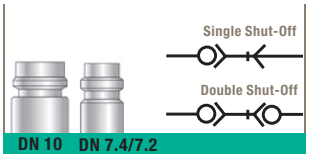
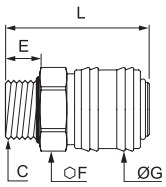
European Profile

25, 26 and 27 Series



9101 Coupler, Male BSPP Thread

Nickel-plated brass, NBR

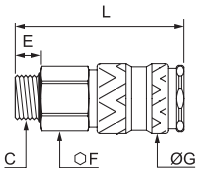


DN	C		E	F	G	L	kg
7.2	G1/8	9101 26 10	9	22	27	43	0.073
	G1/4	9101 26 13	9	22	27	43	0.073
	G3/8	9101 26 17	9	22	27	13	0.075
	G1/2	9101 26 21	12	22	27	46	0.087

26 Series (DN 7.2): single shut-off = 1000 Nl/min

9201 Coupler, Male BSPP Thread

Nickel-plated brass, NBR

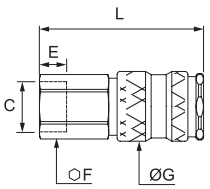


DN	C		E	F	G	L	kg
7.4	G1/4	9201 25 13	9	19	23	57	0.095
	G3/8	9201 25 17	9	19	23	57	0.097
	G1/2	9201 25 21	12	22	23	60	0.135
10	G3/8	9201 27 17	9	24	27	65	0.160
	G1/2	9201 27 21	12	24	27	70	0.166
	G3/4	9201 27 27	16	27	27	74	0.239

25 Series (DN 7.4): single shut-off = 1800 Nl/min / 25 Series (DN 7.4): double shut-off = 710 NL/min
27 Series (DN 10): single shut-off = 2400 Nl/min / 27 Series (DN 7.4): double shut-off = 900 NL/min

9214 Coupler, Female BSPP Thread

Nickel-plated brass, NBR

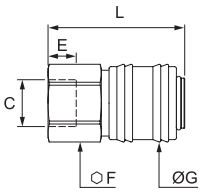


DN	C		E	F	G	L	kg
7.4	G1/4	9214 25 13	9	19	23	55	0.098
	G3/8	9214 25 17	9	19	23	55	0.092
	G1/2	9214 25 21	12	24	23	57	0.124
10	G3/8	9214 27 17	12	24	27	68	0.177
	G1/2	9214 27 21	12	24	27	68	0.166
	G3/4	9214 27 27	16	32	27	74	0.255

25 Series (DN 7.4): single shut-off = 1800 Nl/min / 25 Series (DN 7.4): double shut-off = 710 NL/min
27 Series (DN 10): single shut-off = 2400 Nl/min / 27 Series (DN 7.4): double shut-off = 900 NL/min

9114 Coupler, Female BSPP Thread

Nickel-plated brass, NBR

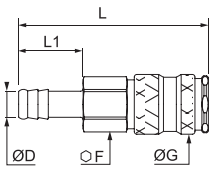


DN	C		E	F	G	L	kg
7.2	G1/4	9114 26 13	9	22	27	43	0.089
	G3/8	9114 26 17	9	22	27	43	0.084
	G1/2	9114 26 21	12	24	27	46	0.090

26 Series (DN 7.2): single shut-off = 1000 Nl/min

9223 Coupler with Barb Connection

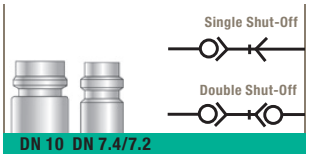
Nickel-plated brass, NBR



DN	ØD		F	G	L	L1	kg
7.4	6	9223 25 06	19	23	73	25	0.095
	8	9223 25 08	19	23	73	25	0.097
	10	9223 25 10	19	23	73	25	0.097
	13	9223 25 13	19	23	73	25	0.099
10	8	9223 27 08	24	27	80	21	0.146
	10	9223 27 10	24	27	80	21	0.162
	13	9223 27 13	24	27	80	21	0.164
	19	9223 27 19	24	27	80	21	0.168

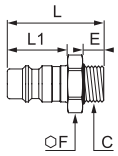
25 Series (DN 7.4): single shut-off = 1800 Nl/min / 25 Series (DN 7.4): double shut-off = 710 NL/min
27 Series (DN 10): single shut-off = 2400 Nl/min / 27 Series (DN 7.4): double shut-off = 900 NL/min

European Profile
25, 26 and 27 Series



9087 Probe, Straight-Through, Male BSPP Thread

Nickel-plated steel, technical polymer

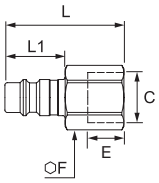


DN	C		E	F	L	L1	kg
7.4	G1/8	9087 25 10	7	13	31	20	0.018
	G1/4	9087 25 13	9	14	34	20	0.018
	G3/8	9087 25 17	9	17	34	20	0.025
	G1/2	9087 25 21	12	22	38	20	0.047
10	G3/8	9087 27 17	9	19	37	22	0.031
	G1/2	9087 27 21	12	22	40	22	0.046
	G3/4	9087 27 27	16	32	45	22	0.085

Probe without shut-off
25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)

9086 Probe, Straight-Through, Female BSPP Thread

Nickel-plated steel

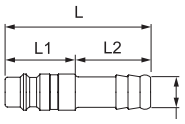


DN	C		E	F	L	L1	kg
7.4	G1/8	9086 25 10	7	14	32	20	0.015
	G1/4	9086 25 13	9	17	38.5	20	0.027
	G3/8	9086 25 17	9	19	33	20	0.027
	G1/2	9086 25 21	12	24	36	20	0.050
10	G3/8	9086 27 17	9	19	34	22	0.026
	G1/2	9086 27 21	12	24	38	22	0.041
	G3/4	9086 27 27	16	32	42	22	0.090

Probe without shut-off
25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)

9085 Probe, Straight-Through, with Barb Connection

Nickel-plated steel

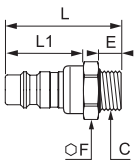


DN	ØD		L	L1	L2	kg
7.4	6	9085 25 06	48	20	25	0.013
	8	9085 25 08	48	20	25	0.015
	9	9085 25 09	48	20	25	0.015
	10	9085 25 10	48	20	25	0.016
	13	9085 25 13	48	20	25	0.020
10	8	9085 27 08	48	22	25	0.021
	10	9085 27 10	48	22	25	0.023
	13	9085 27 13	48	22	25	0.026
	19	9085 27 19	48	22	25	0.038

Probe without shut-off
25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)

9287 Probe, Valved, Male BSPP Thread

Nickel-plated brass, NBR

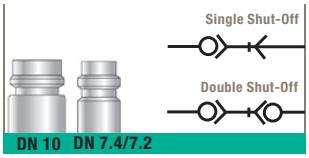


DN	C		E	F	L	L1	kg
7.4	G1/8	9287 25 10	7	22	41	20	0.046
	G1/4	9287 25 13	9	22	43	20	0.046
	G3/8	9287 25 17	9	22	43	20	0.049
	G1/2	9287 25 21	12	22	46	20	0.060
10	G3/8	9287 27 17	9	24	58	22	0.086
	G1/2	9287 27 21	12	24	58	22	0.090
	G3/4	9287 27 27	16	27	62	22	0.132

Probe with shut-off
25 Series probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)

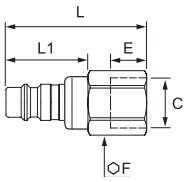
European Profile

25, 26 and 27 Series



9286 Probe, Valved, Female BSPP Thread

Nickel-plated steel, NBR

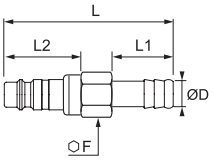


DN	C		E	F	L	L1	kg
7.4	G1/8	9286 25 10	10	22	43	20	0.068
	G1/4	9286 25 13	10	22	43	20	0.062
	G3/8	9286 25 17	10	22	43	20	0.058
	G1/2	9286 25 21	12	24	46	20	0.064
10	G3/8	9286 27 17	9	24	55	22	0.096
	G1/2	9286 27 21	12	24	55	22	0.086
	G3/4	9286 27 27	16	32	58	22	0.149

Probe with shut-off
25 Series Probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)

9285 Probe, Valved, with Barb Connection

Nickel-plated steel, NBR

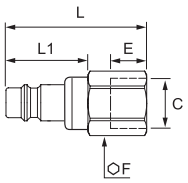


DN	ØD		F	L	L1	L2	kg
7.4	6	9285 25 06	21	60	20	25	0.047
	8	9285 25 08	21	60	20	25	0.048
	10	9285 25 10	21	60	20	25	0.049
	13	9285 25 13	21	60	20	25	0.053
10	8	9285 27 08	24	75	22	25	0.097
	10	9285 27 10	24	75	22	25	0.099
	13	9285 27 13	24	75	22	25	0.103
	19	9285 27 19	24	75	22	25	0.105

Probe with shut-off
25 Series Probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)

9293 Probe, Valved, Anti-Whiplash, Female BSPP Thread

Nickel-plated steel, NBR



DN	C		E	F	L	L1	kg
7.4	G3/8	9293 25 17	10	22	43	20	0.052

Probe with shut-off
25 Series Probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)

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
- Wide variety of male probes
- Extremely compact
- Single or double shut-off models for greater safety
- Special range designed for pneumatic applications: 13 Series to 27
- 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
- Stainless steel version for restrictive environments

Optimum Performance
- Very wide range of flow rates
- "UltraFlo" technology: 18, 22, 23, 25 and 27 series
- Low pressure drop
- Long service life
- Maximum energy efficiency

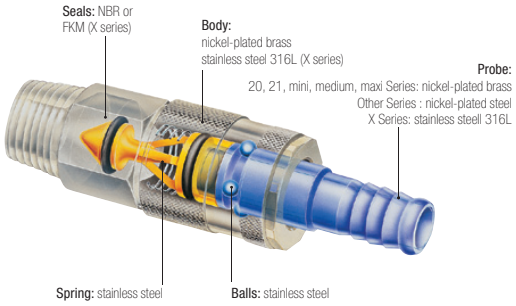
Applications
- Workshops
- Flushing
- Spraying
- Packaging
- Factory Automation
- Filling Systems
- Cleaning

Technical Characteristics

Compatible Fluids	Compressed air, water (see compatibility chart below)
Working Pressure	0 to 20 bar 0 to 35 bar (stainless steel series)
Working Temperature	-20°C to +100°C -15°C to +200°C (stainless steel series)

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

Component Materials



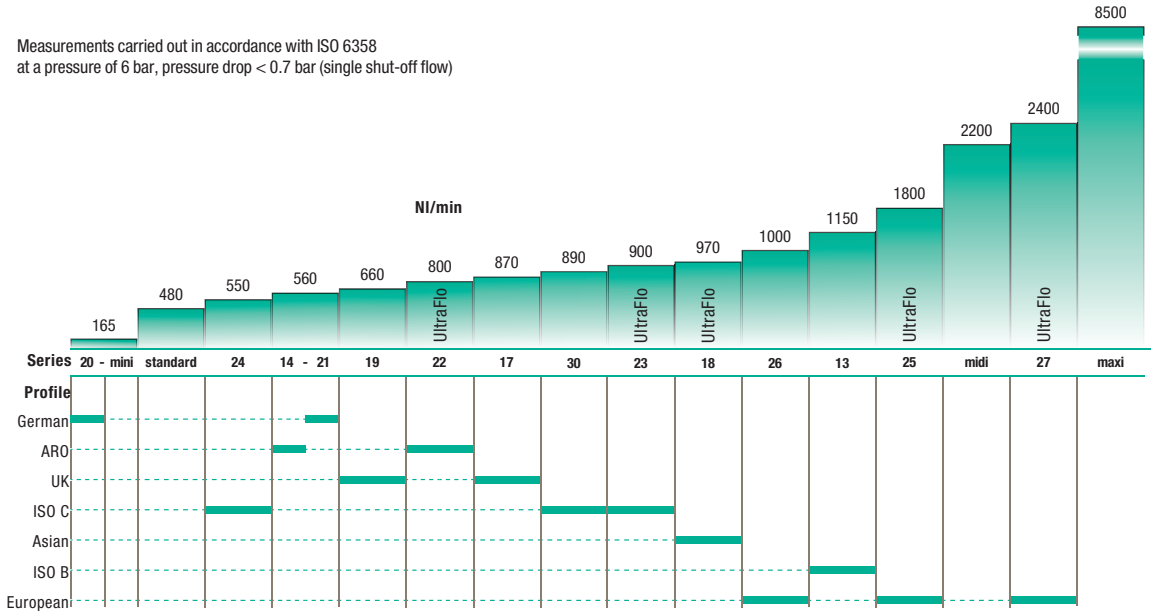
Silicone-free

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Metal Quick-Acting Couplers

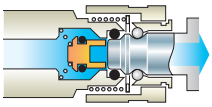
Metal Quick-Acting Coupler Technology and Flow Rates

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



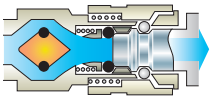
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 Nl/min



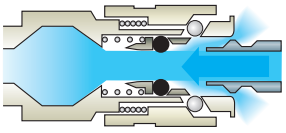
UltraFlo quick-acting coupler

"Optimal flow" technology
Flow: 1700 Nl/min

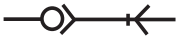


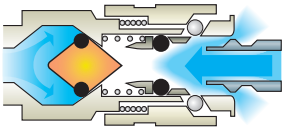
3 Shut-Off Functions

Straight-Through



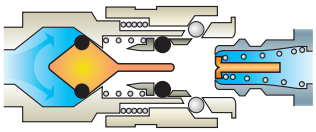
Single Shut-Off





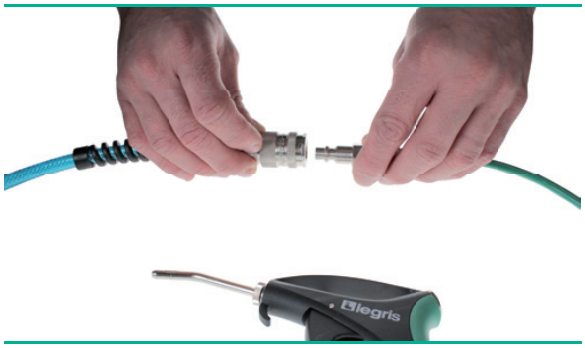
Single shut-off coupler
+ probe without shut-off
When disconnected, the fluid path is closed upstream (body side).

Double Shut-Off

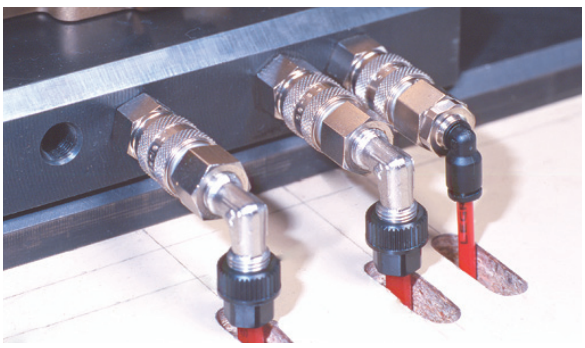


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed upstream (body side) and downstream (probe side).

Operation



Installation Options



Chemical Compatibility Chart for Metal Couplers

Below are the fluids compatible with Parker Legris metal quick-acting couplers.
This list is not exhaustive: if your fluid is not shown here, please contact us.

Acetamide
Ammonium chloride
Ammonium in solution
Argon
ASTM no. 1 oil
ASTM no. 2 oil
ASTM no. 3 oil

Butyl alcohol

Calcium carbonate
Castor oil
Coconut oil
Cod liver oil
Cold ammonium
Corn oil
Cotton seed oil
Cyclohexane

Detergents
Diesel oil
Diethylene glycol

Engine oil
Ethane
Ethanol
Ethyl alcohol
Ethyl silicate
Ethylene glycol

Fuel oil

Gear oil
Glycerin
Glycerol triacetate
Glycol
Groundnut oil

Heating oil (petroleum-based)
Helium
Heptane N
Hexane N
Hexyl alcohol
Hydraulic liquids:
H group
H-L group
H-LP group
HSA group
HSB group
HSD c (T) group in accordance with
DIN 51524 and 51525

Isododecane
Isooctane

Lard
Linseed oil
Methanol
Mineral oil
Neatsfoot oil

N-Heptane
N-Hexane
Nitrogen
N-Pentane

Octadecane
Olive oil

Pentane N
Petroleum
Propyl alcohol
Propylene glycol

Seawater
Silicone grease
Soap solution
Sodium hydroxide
Sodium sulphate
Soya bean oil
Stearyl alcohol

Terebenthine
Trisodium phosphate

Vaseline
Vaseline oil
Vegetable oil

Water
Wood oil
Zinc chloride

The above recommendations are given in good faith. However, since each application is different, it is advisable to undertake tests in actual working conditions.

Quick-Acting Coupler Part Numbers

Standard Product

9401 U 06 13

Coupler

Shut-Off

Coupler
0 = straight-through
1 = single shut-off
2 = double shut-off
4 = with safety

Probe
0 = straight-through
2 = shut-off

Configuration

Coupler
01 = Male Connector BSPP Thread
05 = Male Connector BSPT Thread
...
Probe
85 = Hose Barb Connector
86 = Female Connector BSPP Thread
...

Coupler type

U = C 9000: ISO B
A = C 9000: ARO
E = C 9000: European
X = stainless steel coupler
␣ = "blank" for metal coupler

Series

C 9000 Coupler
U**06** = ISO B series, 5.5 mm bore, 1250 Nl/min
E**07** = European series, 7.2 mm bore, 2000 Nl/min
...
Metal Coupler
␣ **13** = 13 series, 7.5 mm bore, 1150 Nl/min
␣ **25** = 25 series, 7.4 mm bore, 1800 Nl/min
...

Connection

Thread
19 = M5
10 = 1/8"
13 = 1/4"
17 = 3/8"
21 = 1/2"

Tube I.D.
03 = 3 mm
04 = 4 mm
...
19 = 19 mm