
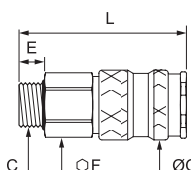




ISO B Profile

23, 24 and 30 Series



9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR									
			5.5	G1/4	9101 23 13	9	19	23	57	0.091
				G3/8	9101 23 17	9	19	23	57	0.093
				G1/2	9101 23 21	12	22	23	60	0.132
23 Series (DN 5.5): single shut-off = 900 NI/min										

9101 Coupler, Male BSPP Thread

Nickel-plated brass, NBR

C

E

F

G

L

kg

5.5

G1/4
G3/8
G1/2

9101 24 13
9101 24 17
9101 24 21

9 22 27 43 0.079
9 22 27 43 0.082
12 24 27 46 0.093

8.5


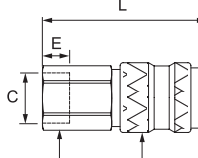


G1/4
G3/8
G1/2

9101 30 13
9101 30 17
9101 30 21

9 22 29 49 0.097
9 22 29 49 0.099
12 22 29 52 0.110

24 Series (DN 5.5): single shut-off = 550 NI/min
30 Series (DN 8.5): single shut-off = 890 NI/min

9114 Coupler, Female BSPP Thread

	<p>Nickel-plated brass, NBR</p> 		C		E	F	G	L	kg	
		5.5	G1/4	9114 23 13	9	19	23	55	0.095	
			G3/8	9114 23 17	9	19	23	55	0.087	
			G1/2	9114 23 21	12	24	23	57	0.120	
23 Series (DN 5.5): single shut-off = 900 NI/min										

9114 Coupler, Female BSPP Thread

Nickel-plated brass, NBR

C

E

F

G

L

kg

5.5

G1/4

9114 24 13

9

22

27

43

0.096

G3/8

9114 24 17

9

22

27

43

0.091

G1/2

9114 24 21

12

24

27

46

0.098

8.5

G1/4

9114 30 13

9

22

29

49

0.113

G3/8

9114 30 17

9

22

29

49

0.107

G1/2

9114 30 21

12

24

29


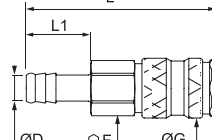


52

0.115

24 Series (DN 5.5): single shut-off = 550 NI/min

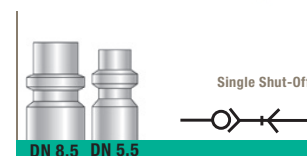
30 Series (DN 8.5): single shut-off = 890 NI/min

9123 Coupler with Barb Connection

	<p>Nickel-plated brass, NBR</p> 		ØD		F	G	L	L1	kg
		6	9123 23 06	19	23	73	25	0.091	
		8	9123 23 08	19	23	73	25	0.092	
		10	9123 23 10	19	23	73	25	0.094	
23 Series (DN 5.5): single shut-off = 900 NI/min									

ISO B Profile

23, 24 and 30 Series



9123 Coupler with Barb Connection

DN	ØD						
			F	G	L	L1	kg
5.5	6	9123 24 06	21	27	60	25	0.081
	8	9123 24 08	21	27	60	25	0.082
	10	9123 24 10	21	27	60	25	0.082
8.5	8	9123 30 08	22	30	66	25	0.098
	10	9123 30 10	22	30	66	25	0.098
	13	9123 30 13	22	30	66	25	0.103

24 Series (DN 5.5): single shut-off = 550 NI/min
30 Series (DN 8.5): single shut-off = 890 NI/min

9087 Probe, Straight-Through, Male BSPP Thread

DN	C						
			E	F	L	L1	kg
5.5	G1/8	9087 23 10	9	13	39	24	0.017
	G1/4	9087 23 13	9	17	38	24	0.025
	G3/8	9087 23 17	9	19	38	24	0.032
8.5	G1/2	9087 23 21	12	22	42	24	0.048
	G1/4	9087 30 13	9	17	42	28	0.030
	G3/8	9087 30 17	9	19	42	28	0.036
	G1/2	9087 30 21	12	24	46	28	0.058

Probe without shut-off
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

9086 Probe, Straight-Through, Female BSPP Thread

DN	C						
			E	F	L	L1	kg
5.5	G1/8	9086 23 10	9	17	36	24	0.021
	G1/4	9086 23 13	9	17	36	24	0.025
	G3/8	9086 23 17	9	19	36	24	0.025
8.5	G1/2	9086 23 21	12	24	39	24	0.039
	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
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

9085 Probe, Straight-Through, with Barb Connection

DN	ØD					
			L	L1	L2	kg
5.5	6	9085 23 06	51	24	25	0.016
	8	9085 23 08	51	27	25	0.017
	10	9085 23 10	51	24	25	0.018
8.5	8	9085 30 08	55	28	25	0.027
	10	9085 30 10	55	28	25	0.028
	13	9085 30 13	55	28	25	0.031

Probe without shut-off
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

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

DN	C						
			E	F	L	L1	kg
5.5	G1/4	9293 23 13	10	22	47	24	0.058

Probe with 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
Robust & Reliable	Extremely compact
	Single or double shut-off models for greater safety
Optimum Performance	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
Optimum Performance	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
Optimum Performance	Low pressure drop
	Long service life
Optimum Performance	Maximum energy efficiency



Applications

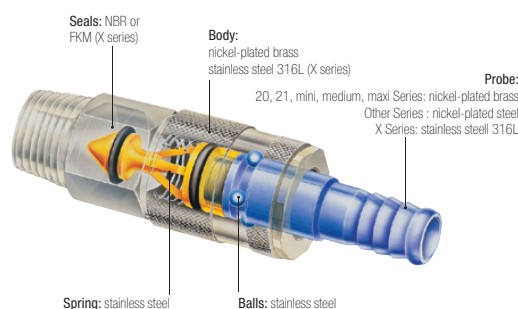
- Workshops
- Flushing
- Spraying
- Packaging
- Factory Automation
- Filling Systems
- Cleaning

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

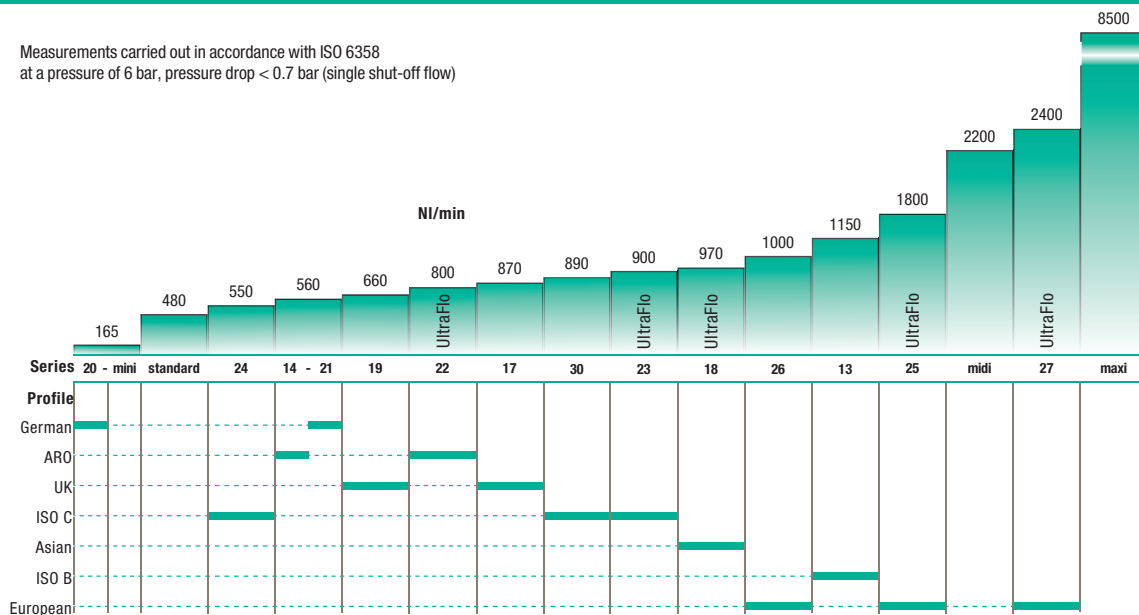


Silicone-free

Metal Quick-Acting Couplers

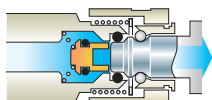
Metal Quick-Acting Coupler Technology and Flow Rates

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



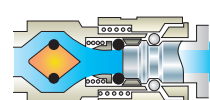
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 NI/min



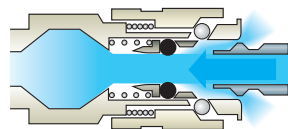
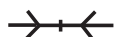
UltraFlo quick-acting coupler

"Optimal flow" technology
Flow: 1700 NI/min

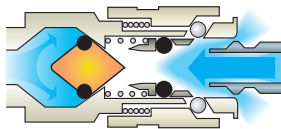
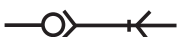


3 Shut-Off Functions

Straight-Through

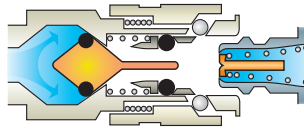
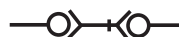


Single Shut-Off



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

Double Shut-Off

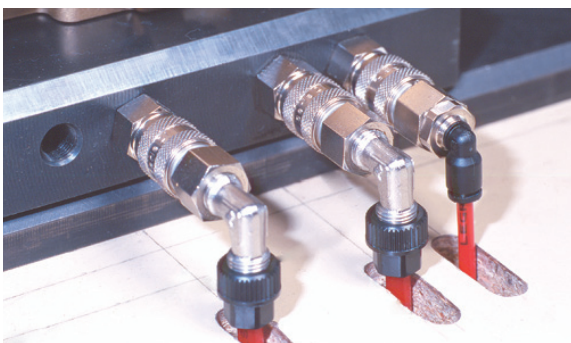


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed
upstream (body side) and downstream (probe side).

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

N

Neatsfoot oil

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

