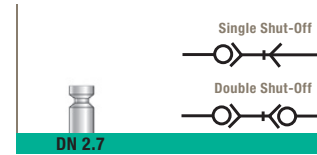


German Profile

20 Series



9201 Coupler, Male BSPP and Metric Thread

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

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

9214 Coupler, Female BSPP and Metric Thread

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

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

9226 Coupler, Bulkhead Mountable, with Barb Connection

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

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

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

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

Probe without shut-off

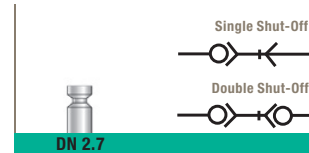
9287 Probe, Valved, Male BSPP and Metric Thread

	Nickel-plated brass, NBR 	DN C 2.7 M5x0.8 9287 20 19 G1/8 9287 20 10	E	F	L	L1	kg
			5	7	28	10	0.006
			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

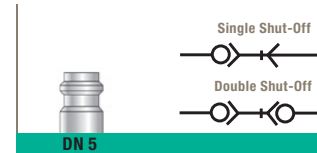
	Nickel-plated brass, NBR		DN	ØD		L	L1	L2	kg	
			2.7	3	9285 20 03	37	10	13	0.007	
				4	9285 20 04	37	10	13	0.007	
				5	9285 20 05	37	10	13	0.007	
Probe with shut-off										

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		$\overline{\text{DN}}$	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 NI/min
21 Series (DN 5): double shut-off = 310 NI/min

9214 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	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 NI/min
21 Series (DN 5): double shut-off = 310 NI/min

9223 Coupler with Barb Connection

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	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 NI/min
21 Series (DN 5): double shut-off = 310 NI/min

9226 Coupler, Bulkhead Mountable, with Barb Connection

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	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 NI/min
21 Series (DN 5): double shut-off = 310 NI/min

9087 Probe, Straight-Through, Male BSPP Thread

	Nickel-plated brass		$\overline{\text{DN}}$	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

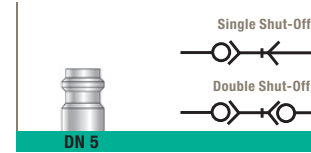
9287 Probe, Valved, Male BSPP Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	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		$\overline{\text{DN}}$	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		$\overline{\text{DN}}$	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		$\overline{\text{DN}}$	$\emptyset D$		L	L1	L2	kg	
			5	4	9085 21 04	32	14	17	0.006	
				6	9085 21 06	32	14	17	0.008	
Probe without shut-off										

9285 Probe, Valved, with Barb Connection

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	$\emptyset D$		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
Probe with shut-off										

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

	Nickel-plated brass		$\overline{\text{DN}}$	$\emptyset D$		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
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



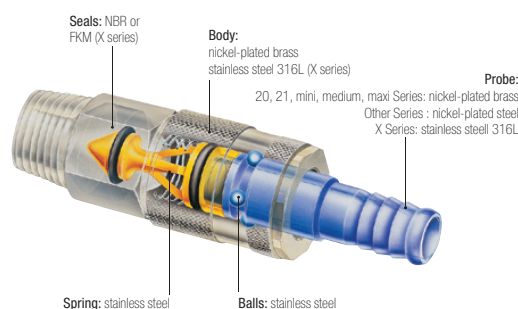
- Applications**
- Workshops
 - Flushing
 - Spraying
 - Packaging
 - Factory Automation
 - Filling Systems
 - Cleaning

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

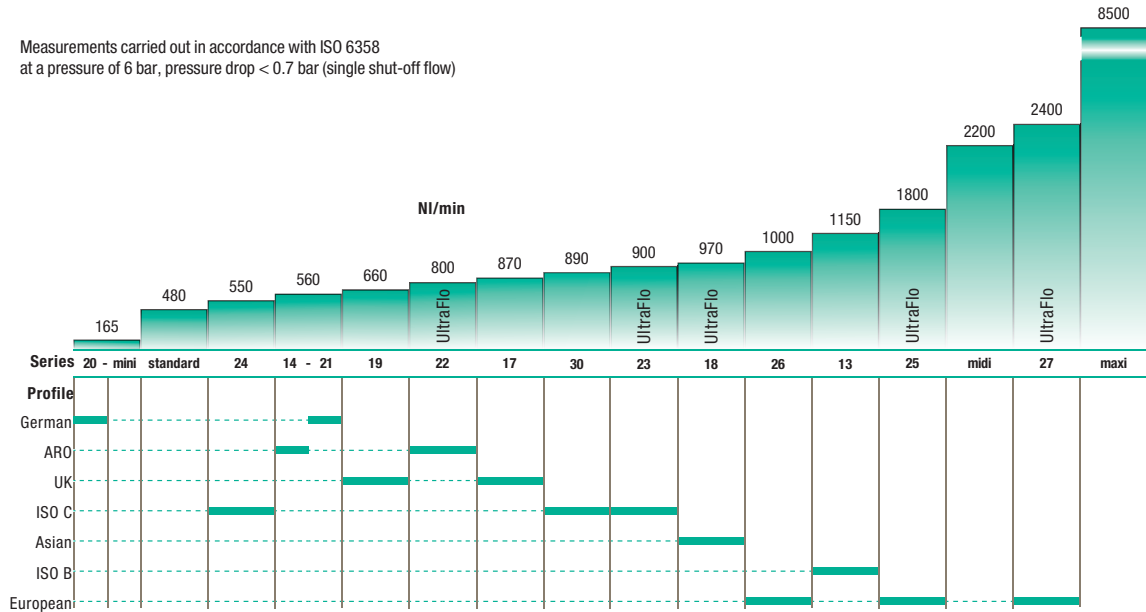


Silicone-free

Metal Quick-Acting Couplers

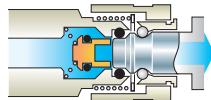
Metal Quick-Acting Coupler Technology and Flow Rates

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



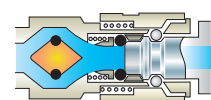
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 NI/min



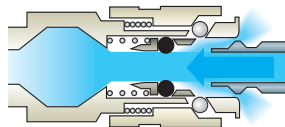
UltraFlo quick-acting coupler

"Optimal flow" technology
Flow: 1700 NI/min

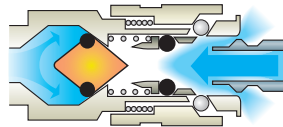
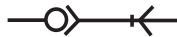


3 Shut-Off Functions

Straight-Through

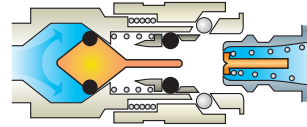


Single Shut-Off



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

Double Shut-Off

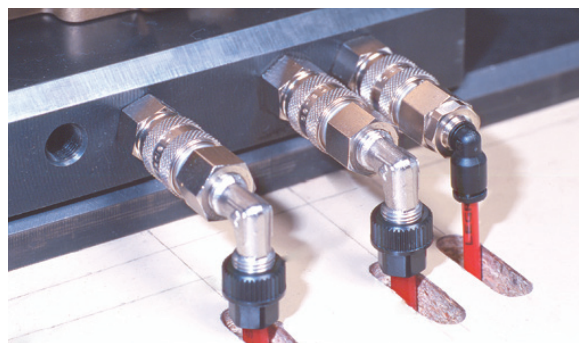


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed
upstream (body side) and downstream (probe side).

Operation



Installation Options



Metal

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.

A

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

B

C

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

D

Detergents
Diesel oil
Diethylene glycol

E

Engine oil
Ethane
Ethanol
Ethyl alcohol
Ethyl silicate
Ethylene glycol

F

G

Fuel oil
Gear oil
Glycerin
Glycerol triacetate
Glycol
Groundnut oil

H

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

I

Isododecane

Isooctane

L

Lard

Linseed oil

Methanol

Mineral oil

Neatsfoot oil

N

N-Heptane

N-Hexane

Nitrogen

N-Pentane

O

Octadecane

Olive oil

P

Pentane N

Petroleum

Propyl alcohol

Propylene glycol

S

Seawater

Silicone grease

Soap solution

Sodium hydroxide

Sodium sulphate

Soya bean oil

Stearyl alcohol

T

Terebenthine

Trisodium phosphate

V

Vaseline

Vaseline oil

Vegetable oil

W

Water

Wood oil

Z

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

