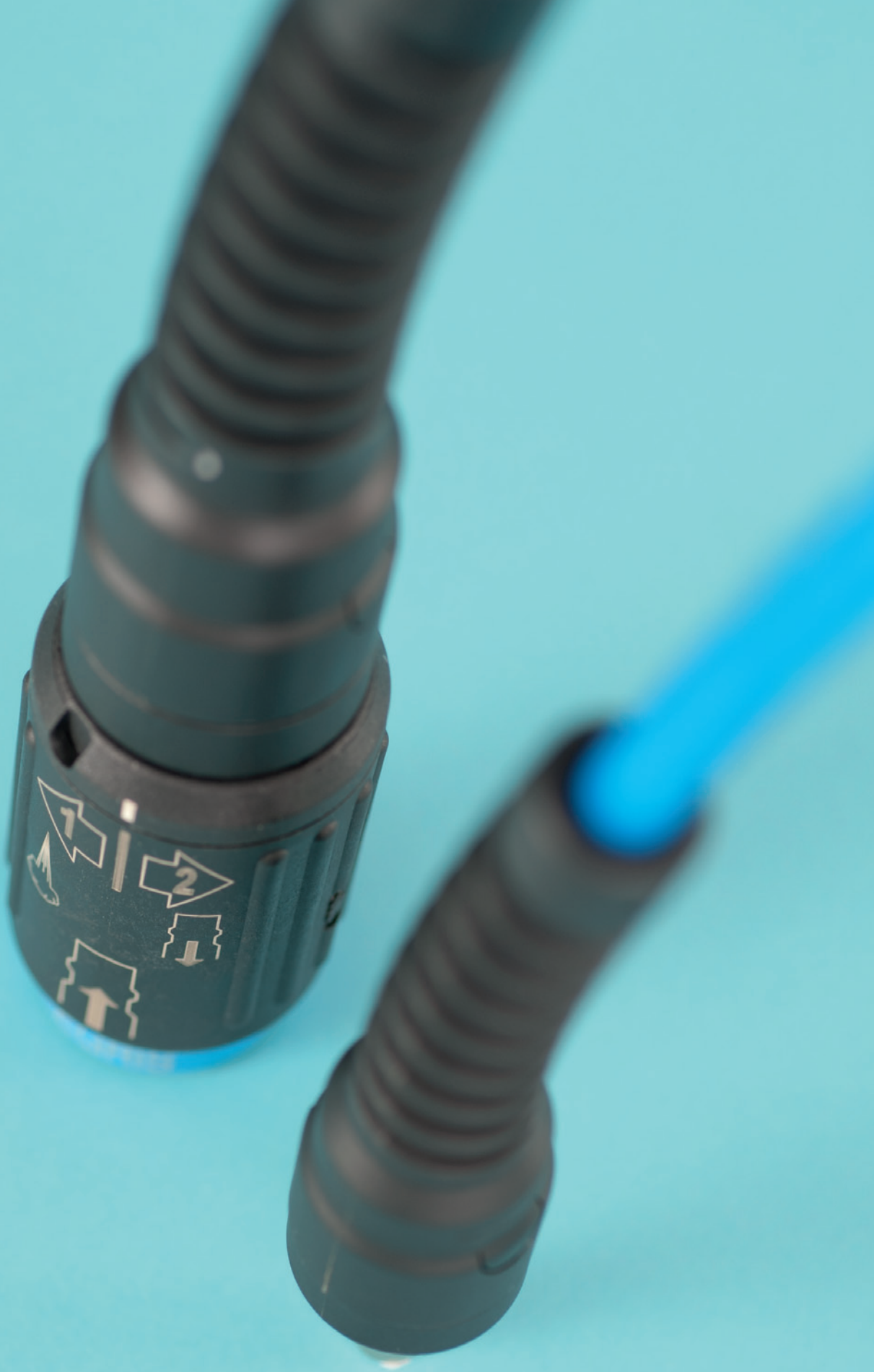


Quick-Acting Couplers

Polymer Safety, C 9000

Metal: Nickel-Plated Brass and Stainless Steel



Quick-Acting Couplers

C 9000 Polymer Quick-Acting Safety Couplers (P. 8-7)



Fluids: compressed air

Materials: reinforced technical polymer, nickel-plated brass

Pressure: 16 bar

Temperature: -20°C to +60°C

DN : 5.5 mm to 8 mm

Metal Quick-Acting Couplers (P. 8-18)



Fluids: compressed air, water, industrial fluids

Materials: nickel-plated brass or stainless steel

Pressure: 35 bar (stainless steel), 20 bar (brass)

Temperature: -15°C to +200°C (stainless steel), -20°C to +100°C (brass)

DN : 2 mm to 19 mm

Metal Quick-Acting Mould Couplers (P. 8-50)



Fluids: heat transfer fluids

Materials: nickel-plated brass

Pressure: 10 bar

Temperature: -15°C to +90°C

DN : 8 mm to 12 mm

3 Shut-Off Functions

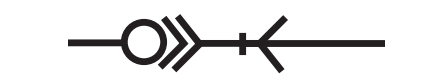
Straight-Through

These couplers work without shut-off, meaning they offer maximum flow. Straight-Through couplers are designed to carry fluids such as water, coolants, etc. Before disconnection, the fluid flow must be shut off using a valve located upstream of the coupler.



Single Shut-Off (with or without vent)

On our single shut-off couplers, the male probe is straight-through. The fluid flow can be stopped in the female coupler when disconnected. The circuit can be vented upstream to avoid any risk of whiplash.



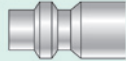
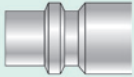

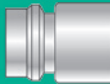
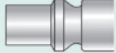
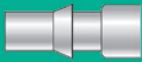
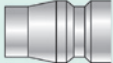

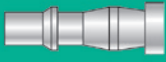


Double Shut-Off

On our double shut-off couplers, after disconnection, flow is prevented both upstream of the female coupler and downstream of the probe. Both sides of the circuit remain under pressure.



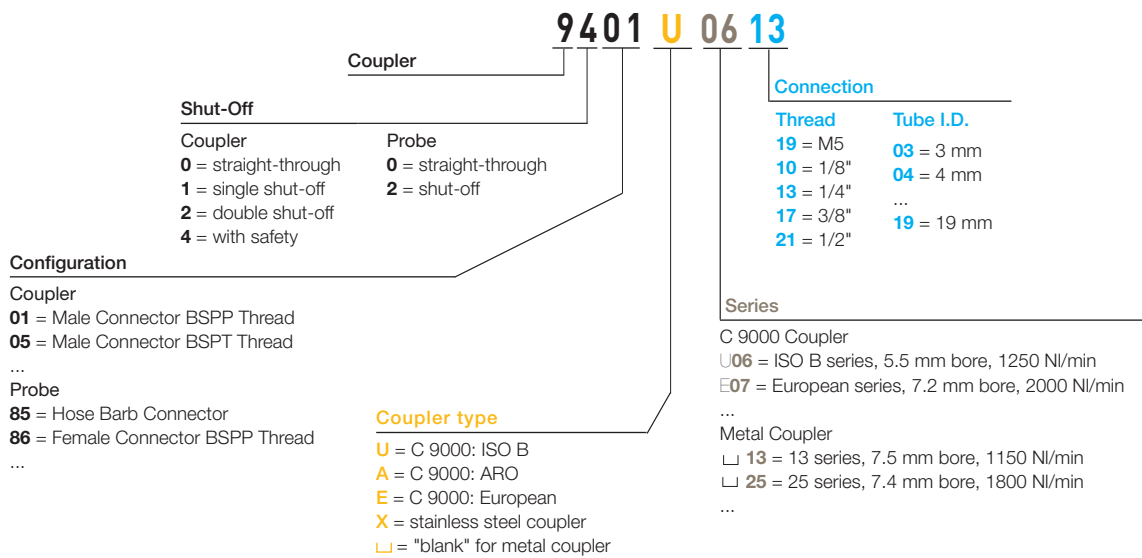
Technology and Flow Rates

The profiles of the Parker Legris quick-acting couplers are manufactured to conform to international standards and are interchangeable with other manufacturers' products meeting these standards.

Profile Description	Profile	Interchangeability	Flow (NI/min)	Bore Diameter (mm)
ISO B Standard		C 9000 Rectus 23 Rectus 24	1250 900 550	5.5
		C 9000 Rectus 30	2400 890	8 8.5
European Standard		C 9000 Rectus 26 Rectus 25	2000 1000 1800	7.2 7.2 7.4
		Rectus 27	2400	10
ARO Standard		C 9000 Rectus 14 Rectus 22	1250 560 800	5.5
ISO C Standard		Rectus 18	970	5.5
Asian Standard		Rectus 13	1150	7.5
UK Standard		Rectus 17	870	5
		Rectus 19	660	5.5
German Standard		Rectus 20	165	2.7
		Rectus 21	560	5

Quick-Acting Coupler Part Numbers

Standard Product



C 9000 Polymer Quick-Acting Safety Coupler Range

C 9000 Polymer Quick-Acting Safety Couplers

ISO B Profile

9401U Page 8-10 **9405U** Page 8-10 **9414U** Page 8-10 **9410U** Page 8-10 **9421U** Page 8-10 **9416U** Page 8-11 **9440U** Page 8-11



9087U Page 8-11 **9086U** Page 8-11 **9080U** Page 8-12 **9094U** Page 8-12



European Profile

9401E Page 8-13 **9414E** Page 8-13 **9410E** Page 8-13 **9421E** Page 8-13 **9416E** Page 8-13 **9440E** Page 8-14



9087E Page 8-14 **9086E** Page 8-14 **9080E** Page 8-14 **9094E** Page 8-14



ARO Profile

9401A Page 8-15 **9405A** Page 8-15 **9414A** Page 8-15 **9410A** Page 8-15 **9421A** Page 8-15 **9416A** Page 8-16 **9440A** Page 8-16



9087A Page 8-16 **9086A** Page 8-16 **9084A** Page 8-16 **9080A** Page 8-17 **9094A** Page 8-17



C 9000 Polymer Quick-Acting Safety Couplers

This range of ergonomic polymer couplers has been designed for **the safety of operators and machinery** while giving very high **energy efficiency performance**. Available in three profile standards, it is perfectly suited for any type of installation.

Product Advantages

Safety & Reliability	<p>Prevents risk of whiplash</p> <p>Quick-acting vent allowing disconnection to be carried out in total safety</p> <p>Rotating sleeve to avoid risk of accidental disconnection</p> <p>Low connection/disconnection force even under pressure</p> <p>Polymer sleeve protects equipment from scratching</p> <p>Protective spiral over the tube prevents kinking</p>
Performance	<p>Very high flow and low pressure drop</p> <p>100% leak-tested in production</p> <p>Date coding to guarantee quality and traceability</p> <p>Robust impact-resistant material</p> <p>Optimum energy efficiency</p> <p>Long-term reliability</p>
Easy-to-Use	<p>Immediate identification by clear marking on each model showing:</p> <ul style="list-style-type: none"> • profile of the compatible male probe • type part number <p>Compatible with male probes conforming to:</p> <ul style="list-style-type: none"> • ISO B profile • European profile • ARO profile



Applications

Workshops
Cleaning
Blowing
Pneumatics
Air-Operated Tools
Ring Main Circuits
Packaging

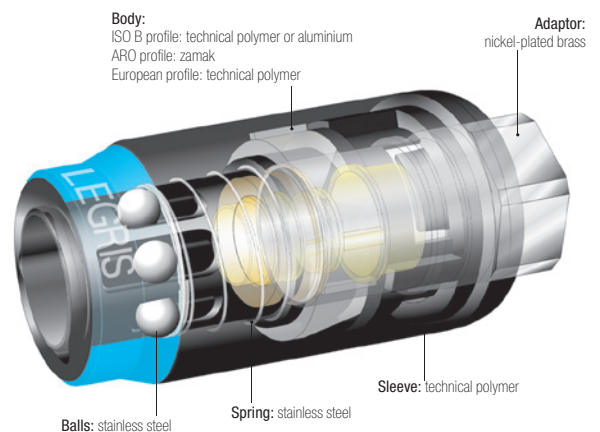
Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	0 to 16 bar
Working Temperature	-20°C to +60°C

Regulations

DI: 97/23/EC (PED)
 DI: 2002/95/EC (RoHS), 2011/65/EC
 DI: 1907/2006 (REACH)
 ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
 DIN EN 983 Safety Standard for Pneumatics

Component Materials

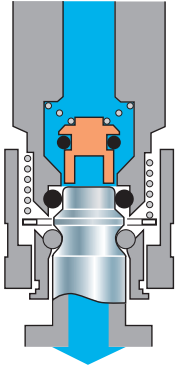


Silicone-free

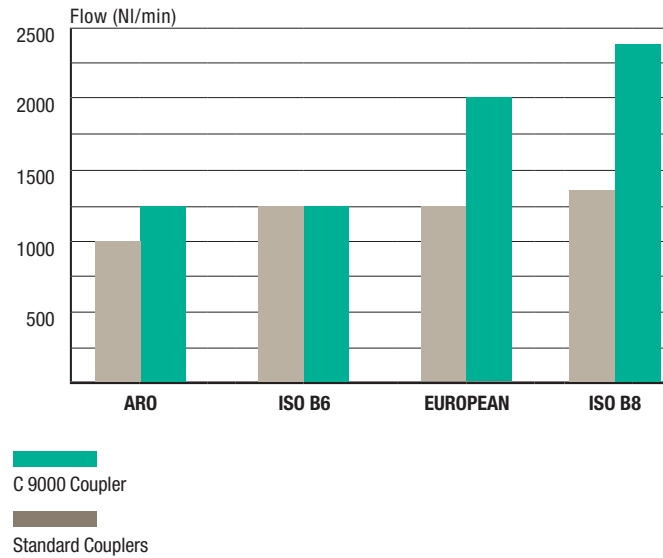
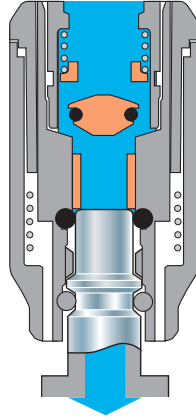
C 9000 Polymer Quick-Acting Safety Couplers

C 9000 Technology and Flow Rates

"Typical" quick-acting coupler
Standard "poppet" technology
Flow: 1400 NI/min



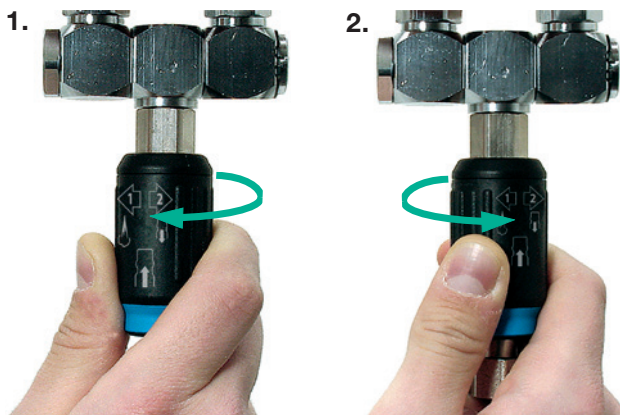
C 9000 quick-acting coupler
"Optimal flow" technology
Flow: 2400 NI/min



Measurements carried out in accordance with ISO 6358 at a pressure of 6 bar, pressure drop < 0.7 bar

Operation

Operation



Disconnecting the probe

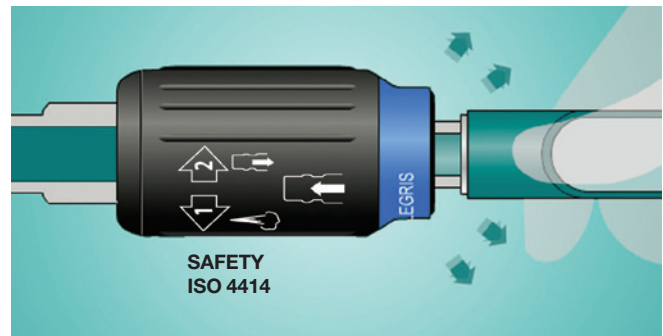
Rotation, arrow 1: circuit vented on probe side.

Rotation, arrow 2: probe disconnected from the body.

Connecting the probe

The sleeve does not need to be rotated to connect the probe.

Venting



ISO B6 profile, recoil tubing (I.D. 6 mm, length 6 m)

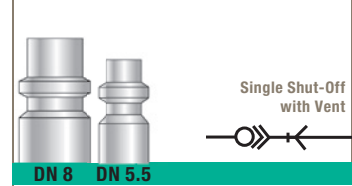
Venting time = 350 ms (transition from 6 bar to 0.2 bar)

ISO B8 profile, PVC tubing (I.D. 10 mm, length 25 m)


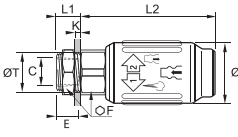

Venting time = 860 ms (transition from 6 bar to 0.2 bar)

Even with longer lengths of tubing, the vent time of the C 9000 coupler can be less than 1 second.

ISO B Profile


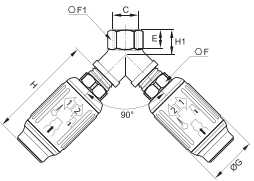



9416U Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	(DN) C 	E	F	G	K _{max}	L1	L2	ØT _{min}	kg
		5.5 G1/4 9416U06 13	12	22	31.5	6	12.5	68.5	18.5	0.105
		8 G3/8 9416U08 17	12	24	36.5	7	14.5	76	22.5	0.150


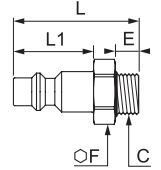

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min
C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9440U Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	(DN) C 	E	F	F1	G	H	H1	kg
		5.5 G3/8 9440U06 17	11.5	19	20	31.5	70	16	0.207
		8 G1/2 9440U08 21	14	22	25	36.5	80	19	0.352


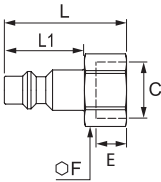

C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min
C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

9087U Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	(DN) C 	E	F	L	L1	kg
		G1/4 9087U06 13	9	17	38	24	0.025
		5.5 G3/8 9087U06 17	9	19	38	24	0.032
		G1/2 9087U06 21	12	22	42	24	0.048
		G1/4 9087U08 13	9	17	38	24	0.030
		8 G3/8 9087U08 17	9	19	39	24	0.036
G1/2 9087U08 21	12	22	42	24	0.058		


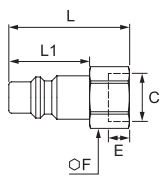

Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg
		G1/4 9086 23 13	9	17	36	24	0.025
		5.5 G3/8 9086 23 17	9	19	36	24	0.025
		G1/2 9086 23 21	12	24	39	24	0.039

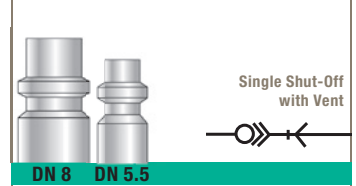
Probe without shut-off

9086U Probe, Straight-Through, Female BSPP Thread


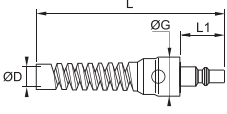

	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg
		G1/4 9086 30 13	10	17	40	28	0.032
		8.5 G3/8 9086 30 17	10	19	42	28	0.035
		G1/2 9086 30 21	12	24	43	28	0.046

Probe without shut-off
30 Series probe (DN 8.5) compatible with ISO B series C 9000 couplers (DN 8)


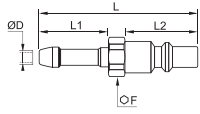

ISO B Profile



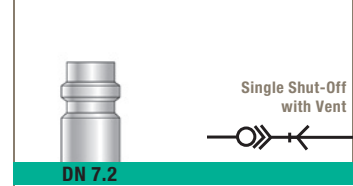
9080U Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

	Nickel-plated steel, NBR 		DN	ØD		G	L	L1	kg
			5.5	8	9080U06 08	24	112	24	0.052
				10	9080U06 10	24	112	24	0.044
			8	10	9080U08 10	24	114	26	0.095
				12	9080U08 12	29.5	125	26	0.096
Probe without shut-off									


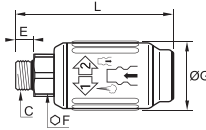


9094U Probe, Straight-Through, with Hosetail

	Nickel-plated steel 		DN	ØD		F	L	L1	L2	kg
			5.5	6	9094U06 06	14	51	24	25	0.016
				8	9094U06 08	14	51	27	25	0.017
				10	9094U06 10	14	51	24	25	0.018
			8	8	9094U08 08	17	51	24	25	0.027
				10	9094U08 10	17	51	27	25	0.028
				13	9094U08 13	17	51	24	25	0.031
Probe without shut-off										

European Profile


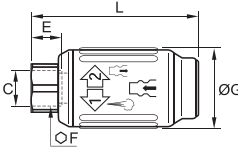




9401E Coupler, Male BSPP Thread

	Technical polymer, nickel-plated brass, NBR 		C		E	F	G	L	kg								
										G1/4	9401E07 13	6.5	22	36.5	80	0.124	
										7.2	G3/8	9401E07 17	7.5	22	36.5	81	0.122
											G1/2	9401E07 21	9	25	36.5	83.5	0.136


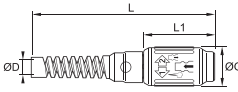


C 9000 Series: single shut-off = 2000 NI/min

9414E Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 		C		E	F	G	L	kg								
										G1/4	9414E07 13	12	22	36.5	73	0.118	
										7.2	G3/8	9414E07 17	12	22	36.5	73	0.109
											G1/2	9414E07 21	15	27	36.5	78	0.130


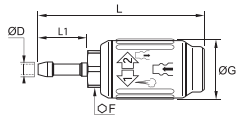


C 9000 Series: single shut-off = 2000 NI/min

9410E Coupler, LF 3000® Push-In Connection, with Spiral Protection Spring

	Technical polymer, nickel-plated brass, NBR 		ØD		G	L	L1	kg						
									10	9410E07 10	36.5	151	63	0.175
									7.2	12	9410E07 12	36.5	151	63


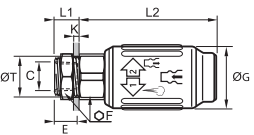


C 9000 Series: single shut-off = 2000 NI/min

9421E Coupler with Hosetail

	Technical polymer, nickel-plated brass, NBR 		ØD		F	G	L	L1	kg								
										8	9421E07 08	22	36.5	93	26	0.113	
										7.2	10	9421E07 10	22	36.5	93	26	0.114
											13	9421E07 13	22	36.5	97	30	0.119

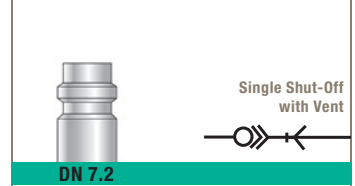
C 9000 Series: single shut-off = 2000 NI/min

9416E Coupler, Bulkhead Mountable, Female BSPP Thread


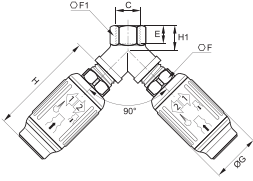

	Technical polymer, nickel-plated brass, NBR 		C		E	F	G	K_{max}	L1	L2	ØT_{min}	kg											
													7.2	G3/8	9416E07 17	12	24	36.5	7	14.5	74	22.5	0.153

C 9000 Series: single shut-off = 2000 NI/min


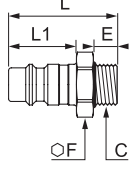

European Profile




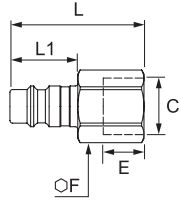

9440E Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	DN C 	E	F	F1	G	H	H1	kg
			7.2	G1/2	9440E07 21	14	25	25	36.5
C 9000 Series: single shut-off = 2000 NI/min									


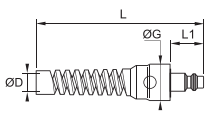

9087E Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	DN C 	E	F	L	L1	kg		
			7.2	G1/4	9087E07 13	9	14	34	20
Probe without shut-off									


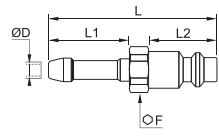

9086E Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 	DN C 	E	F	L	L1	kg		
			7.4	G1/8	9086 25 10	7	14	32	20
Probe without shut-off									

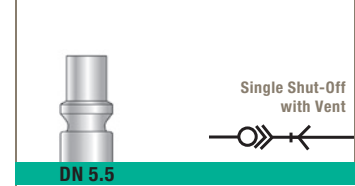
9080E Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

	Nickel-plated steel, NBR 	DN ØD 	G	L	L1	kg			
			7.2	10	9080E07 10	24	114	20	0.102
Probe without shut-off									


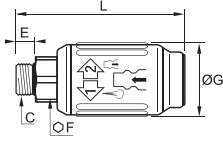


9094E Probe, Straight-Through, with Hosetail

	Nickel-plated steel 	DN ØD 	F	L	L1	L2	kg		
			7.2	8	9094E07 08	17	48	20	25
Probe without shut-off									


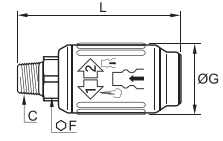


ARO Profile




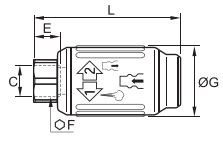


9401A Coupler, Male BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 C 	E	F	G	L	kg		
		G1/4	9401A06 13	6.5	17	31.5	70.5	0.105	
		5.5	G3/8	9401A06 17	9	21	31.5	73.5	0.123
			G1/2	9401A06 21	9	25	31.5	70.5	0.150
C 9000 series: single shut-off = 1250 NI/min									


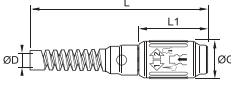


9405A Coupler, Male BSPT Thread

	Technical polymer, nickel-plated brass, NBR 	 C 	F	G	L	kg		
		R1/4	9405A06 13	17	31.5	73	0.105	
		5.5	R3/8	9405A06 17	19	31.5	74.5	0.110
			R1/2	9405A06 21	22	31.5	79.5	0.140
C 9000 series: single shut-off = 1250 NI/min								


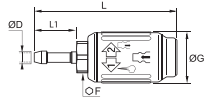


9414A Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 C 	E	F	G	L	kg		
		G1/4	9414A06 13	12	17	31.5	64.5	0.095	
		5.5	G3/8	9414A06 17	12	22	31.5	70	0.115
			G1/2	9414A06 21	15	27	31.5	76	0.145
C 9000 series: single shut-off = 1250 NI/min									

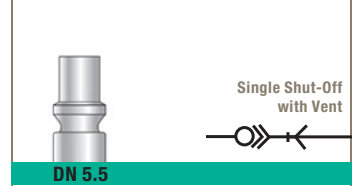
9410A Coupler, LF 3000® Push-In Connection, with Spiral Protection Spring

	Technical polymer, nickel-plated brass, NBR 	 ØD 	G	L	L1	kg	
		8	9410A06 08	31.5	143	54	0.140
		5.5	10	9410A06 10	31.5	143	54
C 9000 series: single shut-off = 1250 NI/min							


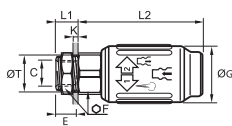

9421A Coupler with Hosetail

	Technical polymer, nickel-plated brass, NBR 	 ØD 	F	G	L	L1	kg		
		6	9421A06 06	17	31.5	86.5	26	0.110	
		5.5	8	9421A06 08	17	31.5	86.5	26	0.100
			10	9421A06 10	17	31.5	86.5	26	0.100
C 9000 series: single shut-off = 1250 NI/min									


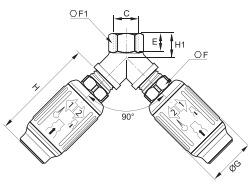

ARO Profile




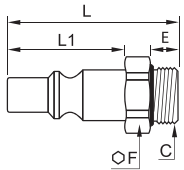

9416A Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	DN C 	E F G K L1 L2 ØT kg
C 9000 series: single shut-off = 1250 NI/min			


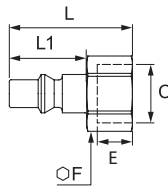

9440A Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	DN C 	E F F1 G H H1 kg
C 9000 series: single shut-off = 1250 NI/min			


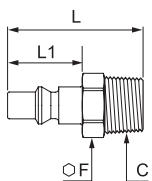

9087A Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	DN C 	E F L L1 kg		
				G1/4 9087A06 13	9 17 36 22 0.020
				5.5 G3/8 9087A06 17	9 19 36 22 0.024
				G1/2 9087A06 21	12 24 40 22 0.039
Probe without shut-off					

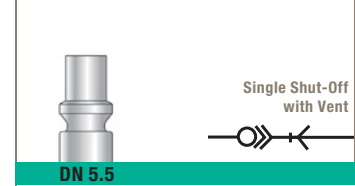
9086A Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 	DN C 	E F L L1 kg		
				G1/4 9086 22 13	9 17 35.5 22 0.024
				5.5 G3/8 9086 22 17	10 19 35.5 22 0.023
				G1/2 9086 22 21	12 24 38 22 0.039
Probe without shut-off					


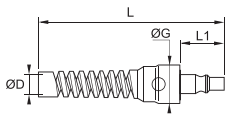

9084A Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel 	DN C 	F L L1 kg		
				R1/4 9084 22 13	14 40.5 22 0.020
				5.5 R3/8 9084 22 17	17 40.5 22 0.031
				R1/2 9084 22 21	22 46 22 0.048
Probe without shut-off					


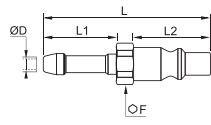

ARO Profile



9080A Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

	Nickel-plated steel, NBR 	DN ØD 	G	L	L1	kg
		5.5 8 9080A06 08	24	118	22	0.028
		5.5 10 9080A06 10	24	118	22	0.027
Probe without shut-off						

9094A Probe, Straight-Through, with Hosetail

	Nickel-plated steel 	DN ØD 	F	L	L1	L2	kg
		5.5 6 9094A06 06	14	48.5	22	25	0.012
		5.5 8 9094A06 08	14	48.5	22	25	0.014
		5.5 10 9094A06 10	14	48.5	22	25	0.016
Probe without shut-off							

Metal Quick-Acting Coupler Range

Nickel-Plated Brass Quick-Acting Couplers

ISO B Profile, 23, 24 and 30 Series

- | | | | | | | | | | |
|---------------------------------------|--|---------------------------------------|--|---------------------------------------|--|--|--|--|--|
| 9101
23 Series
Page 8-25 | 9101
24 & 30 Series
Page 8-25 | 9114
23 Series
Page 8-25 | 9114
24 & 30 Series
Page 8-25 | 9123
23 Series
Page 8-25 | 9123
24 & 30 Series
Page 8-26 | 9087
23, 24 & 30 Series
Page 8-26 | 9086
23, 24 & 30 Series
Page 8-26 | 9085
23, 24 & 30 Series
Page 8-26 | 9293
23 & 24 Series
Page 8-26 |
|---------------------------------------|--|---------------------------------------|--|---------------------------------------|--|--|--|--|--|



European Profile, 25, 26 and 27 Series

- | | | | | | | | | | | | |
|---------------------------------------|--|---------------------------------------|--|--|--|--|--|--|--|--|--|
| 9101
26 Series
Page 8-27 | 9201
25 & 27 Series
Page 8-27 | 9114
26 Series
Page 8-27 | 9214
25 & 27 Series
Page 8-27 | 9223
25 & 27 Series
Page 8-27 | 9087
25, 26 & 27 Series
Page 8-28 | 9086
25, 26 & 27 Series
Page 8-28 | 9085
25 & 27 Series
Page 8-28 | 9287
25 & 27 Series
Page 8-28 | 9286
25 & 27 Series
Page 8-29 | 9285
25 & 27 Series
Page 8-29 | 9293
25 & 27 Series
Page 8-29 |
|---------------------------------------|--|---------------------------------------|--|--|--|--|--|--|--|--|--|



ARO Profile, 14 and 22 Series

- | | | | | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|
| 9101
14 Series
Page 8-30 | 9105
22 Series
Page 8-30 | 9114
14 Series
Page 8-30 | 9114
22 Series
Page 8-30 | 9123
14 Series
Page 8-30 | 9123
22 Series
Page 8-31 | 9084
14 & 22 Series
Page 8-31 | 9086
14 & 22 Series
Page 8-31 | 9085
14 & 22 Series
Page 8-31 |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|



ISO C Profile, 18 Series

- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 9101
Page 8-32 | 9114
Page 8-32 | 9123
Page 8-32 | 9087
Page 8-32 | 9086
Page 8-32 | 9085
Page 8-32 |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|



Asian Profile, 13 Series

- | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 9105
Page 8-33 | 9114
Page 8-33 | 9123
Page 8-33 | 9084
Page 8-33 | 9086
Page 8-33 | 9085
Page 8-33 |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|



UK Profile, 17 and 19 Series

- | | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 9105
17 Series
Page 8-34 | 9114
17 Series
Page 8-34 | 9123
17 Series
Page 8-34 | 9084
17 Series
Page 8-34 | 9086
17 Series
Page 8-34 | 9085
17 Series
Page 8-34 |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|



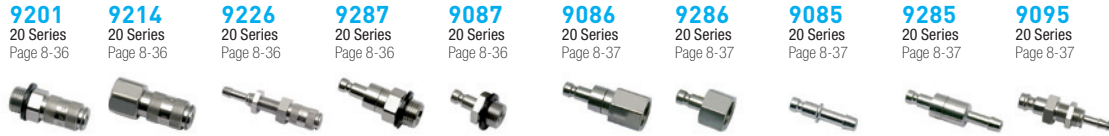
- | | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 9105
19 Series
Page 8-35 | 9114
19 Series
Page 8-35 | 9123
19 Series
Page 8-35 | 9084
19 Series
Page 8-35 | 9086
19 Series
Page 8-35 | 9085
19 Series
Page 8-35 |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|



Metal Quick-Acting Coupler Range

Nickel-Plated Brass Quick-Acting Couplers

German Profile, 20 and 21 Series



Mini Series



Standard Series



Midi Series



Maxi Series



Metal Quick-Acting Coupler Range

Stainless Steel Quick-Acting Couplers

European Profile, X25 and X27 Series

9201 Page 8-47 **9214** Page 8-47 **9287** Page 8-47 **9087** Page 8-47 **9286** Page 8-47 **9086** Page 8-47



German Profile, X20 Series

9201 Page 8-48 **9214** Page 8-48 **9287** Page 8-48 **9087** Page 8-48 **9286** Page 8-48 **9086** Page 8-48



German Profile, X21 Series

9201 Page 8-49 **9214** Page 8-49 **9287** Page 8-49 **9087** Page 8-49 **9286** Page 8-49 **9086** Page 8-49



Quick-Acting Mould Couplers

9020 Page 8-51 **9040** Page 8-51 **9075** Page 8-51



Metal Quick-Acting Coupler Accessories

9071 Page 8-53 **0691** Page 8-53 **0681** Page 8-53 **0164** Page 8-53 **0167** Page 8-53



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



Workshops
 Flushing
 Spraying
 Packaging
 Factory Automation
 Filling Systems
 Cleaning

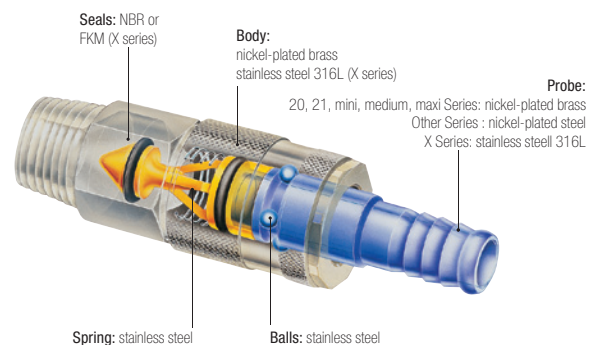
Applications

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

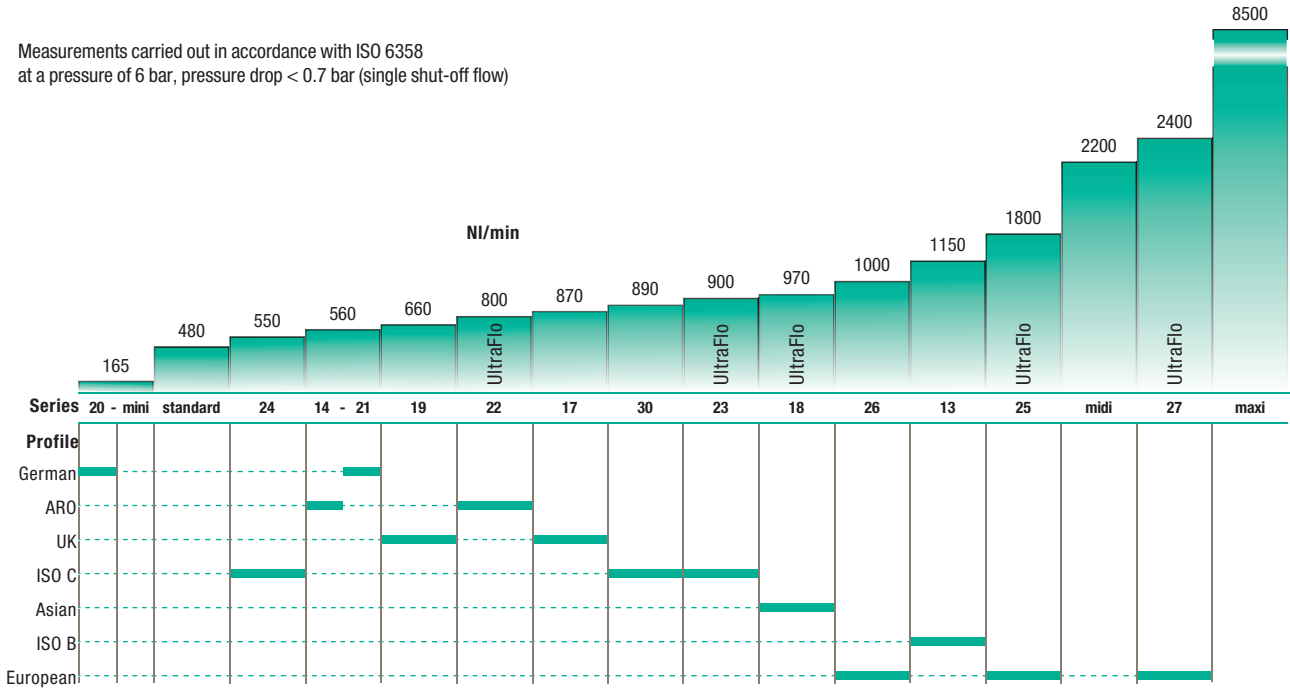


Silicone-free

Metal Quick-Acting Couplers

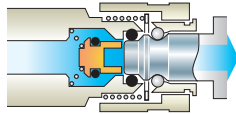
Metal Quick-Acting Coupler Technology and Flow Rates

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



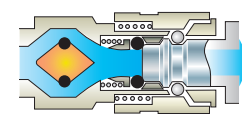
"Typical" quick-acting coupler

Standard "poppet" technology
Flow: 1000 NI/min



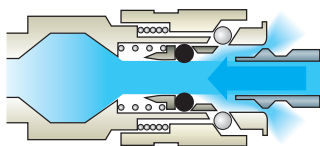
UltraFlo quick-acting coupler

"Optimal flow" technology
Flow: 1700 NI/min

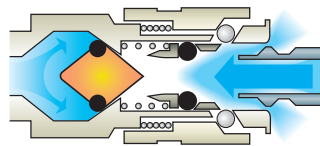
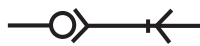


3 Shut-Off Functions

Straight-Through

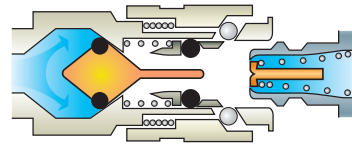
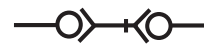


Single Shut-Off



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

Double Shut-Off

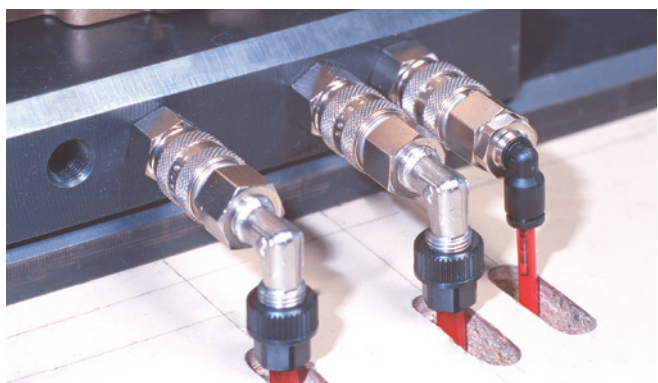


Double shut-off coupler
+ probe with shut-off
When disconnected, the fluid path is closed upstream (body side) and downstream (probe side).

Operation



Installation Options



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

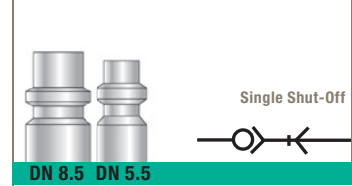
Wood oil

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.

ISO B Profile

23, 24 and 30 Series



9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	DN	C		E	F	G	L	kg	
		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 	DN	C		E	F	G	L	kg	
		5.5	G1/4	9101 24 13	9	22	27	43	0.079	
			G3/8	9101 24 17	9	22	27	43	0.082	
			G1/2	9101 24 21	12	24	27	46	0.093	
		8.5	G1/4	9101 30 13	9	22	29	49	0.097	
			G3/8	9101 30 17	9	22	29	49	0.099	
	G1/2	9101 30 21	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

	Nickel-plated brass, NBR 	DN	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

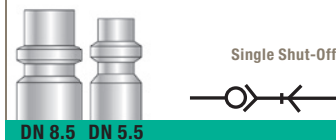
	Nickel-plated brass, NBR 	DN	C		E	F	G	L	kg	
		5.5	G1/4	9114 24 13	9	22	27	43	0.096	
			G3/8	9114 24 17	9	22	27	43	0.091	
			G1/2	9114 24 21	12	24	27	46	0.098	
		8.5	G1/4	9114 30 13	9	22	29	49	0.113	
			G3/8	9114 30 17	9	22	29	49	0.107	
	G1/2	9114 30 21	12	24	29	52	0.115			
24 Series (DN 5.5): single shut-off = 550 NI/min 30 Series (DN 8.5): single shut-off = 890 NI/min										

9123 Coupler with Barb Connection


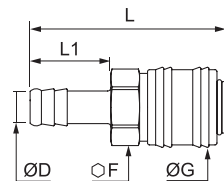

	Nickel-plated brass, NBR 	DN	OD		F	G	L	L1	kg	
		5.5	6	9123 23 06	19	23	73	25	0.091	
			8	9123 23 08	19	23	73	25	0.092	
			10	9123 23 10	19	23	73	25	0.094	
23 Series (DN 5.5): single shut-off = 900 NI/min										

ISO B Profile

23, 24 and 30 Series


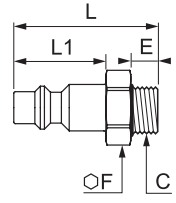



9123 Coupler with Barb Connection

	Nickel-plated brass, NBR 	$\overline{\text{DN}}$	$\varnothing D$		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	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


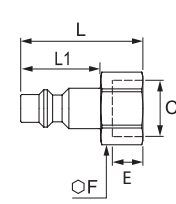

24 Series (DN 5.5): single shut-off = 550 Nl/min
30 Series (DN 8.5): single shut-off = 890 Nl/min

9087 Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	$\overline{\text{DN}}$	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
			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


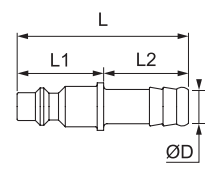

Probe without shut-off
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

9086 Probe, Straight-Through, Female BSPP Thread

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


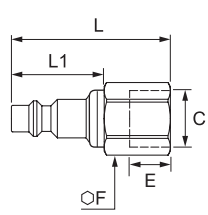

Probe without shut-off
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel 	$\overline{\text{DN}}$	$\varnothing D$		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	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)

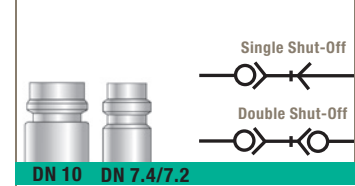
9293 Probe, Valved, Anti-Whiplash, Female BSPP Thread

	Nickel-plated steel, NBR 	$\overline{\text{DN}}$	C		E	F	L	L1	kg
		5.5	G1/4	9293 23 13	10	22	47	24	0.058

Probe with shut-off

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

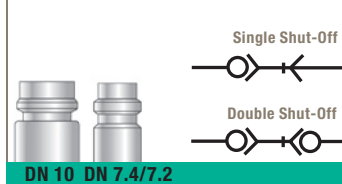
	Nickel-plated brass, NBR 		DN	C	E	F	G	L	kg	
			7.2	G1/4	9114 26 13	9	22	27	43	0.089
				G3/8	9114 26 17	9	22	27	43	0.084
				G1/2	9114 26 21	12	24	27	46	0.090
26 Series (DN 7.2): single shut-off = 1000 NL/min										

9223 Coupler with Barb Connection


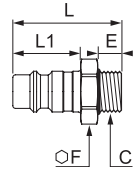


	Nickel-plated brass, NBR 		DN	ØD	F	G	L	L1	kg	
			7.4	6	9223 25 06	19	23	73	25	0.095
				8	9223 25 08	19	23	73	25	0.097
				10	9223 25 10	19	23	73	25	0.097
			10	13	9223 25 13	19	23	73	25	0.099
				8	9223 27 08	24	27	80	21	0.146
				10	9223 27 10	24	27	80	21	0.162
				13	9223 27 13	24	27	80	21	0.164
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


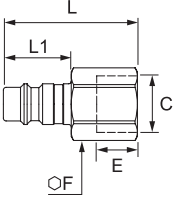


25, 26 and 27 Series




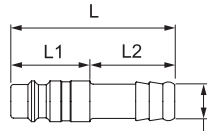


9087 Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 		C		E	F	L	L1	kg
Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)									


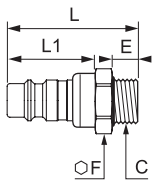


9086 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 		C		E	F	L	L1	kg
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

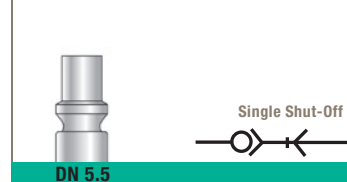
	Nickel-plated steel 		\varnothing D		L	L1	L2	kg	
									6 9085 25 06 8 9085 25 08 7.4 9 9085 25 09 10 9085 25 10 13 9085 25 13 8 9085 27 08 10 9085 27 10 13 9085 27 13 19 9085 27 19
Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)									

9287 Probe, Valved, Male BSPP Thread



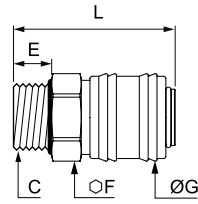
	Nickel-plated brass, NBR 		C		E	F	L	L1	kg
Probe with shut-off 25 Series probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)									

ARO Profile



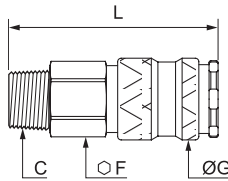
14 and 22 Series





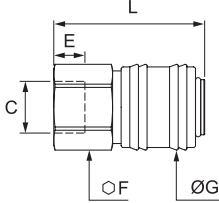
9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR			E F G L kg		
		DN C			G1/4 9101 14 13	9 22 27 43 0.080
		5.5 G3/8 9101 14 17			9 22 27 43 0.081	
		G1/2 9101 14 21			12 24 27 46 0.093	
14 Series (DN 5.5): single shut-off = 560 NI/min						



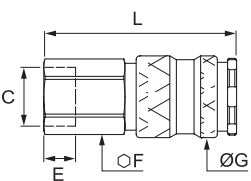
9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR			F G L kg		
		DN C			R1/4 9105 22 13	19 23 61 0.098
		5.5 R3/8 9105 22 17			12 19 60 0.096	
		R1/2 9105 22 21			22 23 61 0.114	
22 Series (DN 5.5): single shut-off = 800 NI/min						



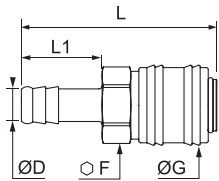
9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR			E F G L kg		
		DN C			G1/4 9114 14 13	9 22 27 43 0.095
		5.5 G3/8 9114 14 17			9 22 27 43 0.091	
		G1/2 9114 14 21			12 24 27 46 0.098	
14 Series (DN 5.5): single shut-off = 560 NI/min						

9114 Coupler, Female BSPP Thread

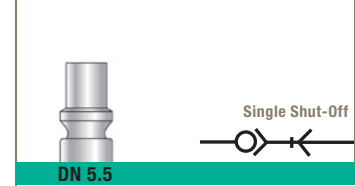
	Nickel-plated brass, NBR			E F G L kg		
		DN C			G1/4 9114 22 13	9 19 23 56 0.098
		5.5 G3/8 9114 22 17			9 19 23 55 0.091	
		G1/2 9114 22 21			12 24 23 58 0.123	
22 Series (DN 5.5): single shut-off = 800 NI/min						

9123 Coupler with Barb Connection


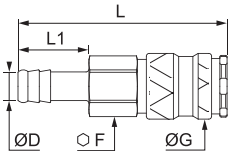

	Nickel-plated brass, NBR			F G L L1 kg		
		DN \varnothing D			6 9123 14 06	21 27 60 25 0.080
		8 9123 14 08			21 27 60 25 0.081	
		5.5 9 9123 14 09			21 27 60 25 0.082	
		10 9123 14 10			21 27 60 25 0.082	
		13 9123 14 13			21 27 60 25 0.094	
14 Series (DN 5.5): single shut-off = 560 NI/min						

ARO Profile


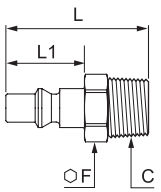

14 and 22 Series




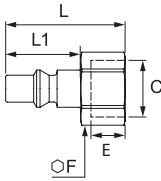

9123 Coupler with Barb Connection

	Nickel-plated brass, NBR 	(DN) ØD 	F	G	L	L1	kg
		6 9123 22 06	19	23	74	25	0.093
		5.5 8 9123 22 08	19	23	74	25	0.097
		10 9123 22 10	19	23	74	25	0.098
22 Series (DN 5.5): single shut-off = 800 NI/min							


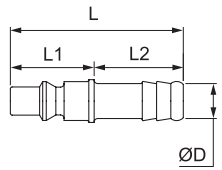

9084 Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel 	(DN) C 	F	L	L1	kg
		R1/4 9084 22 13	14	40.5	22	0.020
		5.5 R3/8 9084 22 17	17	40.5	22	0.031
		R1/2 9084 22 21	22	46	22	0.048
Probe without shut-off 22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)						

9086 Probe, Straight-Through, Female BSPP Thread

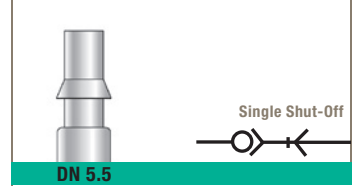
	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg
		G1/4 9086 22 13	9	17	35.5	22	0.024
		5.5 G3/8 9086 22 17	10	19	35.5	22	0.023
		G1/2 9086 22 21	12	24	38	22	0.039
Probe without shut-off 22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)							

9085 Probe, Straight-Through, with Barb Connection


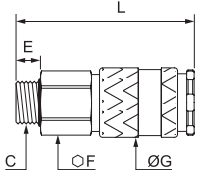

	Nickel-plated steel 	(DN) ØD 	L	L1	L2	kg
		6 9085 22 06	48.5	22	25	0.012
		8 9085 22 08	48.5	22	25	0.014
		5.5 9 9085 22 09	48.5	22	25	0.014
		10 9085 22 10	48.5	22	25	0.016
		13 9085 22 13	48.5	22	25	0.022
Probe without shut-off 22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)						

ISO C Profile


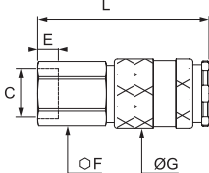

18 Series




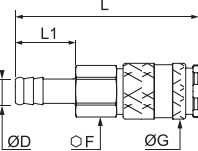

9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	(DN) C 	E	F	G	L	kg			
			5.5	G1/4	9101 18 13	9	19	23	60	0.106
				G3/8	9101 18 17	9	19	23	60	0.108
18 Series (DN 5.5) : single shut-off = 970 NI/min										


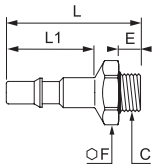

9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR 	(DN) C 	E	F	G	L	kg			
			5.5	G1/4	9114 18 13	9	19	23	58	0.109
				G3/8	9114 18 17	9	19	23	58	0.101
18 Series (DN 5.5) : single shut-off = 970 NI/min										


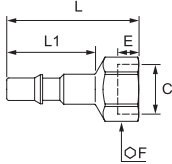

9123 Coupler with Barb Connection

	Nickel-plated brass, NBR 	(DN) ØD 	F	G	L	L1	kg			
			5.5	6	9123 18 06	19	23	76	25	0.104
				8	9123 18 08	19	23	76	25	0.106
				10	9123 18 10	19	23	76	25	0.108
18 Series (DN 5.5) : single shut-off = 970 NI/min										


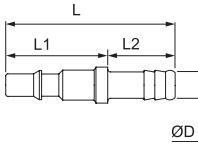

9087 Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg			
			5.5	G1/4	9087 18 13	9	17	41	28	0.025
				G3/8	9087 18 17	9	19	41	28	0.028
Probe without shut-off										

9086 Probe, Straight-Through, Female BSPP Thread

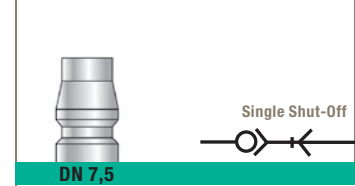
	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg			
			5.5	G1/4	9086 18 13	9	17	40	28	0.022
				G3/8	9086 18 17	9	19	41	28	0.024
Probe without shut-off										

9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel 	(DN) ØD 	L	L1	L2	kg			
			5.5	6	9085 18 06	56	28	25	0.016
				8	9085 18 08	56	28	25	0.016
				10	9085 18 10	56	28	25	0.018
Probe without shut-off									

Asian Profile

13 Series



9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR		DN	C		F	G	L	kg
				R1/4	9105 13 13	22	27	49	0.086
			7.5	R3/8	9105 13 17	22	27	49	0.090
				R1/2	9105 13 21	22	27	53	0.110
13 Series (DN 7.5): single shut-off = 1150 NL/min									

9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		DN	C		E	F	G	L	kg
				G1/4	9114 13 13	9	22	27	45	0.099
			7.5	G3/8	9114 13 17	9	22	27	45	0.093
				G1/2	9114 13 21	12	24	27	48	0.102
13 Series (DN 7.5): single shut-off = 1150 NL/min										

9123 Coupler with Barb Connection

	Nickel-plated brass, NBR		DN	ØD		F	G	L	L1	kg
				8	9123 13 08	21	27	62	25	0.084
			7.5	10	9123 13 10	21	27	62	25	0.086
				13	9123 13 13	21	27	62	25	0.089
13 Series (DN 7.5): single shut-off = 1150 NL/min										

9084 Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel		DN	C		F	L	L1	kg
				R1/4	9084 13 13	14	37	12	0.022
			7.5	R3/8	9084 13 17	17	37	12	0.028
				R1/2	9084 13 21	22	44	17	0.050
Probe without shut-off									

9086 Probe, Straight-Through, Female BSPP Thread

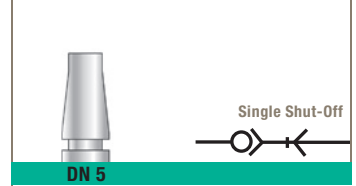
	Nickel-plated steel		DN	C		E	F	L	L1	kg
				G1/4	9086 13 13	9	17	22	12	0.026
			7.5	G3/8	9086 13 17	9	19	33	12	0.024
				G1/2	9086 13 21	12	24	36	17	0.036
Probe without shut-off										

9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel		DN	ØD		L	L1	kg
				8	9085 13 08	48	25	0.020
			7.5	10	9085 13 10	48	25	0.021
				13	9085 13 13	48	25	0.026
Probe without shut-off								

UK Profile

17 Series



9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	C		F	G	L	kg
				R1/4	9105 17 13	19	23	63	0.109
			5	R3/8	9105 17 17	19	23	62	0.108
				R1/2	9105 17 21	22	23	63	0.124
17 Series (DN 5) : Single shut-off = 870 NI/min									

9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	C		E	F	G	L	kg
				G1/4	9114 17 13	9	19	23	58	0.110
			5	G3/8	9114 17 17	9	19	23	57	0.103
				G1/2	9114 17 21	12	24	23	60	0.135
17 Series (DN 5) : Single shut-off = 870 NI/min										

9123 Coupler with Barb Connection

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	ØD		F	G	L	L1	kg
				6	9123 17 06	19	23	76	25	0.106
			5	8	9123 17 08	19	23	76	25	0.108
				10	9123 17 10	19	23	76	25	0.111
17 Series (DN 5): single shut-off = 870 NI/min										

9084 Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel		$\overline{\text{DN}}$	C		F	L	L1	kg
				R1/8	9084 17 10	11	37	9	0.016
			5	R1/4	9084 17 13	14	42	12	0.021
				R3/8	9084 17 17	17	42	12	0.014
				R1/2	9084 17 21	22	48	17	0.048
Probe without shut-off									

9086 Probe, Straight-Through, Female BSPP Thread

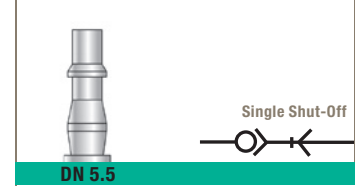
	Nickel-plated steel		$\overline{\text{DN}}$	C		E	F	L	kg
				G1/8	9086 17 10	7	14	33	0.016
			5	G1/4	9086 17 13	9	17	33	0.022
				G3/8	9086 17 17	9	19	33	0.023
				G1/2	9086 17 21	12	24	36	0.030
Probe without shut-off									

9085 Probe, Straight-Through, with Barb Connection


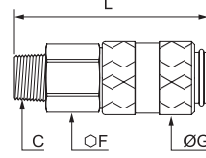

	Nickel-plated steel		$\overline{\text{DN}}$	ØD		L	L1	L2	kg
				6	9085 17 06	58	25	33	0.015
			5	8	9085 17 08	52	25	27	0.016
				10	9085 17 10	52	25	27	0.018
Probe without shut-off									

UK Profile


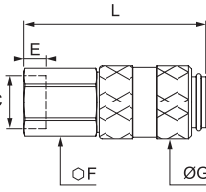

19 Series




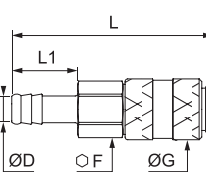

9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR 	DN C 	F	G	L	kg	
		5.5	R1/4 9105 19 13	19	23	63	0.100
			R3/8 9105 19 17	19	23	62	0.099
			R1/2 9105 19 21	22	23	68	0.117
19 Series (DN 5.5): single shut-off = 660 NI/min							


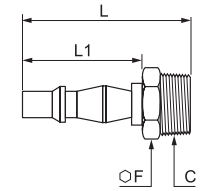

9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR 	DN C 	E	F	G	L	kg	
		5.5	G1/4 9114 19 13	9	19	23	58	0.102
			G3/8 9114 19 17	9	19	23	58	0.095
			G1/2 9114 19 21	12	24	23	60	0.127
19 Series (DN 5.5): single shut-off = 660 NI/min								


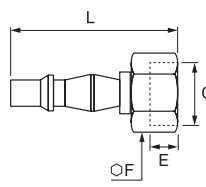

9123 Coupler with Barb Connection

	Nickel-plated brass, NBR 	DN ØD 	F	G	L	L1	kg	
		5.5	6 9123 19 06	19	23	76	25	0.097
			8 9123 19 08	19	23	76	25	0.099
			10 9123 19 10	24	23	76	25	0.100
19 Series (DN 5.5): single shut-off = 660 NI/min								


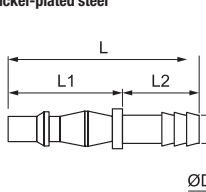

9084 Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel 	DN C 	F	L	L1	kg	
		5.5	R1/4 9084 19 13	14	50	12	0.022
			R3/8 9084 19 17	17	50	12	0.026
			R1/2 9084 19 21	22	56	17	0.051
Probe without shut-off							

9086 Probe, Straight-Through, Female BSPP Thread

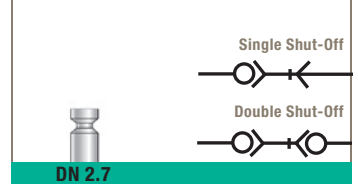
	Nickel-plated steel 	DN C 	E	F	L	kg	
		5.5	G1/4 9086 19 13	9	17	46	0.025
			G3/8 9086 19 17	9	19	47	0.026
			G1/2 9086 19 21	12	24	50	0.039
Probe without shut-off							

9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel 	DN ØD 	L	L1	L2	kg	
		5.5	6 9085 19 06	60	25	35	0.016
			8 9085 19 08	60	25	35	0.017
			10 9085 19 10	60	25	35	0.019
Probe without shut-off							

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 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	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 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	F1	F2	G	L	L1	L2	kg	
			2.7	3	11	10	51	17	13	0.015
				4	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

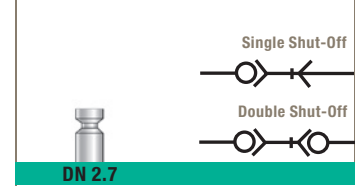
	Nickel-plated brass 	(DN) C	E	F	L	L1	kg			
			2.7	M5x0.8	9087 20 19	5	7	18	10	0.002
				G1/8	9087 20 10	7	11	18	10	0.005
Probe without shut-off										

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	
				3		9085 20 03	24	10	13	0.002
			2.7	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

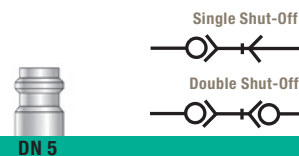
	Nickel-plated brass, NBR		DN	ØD		L	L1	L2	kg	
				3		9285 20 03	37	10	13	0.007
			2.7	4		9285 20 04	37	10	13	0.007
				5		9285 20 05	37	10	13	0.007
Probe with shut-off										

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


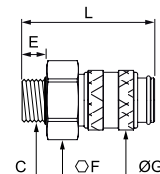

	Nickel-plated brass		DN	ØD		F	L	L1	L2	L3	kg	
			2.7	3		9095 20 03	11	44	10	17	13	0.012
				4		9095 20 04	11	44	10	17	13	0.012
			Probe without shut-off									

German Profile

21 Series


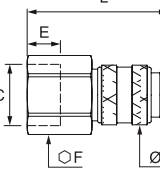



9201 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	DN C 	E	F	G	L	kg		
			5	G1/8	9201 21 10	7	14	16	36
			G1/4	9201 21 13	9	17	16	38	0.036


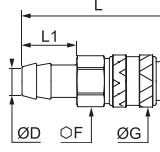

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

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
			G1/4	9214 21 13	7	17	16	38	0.040


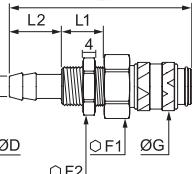

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

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	


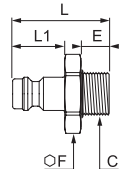

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

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	


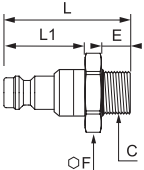

21 Series (DN 5): single shut-off = 560 Nl/min
21 Series (DN 5): double shut-off = 310 Nl/min

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

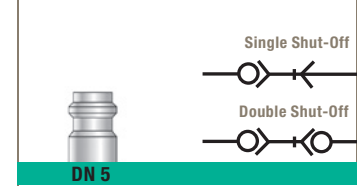
9287 Probe, Valved, Male BSPP Thread

	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	$\emptyset D$		L	L1	L2	kg	
			5	4		9085 21 04	32	14	17	0.006
				6		9085 21 06	32	14	17	0.008
				8		9085 21 08	32	14	17	0.009
Probe without shut-off										

9285 Probe, Valved, with Barb Connection

	Nickel-plated brass, NBR		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
				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	$\emptyset D$		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
				8		9095 21 08	14	17	50	14	14	17	0.028
Probe without shut-off													

Mini Series

Single Shut-Off



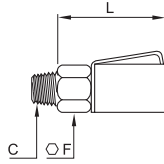
Double Shut-Off



0171 Coupler, Male BSPT and Parallel Metric Thread



Technical polymer, nickel-plated brass, NBR



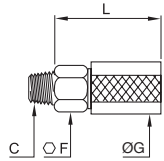
DN	C	Colour	F	L	kg	
2	M7x1	0171 02 55 01		10	21	0.007
	R1/8	0171 02 10 01		10	21	0.010
	R1/8	0171 02 10 02		10	21	0.010
	R1/8	0171 02 10 03		10	21	0.010
	R1/8	0171 02 10 04		10	21	0.010
	R1/8	0171 02 10 05		10	21	0.010

Single shut-off
Mini Series (DN 2): single shut-off = 165 NL/min

0171 Coupler, Straight-Through, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR



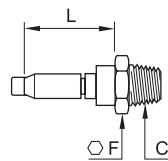
DN	C	Colour	F	G	L	kg	
3	R1/8	0171 03 10 01		13	17	24.5	0.020
	R1/8	0171 03 10 02		13	17	24.5	0.020
	R1/8	0171 03 10 03		13	17	24.5	0.020
	R1/8	0171 03 10 04		13	17	24.5	0.020
	R1/8	0171 03 10 05		13	17	24.5	0.020

Straight-through

0183 Probe, Valved, Male BSPT Thread



Nickel-plated brass, NBR



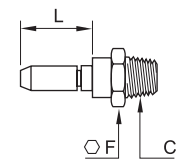
DN	C	F	L	kg	
2	R1/8	0183 02 10	10	13	0.007

Probe with shut-off

0184 Probe, Straight-Through, Male BSPT Thread



Nickel-plated brass



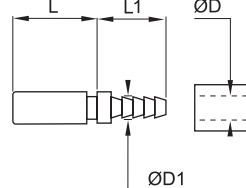
DN	C	F	L	kg	
2	R1/8	0184 02 10	10	13	0.006

Probe without shut-off

0181 Probe without Shut-off, Male BSPT Thread



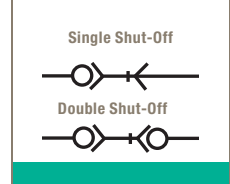
Nickel-plated brass



DN	ØD	ØD1	L	L1	kg
2	3	3.3	11.5	13.5	0.010

Probe without shut-off

Mini Series



0181 Probe, Straight-Through with Barb Connection for Polyamide (PA) Tubing

	Nickel-plated brass		$\overline{\text{DN}}$	ØD	ØD1		L	kg
			3	4	4.7	0181 04 06	19	0.005
Probe without shut-off								

0180 Probe, Straight-Through with Barb Connection for Flexible Tubing

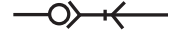
	Nickel-plated brass		$\overline{\text{DN}}$	ØD	ØD1		L	kg			
			3	4	6	0180 04 00	19	0.007			
							5	6.5	0180 05 00	19	0.007
Probe without shut-off											

3150 Probe, Straight-Through with LF 3000® Push-In Connection


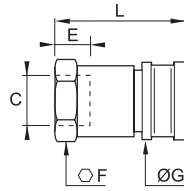


	Nickel-plated brass, NBR		$\overline{\text{DN}}$	ØD		G	L	L1	kg
			3	4	3150 00 61	8.5	39	18	0.008
Probe without shut-off									

Standard Series


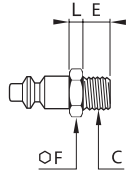


Single Shut-Off




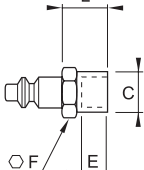


0172 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR 	 C 	E	F	G	L	kg	
			5	G1/4	0172 05 13	11	19	21
Standard series: single shut-off = 480 NI/min								


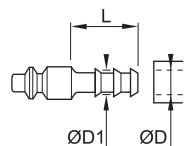


0187 Probe, Straight-Through, Male BSPP Thread

	Zinc-plated steel 	 C 	E	F	L	kg		
			5	G1/8	0187 05 10	7	14	4
Probe without shut-off							5	0.027


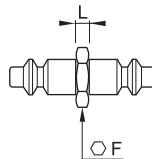


0186 Probe, Straight-Through, Female BSPP Thread

	Zinc-plated steel 	 C 	E	F	L	kg	
			5	G1/4	0186 05 13	12	17
Probe without shut-off							

0185 Probe, Straight-Through, with Barb Connection for Flexible Tubing

	Zinc-plated steel 	 ØD ØD1 			L	kg	
			4	6	0185 04 00	22.5	0.014
			5	7	0185 07 00	22.5	0.017
			10	12.2	0185 10 00	22.5	0.014
Probe without shut-off							

0189 Double Probe

	Zinc-plated steel 	 	F	L	kg
			5	0189 05 00	12
Probe without shut-off					

Midi Series

Without Shut-Off



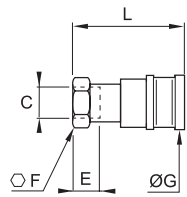
Single Shut-Off



0172 Coupler, Female BSPP Thread



Nickel-plated brass, NBR



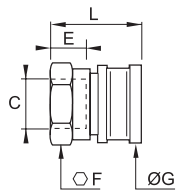
DN	C		E	F	G	L	kg
12	G3/8	0172 12 17	16	27	29	56	0.155
	G1/2	0172 12 21	16	27	29	56	0.142

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

2272 Coupler, Straight-Through, Female BSPP Thread



Nickel-plated brass, NBR

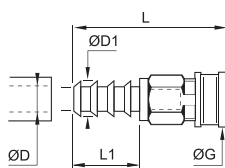


DN	C		E	F	G	L	kg
12	G1/2	2272 12 21	10	24	29	33	0.072
	G3/4	2272 12 27	10	30	29	34.5	0.074
	G1	2272 12 34	10	36	29	34.5	0.087

2511 Coupler with Barb Connection for Hose



Nickel-plated brass, NBR



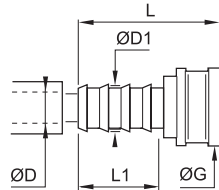
DN	ØD	ØD1		G	L	L1	kg
12	12	13.5	2511 12 12	29	75	32	0.146
	15	16.5	2511 12 15	29	75	32	0.147
	19	20.5	2511 12 19	29	81	38	0.159

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

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



Nickel-plated brass, NBR

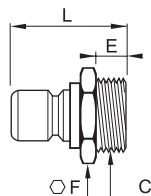


DN	ØD	ØD1		G	L	L1	kg
12	12	13.5	2297 12 12	29	51	27	0.073
	15	16.5	2297 12 15	29	51	27	0.076
	19	20.5	2297 12 19	29	57	33	0.090

2294 Probe, Straight-Through, Male BSPP Thread



Nickel-plated brass



DN	C		E	F	L	kg
12	G3/8	2294 12 17	6	22	31.5	0.031
	G1/2	2294 12 21	9.5	22	37	0.044
	G3/4	2294 12 27	13.5	27	41	0.068
	G1	2294 12 34	10.5	34	36	0.072

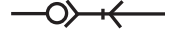
Probe without shut-off

Midi Series

Without Shut-Off



Single Shut-Off



0196 Probe, Straight-Through, Female BSPP Thread

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

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

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

	Nickel-plated brass		$\overline{\text{DN}}$	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		$\overline{\text{DN}}$		G	H	kg
			12	2293 12 00	29	27	0.139
Probe without shut-off Midi Series: straight-through = 2200 NI/min							

Midi Series


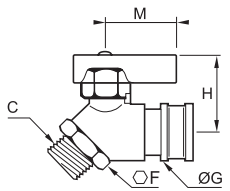

Without Shut-Off




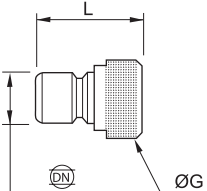

Single Shut-Off




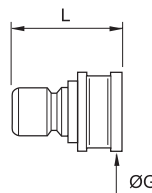

2270 Coupler with Tap, Male BSP Thread

	Nickel-plated brass, NBR 	$\overline{\text{DN}}$ C 	F	G	H	M	kg
		12 G1/2 2270 21 00	28	29	40.5	35	0.272
Flow = 2200 NI/min							


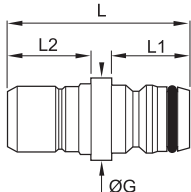

2203 Plug

	Nickel-plated brass 	$\overline{\text{DN}}$ 	G	L	kg
		12 2203 12 00	20	34	0.042


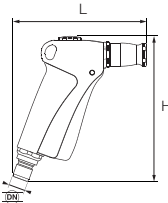

2292 Universal Coupler Adaptor

	Nickel-plated brass, NBR 	$\overline{\text{DN}}$ 	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).					


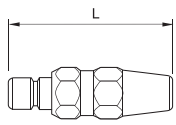

2398 Universal Probe Adaptor

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


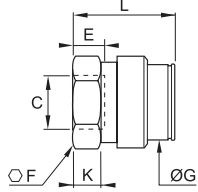


	Nickel-plated brass, NBR 	$\overline{\text{DN}}$ 	L	kg
		12 2299 12 20	77.4	0.137
This nozzle allows adjustment of the spray.				

Maxi Series


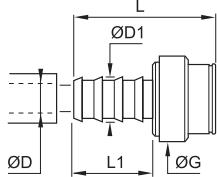


Without Shut-Off




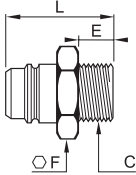


2272 Coupler, Straight-Through, Female BSP Thread

	Nickel-plated brass, NBR 	 C 	E	F	G	K	L	kg	
			19	G1	2272 18 34	9	36	42	11
Maxi series: straight-through = 8500 NI/min									


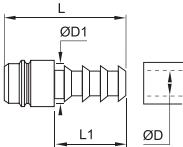


2297 Coupler, Straight-Through with Barb Connection for Hose

	Nickel-plated brass, NBR 	 ØD ØD1 	G	L	L1	kg	
			19	19	20.7	2297 18 20	39.5
Maxi series: straight-through = 8500 NI/min							

2294 Coupler, Straight-Through, Male BSP Thread

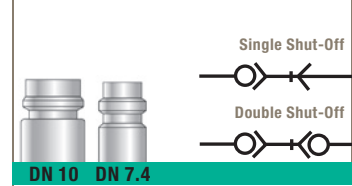
	Nickel-plated brass 	 C 	E	F	L	kg
			19	G3/4	2294 18 27	10.5
Probe without shut-off G1 2294 18 34 13 34 46 0.102						

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

	Nickel-plated brass 	 ØD ØD1 	L	L1	kg	
			19	19	21	2295 18 20
Probe without shut-off						

Stainless Steel European Profile

X25 and X27 Series



9201 Coupler, Male BSPP Thread

	Stainless steel 316L, FKM		DN	C		E	F	G	L	kg
			7.4	G1/4	9201X25 13	10.5	19	23	59	0.095
				G3/8	9201X25 17	9	19	23	57.5	0.094
				G1/2	9201X25 21	12	24	23	60.5	0.131
			10	G3/8	9201X27 17	9	24	27	57.5	0.131
				G1/2	9201X27 21	12	24	27	59.5	0.134
				G3/4	9201X27 27	16	32	27	60.5	0.171

X25 Series (DN 7.4): single shut-off = 1800 NI/min / X25 Series (DN 7.4): double shut-off = 710 NI/min
X27 Series (DN 10): single shut-off = 2400 NI/min / X27 Series (DN 10): double shut-off = 900 NI/min

9214 Coupler, Female BSPP Thread

	Stainless steel 316L, FKM		DN	C		E	F	G	L	kg
			7.4	G1/4	9214X25 13	10	19	23	56	0.096
				G3/8	9214X25 17	9	19	23	55	0.089
				G1/2	9214X25 21	12	24	23	58	0.119
			10	G3/8	9214X27 17	11	24	27	56	0.140
				G1/2	9214X27 21	12	24	27	56	0.127
				G3/4	9214X27 27	16	32	27	60	0.191

X25 Series (DN 7.4): single shut-off = 1800 NI/min / X25 Series (DN 7.4): double shut-off = 710 NI/min
X27 Series (DN 10): single shut-off = 2400 NI/min / X27 Series (DN 10): double shut-off = 900 NI/min

9287 Probe, Valved, Male BSPP Thread

	Stainless steel 316L, FKM		DN	C		E	F	L	L1	kg
			7.4	G1/4	9287X25 13	10	19	43	20	0.052
				G3/8	9287X25 17	9	19	43	20	0.053
				G1/2	9287X25 21	12	24	46	20	0.089
			10	G3/8	9287X27 17	9	24	58	22	0.080
				G1/2	9287X27 21	12	24	58	22	0.084
				G3/4	9287X27 27	16	32	62	22	0.122

Probe with shut-off

9087 Probe, Straight-Through, Male BSPP Thread

	Stainless steel 316L		DN	C		E	F	L	L1	kg
			7.4	G1/4	9087X25 13	9	17	34	20	0.018
				G3/8	9087X25 17	9	19	34	20	0.014
				G1/2	9087X25 21	12	24	36	20	0.047
			10	G3/8	9087X27 17	9	19	37	22	0.013
				G1/2	9087X27 21	12	24	40	22	0.052
				G3/4	9087X27 27	16	32	45	22	0.086

Probe without shut-off

9286 Probe, Valved, Female BSPP Thread

	Stainless steel 316L, FKM		DN	C		E	F	L	L1	kg
			7.4	G1/4	9286X25 13	10	19	54	20	0.056
				G3/8	9286X25 17	9	19	53	20	0.049
				G1/2	9286X25 21	12	24	56	20	0.079
			10	G3/8	9286X27 17	9	24	55	22	0.090
				G1/2	9286X27 21	12	24	55	22	0.080
				G3/4	9286X27 27	16	24	58	22	0.140

Probe with shut-off

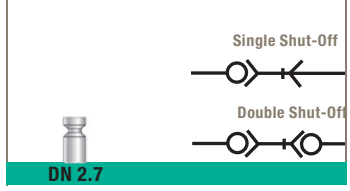
9086 Probe, Straight-Through, Female BSPP Thread

	Stainless steel 316L		DN	C		E	F	L	L1	kg
			7.4	G1/4	9086X25 13	12	10	33	20	0.023
				G3/8	9086X25 17	12	10	33	20	0.022
				G1/2	9086X25 21	14	12	35	20	0.035
			10	G3/8	9086X27 17	9	19	33	22	0.026
				G1/2	9086X27 21	12	24	37	22	0.037
				G3/4	9086X27 27	16	32	42	22	0.091

Probe without shut-off

Stainless Steel German Profile

X20 Series



9201 Coupler, Male BSPP and Metric Thread

	Stainless steel 316L, FKM		C	E	F	G	L	kg			
				2.7	M5x0.8	9201X20 19	5	9	10	26	0.008
					G1/8	9201X20 10	7	11	10	28	0.011

X20 Series (DN 2.7) : single shut-off = 165 NI/min
X20 Series (DN 2.7) : double shut-off = 130 NI/min

9214 Coupler, Female BSPP and Metric Thread

	Stainless steel 316L, FKM		C	E	F	G	L	kg			
				2.7	M5x0.8	9214X20 19	5	9	10	26	0.009
					G1/8	9214X20 10	7	12	10	28	0.012

X20 Series (DN 2.7) : single shut-off = 165 NI/min
X20 Series (DN 2.7) : double shut-off = 130 NI/min

9287 Probe, Valved, Male BSPP and Metric Thread

	Stainless steel 316L, FKM		C	E	F	L	L1	kg			
				2.7	M5x0.8	9287X20 19	5	9	28	10	0.005
					G1/8	9287X20 10	7	11	30	10	0.009

Probe with shut-off

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

	Stainless steel 316L		C	E	F	L	L1	kg			
				2.7	M5x0.8	9087X20 19	5	7	18	10	0.010
					G1/8	9087X20 10	7	11	20	10	0.015

Probe without shut-off

9286 Probe, Valved, Female BSPP and Metric Thread

	Stainless steel 316L, FKM		C	E	F	L	L1	kg			
				2.7	M5x0.8	9286X20 19	5	9	26	10	0.010
					G1/8	9286X20 10	7	12	30	10	0.014

Probe with shut-off

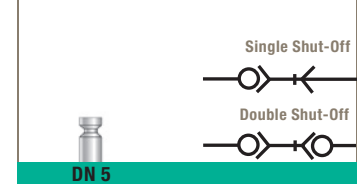
9086 Probe, Straight-Through, Female BSPP and Metric Thread

	Stainless steel 316L		C	E	F	L	L1	kg			
				2.7	M5x0.8	9086X20 19	5	7	17	10	0.002
					G1/8	9086X20 10	7	12	19	10	0.005


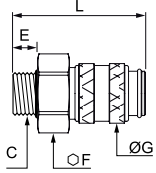

Probe without shut-off

Stainless Steel German Profile


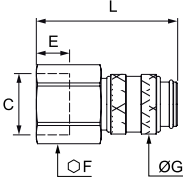

X21 Series




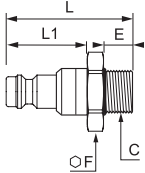

9201 Coupler, Male BSPP Thread

	Stainless steel 316L, FKM 	(DN) C 	E F G L kg
X21 Series (DN 5): single shut-off = 560 NI/min X21 Series (DN 5): double shut-off = 310 NI/min			


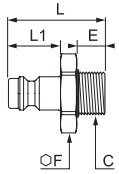

9214 Coupler, Female BSPP Thread

	Stainless steel 316L, FKM 	(DN) C 	E F G L kg
X21 Series (DN 5): single shut-off = 560 NI/min X21 Series (DN 5): double shut-off = 310 NI/min			


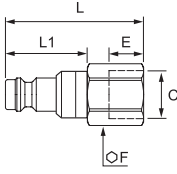

9287 Probe, Valved, Male BSPP Thread

	Stainless steel 316L, FKM 	(DN) C 	E F L L1 kg
Probe with shut-off			


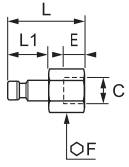

9087 Probe, Straight-Through, Male BSPP Thread

	Stainless steel 316L 	(DN) C 	E F L L1 kg
Probe without shut-off			

9286 Probe, Valved, Female BSPP Thread

	Stainless steel 316L, FKM 	(DN) C 	E F L L1 kg
Probe with shut-off			

9086 Probe, Straight-Through, Female BSPP Thread

	Stainless steel 316L 	(DN) C 	E F L L1 kg
Probe without shut-off			

Quick-Acting Mould Couplers

These Parker Legris quick-acting couplers provide the **best compromise** between **technical performance and ease of use** while providing long-term, reliable temperature regulation.

Product Advantages

- Ergonomic**
 - Can be connected using one hand by simply pushing the coupler body into the socket
 - Knurled sleeve provides excellent grip
 - Compact
- Performance**
 - Direct and automatic sealing
 - Socket threads are pre-coated
 - Maximum flow rate



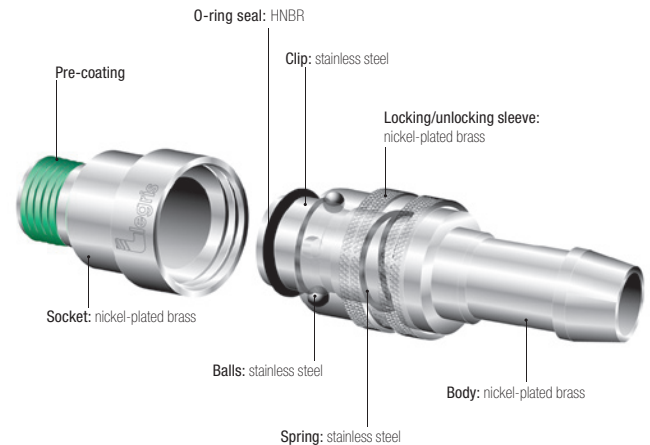
Applications

- Plastic Injection Moulding
- Cooling
- Die-Casting
- Rubber Overmoulding
- Printing
- Coating & Laminating

Technical Characteristics

Compatible Fluids	Cold water, coolants, hot water, oil
Working Pressure	0 to 10 bar
Working Temperature	-15°C to +90°C (water applications) <i>For temperatures above 90°C, please contact us.</i>

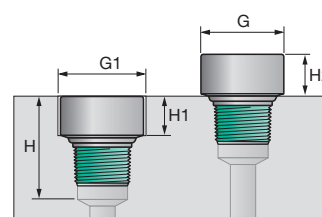
Component Materials



Installation

Cavity Dimensions

	G	G1	H	H1	H2
9075T08 10	21	22	33	24	22
9075T08 13	21	22	34	24	22
9075T08 17	21	22	25	13	11
9075T12 17	32	33	42	30	28
9075T12 21	32	33	45	30	28



Quick-Acting Mould Couplers

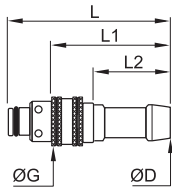
Without Shut-Off



9020 Coupler with Hosetail



Nickel-plated brass, HNBR

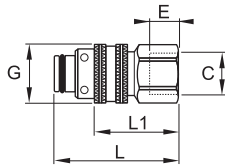


DN	ØD		G	L	L1	L2	kg
8	8	9020T08 08	21	60	44	28	0.050
	10	9020T08 10	21	60	44	28	0.054
	12	9020T08 12	21	65	48	32	0.063
12	13	9020T12 13	32	75	53	32	0.069
	16	9020T12 16	32	75.5	54	32.5	0.172

9040 Coupler, Female BSPP Thread



Nickel-plated brass, HNBR

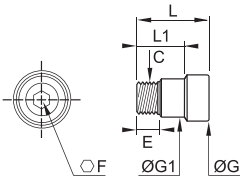


DN	C		E	G	L	L1	kg
8	G1/4	9040T08 13	10.5	21	43	27	0.056
12	G1/2	9040T12 21	15	32	66	44	0.208

9075 Female Socket, Male BSPT Thread



Nickel-plated brass



DN	C		E	F	G	G1	L	L1	kg
8	R1/8	9075T08 10	10	6	21	17.5	32	21	0.028
	R1/4	9075T08 13	13	8	21	17.5	33	22	0.031
	R3/8	9075T08 17	13	8	21	-	24	-	0.023
12	R3/8	9075T12 17	13	10	32	25	41	27	0.073
	R1/2	9075T12 21	16	14	32	25	44	30	0.075

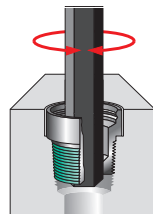
Other coupler shapes are available on request:

- 90° angled body, with hosetail
- 45° angled body, female BSPP
- 90° angled body, female BSPP



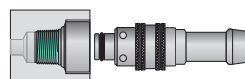
Socket Installation

Two types of installation can be used for moulds. Sockets are fitted into the cavities using an Allen key.



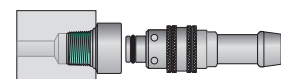
Recessed Socket

This type of installation is recommended for new moulds



Exposed Socket

This type of installation is suited to moulds with no existing cavity.



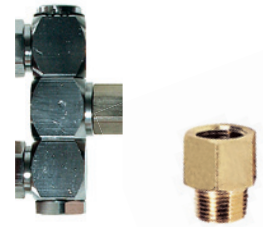
Metal Quick-Acting Coupler Accessories

Parker Legris has developed a range of accessories for quick-acting couplers which save time, **match the product** to the application and **increase the life** of the equipment.

Product Advantages

Performance | Interchangeability with ISO B probe profile
 Avoids tube twisting
 Facilitates use by following movements
 Robust

Adaptable | Two models depending on the application:
 Oscillating fittings:
 • angled at 45° and fitted with a ball bearing
 • effortless rotation through 360°
 Flexible fittings:
 • fitted with a ball joint mounted on a lubricated plastic seat
 • single connection providing an angle of rotation of 70°
 • multiple tees (three connections) providing an angle of rotation of 360°



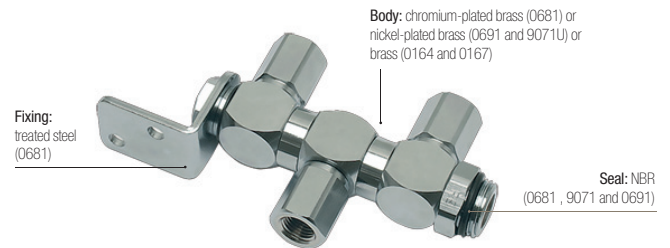
Pneumatics
 Water
 Workshops
 Industrial Machinery

Applications

Technical Characteristics

Compatible Fluids	Industrial fluids
Working Pressure	Oscillating fittings: 0 to 15 bar Flexible fittings: 0 to 10 bar Swivelling multiple tees: 0 to 20 bar
Working Temperature	-5°C to +60°C

Component Materials




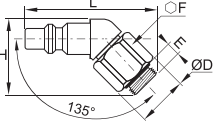


Other accessories are available on request:

- ISO B rotary fitting, male BSPT
- ISO B jointed fitting, male BSPP
- multiple tee with 2 outlets, female male BSPP




Metal Quick-Acting Coupler Accessories


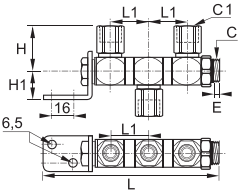


9071U Oscillating ISO B Probe, Male BSPP Thread

	Treated steel, NBR 	 C 	E	F	H	L	kg
		6 G1/4 9071U06 13	5.5	19	30	52	0.066
		8 G1/4 9071U08 13	5.5	19	30	52	0.077


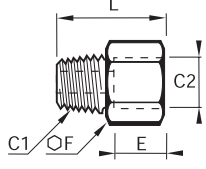


0691 Flexible Fitting, Female/Male BSPP Thread

	Treated steel, NBR 	 C 	E	F	G	L	kg
		5.5 G1/4 0691 13 13	5.5	24	25.5	56	0.090
		NBR sleeve					


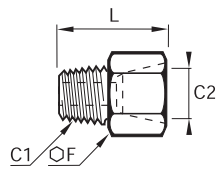


0681 Multiple Tee with 3 Female Outlets, Male/Female BSPP Thread

	Chrome-plated brass, NBR 	 C C1 	E	H	H1	L	L1	kg
		G1/2 G1/4 0681 13 21	7.5	36	24	138.5	30	0.430

0164 Adaptor, Male NPT/Female BSPP Thread

	Brass 	 C1 C2 	E	F	L	kg
		NPT1/8 G1/8 0164 11 10	7.5	14	20	0.015
		NPT1/4 G1/4 0164 14 13	11	17	27.5	0.028
		NPT3/8 G3/8 0164 18 17	11.5	22	28.5	0.044
		NPT1/2 G1/2 0164 22 21	15	27	36.5	0.082
		NPT3/4 G3/4 0164 28 27	16.5	32	38.5	0.110
		Adaptor for female socket of quick-acting mould couplers				

0167 Adaptor, Male BSPT/Female NPT Thread

	Brass 	 C1 C2 	F	L	kg
		R1/8 NPT1/8 0167 10 11	14	21	0.016
		R1/4 NPT1/4 0167 13 14	17	28.5	0.029
		R3/8 NPT3/8 0167 17 18	22	29.5	0.047
		R1/2 NPT1/2 0167 21 22	27	37.5	0.088
		R3/4 NPT3/4 0167 27 28	32	39.5	0.120
		Adaptor for female socket of quick-acting mould couplers			