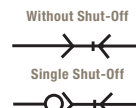


Midi Series



0172 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		DN	C		E	F	G	L	kg
12						16	27	29	56	0.155
						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						10	24	29	33	0.072
						10	30	29	34.5	0.074
						10	36	29	34.5	0.087

2511 Coupler with Barb Connection for Hose

	Nickel-plated brass, NBR		DN	ØD	ØD1		G	L	L1	kg
12							29	75	32	0.146
							29	75	32	0.147
							29	81	38	0.159

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

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

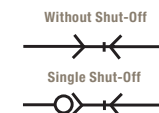
	Nickel-plated brass, NBR		DN	ØD	ØD1		G	L	L1	kg
12							29	51	27	0.073
							29	51	27	0.076
							29	57	33	0.090

2294 Probe, Straight-Through, Male BSPP Thread




	Nickel-plated brass		DN	C		E	F	L	kg
12						6	22	31.5	0.031
						9.5	22	37	0.044
						13.5	27	41	0.068
						10.5	34	36	0.072

Probe without shut-off






Midi Series




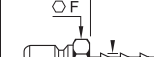


0196 Probe, Straight-Through, Female BSPP Thread

			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	0.050			
Probe without shut-off									


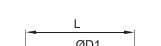


2296 Probe, Straight-Through, Female BSPP Thread

	<p>Nickel-plated brass</p> 	<table><thead><tr><th>DN</th><th>C</th><th></th><th>E</th><th>G</th><th>L</th><th>kg</th></tr></thead><tbody><tr><td rowspan="3">12</td><td>G1/2</td><td>2296 12 21</td><td>11</td><td>24</td><td>31.5</td><td>0.031</td></tr><tr><td>G3/4</td><td>2296 12 27</td><td>11</td><td>30</td><td>38</td><td>0.058</td></tr><tr><td>G1</td><td>2296 12 34</td><td>11</td><td>36</td><td>36.5</td><td>0.058</td></tr></tbody></table>						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	0.058
		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	0.058																											
Probe without shut-off																																	

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

	<p>Nickel-plated brass</p> 		ØD	ØD1		F	L	kg
12	7	9	0195 07 00	17	29.5	0.026		
	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								

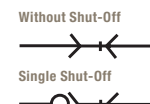
2295 Probe, Straight-Through, with Barb Connection for Flexible Hose

	<p>Nickel-plated brass</p> 		ØD	ØD1		G	L	L1	kg
		12	12	13.5	2295 12 12	17	48	27	0.026
			15	16.5	2295 12 15	18	48	27	0.034
			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					29	27	0.139
Probe without shut-off Midi Series: straight-through = 2200 Nl/min							

Midi Series



2270 Coupler with Tap, Male BSPP Thread

	Nickel-plated brass, NBR			C		F	G	H	M	kg
			12	G1/2	2270 21 00	28	29	40.5	35	0.272
			Flow = 2200 Nl/min							

2203 Plug

	Nickel-plated brass				G	L	kg
			12	2203 12 00	20	34	0.042

2292 Universal Coupler Adaptor

	Nickel-plated brass, NBR				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				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).						

2299 Water Pistol

	Zamak, Nickel-plated brass, NBR				H	L	kg
			12	2299 12 01	140	126	0.471
			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				L	kg
			12	2299 12 20	77.4	0.137
			This nozzle allows adjustment of the spray.			

Metal

Quick-Acting Couplers

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
Robust & Reliable	Special range designed for pneumatic applications: 13 Series to 27
	Special range designed for the transmission of water and fluids: Midi and Maxi series
	100% leak-tested in production
	Excellent shock and impact resistance
Optimum Performance	Nickel-plated brass for corrosion resistance
	Stainless steel version for restrictive environments
	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

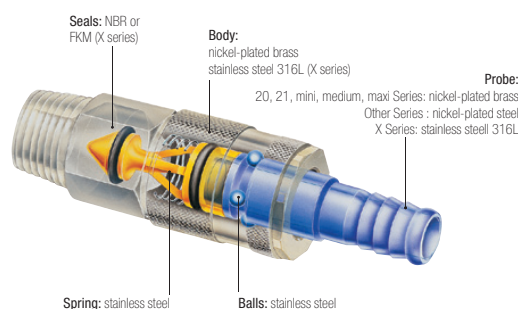
- Workshops
- Flushing
- Spraying
- Packaging
- Factory Automation
- Filling Systems
- Cleaning

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

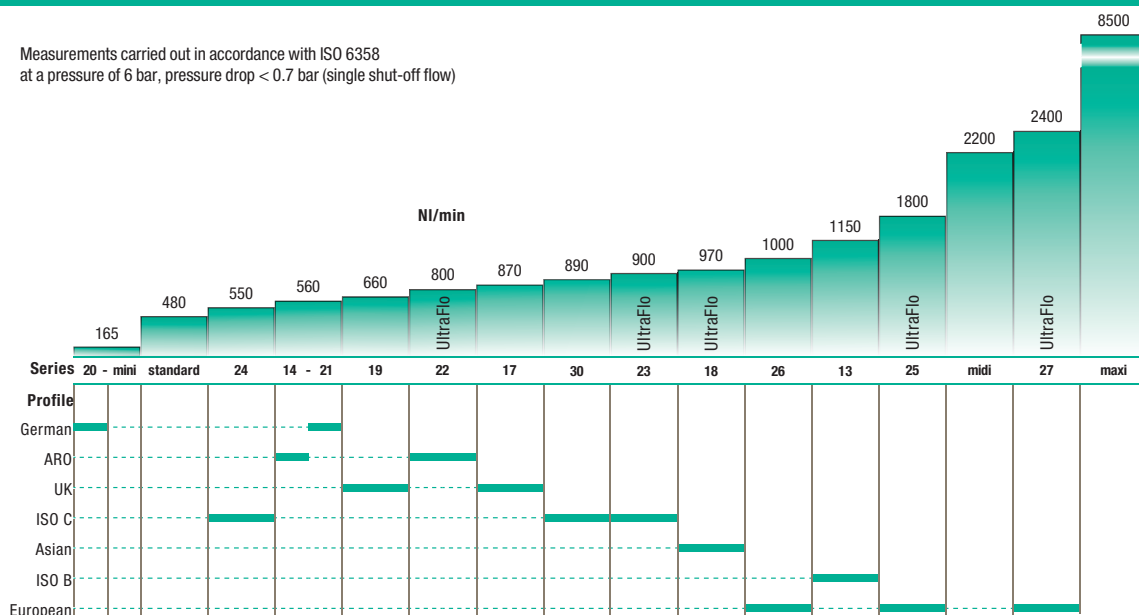


Silicone-free

Metal Quick-Acting Couplers

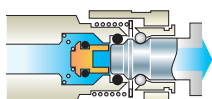
Metal Quick-Acting Coupler Technology and Flow Rates

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



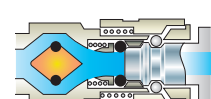
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 NI/min



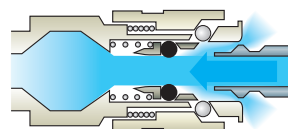
UltraFlo quick-acting coupler

"Optimal flow" technology
Flow: 1700 NI/min

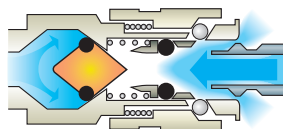
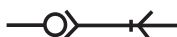


3 Shut-Off Functions

Straight-Through

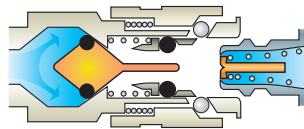
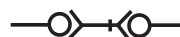


Single Shut-Off



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

Double Shut-Off

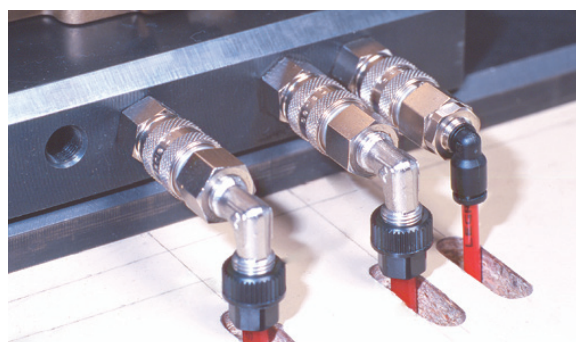


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed
upstream (body side) and downstream (probe side).

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

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

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

