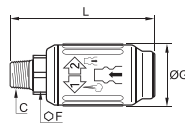


DN	C		E	F	G	L	Kg
5.5	G1/4	9401A06 13	6.5	17	31.5	70.5	0.105
	G3/8	9401A06 17	9	21	31.5	73.5	0.123
	G1/2	9401A06 21	9	25	31.5	70.5	0.150

C 9000 Series: single shut-off = 1250 NI/min

9405A Coupler, Male BSPT Thread

Technical polymer, nickel-plated brass, NBR

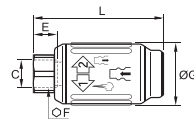


DN	C		F	G	L	Kg
5.5	R1/4	9405A06 13	17	31.5	73	0.105
	R3/8	9405A06 17	19	31.5	74.5	0.110
	R1/2	9405A06 21	22	31.5	79.5	0.140

C 9000 Series: single shut-off = 1250 NI/min

9414A Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR

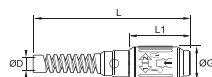


DN	C		E	F	G	L	Kg
5.5	G1/4	9414A06 13	12	17	31.5	64.5	0.095
	G3/8	9414A06 17	12	22	31.5	70	0.115
	G1/2	9414A06 21	15	27	31.5	76	0.145

C 9000 Series: single shut-off = 1250 NI/min

9410A Coupler, LF 3000® Push-In Connection, with Spiral Protection Spring

Technical polymer, nickel-plated brass, NBR

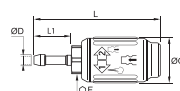


DN	ØD		G	L	L1	Kg
5.5	8	9410A06 08	31.5	143	54	0.140
	10	9410A06 10	31.5	143	54	0.175

C 9000 Series: single shut-off = 1250 NI/min

9421A Coupler with Hosetail

Technical polymer, nickel-plated brass, NBR



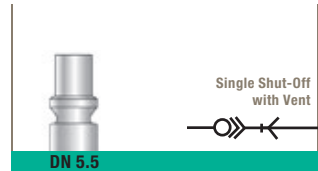
DN	ØD		F	G	L	L1	Kg
5.5	6	9421A06 06	17	31.5	86.5	26	0.110
	8	9421A06 08	17	31.5	86.5	26	0.100
	10	9421A06 10	17	31.5	86.5	26	0.100

C 9000 Series: single shut-off = 1250 NI/min

Polymer: C 9000 Safety

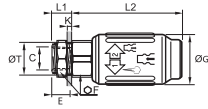
Quick-Acting Couplers

ARO Profile



9416A Coupler, Bulkhead Mountable, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR

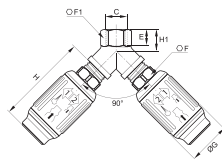


DN	C		E	F	G	K	L1	L2	ØT	Kg
5.5	G1/4	9416A06 13	12	22	31.5	6	12.5	66.5	18.5	0.135

C 9000 Series: single shut-off = 1250 NI/min

9440A Y Coupler, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR

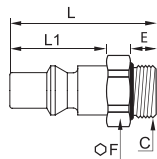


DN	C		E	F	F1	G	H	H1	Kg
5.5	G3/8	9440A06 17	11.5	19	20	31.5	68	16	0.263

C 9000 Series: single shut-off = 1250 NI/min

9087A Probe, Straight-Through, Male BSPP Thread

Nickel-plated steel, technical polymer

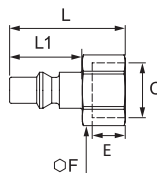


DN	C		E	F	L	L1	Kg
5.5	G1/4	9087A06 13	9	17	36	22	0.020
	G3/8	9087A06 17	9	19	36	22	0.024
	G1/2	9087A06 21	12	24	40	22	0.050

Probe without shut-off

9086A Probe, Straight-Through, Female BSPP Thread

Nickel-plated steel

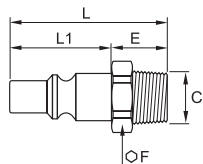


DN	C		E	F	L	L1	Kg
5.5	G1/4	9086 22 13	9	17	35.5	22	0.024
	G3/8	9086 22 17	10	19	35.5	22	0.023
	G1/2	9086 22 21	12	24	38	22	0.039

Probe without shut-off

9084A Probe, Straight-Through, Male BSPT Thread

Nickel-plated steel



DN	C		F	L	L1	Kg
5.5	R1/4	9084 22 13	14	40.5	22	0.020
	R3/8	9084 22 17	17	40.5	22	0.031
	R1/2	9084 22 21	22	46	22	0.048

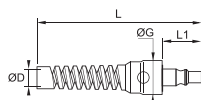
Probe without shut-off

ARO Profile



9080A Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

Nickel-plated steel, NBR

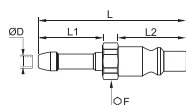


DN	ØD		G	L	L1	Kg
5.5	8	9080A06 08	24	118	22	0.028
	10	9080A06 10	24	118	22	0.027

Probe without shut-off

9094A Probe, Straight-Through, with Hosetail

Nickel-plated steel

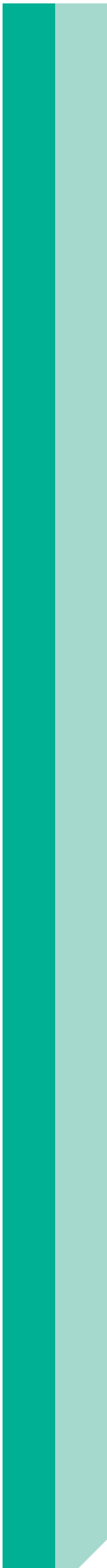


DN	ØD		F	L	L1	L2	Kg
5.5	6	9094A06 06	14	48.5	22	25	0.013
	8	9094A06 08	14	48.5	22	25	0.014
	10	9094A06 10	14	48.5	22	25	0.017

Probe without shut-off

Polymer: C 9000 Safety

Quick-Acting Couplers



Metal Quick-Acting Coupler Range

Nickel-Plated Brass Quick-Acting Couplers

Mini Series

0171 Page 8-22	0171 Page 8-23	0183 Page 8-22	0184 Page 8-22	0181 Page 8-22	0181 Page 8-23	0180 Page 8-23	3150 Page 8-23
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Standard Series

0172 Page 8-24	0187 Page 8-24	0186 Page 8-24	0185 Page 8-24	0189 Page 8-24
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Midi Series

0172 Page 8-25	2272 Page 8-25	2511 Page 8-25	2297 Page 8-25	2294 Page 8-25	0196 Page 8-26	2296 Page 8-26	0195 Page 8-26
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2295 Page 8-26	2293 Page 8-26	2270 Page 8-27	2203 Page 8-27	2292 Page 8-27	2398 Page 8-27	2299 Page 8-28	2299 Page 8-28
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Maxi Series

2272 Page 8-29	2297 Page 8-29	2294 Page 8-29	2295 Page 8-29
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Metal Quick-Acting Coupler Accessories

9071 Page 8-31	0691 Page 8-31	0681 Page 8-31	0164 Page 8-31	0167 Page 8-31
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Metal Quick-Acting Couplers

In order to fulfill the requirements of the **widest range of industrial applications**, Parker Legris offers a range of metal couplers compatible with a large selection of fluids. **Simple to install**, with or without shut-off valves, these couplers offer a **high flow rate capability**.

Product Advantages

- Easy-to-Use

Coupler with sliding sleeve: automatic connection and disconnection

Extremely compact

Single or double shut-off models for greater safety

Special range designed for pneumatic applications: mini and standard series

Special range designed for the transmission of water and fluids: midi and maxi series
- Robust & Reliable

100% leak-tested in production

Excellent shock and impact resistance

Nickel-plated brass for corrosion resistance
- Optimum Performance

Very wide range of flow rates

Low pressure drop

Long service life

Maximum energy efficiency



Technical Characteristics

Compatible Fluids	Compressed air, water
Working Pressure	0 to 20 bar
Working Temperature	-20°C to +100°C

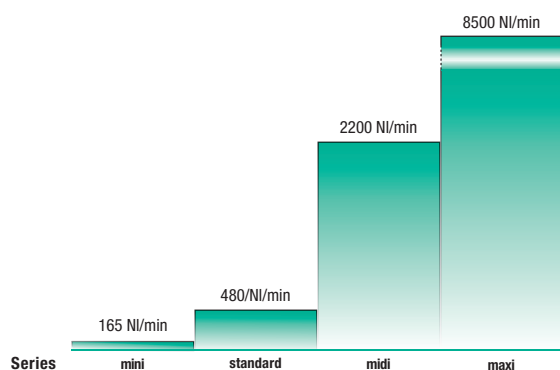
Guaranteed for use with a vacuum of 655 mm Hg (86% vacuum).

Component Materials

Silicone-free

Metal Quick-Acting Couplers

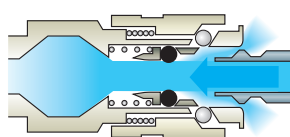
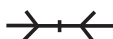
Metal Quick-Acting Coupler Technology and Flow Rates



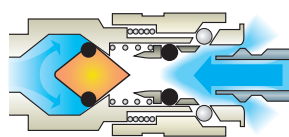
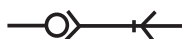
Measurements carried out in accordance with ISO 6358 at a pressure of 6 bar, pressure drop < 0.7 bar (single shut-off flow)

3 Shut-Off Functions

Straight-Through

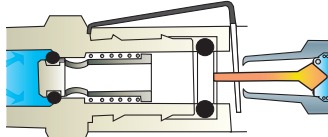
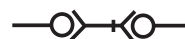


Single Shut-Off



Single shut-off coupler
+ probe without shut-off
When disconnected, the fluid path is closed upstream (body side).

Double Shut-Off

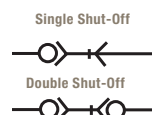


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed upstream (body side) and downstream (probe side).

Operation

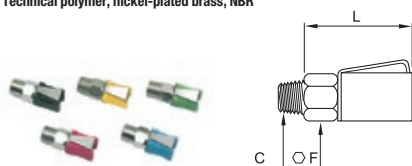


Mini Series



0171 Coupler, Male BSPT and Parallel Metric Thread

Technical polymer, nickel-plated brass, NBR

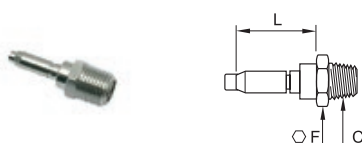


DN	C		E	F	L	Kg
2	M7x1	0171 02 55 01	6	10	21	0.007
		0171 02 10 01	7.5	10	21	0.010
	R1/8	0171 02 10 02	7.5	10	21	0.010
		0171 02 10 03	7.5	10	21	0.010
		0171 02 10 04	7.5	10	21	0.010
		0171 02 10 05	7.5	10	21	0.010

Single shut-off
Mini Series (DN 2): single shut-off= 165 NI/min

0183 Probe, Valved, Male BSPT Thread

Nickel-plated brass, NBR

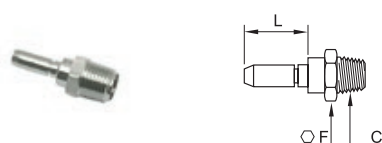


DN	C		F	L	Kg
2	R1/8	0183 02 10	10	13	0.007

Probe with shut-off

0184 Probe, Straight-Through, Male BSPT Thread

Nickel-plated brass

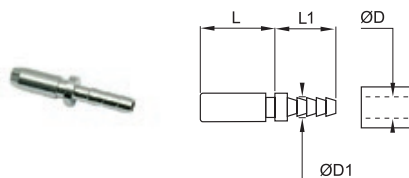


DN	C		F	L	Kg
2	R1/8	0184 02 10	10	13	0.006

Probe without shut-off

0181 Probe without shut-off, Male BSPT Thread

Nickel-plated brass



DN	ØD	ØD1		L	L1	Kg
2	3	3.3	0181 03 04	11.5	13.5	0.010

Probe without shut-off

Mini Series

Single Shut-Off

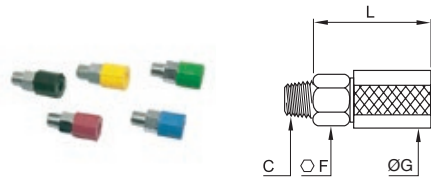


Double Shut-Off



0171 Coupler, Straight-Through, Male BSPT Thread

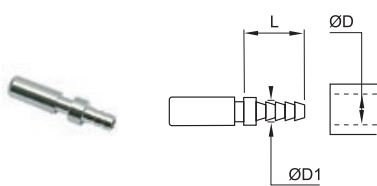
Technical polymer, nickel-plated brass, NBR



	C		F	G	L	Kg
3	R1/8	0171 03 10 01	13	17	24.5	0.020
		0171 03 10 02	13	17	24.5	0.020
		0171 03 10 03	13	17	24.5	0.020
		0171 03 10 04	13	17	24.5	0.020
		0171 03 10 05	13	17	24.5	0.020
Straight-through						

0181 Probe, Straight-Through with Barb Connection for Polyamide (PA) Tubing

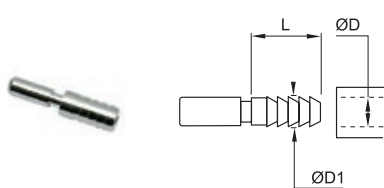
Nickel-plated brass



DN	ØD	ØD1		L	Kg
3	4	4.7	0181 04 06	19	0.005
Probe without shut-off					

0180 Probe, Straight-Through with Barb Connection for Flexible Tubing

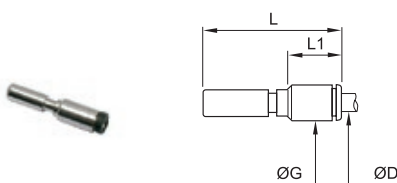
Nickel-plated brass



DN	ØD	ØD1		L	Kg
3	4	6	0180 04 00	19	0.007
	5	6.5	0180 05 00	19	0.007
Probe without shut-off					

3150 Probe, Straight-Through with LF 3000® Push-In Connection

Nickel-plated brass, NBR



DN	ØD		G	L	L1	Kg
3	4	3150 00 61	8.5	39	18	0.008
Probe without shut-off						

Metal

Quick-Acting Couplers

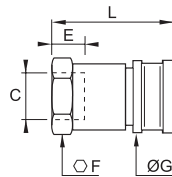
Standard Series

Single Shut-Off



0172 Coupler, Female BSPP Thread

Nickel-plated brass, NBR

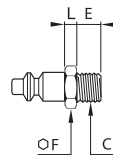


DN	C		E	F	G	L	Kg
5	G1/4	0172 05 13	11	19	21	47	0.086

Standard Series: single shut-off = 480 NI/min

0187 Probe, Straight-Through, Male BSPP Thread

Zinc-plated blister steel

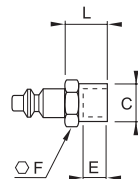


DN	C		E	F	L	Kg
5	G1/8	0187 05 10	7	14	4	0.018
	G1/4	0187 05 13	9.5	17	5	0.027

Probe without shut-off

0186 Probe, Straight-Through, Female BSPP Thread

Zinc-plated blister steel

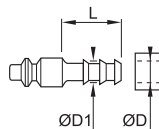


DN	C		E	F	L	Kg
5	G1/4	0186 05 13	12	17	17	0.027

Probe without shut-off

0185 Probe, Straight-Through, with Barb Connection for Flexible Tubing

Zinc-plated blister steel

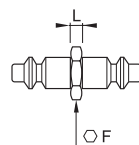


DN	ØD	ØD1		L	Kg
	4	6	0185 04 00	22.5	0.014
5	7	9	0185 07 00	22.5	0.017
	10	12.2	0185 10 00	22.5	0.013

Probe without shut-off

0189 Double Probe

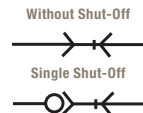
Zinc-plated blister steel



DN		F	L	Kg
5	0189 05 00	12	4	0.025

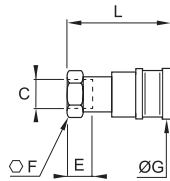
Probe without shut-off

Midi Series



0172 Coupler, Female BSPP Thread

Nickel-plated brass, NBR

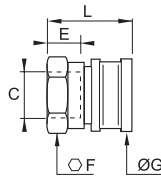


DN	C		E	F	G	L	Kg
12	G3/8	0172 12 17	16	27	29	56	0.155
	G1/2	0172 12 21	16	27	29	56	0.142

Midi Series: single shut-off = 2200 NI/min

2272 Coupler, Straight-Through, Female BSPP Thread

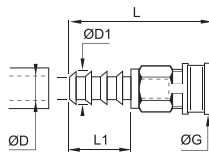
Nickel-plated brass, NBR



DN	C		E	F	G	L	Kg
12	G1/2	2272 12 21	10	24	29	33	0.066
	G3/4	2272 12 27	10	30	29	34.5	0.074
	G1	2272 12 34	10	36	29	34.5	0.081

2511 Coupler with Barb Connection for Hose

Nickel-plated brass, NBR

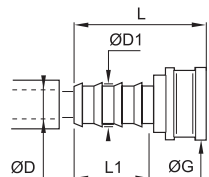


DN	ØD	ØD1		G	L	L1	Kg
12	12	13.5	2511 12 12	29	75	32	0.145
	15	16.5	2511 12 15	29	75	32	0.147
	19	20.5	2511 12 19	29	81	38	0.160

Midi Series: single shut-off = 2200 NI/min

2297 Coupler, Straight-Through, with Barb Connection for Hose

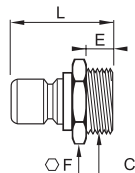
Nickel-plated brass, NBR



DN	ØD	ØD1		G	L	L1	Kg
12	12	13.5	2297 12 12	29	51	27	0.072
	15	16.5	2297 12 15	29	51	27	0.075
	19	20.5	2297 12 19	29	57	33	0.092

2294 Probe, Straight-Through, Male BSPP Thread

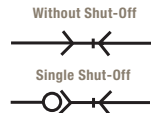
Nickel-plated brass



DN	C		E	F	L	Kg
12	G3/8	2294 12 17	6	22	31.5	0.031
	G1/2	2294 12 21	9.5	22	37	0.044
	G3/4	2294 12 27	13.5	27	41	0.068
	G1	2294 12 34	10.5	34	36	0.071

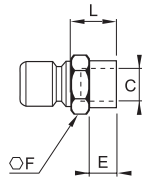
Probe without shut-off

Midi Series



0196 Probe, Straight-Through, Female BSPP Thread

Nickel-plated brass

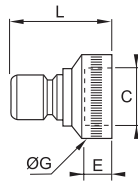


DN	C		E	F	L	Kg
12	G1/4	0196 12 13	12	17	16	0.027
	G3/8	0196 12 17	12	21	15	0.034
	G1/2	0196 12 21	14	26	17	0.051

Probe without shut-off

2296 Probe, Straight-Through, Female BSPP Thread

Nickel-plated brass

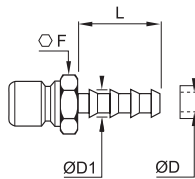


DN	C		E	G	L	Kg
12	G1/2	2296 12 21	11	24	31.5	0.031
	G3/4	2296 12 27	11	30	38	0.058
	G1	2296 12 34	11	36	36.5	0.059

Probe without shut-off

0195 Probe, Straight-Through, with Barb Connection for Flexible Tubing

Nickel-plated brass

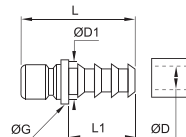


DN	ØD	ØD1		F	L	Kg
12	7	9	0195 07 00	17	29.5	0.027
	10	12.2	0195 10 00	17	29.5	0.028
	13	15.2	0195 13 00	17	29.5	0.030
	16	18.5	0195 16 00	21	36.5	0.048

Probe without shut-off

2295 Probe, Straight-Through, with Barb Connection for Flexible Hose

Nickel-plated brass

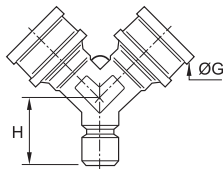


DN	ØD	ØD1		G	L	L1	Kg
12	12	13.5	2295 12 12	17	48	27	0.025
	15	16.5	2295 12 15	18	48	27	0.033
	19	20.5	2295 12 19	24	57	33	0.053

Probe without shut-off

2293 Y Coupler, Straight-Through

Nickel-plated brass, NBR



DN		G	H	Kg
12	2293 12 00	29	27	0.132

Probe without shut-off

Midi Series: straight-through = 2200 NI/min

Midi Series

Without Shut-Off

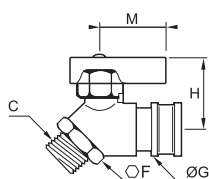


Single Shut-Off



2270 Coupler with Tap, Male BSPP Thread

Nickel-plated brass, NBR

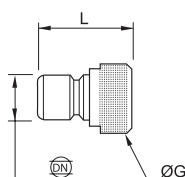


DN	C		F	G	H	M	Kg
12	G1/2	2270 21 00	28	29	40.5	35	0.278

Flow = 2200 NI/min

2203 Plug

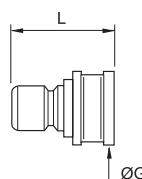
Nickel-plated brass



DN		G	L	Kg
12	2203 12 00	20	34	0.042

2292 Universal Coupler Adaptor

Nickel-plated brass, NBR



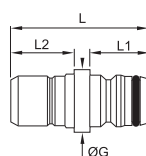
DN		G	L	Kg
12	2292 12 00	29	40.5	0.083

Without shut-off

This adaptor provides interchangeability with numerous components (especially watering accessories).

2398 Universal Probe Adaptor

Nickel-plated brass, NBR



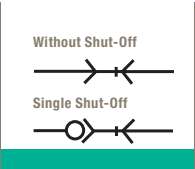
DN		G	L	L1	L2	Kg
12	2398 12 01	20	43	19	18.5	0.035

This adaptor provides interchangeability with numerous components (especially watering accessories).

Metal

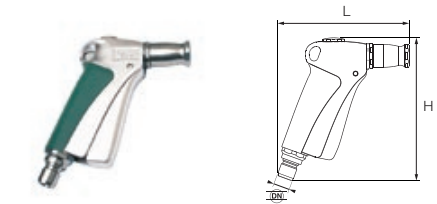
Quick-Acting Couplers

Midi Series



2299 Water Pistol

Zamak, nickel-plated brass, NBR



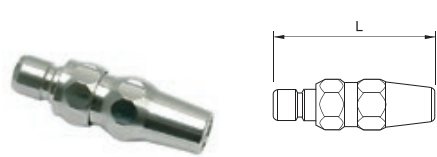
DN			H	L	Kg
12	2299 12 01		140	126	0.468

This pistol allows independent control of:

- the flow rate (trigger)
- type of jet (adjustable to a fine mist) by the adjustable probe

2299 Adjustable Nozzle

Nickel-plated brass, NBR



DN			L	Kg
12	2299 12 20		77.4	0.137

This nozzle allows adjustment of the spray.

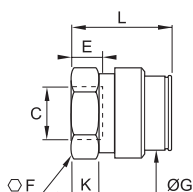
Maxi Series

Without Shut-Off



2272 Coupler, Straight-Through, Female BSPP Thread

Nickel-plated brass, NBR

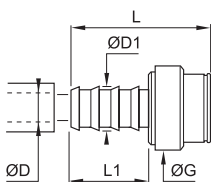


DN	C		E	F	G	K	L	Kg
19	G1	2272 18 34	9	36	42	11	45	0.181

Maxi Series: straight-through = 8500 NI/min

2297 Coupler, Straight-Through with Barb Connection for Hose

Nickel-plated brass, NBR

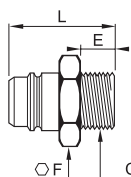


DN	ØD	ØD1		G	L	L1	Kg
19	19	20.7	2297 18 20	39.5	69	37	0.163

Maxi Series: straight-through = 8500 NI/min

2294 Coupler, Straight-Through, Male BSPP Thread

Nickel-plated brass

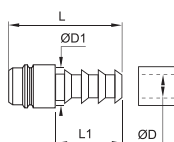


DN	C		E	F	L	Kg
19	G3/4	2294 18 27	10.5	27	42.5	0.070
	G1	2294 18 34	13	34	46	0.102

Probe without shut-off

2295 Coupler, Straight-Through with Barb Connection for Flexible Hose

Nickel-plated brass



DN	ØD	ØD1		L	L1	Kg
19	19	21	2295 18 20	69	41	0.068

Probe without shut-off

Metal

Quick-Acting Couplers

Quick-Acting Coupler Accessories

Parker Legris has developed a range of accessories for quick-acting couplers which save time, **match the product** to the application and **increase the life** of the equipment.

Product Advantages

Performance

- Interchangeability with ISO B probe profile
- Avoids tube twisting
- Facilitates use by following movements
- Robust

Adaptable

Two models depending on the application:

Oscillating fittings:

- angled at 45° and fitted with a ball bearing
- effortless rotation through 360°

Flexible fittings:

- fitted with a ball joint mounted on a lubricated plastic seat
- single connection providing an angle of rotation of 70°
- multiple tees (three connections) providing an angle of rotation of 360°



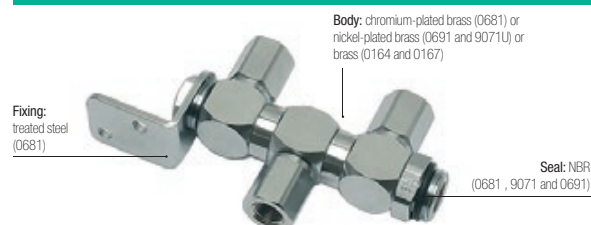
Pneumatics
Water
Workshops
Industrial Machinery

Applications

Technical Characteristics

Compatible Fluids	Industrial fluids
Working Pressure	Oscillating fittings: 0 to 15 bar Flexible fittings: 0 to 10 bar Swivelling multiple tees: 0 to 20 bar
Working Temperature	-5°C to +60°C

Component Materials



Other accessories are available on request:

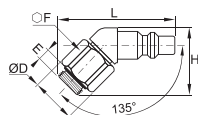
- ISO B rotary fitting, male BSPT
- ISO B jointed fitting, male BSPP
- multiple tee with 2 outlets, female male BSPP



Quick-Acting Coupler Accessories

9071U Oscillating ISO B Probe, Male BSPP Thread

Treated steel, NBR

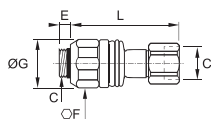


DN	C		E	F	H	L	Kg
6	G1/4	9071U06 13	5.5	19	30	52	0.066
8	G1/4	9071U08 13	5.5	19	30	52	0.064

200 parts per box (minimum of order)

0691 Flexible Fitting, Female/Male BSPP Thread

Treated steel, NBR

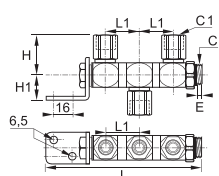


DN	C		E	F	G	L	Kg
5.5	G1/4	0691 13 13	5.5	24	25.5	56	0.090

NBR Sleeve

0681 Multiple Tee with 3 Female Outlets, Male/Female BSPP Thread

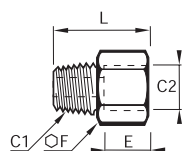
Chromium-plated brass, NBR



C	C1		E	H	H1	L	L1	Kg
G1/2	G1/4	0681 13 21	7.5	36	24	138.5	30	0.430

0164 Adaptor, Male NPT/Female BSPP Thread

Brass

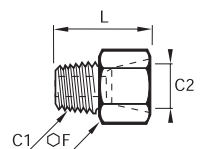


C1	C2		E	F	L	Kg
NPT1/8	G1/8	0164 11 10	7.5	14	20	0.015
NPT1/4	G1/4	0164 14 13	11	17	27.5	0.028
NPT3/8	G3/8	0164 18 17	11.5	22	28.5	0.044
NPT1/2	G1/2	0164 22 21	15	27	36.5	0.082
NPT3/4	G3/4	0164 28 27	16.5	32	38.5	0.110

Adaptor for female socket of quick-acting mould couplers

0167 Adaptor, Male BSPT/Female NPT Thread

Brass



C1	C2		F	L	Kg
R1/8	NPT1/8	0167 10 11	14	21	0.016
R1/4	NPT1/4	0167 13 14	17	28.5	0.029
R3/8	NPT3/8	0167 17 18	22	29.5	0.047
R1/2	NPT1/2	0167 21 22	27	37.5	0.088
R3/4	NPT3/4	0167 27 28	32	39.5	0.120

Adaptor for female socket of quick-acting mould couplers