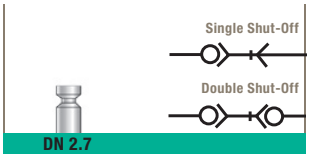
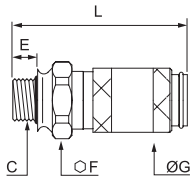
German Profile
20 Series



9201 Coupler, Male BSPP and Metric Thread



Nickel-plated brass, NBR



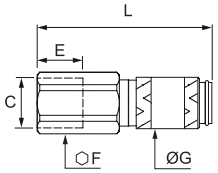
DN	C		E	F	G	L	kg
2.7	M5x0.8	9201 20 19	5	9	10	26	0.009
	G1/8	9201 20 10	7	11	10	28	0.012

20 Series (DN 2.7): single shut-off = 165 Nl/min
20 Series (DN 2.7): double shut-off = 130 Nl/min

9214 Coupler, Female BSPP and Metric Thread



Nickel-plated brass, NBR



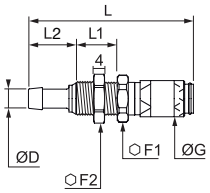
DN	C		E	F	G	L	kg
2.7	M5x0.8	9214 20 19	5	9	10	25	0.010
	G1/8	9214 20 10	7	12	10	28	0.013

20 Series (DN 2.7): single shut-off = 165 Nl/min
20 Series (DN 2.7): double shut-off = 130 Nl/min

9226 Coupler, Bulkhead Mountable, with Barb Connection



Nickel-plated brass, NBR



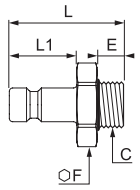
DN	ØD		F1	F2	G	L	L1	L2	kg
2.7	3	9226 20 03	12	11	10	51	17	13	0.015
	4	9226 20 04	12	11	10	51	17	13	0.016

20 Series (DN 2.7): single shut-off = 165 Nl/min
20 Series (DN 2.7): double shut-off = 130 Nl/min

9087 Probe, Straight-Through, Male BSPP and Metric Thread



Nickel-plated brass



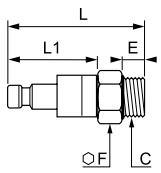
DN	C		E	F	L	L1	kg
2.7	M5x0.8	9087 20 19	5	7	18	10	0.002
	G1/8	9087 20 10	7	11	18	10	0.005

Probe without shut-off

9287 Probe, Valved, Male BSPP and Metric Thread



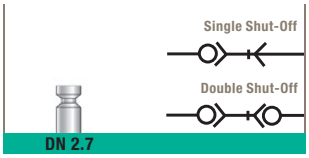
Nickel-plated brass, NBR



DN	C		E	F	L	L1	kg
2.7	M5x0.8	9287 20 19	5	7	28	10	0.006
	G1/8	9287 20 10	7	11	30	10	0.009

Probe with shut-off

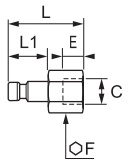
German Profile
20 Series



9086 Probe, Straight-Through, Female BSPP and Metric Thread



Nickel-plated brass



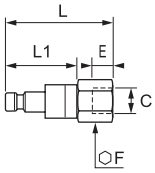
DN	C		E	F	L	L1	kg
2.7	M5x0.8	9086 20 19	5	7	17	10	0.003
	G1/8	9086 20 10	7	12	19	10	0.006

Probe without shut-off

9286 Probe, Valved, Female BSPP and Metric Thread



Nickel-plated brass, NBR



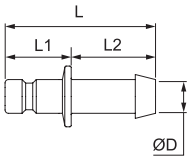
DN	C		E	F	L	L1	kg
2.7	M5x0.8	9286 20 19	5	7	27	10	0.007
	G1/8	9286 20 10	7	12	30	10	0.010

Probe with shut-off

9085 Probe, Straight-Through, with Barb Connection



Nickel-plated brass



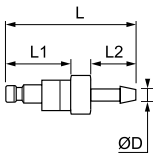
DN	ØD		L	L1	L2	kg
2.7	3	9085 20 03	24	10	13	0.002
	4	9085 20 04	24	10	13	0.002
	5	9085 20 05	24	9	13	0.003

Probe without shut-off

9285 Probe, Valved, with Barb Connection



Nickel-plated brass, NBR



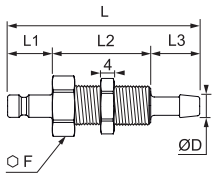
DN	ØD		L	L1	L2	kg
2.7	3	9285 20 03	37	10	13	0.007
	4	9285 20 04	37	10	13	0.007
	5	9285 20 05	37	10	13	0.007

Probe with shut-off

9095 Probe, Straight-Through, Bulkhead Mountable, with Barb Connection



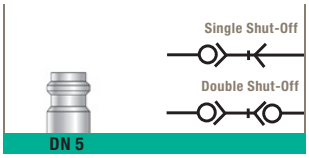
Nickel-plated brass



DN	ØD		F	L	L1	L2	L3	kg
2.7	3	9095 20 03	11	44	10	17	13	0.012
	4	9095 20 04	11	44	10	17	13	0.012

Probe without shut-off

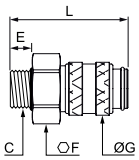
German Profile
21 Series



9201 Coupler, Male BSPP Thread



Nickel-plated brass, NBR



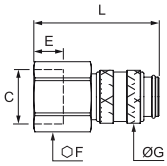
DN	C		E	F	G	L	kg
5	G1/8	9201 21 10	7	14	16	36	0.027
	G1/4	9201 21 13	9	17	16	38	0.036

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

9214 Coupler, Female BSPP Thread



Nickel-plated brass, NBR



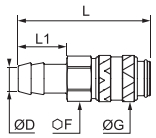
DN	C		E	F	G	L	kg
5	G1/8	9214 21 10	9	14	16	36	0.030
	G1/4	9214 21 13	7	17	16	38	0.040

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

9223 Coupler with Barb Connection



Nickel-plated brass, NBR



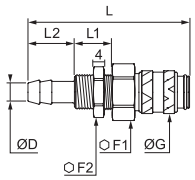
DN	ØD		F	G	L	L1	kg
5	4	9223 21 04	14	16	46	17	0.027
	6	9223 21 06	14	16	46	17	0.027
	8	9223 21 08	14	16	46	17	0.028

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

9226 Coupler, Bulkhead Mountable, with Barb Connection



Nickel-plated brass, NBR



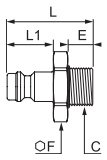
DN	ØD		F1	F2	G	L	L1	L2	kg
5	4	9226 21 04	14	14	16	60	14	17	0.034
	6	9226 21 06	17	17	16	60	14	17	0.048
	8	9226 21 08	17	17	16	60	14	17	0.047

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

9087 Probe, Straight-Through, Male BSPP Thread



Nickel-plated brass



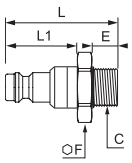
DN	C		E	F	L	L1	kg
5	G1/8	9087 21 10	7	14	25	14	0.012
	G1/4	9087 21 13	9	17	28	14	0.019

Probe without shut-off

9287 Probe, Valved, Male BSPP Thread



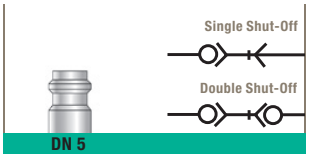
Nickel-plated brass, NBR



DN	C		E	F	L	L1	kg
5	G1/8	9287 21 10	7	14	40	14	0.023
	G1/4	9287 21 13	9	17	42	14	0.031

Probe with shut-off

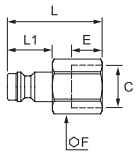
German Profile
21 Series



9086 Probe, Straight-Through, Female BSPP Thread



Nickel-plated brass



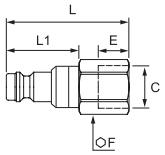
DN	C		E	F	L	L1	kg
5	G1/8	9086 21 10	8	14	25	14	0.014
	G1/4	9086 21 13	9	17	26	14	0.018

Probe without shut-off

9286 Probe, Valved, Female BSPP Thread



Nickel-plated brass, NBR



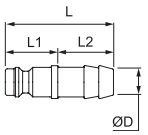
DN	C		E	F	L	L1	kg
5	G1/8	9286 21 10	8	14	40	14	0.025
	G1/4	9286 21 13	9	17	42	14	0.035

Probe with shut-off

9085 Probe, Straight-Through, with Barb Connection



Nickel-plated brass



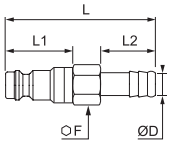
DN	ØD		L	L1	L2	kg
5	4	9085 21 04	32	14	17	0.006
	6	9085 21 06	32	14	17	0.008
	8	9085 21 08	32	14	17	0.009

Probe without shut-off

9285 Probe, Valved, with Barb Connection



Nickel-plated brass, NBR



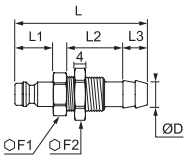
DN	ØD		F	L	L1	L2	kg
5	4	9285 21 04	14	50	14	17	0.022
	6	9285 21 06	14	50	14	17	0.023
	8	9285 21 08	14	50	14	17	0.024

Probe with shut-off

9095 Probe, Straight-Through, Bulkhead Mountable with Barb Connection



Nickel-plated brass



DN	ØD		F1	F2	L	L1	L2	L3	kg
5	4	9095 21 04	14	14	50	14	14	17	0.019
	6	9095 21 06	14	17	50	14	14	17	0.027
	8	9095 21 08	14	17	50	14	14	17	0.028

Probe without shut-off

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



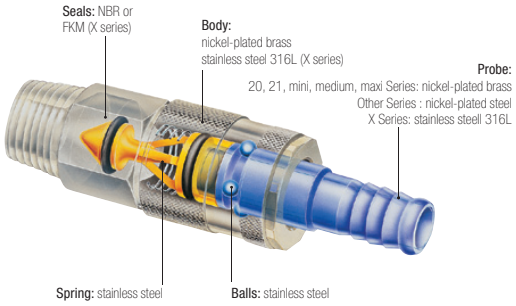
Applications
- Workshops
- Flushing
- Spraying
- Packaging
- Factory Automation
- Filling Systems
- Cleaning

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



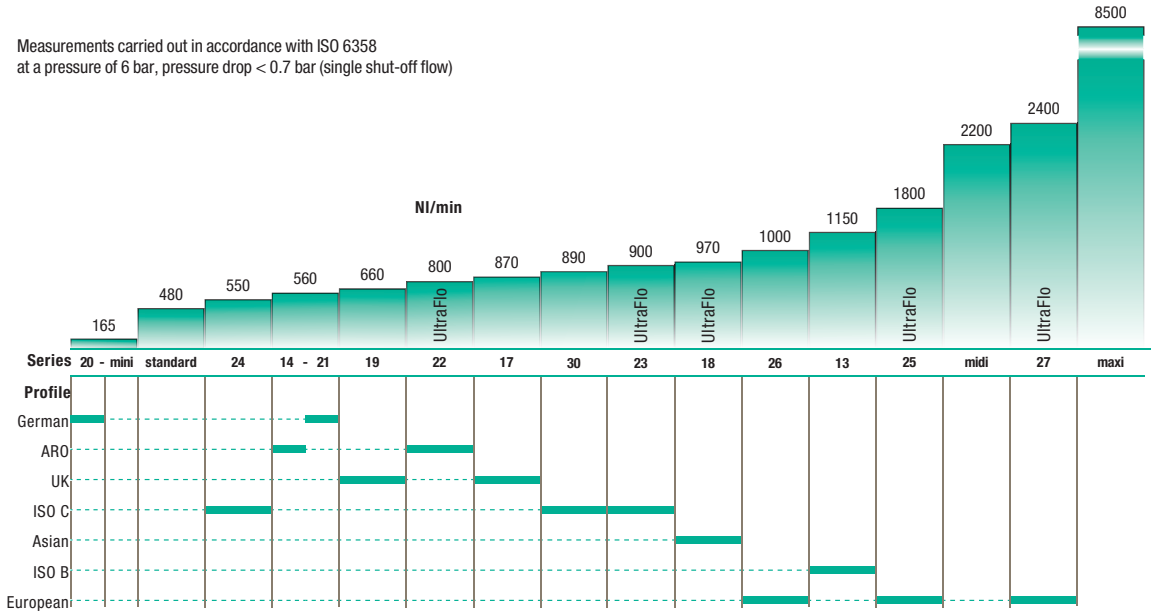
Silicone-free

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

Metal Quick-Acting Couplers

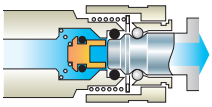
Metal Quick-Acting Coupler Technology and Flow Rates

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



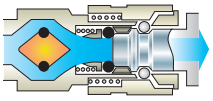
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 Nl/min



UltraFlo quick-acting coupler

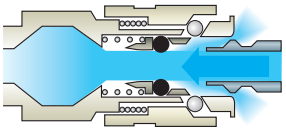
"Optimal flow" technology
Flow: 1700 Nl/min



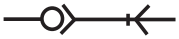
3 Shut-Off Functions

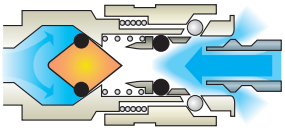
Straight-Through





Single Shut-Off

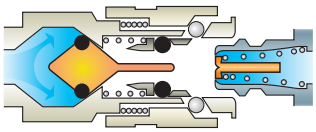




Single shut-off coupler
+ probe without shut-off
When disconnected, the fluid path is closed upstream (body side).

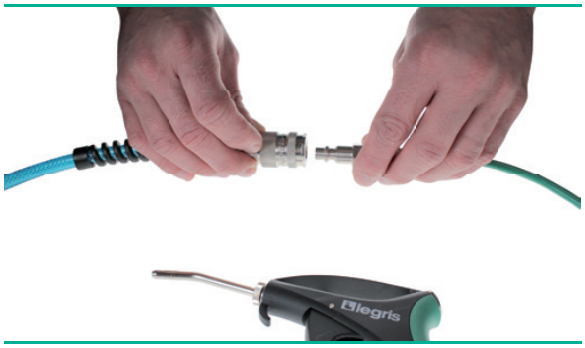
Double Shut-Off



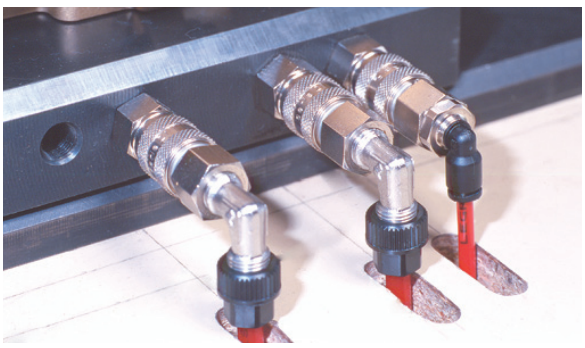


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed upstream (body side) and downstream (probe side).

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

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