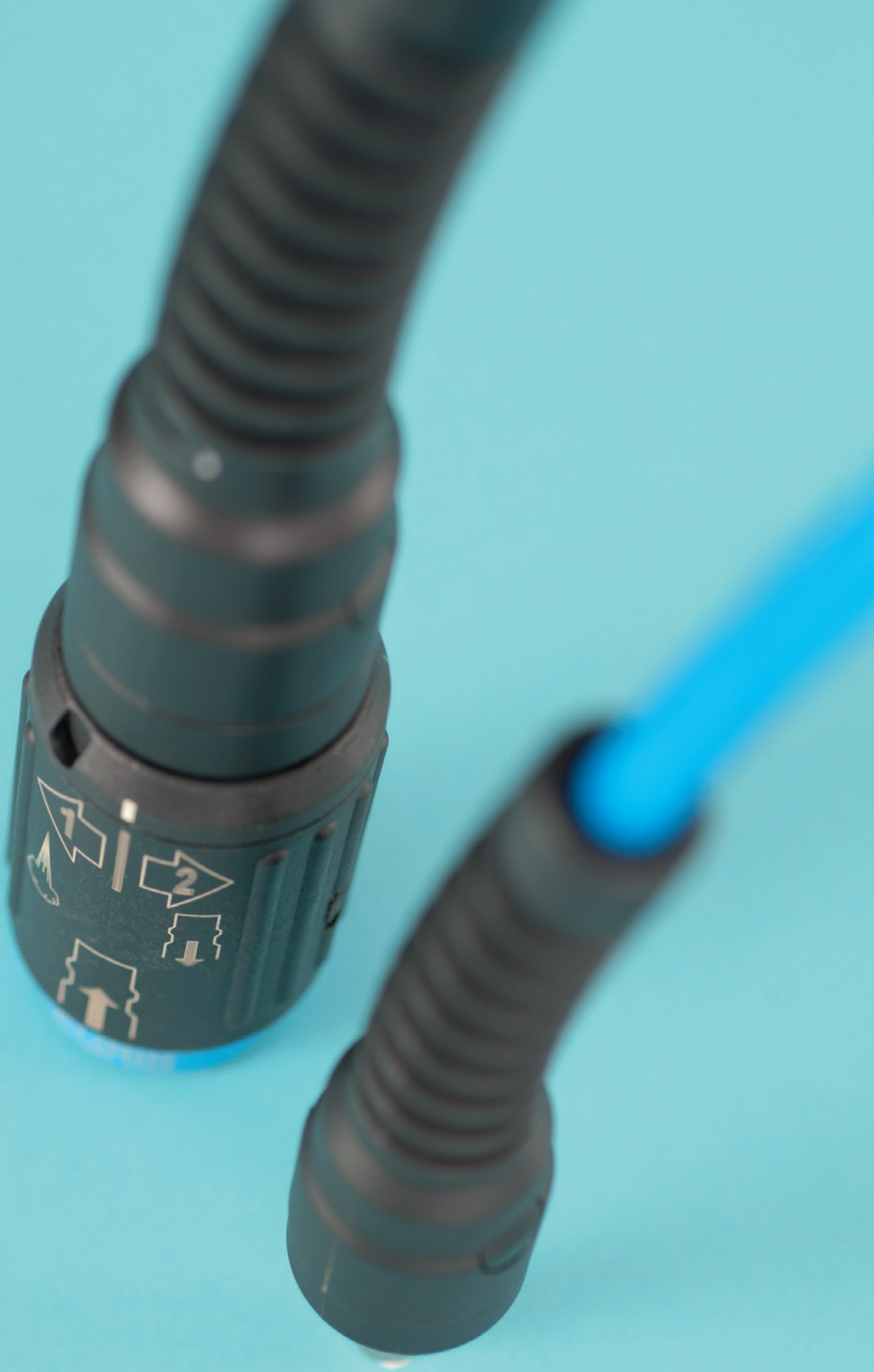


# Quick-Acting Couplers

**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

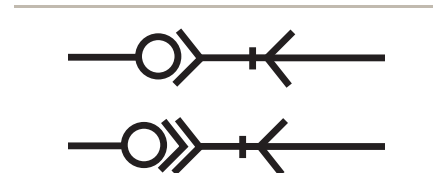
### Straight-Through

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.



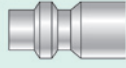
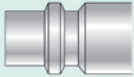

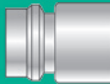
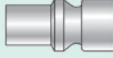

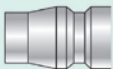

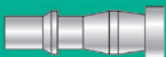


### Double Shut-Off

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.



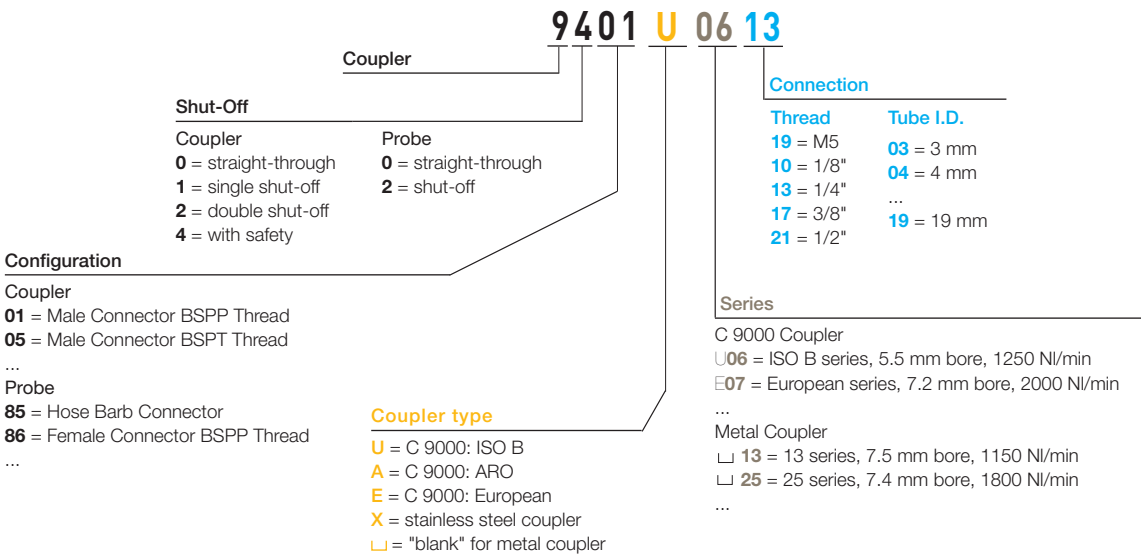
# Technology and Flow Rates

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

- Prevents risk of whiplash
- Quick-acting vent allowing disconnection to be carried out in total safety
- Rotating sleeve to avoid risk of accidental disconnection
- Low connection/disconnection force even under pressure
- Polymer sleeve protects equipment from scratching
- Protective spiral over the tube prevents kinking

### Performance

- Very high flow and low pressure drop
- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Robust impact-resistant material
- Optimum energy efficiency
- Long-term reliability

### Easy-to-Use

- Immediate identification by clear marking on each model showing:
  - profile of the compatible male probe
  - type part number
- Compatible with male probes conforming to:
  - ISO B profile
  - European profile
  - ARO profile



**Applications**

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

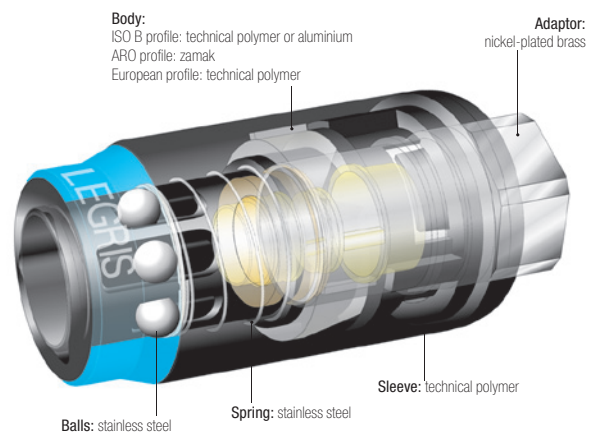
## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air
<b>Working Pressure</b>	0 to 16 bar
<b>Working Temperature</b>	-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

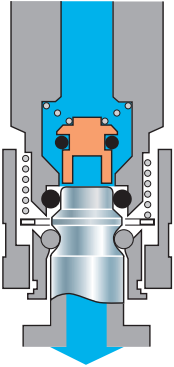


**Silicone-free**

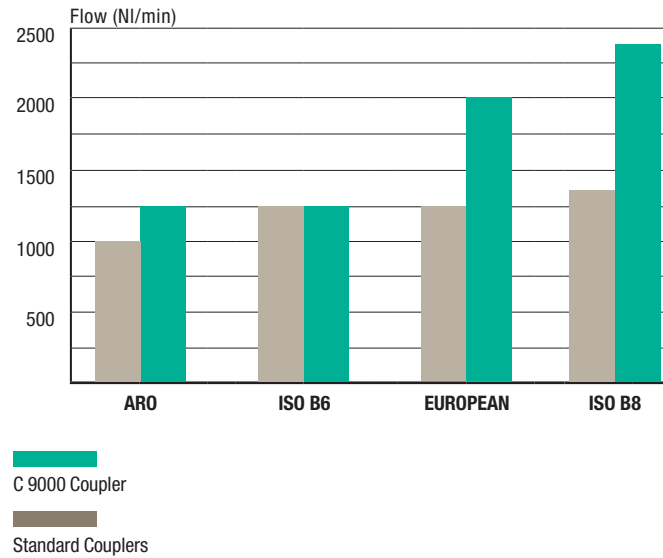
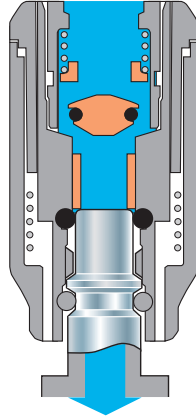
# C 9000 Polymer Quick-Acting Safety Couplers

## C 9000 Technology and Flow Rates

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



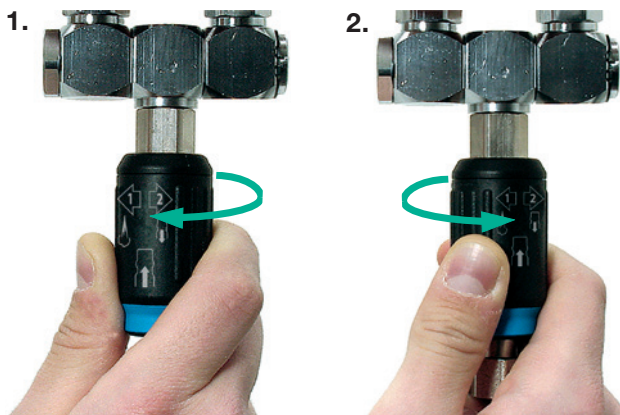
C 9000 quick-acting coupler  
"Optimal flow" technology  
Flow: 2400 NI/min



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

## Operation

### Operation



Disconnecting the probe

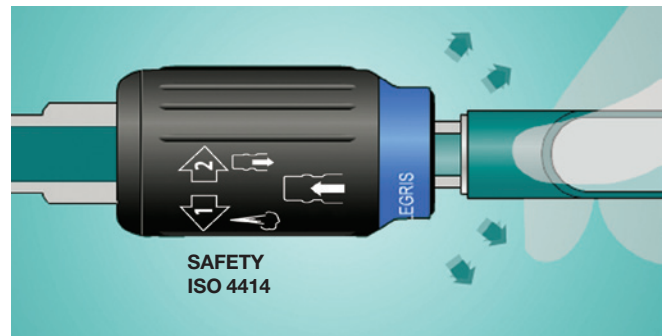
Rotation, arrow 1: circuit vented on probe side.

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)

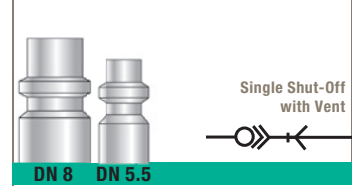
ISO B8 profile, PVC tubing (I.D. 10 mm, length 25 m)

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


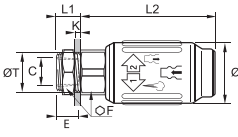


Even with longer lengths of tubing, the vent time of the C 9000 coupler can be less than 1 second.



# ISO B Profile


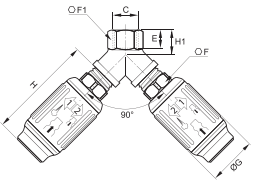




## 9416U Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 <b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>K<sub>max</sub></b>	<b>L1</b>	<b>L2</b>	<b>ØT<sub>min</sub></b>	<b>kg</b>	
		5.5	G1/4	<a href="#">9416U06 13</a>	12	22	31.5	6	12.5	68.5	18.5	0.105
		8	G3/8	<a href="#">9416U08 17</a>	12	24	36.5	7	14.5	76	22.5	0.150


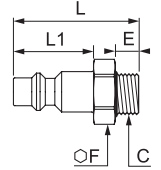


C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min  
 C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

## 9440U Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	 <b>C</b>		<b>E</b>	<b>F</b>	<b>F1</b>	<b>G</b>	<b>H</b>	<b>H1</b>	<b>kg</b>	
		5.5	G3/8	<a href="#">9440U06 17</a>	11.5	19	20	31.5	70	16	0.207
		8	G1/2	<a href="#">9440U08 21</a>	14	22	25	36.5	80	19	0.352


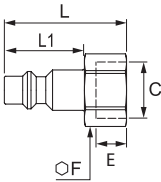


C 9000 Series ISO B (DN 5.5): single shut-off = 1250 NI/min  
 C 9000 Series ISO B (DN 8): single shut-off = 2400 NI/min

## 9087U Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 	 <b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
		5.5	G1/4	<a href="#">9087U06 13</a>	9	17	38	24	0.025
			G3/8	<a href="#">9087U06 17</a>	9	19	38	24	0.032
			G1/2	<a href="#">9087U06 21</a>	12	22	42	24	0.048
			G1/4	<a href="#">9087U08 13</a>	9	17	38	24	0.030
			G3/8	<a href="#">9087U08 17</a>	9	19	39	24	0.036


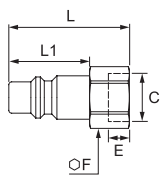


G1/2 [9087U08 21](#) 12 22 42 24 0.058  
 Probe without shut-off

## 9086U Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 	 <b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
		5.5	G1/4	<a href="#">9086 23 13</a>	9	17	36	24	0.025
			G3/8	<a href="#">9086 23 17</a>	9	19	36	24	0.025
			G1/2	<a href="#">9086 23 21</a>	12	24	39	24	0.039

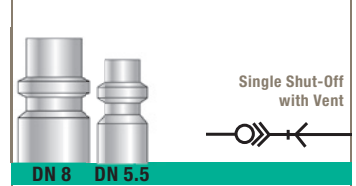
Probe without shut-off

## 9086U Probe, Straight-Through, Female BSPP Thread


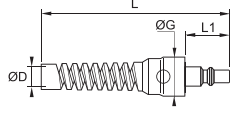

	Nickel-plated steel 	 <b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
		8.5	G1/4	<a href="#">9086 30 13</a>	10	17	40	28	0.032
			G3/8	<a href="#">9086 30 17</a>	10	19	42	28	0.035
			G1/2	<a href="#">9086 30 21</a>	12	24	43	28	0.046

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


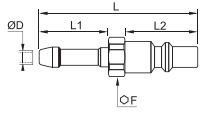

# ISO B Profile



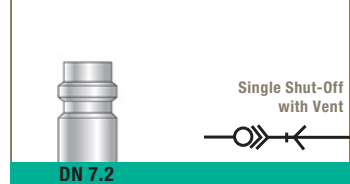
## 9080U Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring

	Nickel-plated steel, NBR 		<b>DN</b>	<b>ØD</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	8	<a href="#">9080U06 08</a>	24	112	24	0.052
				10	<a href="#">9080U06 10</a>	24	112	24	0.044
			8	10	<a href="#">9080U08 10</a>	24	114	26	0.095
				12	<a href="#">9080U08 12</a>	29.5	125	26	0.096
Probe without shut-off									


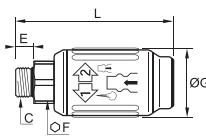


## 9094U Probe, Straight-Through, with Hosetail

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

# European Profile


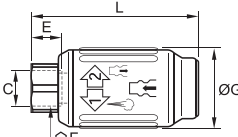




## 9401E Coupler, Male BSPP Thread

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


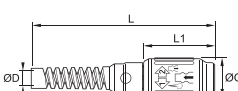


C 9000 Series: single shut-off = 2000 NI/min

## 9414E Coupler, Female BSPP Thread

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


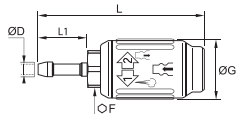


C 9000 Series: single shut-off = 2000 NI/min

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

	Technical polymer, nickel-plated brass, NBR 		<b>ØD</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>						
									10	<a href="#">9410E07 10</a>	36.5	151	63	0.175
									7.2	12	<a href="#">9410E07 12</a>	36.5	151	63


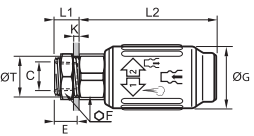


C 9000 Series: single shut-off = 2000 NI/min

## 9421E Coupler with Hosetail

	Technical polymer, nickel-plated brass, NBR 		<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>								
										8	<a href="#">9421E07 08</a>	22	36.5	93	26	0.113	
										7.2	10	<a href="#">9421E07 10</a>	22	36.5	93	26	0.114
											13	<a href="#">9421E07 13</a>	22	36.5	97	30	0.119

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

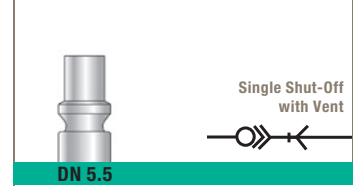
## 9416E Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 		<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>K max</b>	<b>L1</b>	<b>L2</b>	<b>ØT min</b>	<b>kg</b>											
													7.2	G3/8	<a href="#">9416E07 17</a>	12	24	36.5	7	14.5	74	22.5	0.153


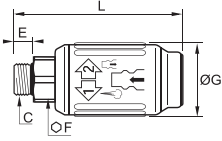


C 9000 Series: single shut-off = 2000 NI/min




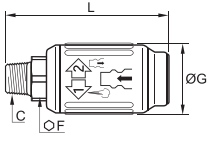


# ARO Profile




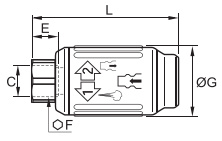


## 9401A Coupler, Male BSPP Thread

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


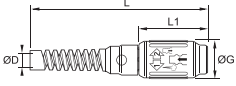


## 9405A Coupler, Male BSPT Thread

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


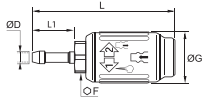


## 9414A Coupler, Female BSPP Thread

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

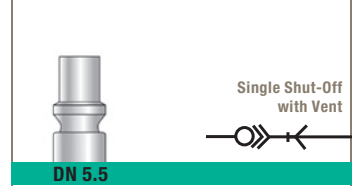
## 9410A Coupler, LF 3000® Push-In Connection, with Spiral Protection Spring

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


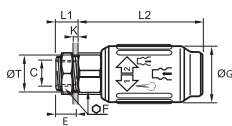


## 9421A Coupler with Hosetail

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

# ARO Profile


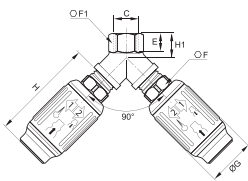




## 9416A Coupler, Bulkhead Mountable, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 		<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>K</b>	<b>L1</b>	<b>L2</b>	<b>ØT</b>	<b>kg</b>


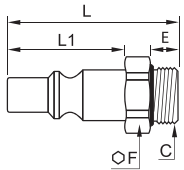


C 9000 series: single shut-off = 1250 NI/min

## 9440A Y Coupler, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 		<b>C</b>		<b>E</b>	<b>F</b>	<b>F1</b>	<b>G</b>	<b>H</b>	<b>H1</b>	<b>kg</b>


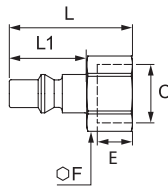


C 9000 series: single shut-off = 1250 NI/min

## 9087A Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 		<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>								
										G1/4	<b>9087A06 13</b>	9	17	36	22	0.020	
										5.5	G3/8	<b>9087A06 17</b>	9	19	36	22	0.024
										G1/2	<b>9087A06 21</b>	12	24	40	22	0.039	


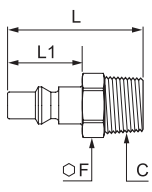


Probe without shut-off

## 9086A Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 		<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>								
										G1/4	<b>9086 22 13</b>	9	17	35.5	22	0.024	
										5.5	G3/8	<b>9086 22 17</b>	10	19	35.5	22	0.023
										G1/2	<b>9086 22 21</b>	12	24	38	22	0.039	

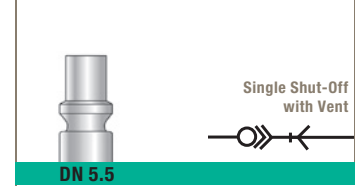
Probe without shut-off

## 9084A Probe, Straight-Through, Male BSPT Thread


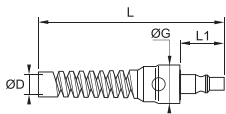


	Nickel-plated steel 		<b>C</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>							
									R1/4	<b>9084 22 13</b>	14	40.5	22	0.020	
									5.5	R3/8	<b>9084 22 17</b>	17	40.5	22	0.031
									R1/2	<b>9084 22 21</b>	22	46	22	0.048	

Probe without shut-off


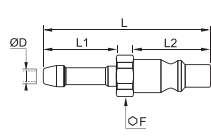


# ARO Profile



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

	Nickel-plated steel, NBR 	 <b>ØD</b> 	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
		5.5	8	<a href="#">9080A06 08</a>	24	118	22	0.028
			10	<a href="#">9080A06 10</a>	24	118	22	0.027
Probe without shut-off								

## 9094A Probe, Straight-Through, with Hosetail

	Nickel-plated steel 	 <b>ØD</b> 	<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>		
			6	<a href="#">9094A06 06</a>	14	48.5	22	25	0.012
		5.5	8	<a href="#">9094A06 08</a>	14	48.5	22	25	0.014
	10	<a href="#">9094A06 10</a>	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

- |                                       |  |                                       |  |                                       |  |  |  |  |  |
|---------------------------------------|--|---------------------------------------|--|---------------------------------------|--|--|--|--|--|
| <b>9101</b><br>23 Series<br>Page 8-25 | <b>9101</b><br>24 & 30 Series<br>Page 8-25 | <b>9114</b><br>23 Series<br>Page 8-25 | <b>9114</b><br>24 & 30 Series<br>Page 8-25 | <b>9123</b><br>23 Series<br>Page 8-25 | <b>9123</b><br>24 & 30 Series<br>Page 8-26 | <b>9087</b><br>23, 24 & 30 Series<br>Page 8-26 | <b>9086</b><br>23, 24 & 30 Series<br>Page 8-26 | <b>9085</b><br>23, 24 & 30 Series<br>Page 8-26 | <b>9293</b><br>23 & 24 Series<br>Page 8-26 |
|---------------------------------------|--|---------------------------------------|--|---------------------------------------|--|--|--|--|--|



### European Profile, 25, 26 and 27 Series

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



### ARO Profile, 14 and 22 Series

- |                                       |                                       |                                       |                                       |                                       |                                       |  |  |  |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|
| <b>9101</b><br>14 Series<br>Page 8-30 | <b>9105</b><br>22 Series<br>Page 8-30 | <b>9114</b><br>14 Series<br>Page 8-30 | <b>9114</b><br>22 Series<br>Page 8-30 | <b>9123</b><br>14 Series<br>Page 8-30 | <b>9123</b><br>22 Series<br>Page 8-31 | <b>9084</b><br>14 & 22 Series<br>Page 8-31 | <b>9086</b><br>14 & 22 Series<br>Page 8-31 | <b>9085</b><br>14 & 22 Series<br>Page 8-31 |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|--|--|



### ISO C Profile, 18 Series

- |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>9101</b><br>Page 8-32 | <b>9114</b><br>Page 8-32 | <b>9123</b><br>Page 8-32 | <b>9087</b><br>Page 8-32 | <b>9086</b><br>Page 8-32 | <b>9085</b><br>Page 8-32 |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|



### Asian Profile, 13 Series

- |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>9105</b><br>Page 8-33 | <b>9114</b><br>Page 8-33 | <b>9123</b><br>Page 8-33 | <b>9084</b><br>Page 8-33 | <b>9086</b><br>Page 8-33 | <b>9085</b><br>Page 8-33 |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|



### UK Profile, 17 and 19 Series

- |                                       |                                       |                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <b>9105</b><br>17 Series<br>Page 8-34 | <b>9114</b><br>17 Series<br>Page 8-34 | <b>9123</b><br>17 Series<br>Page 8-34 | <b>9084</b><br>17 Series<br>Page 8-34 | <b>9086</b><br>17 Series<br>Page 8-34 | <b>9085</b><br>17 Series<br>Page 8-34 |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|



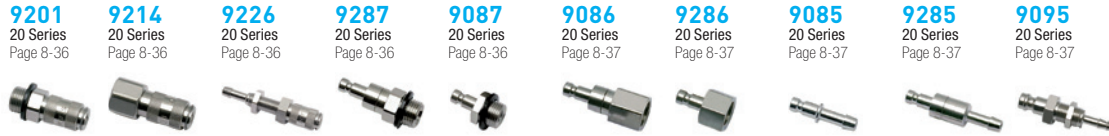
- |                                       |                                       |                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <b>9105</b><br>19 Series<br>Page 8-35 | <b>9114</b><br>19 Series<br>Page 8-35 | <b>9123</b><br>19 Series<br>Page 8-35 | <b>9084</b><br>19 Series<br>Page 8-35 | <b>9086</b><br>19 Series<br>Page 8-35 | <b>9085</b><br>19 Series<br>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

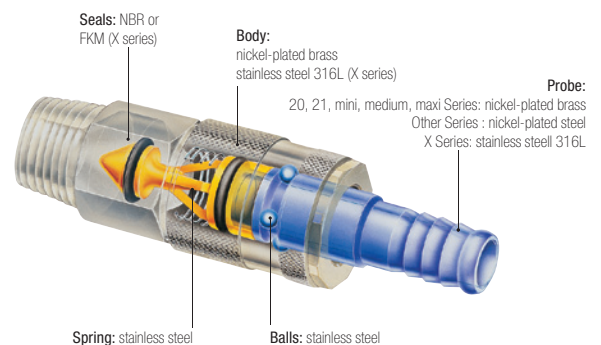
**Applications**

## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air, water (see compatibility chart below)
<b>Working Pressure</b>	0 to 20 bar 0 to 35 bar (stainless steel series)
<b>Working Temperature</b>	-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

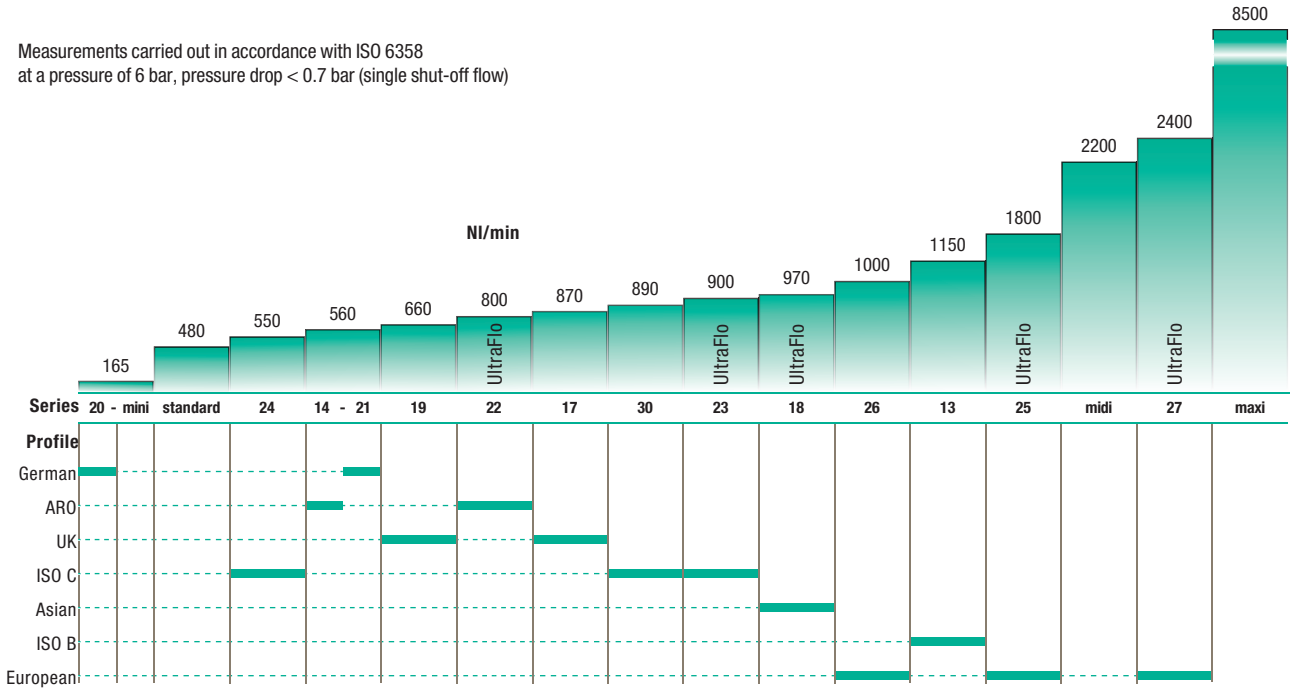


Silicone-free

# Metal Quick-Acting Couplers

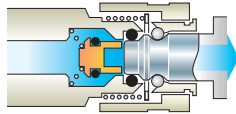
## Metal Quick-Acting Coupler Technology and Flow Rates

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



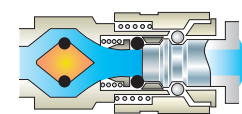
### "Typical" quick-acting coupler

Standard "poppet" technology  
Flow: 1000 NI/min



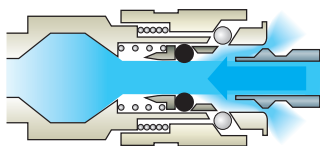
### UltraFlo quick-acting coupler

"Optimal flow" technology  
Flow: 1700 NI/min

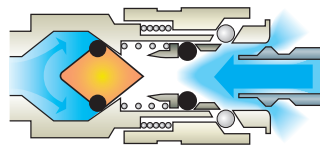
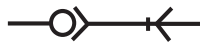


## 3 Shut-Off Functions

### Straight-Through

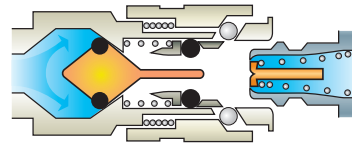
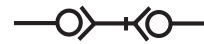


### Single Shut-Off



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

### Double Shut-Off

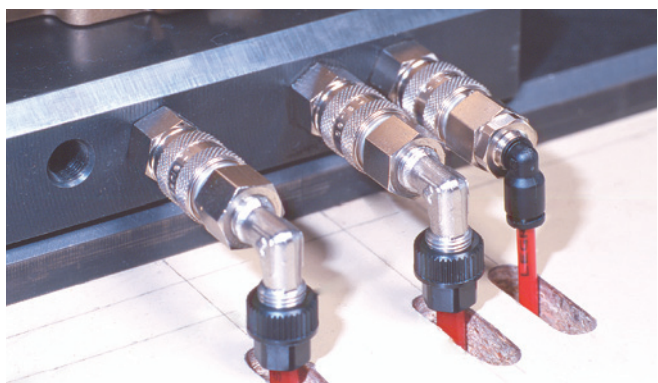


Double shut-off coupler  
+ probe with shut-off  
When disconnected, the fluid path is closed upstream (body side) and downstream (probe side).

## 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.

## **A**cetamide

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

## **B**utyl alcohol

## **C**alcium carbonate

Castor oil  
Coconut oil  
Cod liver oil  
Cold ammonium  
Corn oil  
Cotton seed oil  
Cyclohexane

## **D**etergents

Diesel oil  
Diethylene glycol

## **E**ngine oil

Ethane  
Ethanol  
Ethyl alcohol  
Ethyl silicate  
Ethylene glycol

## **F**uel oil

## **G**ear oil

Glycerin  
Glycerol triacetate  
Glycol  
Groundnut oil

## **H**eating oil (petroleum-based)

Helium

Heptane N

Hexane N

Hexyl alcohol

Hydraulic liquids:

H group  
H-L group  
H-LP group  
HSA group  
HSB group  
HSD c (T) group in accordance with  
DIN 51524 and 51525

## **I**sododecane

Isooctane

## **L**ard

Linseed oil

Methanol

Mineral oil

Neatsfoot oil

## **N**-Heptane

N-Hexane

Nitrogen

N-Pentane

## **O**ctadecane

Olive oil

## **P**entane N

Petroleum

Propyl alcohol

Propylene glycol

## **S**eawater

Silicone grease

Soap solution

Sodium hydroxide

Sodium sulphate

Soya bean oil

Stearyl alcohol

## **T**erebenthine

Trisodium phosphate

## **V**aseline

Vaseline oil

Vegetable oil

## **W**ater

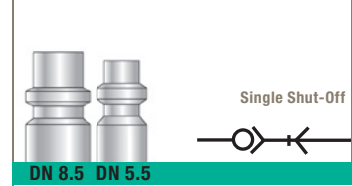
Wood oil

## **Z**inc chloride


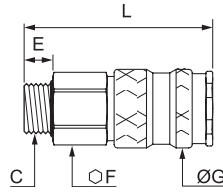

The above recommendations are given in good faith. However, since each application is different, it is advisable to undertake tests in actual working conditions.

# ISO B Profile


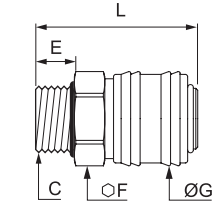

## 23, 24 and 30 Series




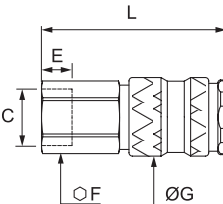

### 9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	$\text{DN}$ <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
		G1/4 <b>9101 23 13</b>	9	19	23	57	0.091
		5.5 G3/8 <b>9101 23 17</b>	9	19	23	57	0.093
		G1/2 <b>9101 23 21</b>	12	22	23	60	0.132
23 Series (DN 5.5): single shut-off = 900 NI/min							


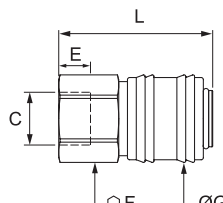

### 9101 Coupler, Male BSPP Thread

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


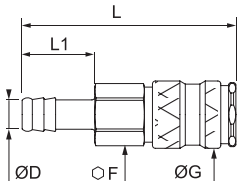

### 9114 Coupler, Female BSPP Thread

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

### 9114 Coupler, Female BSPP Thread

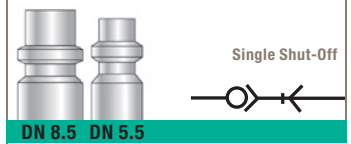
	Nickel-plated brass, NBR 	$\text{DN}$ <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
		G1/4 <b>9114 24 13</b>	9	22	27	43	0.096
		5.5 G3/8 <b>9114 24 17</b>	9	22	27	43	0.091
		G1/2 <b>9114 24 21</b>	12	24	27	46	0.098
		G1/4 <b>9114 30 13</b>	9	22	29	49	0.113
		8.5 G3/8 <b>9114 30 17</b>	9	22	29	49	0.107
G1/2 <b>9114 30 21</b>	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


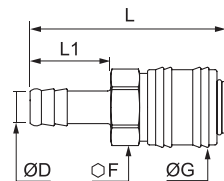

	Nickel-plated brass, NBR 	$\text{DN}$ <b>ØD</b> 	<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		6 <b>9123 23 06</b>	19	23	73	25	0.091
		5.5 8 <b>9123 23 08</b>	19	23	73	25	0.092
		10 <b>9123 23 10</b>	19	23	73	25	0.094
23 Series (DN 5.5): single shut-off = 900 NI/min							

# ISO B Profile


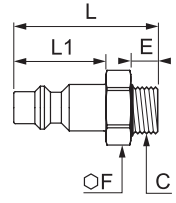

## 23, 24 and 30 Series




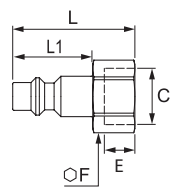

### 9123 Coupler with Barb Connection

	Nickel-plated brass, NBR 		$\overline{\text{DN}}$	$\varnothing D$	<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			6	9123 24 06	21	27	60	25	0.081	
			5.5	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										


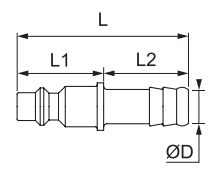

### 9087 Probe, Straight-Through, Male BSPP Thread

	Nickel-plated steel, technical polymer 		$\overline{\text{DN}}$	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			5.5	G1/8	9087 23 10	9	13	39	24	0.017
			5.5	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)										


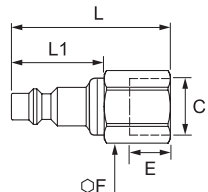

### 9086 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 		$\overline{\text{DN}}$	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			5.5	G1/8	9086 23 10	9	17	36	24	0.021
			5.5	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

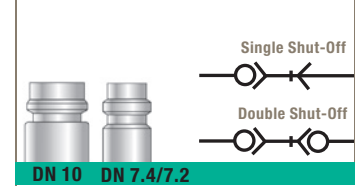
	Nickel-plated steel 		$\overline{\text{DN}}$	$\varnothing D$	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>	
			5.5	6	9085 23 06	51	24	25	0.016
			5.5	8	9085 23 08	51	27	25	0.017
				10	9085 23 10	51	24	25	0.018
				8	9085 30 08	55	28	25	0.027
				10	9085 30 10	55	28	25	0.028
				13	9085 30 13	55	28	25	0.031
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 		$\overline{\text{DN}}$	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	G1/4	9293 23 13	10	22	47	24
Probe with shut-off									

# European Profile

## 25, 26 and 27 Series



### 9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 		<b>DN</b>	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
			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 		<b>DN</b>	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
			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 		<b>DN</b>	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
			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

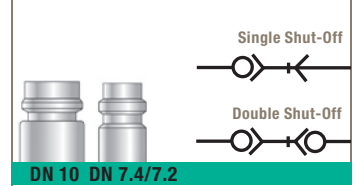
	Nickel-plated brass, NBR 		<b>DN</b>	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
			7.2	G1/4	9114 26 13	9	22	27	43	0.089
				G3/8	9114 26 17	9	22	27	43	0.084
				G1/2	9114 26 21	12	24	27	46	0.090
26 Series (DN 7.2): single shut-off = 1000 NL/min										

### 9223 Coupler with Barb Connection


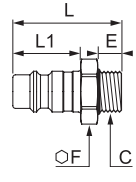

	Nickel-plated brass, NBR 		<b>DN</b>	<b>ØD</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			7.4	6	9223 25 06	19	23	73	25	0.095
				8	9223 25 08	19	23	73	25	0.097
				10	9223 25 10	19	23	73	25	0.097
				13	9223 25 13	19	23	73	25	0.099
			10	8	9223 27 08	24	27	80	21	0.146
				10	9223 27 10	24	27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


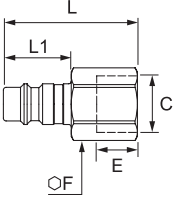

## 25, 26 and 27 Series




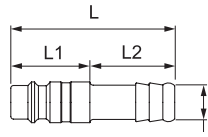

### 9087 Probe, Straight-Through, Male BSPP Thread

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


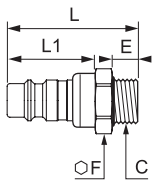

### 9086 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated steel 		<b>DN</b> <b>C</b>	<b>E</b> <b>F</b> <b>L</b> <b>L1</b> <b>kg</b>
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 		<b>DN</b> <b>ØD</b>	<b>L</b> <b>L1</b> <b>L2</b> <b>kg</b>
Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)				

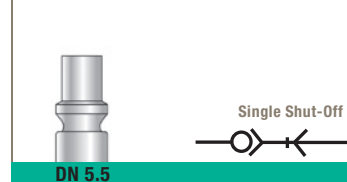
### 9287 Probe, Valved, Male BSPP Thread

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


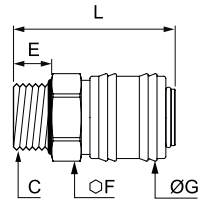










# ARO Profile

## 14 and 22 Series


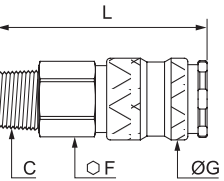









### 9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR																
	G1/4	<a href="#">9101 14 13</a>										9	22	27	43	0.080	
	5.5	G3/8										<a href="#">9101 14 17</a>	9	22	27	43	0.081
		G1/2										<a href="#">9101 14 21</a>	12	24	27	46	0.093


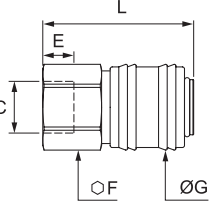








14 Series (DN 5.5): single shut-off = 560 NI/min

### 9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR														
		R1/4									<a href="#">9105 22 13</a>	19	23	61	0.098
	5.5	R3/8									<a href="#">9105 22 17</a>	12	19	60	0.096
		R1/2									<a href="#">9105 22 21</a>	22	23	61	0.114


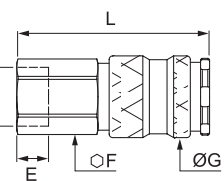








22 Series (DN 5.5): single shut-off = 800 NI/min

### 9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR																
		G1/4										<a href="#">9114 14 13</a>	9	22	27	43	0.095
	5.5	G3/8										<a href="#">9114 14 17</a>	9	22	27	43	0.091
		G1/2										<a href="#">9114 14 21</a>	12	24	27	46	0.098


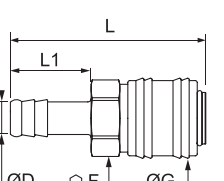








14 Series (DN 5.5): single shut-off = 560 NI/min

### 9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR																
		G1/4										<a href="#">9114 22 13</a>	9	19	23	56	0.098
	5.5	G3/8										<a href="#">9114 22 17</a>	9	19	23	55	0.091
		G1/2										<a href="#">9114 22 21</a>	12	24	23	58	0.123

22 Series (DN 5.5): single shut-off = 800 NI/min

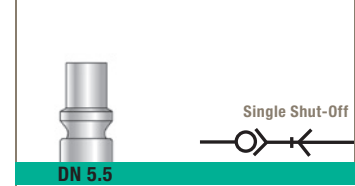
### 9123 Coupler with Barb Connection

	Nickel-plated brass, NBR																
		6										<a href="#">9123 14 06</a>	21	27	60	25	0.080
		8										<a href="#">9123 14 08</a>	21	27	60	25	0.081
	5.5	9										<a href="#">9123 14 09</a>	21	27	60	25	0.082
		10										<a href="#">9123 14 10</a>	21	27	60	25	0.082
		13										<a href="#">9123 14 13</a>	21	27	60	25	0.094


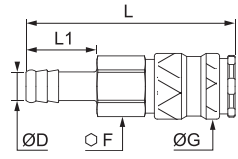

14 Series (DN 5.5): single shut-off = 560 NI/min

# ARO Profile


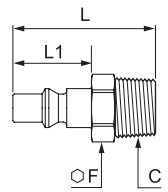

## 14 and 22 Series




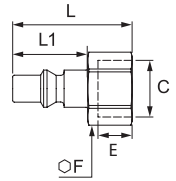

### 9123 Coupler with Barb Connection

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


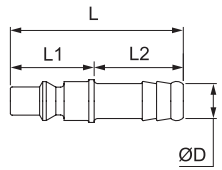

### 9084 Probe, Straight-Through, Male BSPT Thread

	Nickel-plated steel 	(DN) <b>C</b> 	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
		R1/4	<a href="#">9084 22 13</a>	14	40.5	22	0.020	
		5.5	R3/8	<a href="#">9084 22 17</a>	17	40.5	22	0.031
		R1/2	<a href="#">9084 22 21</a>	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

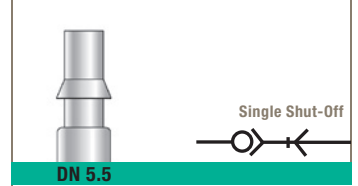
	Nickel-plated steel 	(DN) <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
		G1/4	<a href="#">9086 22 13</a>	9	17	35.5	22	0.024	
		5.5	G3/8	<a href="#">9086 22 17</a>	10	19	35.5	22	0.023
		G1/2	<a href="#">9086 22 21</a>	12	24	38	22	0.039	
Probe without shut-off 22 Series probe (DN 5.5) compatible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

### 9085 Probe, Straight-Through, with Barb Connection


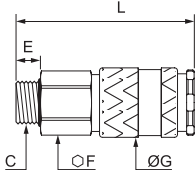

	Nickel-plated steel 	(DN) <b>ØD</b> 	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>		
		6	<a href="#">9085 22 06</a>	48.5	22	25	0.012	
		8	<a href="#">9085 22 08</a>	48.5	22	25	0.014	
		5.5	9	<a href="#">9085 22 09</a>	48.5	22	25	0.014
		10	<a href="#">9085 22 10</a>	48.5	22	25	0.016	
		13	<a href="#">9085 22 13</a>	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


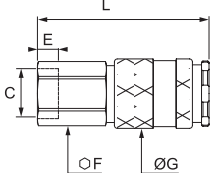

## 18 Series




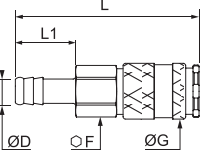

### 9101 Coupler, Male BSPP Thread

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


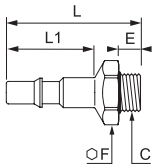

### 9114 Coupler, Female BSPP Thread

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


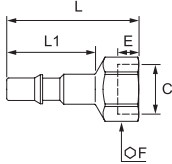

### 9123 Coupler with Barb Connection

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


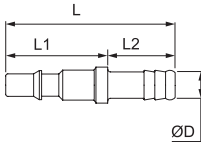

### 9087 Probe, Straight-Through, Male BSPP Thread

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

### 9086 Probe, Straight-Through, Female BSPP Thread

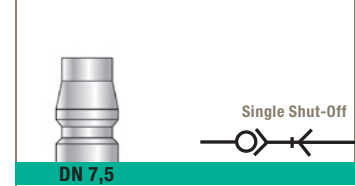
	Nickel-plated steel 	(DN) C 	E	F	L	L1	kg		
			5.5	G1/4	<a href="#">9086 18 13</a>	9	17	40	28
			G3/8	<a href="#">9086 18 17</a>	9	19	41	28	0.024
Probe without shut-off									

### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel 	(DN) ØD 	L	L1	L2	kg			
			5.5	6	<a href="#">9085 18 06</a>	56	28	25	0.016
				8	<a href="#">9085 18 08</a>	56	28	25	0.016
			10	<a href="#">9085 18 10</a>	56	28	25	0.018	
Probe without shut-off									

# Asian Profile

## 13 Series



### 9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR		$\text{DN}$	<b>C</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
				R1/4		<a href="#">9105 13 13</a>	22	27	49	0.086
			7.5	R3/8		<a href="#">9105 13 17</a>	22	27	49	0.090
				R1/2		<a href="#">9105 13 21</a>	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		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
				G1/4		<a href="#">9114 13 13</a>	9	22	27	45	0.099
			7.5	G3/8		<a href="#">9114 13 17</a>	9	22	27	45	0.093
				G1/2		<a href="#">9114 13 21</a>	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		$\text{DN}$	<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
				8		<a href="#">9123 13 08</a>	21	27	62	25	0.084
			7.5	10		<a href="#">9123 13 10</a>	21	27	62	25	0.086
				13		<a href="#">9123 13 13</a>	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		$\text{DN}$	<b>C</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
				R1/4		<a href="#">9084 13 13</a>	14	37	12	0.022
			7.5	R3/8		<a href="#">9084 13 17</a>	17	37	12	0.028
				R1/2		<a href="#">9084 13 21</a>	22	44	17	0.050
Probe without shut-off										

### 9086 Probe, Straight-Through, Female BSPP Thread

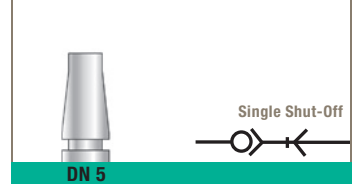
	Nickel-plated steel		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
				G1/4		<a href="#">9086 13 13</a>	9	17	22	12	0.026
			7.5	G3/8		<a href="#">9086 13 17</a>	9	19	33	12	0.024
				G1/2		<a href="#">9086 13 21</a>	12	24	36	17	0.036
Probe without shut-off											

### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel		$\text{DN}$	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>kg</b>	
				8		<a href="#">9085 13 08</a>	48	25	0.020
			7.5	10		<a href="#">9085 13 10</a>	48	25	0.021
				13		<a href="#">9085 13 13</a>	48	25	0.026
Probe without shut-off									

# UK Profile

## 17 Series



### 9105 Coupler, Male BSPT Thread

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

### 9114 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
				G1/4	<a href="#">9114 17 13</a>	9	19	23	58	0.110
			5	G3/8	<a href="#">9114 17 17</a>	9	19	23	57	0.103
				G1/2	<a href="#">9114 17 21</a>	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		$\overline{\text{DN}}$	<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
				6	<a href="#">9123 17 06</a>	19	23	76	25	0.106
			5	8	<a href="#">9123 17 08</a>	19	23	76	25	0.108
				10	<a href="#">9123 17 10</a>	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		$\overline{\text{DN}}$	<b>C</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
				R1/8	<a href="#">9084 17 10</a>	11	37	9	0.016
			5	R1/4	<a href="#">9084 17 13</a>	14	42	12	0.021
				R3/8	<a href="#">9084 17 17</a>	17	42	12	0.014
				R1/2	<a href="#">9084 17 21</a>	22	48	17	0.048
Probe without shut-off									

### 9086 Probe, Straight-Through, Female BSPP Thread

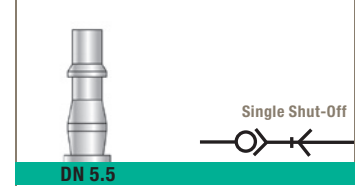
	Nickel-plated steel		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
				G1/8	<a href="#">9086 17 10</a>	7	14	33	0.016
			5	G1/4	<a href="#">9086 17 13</a>	9	17	33	0.022
				G3/8	<a href="#">9086 17 17</a>	9	19	33	0.023
				G1/2	<a href="#">9086 17 21</a>	12	24	36	0.030
Probe without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

### 9085 Probe, Straight-Through, with Barb Connection

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

# UK Profile

## 19 Series



### 9105 Coupler, Male BSPT Thread

	Nickel-plated brass, NBR 	(DN) <b>C</b>		<b>F</b> <b>G</b> <b>L</b> <b>kg</b>		
		R1/4			<a href="#">9105 19 13</a>	19 23 63 0.100
		5.5 R3/8			<a href="#">9105 19 17</a>	19 23 62 0.099
		R1/2			<a href="#">9105 19 21</a>	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) <b>C</b>		<b>E</b> <b>F</b> <b>G</b> <b>L</b> <b>kg</b>		
		G1/4			<a href="#">9114 19 13</a>	9 19 23 58 0.102
		5.5 G3/8			<a href="#">9114 19 17</a>	9 19 23 58 0.095
		G1/2			<a href="#">9114 19 21</a>	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) <b>ØD</b>		<b>F</b> <b>G</b> <b>L</b> <b>L1</b> <b>kg</b>		
		6			<a href="#">9123 19 06</a>	19 23 76 25 0.097
		5.5 8			<a href="#">9123 19 08</a>	19 23 76 25 0.099
		10			<a href="#">9123 19 10</a>	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) <b>C</b>		<b>F</b> <b>L</b> <b>L1</b> <b>kg</b>		
		R1/4			<a href="#">9084 19 13</a>	14 50 12 0.022
		5.5 R3/8			<a href="#">9084 19 17</a>	17 50 12 0.026
		R1/2			<a href="#">9084 19 21</a>	22 56 17 0.051
Probe without shut-off						

### 9086 Probe, Straight-Through, Female BSPP Thread

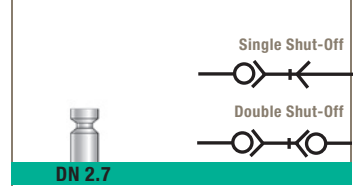
	Nickel-plated steel 	(DN) <b>C</b>		<b>E</b> <b>F</b> <b>L</b> <b>kg</b>		
		G1/4			<a href="#">9086 19 13</a>	9 17 46 0.025
		5.5 G3/8			<a href="#">9086 19 17</a>	9 19 47 0.026
		G1/2			<a href="#">9086 19 21</a>	12 24 50 0.039
Probe without shut-off						

### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel 	(DN) <b>ØD</b>		<b>L</b> <b>L1</b> <b>L2</b> <b>kg</b>		
		6			<a href="#">9085 19 06</a>	60 25 35 0.016
		5.5 8			<a href="#">9085 19 08</a>	60 25 35 0.017
		10			<a href="#">9085 19 10</a>	60 25 35 0.019
Probe without shut-off						

# German Profile

## 20 Series



### 9201 Coupler, Male BSPP and Metric Thread

	Nickel-plated brass, NBR 	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>			
			2.7	M5x0.8	<a href="#">9201 20 19</a>	5	9	10	26	0.009
				G1/8	<a href="#">9201 20 10</a>	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 	<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>			
			2.7	M5x0.8	<a href="#">9214 20 19</a>	5	9	10	25	0.010
				G1/8	<a href="#">9214 20 10</a>	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 	<b>ØD</b>	<b>F1</b>	<b>F2</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>	
			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

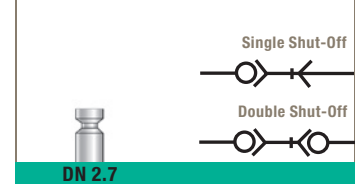
	Nickel-plated brass 	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
			2.7	M5x0.8	<a href="#">9087 20 19</a>	5	7	18	10	0.002
				G1/8	<a href="#">9087 20 10</a>	7	11	18	10	0.005
Probe without shut-off										

### 9287 Probe, Valved, Male BSPP and Metric Thread

	Nickel-plated brass, NBR 	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
			2.7	M5x0.8	<a href="#">9287 20 19</a>	5	7	28	10	0.006
				G1/8	<a href="#">9287 20 10</a>	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		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			2.7	M5x0.8		<a href="#">9086 20 19</a>	5	7	17	10	0.003
				G1/8		<a href="#">9086 20 10</a>	7	12	19	10	0.006
Probe without shut-off											

### 9286 Probe, Valved, Female BSPP and Metric Thread

	Nickel-plated brass, NBR		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
			2.7	M5x0.8		<a href="#">9286 20 19</a>	5	7	27	10	0.007
				G1/8		<a href="#">9286 20 10</a>	7	12	30	10	0.010
Probe with shut-off											

### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated brass		$\text{DN}$	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>	
				3		<a href="#">9085 20 03</a>	24	10	13	0.002
			2.7	4		<a href="#">9085 20 04</a>	24	10	13	0.002
				5		<a href="#">9085 20 05</a>	24	9	13	0.003
Probe without shut-off										

### 9285 Probe, Valved, with Barb Connection

	Nickel-plated brass, NBR		$\text{DN}$	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>	
				3		<a href="#">9285 20 03</a>	37	10	13	0.007
			2.7	4		<a href="#">9285 20 04</a>	37	10	13	0.007
				5		<a href="#">9285 20 05</a>	37	10	13	0.007
Probe with shut-off										

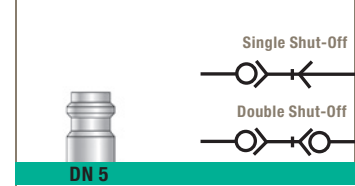
### 9095 Probe, Straight-Through, Bulkhead Mountable, with Barb Connection

	Nickel-plated brass		$\text{DN}$	<b>ØD</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>L3</b>	<b>kg</b>	
			2.7	3		<a href="#">9095 20 03</a>	11	44	10	17	13	0.012
				4		<a href="#">9095 20 04</a>	11	44	10	17	13	0.012
			Probe without shut-off									



# German Profile

## 21 Series



### 9086 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated brass		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5	G1/8	<a href="#">9086 21 10</a>	8	14	25	14	0.014
				G1/4	<a href="#">9086 21 13</a>	9	17	26	14	0.018
Probe without shut-off										

### 9286 Probe, Valved, Female BSPP Thread

	Nickel-plated brass, NBR		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5	G1/8	<a href="#">9286 21 10</a>	8	14	40	14	0.025
				G1/4	<a href="#">9286 21 13</a>	9	17	42	14	0.035
Probe with shut-off										

### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated brass		$\text{DN}$	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			5	4	<a href="#">9085 21 04</a>	32	14	17	0.006
				6	<a href="#">9085 21 06</a>	32	14	17	0.008
				8	<a href="#">9085 21 08</a>	32	14	17	0.009
Probe without shut-off									

### 9285 Probe, Valved, with Barb Connection

	Nickel-plated brass, NBR		$\text{DN}$	<b>ØD</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			5	4	<a href="#">9285 21 04</a>	14	50	14	17	0.022
				6	<a href="#">9285 21 06</a>	14	50	14	17	0.023
				8	<a href="#">9285 21 08</a>	14	50	14	17	0.024
Probe with shut-off										

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

	Nickel-plated brass		$\text{DN}$	<b>ØD</b>		<b>F1</b>	<b>F2</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>L3</b>	<b>kg</b>
			5	4	<a href="#">9095 21 04</a>	14	14	50	14	14	17	0.019
				6	<a href="#">9095 21 06</a>	14	17	50	14	14	17	0.027
				8	<a href="#">9095 21 08</a>	14	17	50	14	14	17	0.028
Probe without shut-off												

# Mini Series


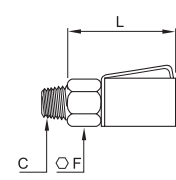






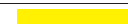

Single Shut-Off



Double Shut-Off


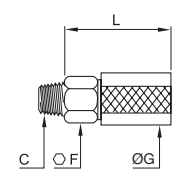









## 0171 Coupler, Male BSPT and Parallel Metric Thread

	<p>Technical polymer, nickel-plated brass, NBR</p> 		<p><b>C</b></p> 	<p><b>Colour</b></p>	<p><b>F L kg</b></p>					
						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


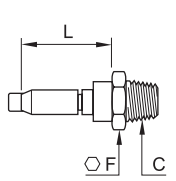


Single shut-off  
Mini Series (DN 2): single shut-off = 165 NL/min

## 0171 Coupler, Straight-Through, Male BSPT Thread

	<p>Technical polymer, nickel-plated brass, NBR</p> 		<p><b>C</b></p> 	<p><b>Colour</b></p>	<p><b>F G L kg</b></p>					
						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


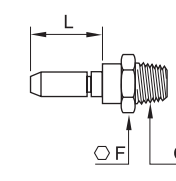


Straight-through

## 0183 Probe, Valved, Male BSPT Thread

	<p>Nickel-plated brass, NBR</p> 		<p><b>C</b></p> 	<p><b>F L kg</b></p>


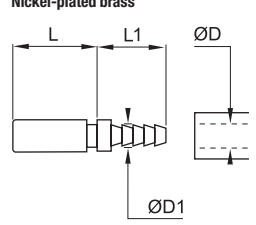


Probe with shut-off

## 0184 Probe, Straight-Through, Male BSPT Thread

	<p>Nickel-plated brass</p> 		<p><b>C</b></p> 	<p><b>F L kg</b></p>

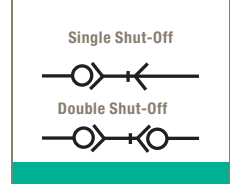
Probe without shut-off

## 0181 Probe without Shut-off, Male BSPT Thread

	<p>Nickel-plated brass</p> 		<p><b>ØD ØD1</b></p> 	<p><b>L L1 kg</b></p>

Probe without shut-off

# Mini Series



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

	Nickel-plated brass		<b>ØD</b> <b>ØD1</b>	<b>L</b>	<b>kg</b>
			3 4 4.7 <b>0181 04 06</b>	19	0.005
Probe without shut-off					

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

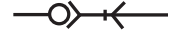
	Nickel-plated brass		<b>ØD</b> <b>ØD1</b>	<b>L</b>	<b>kg</b>
			3 4 6 <b>0180 04 00</b>	19	0.007
Probe without shut-off					
3 5 6.5 <b>0180 05 00</b>					

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


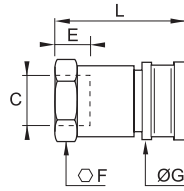


	Nickel-plated brass, NBR		<b>ØD</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			3 4 <b>3150 00 61</b>	8.5	39	18	0.008
Probe without shut-off							

# Standard Series


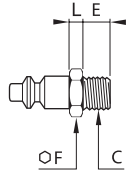


Single Shut-Off




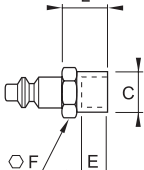


## 0172 Coupler, Female BSPP Thread

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


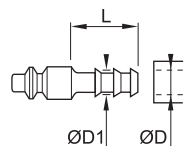


## 0187 Probe, Straight-Through, Male BSPP Thread

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


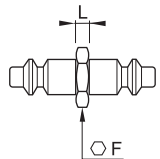


## 0186 Probe, Straight-Through, Female BSPP Thread

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

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

	Zinc-plated steel 	 <b>ØD</b> <b>ØD1</b> 			<b>L</b>	<b>kg</b>		
			4	6	<b>0185 04 00</b>	22.5	0.014	
			5	7	9	<b>0185 07 00</b>	22.5	0.017
				10	12.2	<b>0185 10 00</b>	22.5	0.014
Probe without shut-off								

## 0189 Double Probe

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

# Midi Series

Without Shut-Off



Single Shut-Off



## 0172 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			12	G3/8	<a href="#">0172 12 17</a>	16	27	29	56	0.155
				G1/2	<a href="#">0172 12 21</a>	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		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			12	G1/2	<a href="#">2272 12 21</a>	10	24	29	33	0.072
				G3/4	<a href="#">2272 12 27</a>	10	30	29	34.5	0.074
	G1	<a href="#">2272 12 34</a>	10	36	29	34.5	0.087			

## 2511 Coupler with Barb Connection for Hose

	Nickel-plated brass, NBR		$\overline{\text{DN}}$	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			12	13.5	<a href="#">2511 12 12</a>	29	75	32	0.146	
			12	15	<a href="#">2511 12 15</a>	29	75	32	0.147	
	19	20.5	<a href="#">2511 12 19</a>	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		$\overline{\text{DN}}$	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			12	13.5	<a href="#">2297 12 12</a>	29	51	27	0.073	
			12	15	<a href="#">2297 12 15</a>	29	51	27	0.076	
	19	20.5	<a href="#">2297 12 19</a>	29	57	33	0.090			

## 2294 Probe, Straight-Through, Male BSPP Thread

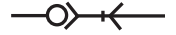
	Nickel-plated brass		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
			12	G3/8	<a href="#">2294 12 17</a>	6	22	31.5	0.031
				G1/2	<a href="#">2294 12 21</a>	9.5	22	37	0.044
				G3/4	<a href="#">2294 12 27</a>	13.5	27	41	0.068
	G1	<a href="#">2294 12 34</a>	10.5	34	36	0.072			
Probe without shut-off									

# Midi Series

Without Shut-Off



Single Shut-Off



## 0196 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated brass		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
			12	G1/4	<a href="#">0196 12 13</a>	12	17	16	0.027
				G3/8	<a href="#">0196 12 17</a>	12	21	15	0.034
				G1/2	<a href="#">0196 12 21</a>	14	26	17	0.050
Probe without shut-off									

## 2296 Probe, Straight-Through, Female BSPP Thread

	Nickel-plated brass		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			12	G1/2	<a href="#">2296 12 21</a>	11	24	31.5	0.031
				G3/4	<a href="#">2296 12 27</a>	11	30	38	0.058
				G1	<a href="#">2296 12 34</a>	11	36	36.5	0.058
Probe without shut-off									

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

	Nickel-plated brass		$\overline{\text{DN}}$	<b>ØD</b>	<b>ØD1</b>		<b>F</b>	<b>L</b>	<b>kg</b>
			12	7	9	<a href="#">0195 07 00</a>	17	29.5	0.026
				10	12.2	<a href="#">0195 10 00</a>	17	29.5	0.028
				13	15.2	<a href="#">0195 13 00</a>	17	29.5	0.030
				16	18.5	<a href="#">0195 16 00</a>	21	36.5	0.048
Probe without shut-off									

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

	Nickel-plated brass		$\overline{\text{DN}}$	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			12	12	13.5	<a href="#">2295 12 12</a>	17	48	27	0.026
				15	16.5	<a href="#">2295 12 15</a>	18	48	27	0.034
				19	20.5	<a href="#">2295 12 19</a>	24	57	33	0.053
Probe without shut-off										

## 2293 Y Coupler, Straight-Through

	Nickel-plated brass, NBR		$\overline{\text{DN}}$		<b>G</b>	<b>H</b>	<b>kg</b>
			12	<a href="#">2293 12 00</a>	29	27	0.139
Probe without shut-off Midi Series: straight-through = 2200 NI/min							

# Midi Series


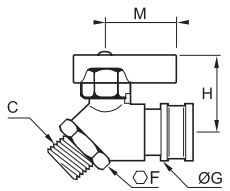


Without Shut-Off




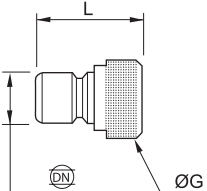


Single Shut-Off




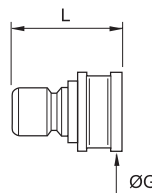


## 2270 Coupler with Tap, Male BSP Thread

	Nickel-plated brass, NBR 	 <b>C</b> 	<b>F</b>	<b>G</b>	<b>H</b>	<b>M</b>	<b>kg</b>	
			12	G1/2	<b>2270 21 00</b>	28	29	40.5
Flow = 2200 NI/min								


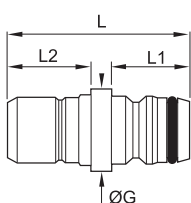


## 2203 Plug

	Nickel-plated brass 	 	<b>G</b>	<b>L</b>	<b>kg</b>
			12	<b>2203 12 00</b>	20


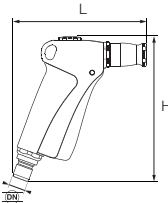


## 2292 Universal Coupler Adaptor

	Nickel-plated brass, NBR 	 	<b>G</b>	<b>L</b>	<b>kg</b>
			12	<b>2292 12 00</b>	29
Without shut-off This adaptor provides interchangeability with numerous components (especially watering accessories).					


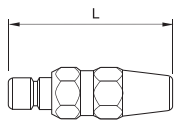


## 2398 Universal Probe Adaptor

	Nickel-plated brass, NBR 	 	<b>G</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			12	<b>2398 12 01</b>	20	43	19
This adaptor provides interchangeability with numerous components (especially watering accessories).							

## 2299 Water Pistol

	Zamak, Nickel-plated brass, NBR 	 	<b>H</b>	<b>L</b>	<b>kg</b>
			12	<b>2299 12 01</b>	140
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


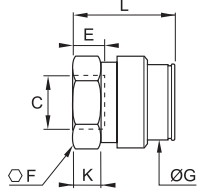


	Nickel-plated brass, NBR 	 	<b>L</b>	<b>kg</b>
			12	<b>2299 12 20</b>
This nozzle allows adjustment of the spray.				

# Maxi Series


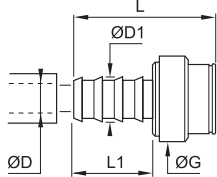


Without Shut-Off




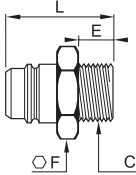


## 2272 Coupler, Straight-Through, Female BSP Thread

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


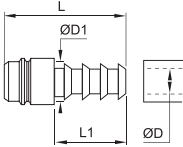


## 2297 Coupler, Straight-Through with Barb Connection for Hose

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

## 2294 Coupler, Straight-Through, Male BSP Thread

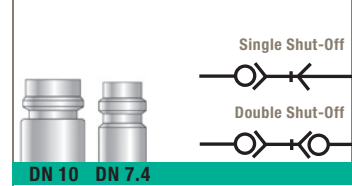
	Nickel-plated brass 	 <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
			19	G3/4	<b>2294 18 27</b>	10.5
Probe without shut-off G1 <b>2294 18 34</b> 13 34 46 0.102						

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

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

# Stainless Steel European Profile

## X25 and X27 Series



### 9201 Coupler, Male BSPP Thread

	Stainless steel 316L, FKM		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			7.4	G1/4	<a href="#">9201X25 13</a>	10.5	19	23	59	0.095
				G3/8	<a href="#">9201X25 17</a>	9	19	23	57.5	0.094
				G1/2	<a href="#">9201X25 21</a>	12	24	23	60.5	0.131
			10	G3/8	<a href="#">9201X27 17</a>	9	24	27	57.5	0.131
				G1/2	<a href="#">9201X27 21</a>	12	24	27	59.5	0.134
				G3/4	<a href="#">9201X27 27</a>	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		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			7.4	G1/4	<a href="#">9214X25 13</a>	10	19	23	56	0.096
				G3/8	<a href="#">9214X25 17</a>	9	19	23	55	0.089
				G1/2	<a href="#">9214X25 21</a>	12	24	23	58	0.119
			10	G3/8	<a href="#">9214X27 17</a>	11	24	27	56	0.140
				G1/2	<a href="#">9214X27 21</a>	12	24	27	56	0.127
				G3/4	<a href="#">9214X27 27</a>	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		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			7.4	G1/4	<a href="#">9287X25 13</a>	10	19	43	20	0.052
				G3/8	<a href="#">9287X25 17</a>	9	19	43	20	0.053
				G1/2	<a href="#">9287X25 21</a>	12	24	46	20	0.089
			10	G3/8	<a href="#">9287X27 17</a>	9	24	58	22	0.080
				G1/2	<a href="#">9287X27 21</a>	12	24	58	22	0.084
				G3/4	<a href="#">9287X27 27</a>	16	32	62	22	0.122

Probe with shut-off

### 9087 Probe, Straight-Through, Male BSPP Thread

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

Probe without shut-off

### 9286 Probe, Valved, Female BSPP Thread

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

Probe with shut-off

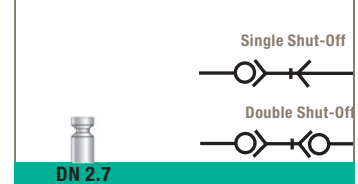
### 9086 Probe, Straight-Through, Female BSPP Thread

	Stainless steel 316L		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			7.4	G1/4	<a href="#">9086X25 13</a>	12	10	33	20	0.023
				G3/8	<a href="#">9086X25 17</a>	12	10	33	20	0.022
				G1/2	<a href="#">9086X25 21</a>	14	12	35	20	0.035
			10	G3/8	<a href="#">9086X27 17</a>	9	19	33	22	0.026
				G1/2	<a href="#">9086X27 21</a>	12	24	37	22	0.037
				G3/4	<a href="#">9086X27 27</a>	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		<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9201X20 19</a>	5	9	10	26	0.008
					G1/8	<a href="#">9201X20 10</a>	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		<b>C</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9214X20 19</a>	5	9	10	26	0.009
					G1/8	<a href="#">9214X20 10</a>	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		<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9287X20 19</a>	5	9	28	10	0.005
					G1/8	<a href="#">9287X20 10</a>	7	11	30	10	0.009

Probe with shut-off

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

	Stainless steel 316L		<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9087X20 19</a>	5	7	18	10	0.010
					G1/8	<a href="#">9087X20 10</a>	7	11	20	10	0.015

Probe without shut-off

### 9286 Probe, Valved, Female BSPP and Metric Thread

	Stainless steel 316L, FKM		<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9286X20 19</a>	5	9	26	10	0.010
					G1/8	<a href="#">9286X20 10</a>	7	12	30	10	0.014

Probe with shut-off

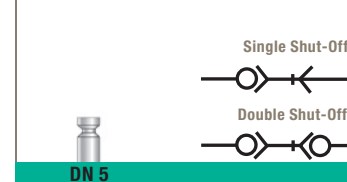
### 9086 Probe, Straight-Through, Female BSPP and Metric Thread

	Stainless steel 316L		<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>			
				2.7	M5x0.8	<a href="#">9086X20 19</a>	5	7	17	10	0.002
					G1/8	<a href="#">9086X20 10</a>	7	12	19	10	0.005


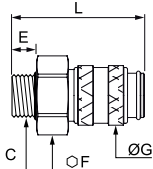

Probe without shut-off

# Stainless Steel German Profile

## X21 Series


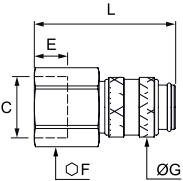



### 9201 Coupler, Male BSPP Thread

	Stainless steel 316L, FKM 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>		
			5	G1/8	<a href="#">9201X21 10</a>	7	14	16	36
			G1/4	<a href="#">9201X21 13</a>	9	17	16	38	0.034


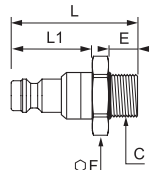

X21 Series (DN 5): single shut-off = 560 NI/min  
X21 Series (DN 5): double shut-off = 310 NI/min

### 9214 Coupler, Female BSPP Thread

	Stainless steel 316L, FKM 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>		
			5	G1/8	<a href="#">9214X21 10</a>	9	14	16	36
			G1/4	<a href="#">9214X21 13</a>	9	17	16	38	0.037


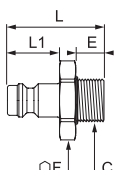

X21 Series (DN 5): single shut-off = 560 NI/min  
X21 Series (DN 5): double shut-off = 310 NI/min

### 9287 Probe, Valved, Male BSPP Thread

	Stainless steel 316L, FKM 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9287X21 10</a>	7	14	40	14
			G1/4	<a href="#">9287X21 13</a>	9	17	42	14	0.030


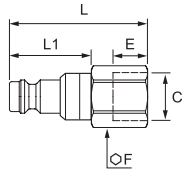

Probe with shut-off

### 9087 Probe, Straight-Through, Male BSPP Thread

	Stainless steel 316L 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9087X21 10</a>	7	14	25	14
			G1/4	<a href="#">9087X21 13</a>	9	17	28	14	0.018


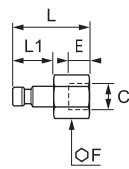

Probe without shut-off

### 9286 Probe, Valved, Female BSPP Thread

	Stainless steel 316L, FKM 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9286X21 10</a>	7	14	40	14
			G1/4	<a href="#">9286X21 13</a>	9	17	42	14	0.033

Probe with shut-off

### 9086 Probe, Straight-Through, Female BSPP Thread

	Stainless steel 316L 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9086X21 10</a>	8	14	25	14
			G1/4	<a href="#">9086X21 13</a>	9	17	25	14	0.017

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



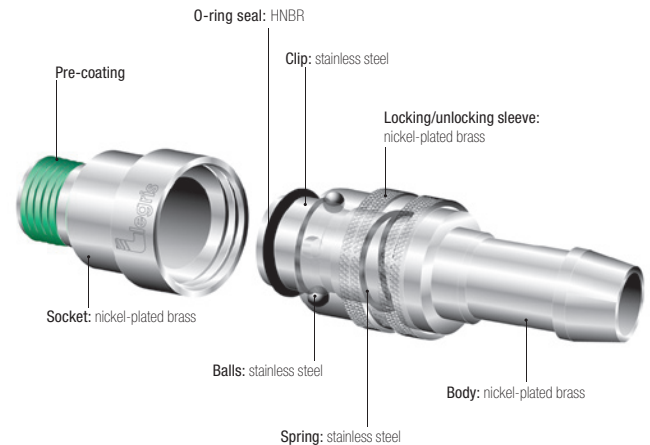
Applications

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

## Technical Characteristics

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

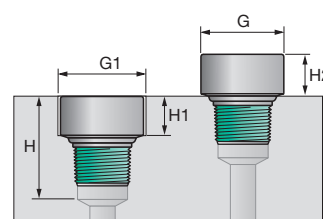
### Component Materials



## 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

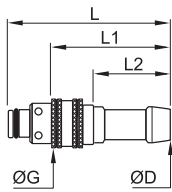
Without Shut-Off



## 9020 Coupler with Hosetail



Nickel-plated brass, HNBR

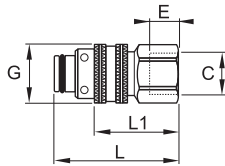


DN	ØD		G	L	L1	L2	kg
8	8	<a href="#">9020T08 08</a>	21	60	44	28	0.050
	10	<a href="#">9020T08 10</a>	21	60	44	28	0.054
	12	<a href="#">9020T08 12</a>	21	65	48	32	0.063
12	13	<a href="#">9020T12 13</a>	32	75	53	32	0.069
	16	<a href="#">9020T12 16</a>	32	75.5	54	32.5	0.172

## 9040 Coupler, Female BSPP Thread



Nickel-plated brass, HNBR

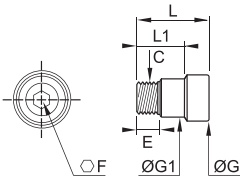


DN	C		E	G	L	L1	kg
8	G1/4	<a href="#">9040T08 13</a>	10.5	21	43	27	0.056
12	G1/2	<a href="#">9040T12 21</a>	15	32	66	44	0.208

## 9075 Female Socket, Male BSPT Thread



Nickel-plated brass



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

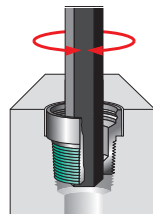
Other coupler shapes are available on request:

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



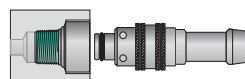
### Socket Installation

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



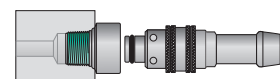
#### Recessed Socket

This type of installation is recommended for new moulds



#### Exposed Socket

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



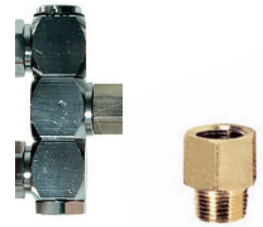
# Metal Quick-Acting Coupler Accessories

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°



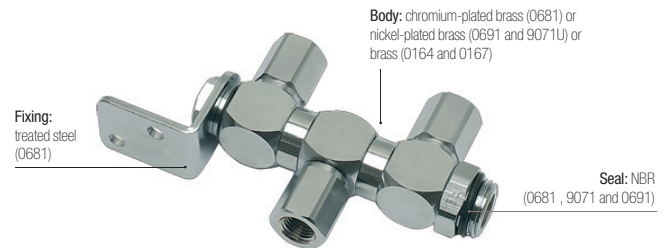
Pneumatics  
 Water  
 Workshops  
 Industrial Machinery

Applications

## Technical Characteristics

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

### Component Materials




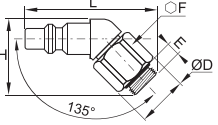


Other accessories are available on request:

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


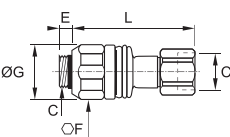



# Metal Quick-Acting Coupler Accessories

## 9071U Oscillating ISO B Probe, Male BSPP Thread


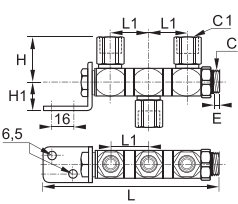


	Treated steel, NBR 	 <b>C</b> 	<b>E</b>	<b>F</b>	<b>H</b>	<b>L</b>	<b>kg</b>
		6 G1/4 <a href="#">9071U06 13</a>	5.5	19	30	52	0.066
		8 G1/4 <a href="#">9071U08 13</a>	5.5	19	30	52	0.077

## 0691 Flexible Fitting, Female/Male BSPP Thread


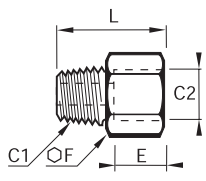


	Treated steel, NBR 	 <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
		5.5 G1/4 <a href="#">0691 13 13</a>	5.5	24	25.5	56	0.090

NBR sleeve

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


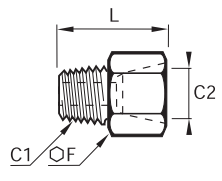


	Chrome-plated brass, NBR 	 <b>C</b> <b>C1</b> 	<b>E</b>	<b>H</b>	<b>H1</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		G1/2 G1/4 <a href="#">0681 13 21</a>	7.5	36	24	138.5	30	0.430

## 0164 Adaptor, Male NPT/Female BSPP Thread

	Brass 	 <b>C1</b> <b>C2</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
		NPT1/8 G1/8 <a href="#">0164 11 10</a>	7.5	14	20	0.015
		NPT1/4 G1/4 <a href="#">0164 14 13</a>	11	17	27.5	0.028
		NPT3/8 G3/8 <a href="#">0164 18 17</a>	11.5	22	28.5	0.044
		NPT1/2 G1/2 <a href="#">0164 22 21</a>	15	27	36.5	0.082
		NPT3/4 G3/4 <a href="#">0164 28 27</a>	16.5	32	38.5	0.110

Adaptor for female socket of quick-acting mould couplers

## 0167 Adaptor, Male BSPT/Female NPT Thread

	Brass 	 <b>C1</b> <b>C2</b> 	<b>F</b>	<b>L</b>	<b>kg</b>
		R1/8 NPT1/8 <a href="#">0167 10 11</a>	14	21	0.016
		R1/4 NPT1/4 <a href="#">0167 13 14</a>	17	28.5	0.029
		R3/8 NPT3/8 <a href="#">0167 17 18</a>	22	29.5	0.047
		R1/2 NPT1/2 <a href="#">0167 21 22</a>	27	37.5	0.088
		R3/4 NPT3/4 <a href="#">0167 27 28</a>	32	39.5	0.120

Adaptor for female socket of quick-acting mould couplers