



# Quick-Acting Couplers

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# Quick-Acting Couplers

## Metal Quick-Acting Couplers



**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

## 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.




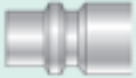









### Double Shut-Off

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		Rectus 23 Rectus 24	900 550	5.5
		Rectus 30	890	8.5
European Standard		Rectus 26 Rectus 25	1000 1800	7.2 7.4
		Rectus 27	2400	10
ARO Standard		Rectus 14 Rectus 22	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

# Metal Quick-Acting Coupler Range

## Nickel-Plated Brass Quick-Acting Couplers

### ISO B Profile, 23, 24 and 30 Series



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



### ARO Profile, 14 and 22 Series



### ISO C Profile, 18 Series



### Asian Profile, 13 Series



### UK Profile, 17 and 19 Series



# Metal Quick-Acting Coupler Range

## Nickel-Plated Brass Quick-Acting Couplers

### German Profile, 20 and 21 Series



## Stainless Steel Quick-Acting Couplers

### European Profile, X25 and X27 Series



### German Profile, X20 Series



### German Profile, X21 Series



# 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

**Robust & Reliable**

- 100% leak-tested in production
- Excellent shock and impact resistance
- Nickel-plated brass for corrosion resistance
- Stainless steel version for restrictive environments

**Optimum Performance**

- Very wide range of flow rates
- "UltraFlo" technology: 18, 22, 23, 25 and 27 series
- Low pressure drop
- Long service life
- Maximum energy efficiency



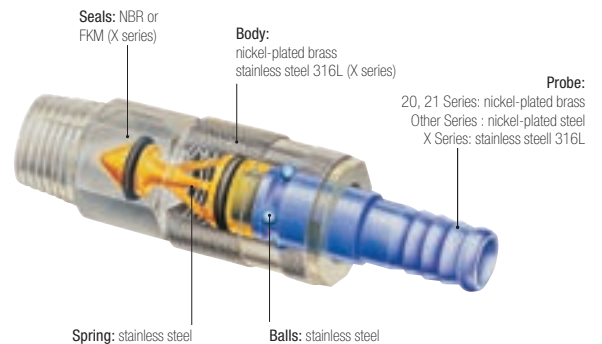
- Applications**
- Workshops
  - Flushing
  - Spraying
  - Packaging
  - Factory Automation
  - Filling Systems
  - Cleaning

## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air, water (see compatibility chart)
<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

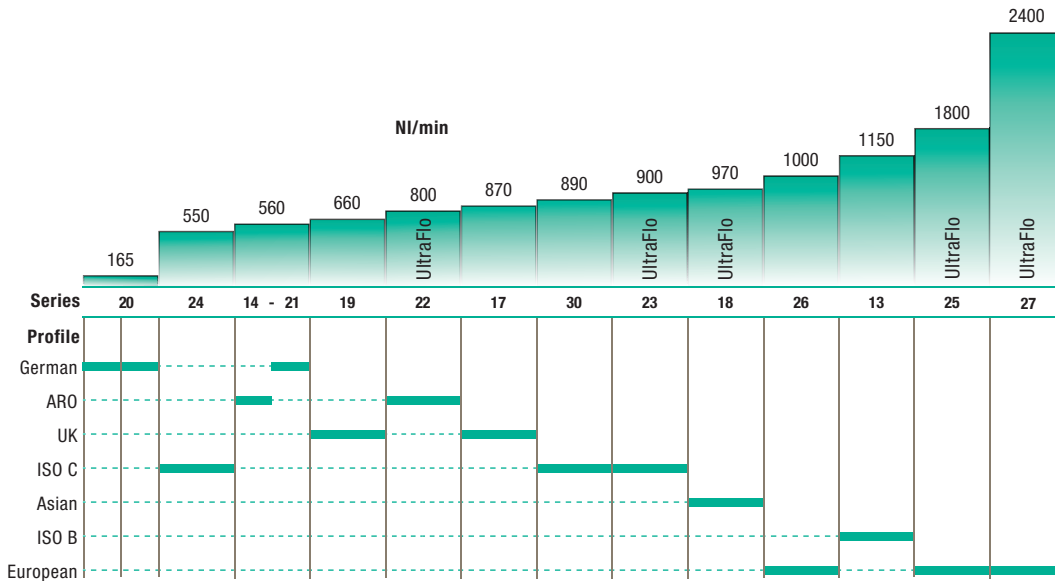


Silicone-free

# Metal Quick-Acting Couplers

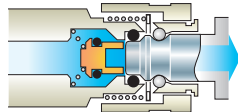
## Metal Quick-Acting Coupler Technology and Flow Rates

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



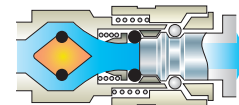
### "Typical" quick-acting coupler

Standard "poppet" technology  
Flow: 1000 NI/min



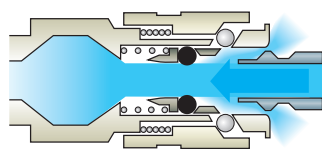
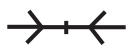
### UltraFlo quick-acting coupler

"Optimal flow" technology  
Flow: 1700 NI/min

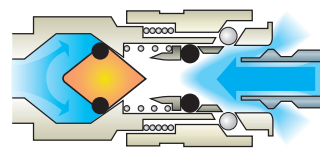


## 3 Shut-Off Functions

### Straight-Through

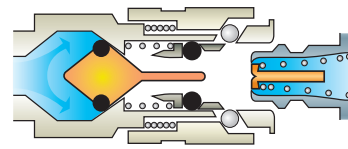


### Single Shut-Off



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

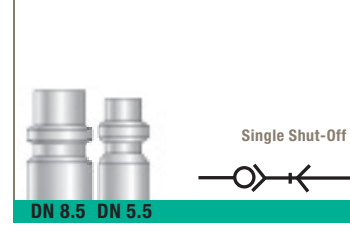
## **Z**inc chloride

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


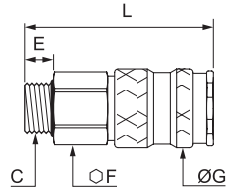



# ISO B Profile


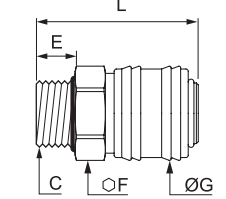

## 23, 24 and 30 Series




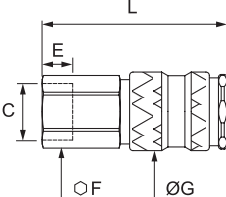

### 9101 Coupler, Male BSPP Thread

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


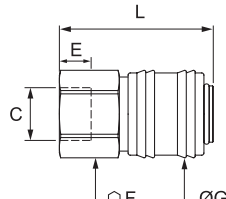

### 9101 Coupler, Male BSPP Thread

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


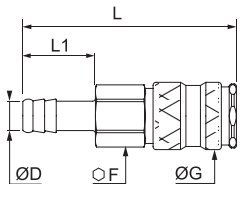

### 9114 Coupler, Female BSPP Thread

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

### 9114 Coupler, Female BSPP Thread

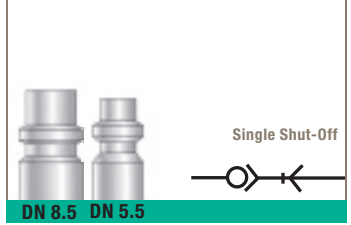
	Nickel-plated brass, NBR		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			5.5	G1/4	<a href="#">9114 24 13</a>	9	22	27	43	0.096
				G3/8	<a href="#">9114 24 17</a>	9	22	27	43	0.091
				G1/2	<a href="#">9114 24 21</a>	12	24	27	46	0.098
			8.5	G1/4	<a href="#">9114 30 13</a>	9	22	29	49	0.113
				G3/8	<a href="#">9114 30 17</a>	9	22	29	49	0.107
	G1/2	<a href="#">9114 30 21</a>	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		<b>DN</b>	<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	6	<a href="#">9123 23 06</a>	19	23	73	25	0.091
				8	<a href="#">9123 23 08</a>	19	23	73	25	0.092
				10	<a href="#">9123 23 10</a>	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		<b>DN</b>	<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	6	<a href="#">9123 24 06</a>	21	27	60	25	0.081
			5.5	8	<a href="#">9123 24 08</a>	21	27	60	25	0.082
				10	<a href="#">9123 24 10</a>	21	27	60	25	0.082
			8.5	8	<a href="#">9123 30 08</a>	22	30	66	25	0.098
				10	<a href="#">9123 30 10</a>	22	30	66	25	0.098
				13	<a href="#">9123 30 13</a>	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		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	G1/8	<a href="#">9087 23 10</a>	9	13	39	24	0.017
				G1/4	<a href="#">9087 23 13</a>	9	17	38	24	0.025
				G3/8	<a href="#">9087 23 17</a>	9	19	38	24	0.032
			8.5	G1/2	<a href="#">9087 23 21</a>	12	22	42	24	0.048
				G1/4	<a href="#">9087 30 13</a>	9	17	42	28	0.030
				G3/8	<a href="#">9087 30 17</a>	9	19	42	28	0.036
				G1/2	<a href="#">9087 30 21</a>	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		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	G1/8	<a href="#">9086 23 10</a>	9	17	36	24	0.021
				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
			8.5	G1/2	<a href="#">9086 23 21</a>	12	24	39	24	0.039
				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  
23 Series probe (DN 5.5) compatible with 24 Series coupler (DN 5.5)

### 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>
			5.5	6	<a href="#">9085 23 06</a>	51	24	25	0.016
				8	<a href="#">9085 23 08</a>	51	27	25	0.017
				10	<a href="#">9085 23 10</a>	51	24	25	0.018
			8.5	8	<a href="#">9085 30 08</a>	55	28	25	0.027
				10	<a href="#">9085 30 10</a>	55	28	25	0.028
				13	<a href="#">9085 30 13</a>	55	28	25	0.031

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

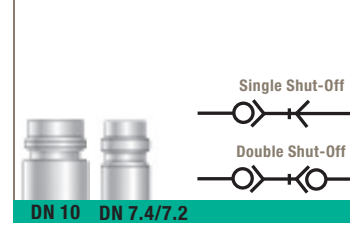
### 9293 Probe, Valved, Anti-Whiplash, Female BSPP Thread

	Nickel-plated steel, NBR		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	G1/4	<a href="#">9293 23 13</a>	10	22	47	24	0.058


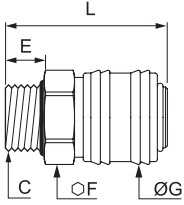

Probe with shut-off

# European Profile


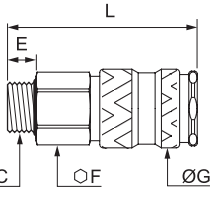

25, 26 and 27 Series




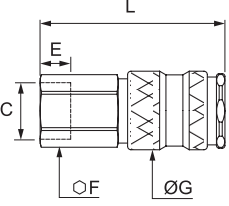

## 9101 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
		7.2	G1/8	<a href="#">9101 26 10</a>	9	22	27	43	0.073	
			G1/4	<a href="#">9101 26 13</a>	9	22	27	43	0.073	
			G3/8	<a href="#">9101 26 17</a>	9	22	27	13	0.075	
			G1/2	<a href="#">9101 26 21</a>	12	22	27	46	0.087	
26 Series (DN 7.2): single shut-off = 1000 NI/min										


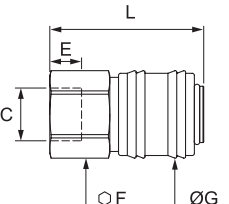

## 9201 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
		7.4	G1/4	<a href="#">9201 25 13</a>	9	19	23	57	0.095	
			G3/8	<a href="#">9201 25 17</a>	9	19	23	57	0.097	
			G1/2	<a href="#">9201 25 21</a>	12	22	23	60	0.135	
		10	G3/8	<a href="#">9201 27 17</a>	9	24	27	65	0.160	
			G1/2	<a href="#">9201 27 21</a>	12	24	27	70	0.166	
	G3/4	<a href="#">9201 27 27</a>	16	27	27	74	0.239			
25 Series (DN 7.4): single shut-off = 1800 NI/min / 25 Series (DN 7.4): double shut-off = 710 NI/min 27 Series (DN 10): single shut-off = 2400 NI/min / 27 Series (DN 7.4): double shut-off = 900 NI/min										


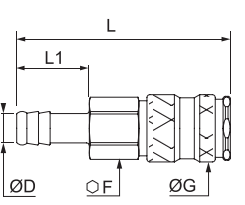

## 9214 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR 	$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
		7.4	G1/4	<a href="#">9214 25 13</a>	9	19	23	55	0.098	
			G3/8	<a href="#">9214 25 17</a>	9	19	23	55	0.092	
			G1/2	<a href="#">9214 25 21</a>	12	24	23	57	0.124	
			G3/8	<a href="#">9214 27 17</a>	12	24	27	68	0.177	
		10	G1/2	<a href="#">9214 27 21</a>	12	24	27	68	0.166	
	G3/4	<a href="#">9214 27 27</a>	16	32	27	74	0.255			
25 Series (DN 7.4): single shut-off = 1800 NI/min / 25 Series (DN 7.4): double shut-off = 710 NI/min 27 Series (DN 10): single shut-off = 2400 NI/min / 27 Series (DN 7.4): double shut-off = 900 NI/min										

## 9114 Coupler, Female BSPP Thread

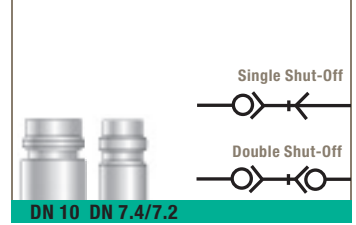
	Nickel-plated brass, NBR 	$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>	
		7.2	G1/4	<a href="#">9114 26 13</a>	9	22	27	43	0.089	
			G3/8	<a href="#">9114 26 17</a>	9	22	27	43	0.084	
			G1/2	<a href="#">9114 26 21</a>	12	24	27	46	0.090	
26 Series (DN 7.2): single shut-off = 1000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

## 9223 Coupler with Barb Connection

	Nickel-plated brass, NBR 	$\text{DN}$	$\text{ØD}$		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>	
		7.4	6	<a href="#">9223 25 06</a>	19	23	73	25	0.095	
			8	<a href="#">9223 25 08</a>	19	23	73	25	0.097	
			10	<a href="#">9223 25 10</a>	19	23	73	25	0.097	
			13	<a href="#">9223 25 13</a>	19	23	73	25	0.099	
			8	<a href="#">9223 27 08</a>	24	27	80	21	0.146	
		10	10	<a href="#">9223 27 10</a>	24	27	80	21	0.162	
			13	<a href="#">9223 27 13</a>	24	27	80	21	0.164	
			19	<a href="#">9223 27 19</a>	24	27	80	21	0.168	
		25 Series (DN 7.4): single shut-off = 1800 NI/min / 25 Series (DN 7.4): double shut-off = 710 NI/min 27 Series (DN 10): single shut-off = 2400 NI/min / 27 Series (DN 7.4): double shut-off = 900 NI/min								

# European Profile

## 25, 26 and 27 Series



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

	<p>Nickel-plated steel (27 series), zinc-plated steel (25 series), polymer</p>	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>																																																			
			<table border="1"> <tr> <td rowspan="3">7.4</td> <td>G1/8</td> <td><a href="#">9087 25 10</a></td> <td>7</td> <td>13</td> <td>31</td> <td>20</td> <td>0.018</td> </tr> <tr> <td>G1/4</td> <td><a href="#">9087 25 13</a></td> <td>9</td> <td>14</td> <td>34</td> <td>20</td> <td>0.018</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9087 25 17</a></td> <td>9</td> <td>17</td> <td>34</td> <td>20</td> <td>0.025</td> </tr> <tr> <td rowspan="3">10</td> <td>G1/2</td> <td><a href="#">9087 25 21</a></td> <td>12</td> <td>22</td> <td>38</td> <td>20</td> <td>0.047</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9087 27 17</a></td> <td>9</td> <td>19</td> <td>37</td> <td>22</td> <td>0.031</td> </tr> <tr> <td>G1/2</td> <td><a href="#">9087 27 21</a></td> <td>12</td> <td>22</td> <td>40</td> <td>22</td> <td>0.046</td> </tr> <tr> <td></td> <td>G3/4</td> <td><a href="#">9087 27 27</a></td> <td>16</td> <td>32</td> <td>45</td> <td>22</td> <td>0.085</td> </tr> </table>							7.4	G1/8	<a href="#">9087 25 10</a>	7	13	31	20	0.018	G1/4	<a href="#">9087 25 13</a>	9	14	34	20	0.018	G3/8	<a href="#">9087 25 17</a>	9	17	34	20	0.025	10	G1/2	<a href="#">9087 25 21</a>	12	22	38	20	0.047	G3/8	<a href="#">9087 27 17</a>	9	19	37	22	0.031	G1/2	<a href="#">9087 27 21</a>	12	22	40	22	0.046		G3/4	<a href="#">9087 27 27</a>	16	32
7.4	G1/8	<a href="#">9087 25 10</a>	7	13	31	20	0.018																																																			
	G1/4	<a href="#">9087 25 13</a>	9	14	34	20	0.018																																																			
	G3/8	<a href="#">9087 25 17</a>	9	17	34	20	0.025																																																			
10	G1/2	<a href="#">9087 25 21</a>	12	22	38	20	0.047																																																			
	G3/8	<a href="#">9087 27 17</a>	9	19	37	22	0.031																																																			
	G1/2	<a href="#">9087 27 21</a>	12	22	40	22	0.046																																																			
	G3/4	<a href="#">9087 27 27</a>	16	32	45	22	0.085																																																			
<p>Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)</p>																																																										

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

	<p>Nickel-plated steel (27 series), zinc-plated steel (25 series)</p>	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>																																																			
			<table border="1"> <tr> <td rowspan="3">7.4</td> <td>G1/8</td> <td><a href="#">9086 25 10</a></td> <td>7</td> <td>14</td> <td>32</td> <td>20</td> <td>0.015</td> </tr> <tr> <td>G1/4</td> <td><a href="#">9086 25 13</a></td> <td>9</td> <td>17</td> <td>38.5</td> <td>20</td> <td>0.027</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9086 25 17</a></td> <td>9</td> <td>19</td> <td>33</td> <td>20</td> <td>0.027</td> </tr> <tr> <td rowspan="3">10</td> <td>G1/2</td> <td><a href="#">9086 25 21</a></td> <td>12</td> <td>24</td> <td>36</td> <td>20</td> <td>0.050</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9086 27 17</a></td> <td>9</td> <td>19</td> <td>34</td> <td>22</td> <td>0.026</td> </tr> <tr> <td>G1/2</td> <td><a href="#">9086 27 21</a></td> <td>12</td> <td>24</td> <td>38</td> <td>22</td> <td>0.041</td> </tr> <tr> <td></td> <td>G3/4</td> <td><a href="#">9086 27 27</a></td> <td>16</td> <td>32</td> <td>42</td> <td>22</td> <td>0.090</td> </tr> </table>							7.4	G1/8	<a href="#">9086 25 10</a>	7	14	32	20	0.015	G1/4	<a href="#">9086 25 13</a>	9	17	38.5	20	0.027	G3/8	<a href="#">9086 25 17</a>	9	19	33	20	0.027	10	G1/2	<a href="#">9086 25 21</a>	12	24	36	20	0.050	G3/8	<a href="#">9086 27 17</a>	9	19	34	22	0.026	G1/2	<a href="#">9086 27 21</a>	12	24	38	22	0.041		G3/4	<a href="#">9086 27 27</a>	16	32
7.4	G1/8	<a href="#">9086 25 10</a>	7	14	32	20	0.015																																																			
	G1/4	<a href="#">9086 25 13</a>	9	17	38.5	20	0.027																																																			
	G3/8	<a href="#">9086 25 17</a>	9	19	33	20	0.027																																																			
10	G1/2	<a href="#">9086 25 21</a>	12	24	36	20	0.050																																																			
	G3/8	<a href="#">9086 27 17</a>	9	19	34	22	0.026																																																			
	G1/2	<a href="#">9086 27 21</a>	12	24	38	22	0.041																																																			
	G3/4	<a href="#">9086 27 27</a>	16	32	42	22	0.090																																																			
<p>Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)</p>																																																										

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

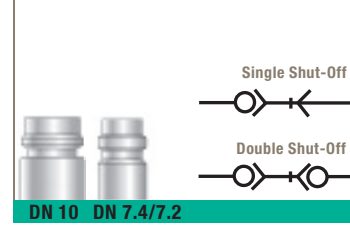
	<p>Nickel-plated steel (27 series), zinc-plated steel (25 series)</p>	<b>ØD</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>																																																								
			<table border="1"> <tr> <td rowspan="3">7.4</td> <td>6</td> <td><a href="#">9085 25 06</a></td> <td>48</td> <td>20</td> <td>25</td> <td>0.013</td> </tr> <tr> <td>8</td> <td><a href="#">9085 25 08</a></td> <td>48</td> <td>20</td> <td>25</td> <td>0.015</td> </tr> <tr> <td>9</td> <td><a href="#">9085 25 09</a></td> <td>48</td> <td>20</td> <td>25</td> <td>0.015</td> </tr> <tr> <td rowspan="3">10</td> <td>10</td> <td><a href="#">9085 25 10</a></td> <td>48</td> <td>20</td> <td>25</td> <td>0.016</td> </tr> <tr> <td>13</td> <td><a href="#">9085 25 13</a></td> <td>48</td> <td>20</td> <td>25</td> <td>0.020</td> </tr> <tr> <td>8</td> <td><a href="#">9085 27 08</a></td> <td>48</td> <td>22</td> <td>25</td> <td>0.021</td> </tr> <tr> <td rowspan="3">10</td> <td>10</td> <td><a href="#">9085 27 10</a></td> <td>48</td> <td>22</td> <td>25</td> <td>0.023</td> </tr> <tr> <td>13</td> <td><a href="#">9085 27 13</a></td> <td>48</td> <td>22</td> <td>25</td> <td>0.026</td> </tr> <tr> <td>19</td> <td><a href="#">9085 27 19</a></td> <td>48</td> <td>22</td> <td>25</td> <td>0.038</td> </tr> </table>						7.4	6	<a href="#">9085 25 06</a>	48	20	25	0.013	8	<a href="#">9085 25 08</a>	48	20	25	0.015	9	<a href="#">9085 25 09</a>	48	20	25	0.015	10	10	<a href="#">9085 25 10</a>	48	20	25	0.016	13	<a href="#">9085 25 13</a>	48	20	25	0.020	8	<a href="#">9085 27 08</a>	48	22	25	0.021	10	10	<a href="#">9085 27 10</a>	48	22	25	0.023	13	<a href="#">9085 27 13</a>	48	22	25	0.026	19	<a href="#">9085 27 19</a>	48
7.4	6	<a href="#">9085 25 06</a>	48	20	25	0.013																																																								
	8	<a href="#">9085 25 08</a>	48	20	25	0.015																																																								
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	19	<a href="#">9085 27 19</a>	48	22	25	0.038																																																								
<p>Probe without shut-off 25 Series probe (DN 7.4) compatible with 26 Series coupler (DN 7.2)</p>																																																														

### 9287 Probe, Valved, Male BSPP Thread


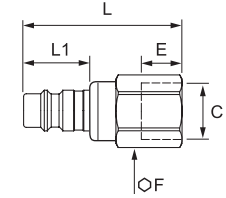



	<p>Nickel-plated brass (27 series), zinc-plated steel (25 series), NBR</p>	<b>C</b>	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>																																																			
			<table border="1"> <tr> <td rowspan="3">7.4</td> <td>G1/8</td> <td><a href="#">9287 25 10</a></td> <td>7</td> <td>22</td> <td>41</td> <td>20</td> <td>0.046</td> </tr> <tr> <td>G1/4</td> <td><a href="#">9287 25 13</a></td> <td>9</td> <td>22</td> <td>43</td> <td>20</td> <td>0.046</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9287 25 17</a></td> <td>9</td> <td>22</td> <td>43</td> <td>20</td> <td>0.049</td> </tr> <tr> <td rowspan="3">10</td> <td>G1/2</td> <td><a href="#">9287 25 21</a></td> <td>12</td> <td>22</td> <td>46</td> <td>20</td> <td>0.060</td> </tr> <tr> <td>G3/8</td> <td><a href="#">9287 27 17</a></td> <td>9</td> <td>24</td> <td>58</td> <td>22</td> <td>0.086</td> </tr> <tr> <td>G1/2</td> <td><a href="#">9287 27 21</a></td> <td>12</td> <td>24</td> <td>58</td> <td>22</td> <td>0.090</td> </tr> <tr> <td></td> <td>G3/4</td> <td><a href="#">9287 27 27</a></td> <td>16</td> <td>27</td> <td>62</td> <td>22</td> <td>0.132</td> </tr> </table>							7.4	G1/8	<a href="#">9287 25 10</a>	7	22	41	20	0.046	G1/4	<a href="#">9287 25 13</a>	9	22	43	20	0.046	G3/8	<a href="#">9287 25 17</a>	9	22	43	20	0.049	10	G1/2	<a href="#">9287 25 21</a>	12	22	46	20	0.060	G3/8	<a href="#">9287 27 17</a>	9	24	58	22	0.086	G1/2	<a href="#">9287 27 21</a>	12	24	58	22	0.090		G3/4	<a href="#">9287 27 27</a>	16	27
7.4	G1/8	<a href="#">9287 25 10</a>	7	22	41	20	0.046																																																			
	G1/4	<a href="#">9287 25 13</a>	9	22	43	20	0.046																																																			
	G3/8	<a href="#">9287 25 17</a>	9	22	43	20	0.049																																																			
10	G1/2	<a href="#">9287 25 21</a>	12	22	46	20	0.060																																																			
	G3/8	<a href="#">9287 27 17</a>	9	24	58	22	0.086																																																			
	G1/2	<a href="#">9287 27 21</a>	12	24	58	22	0.090																																																			
	G3/4	<a href="#">9287 27 27</a>	16	27	62	22	0.132																																																			
<p>Probe with shut-off 25 Series probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)</p>																																																										

# European Profile


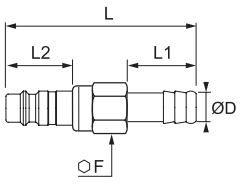



25, 26 and 27 Series




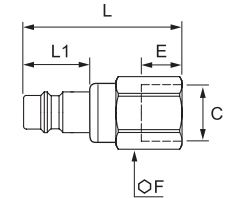



## 9286 Probe, Valved, Female BSPP Thread

	<p>Nickel-plated steel (27 series), zinc-plated steel (25 series), NBR</p> 		<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>						
										7.4	G1/8 <b>9286 25 10</b> G1/4 <b>9286 25 13</b> G3/8 <b>9286 25 17</b> G1/2 <b>9286 25 21</b>	10 10 10 12	22 22 22 24	43 43 43 46	20 20 20 20
		10	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>						
										G3/8 <b>9286 27 17</b> G1/2 <b>9286 27 21</b> G3/4 <b>9286 27 27</b>	9 12 16	24 24 32	55 55 58	22 22 22	0.096 0.086 0.149
										Probe with shut-off 25 Series Probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)					

## 9285 Probe, Valved, with Barb Connection

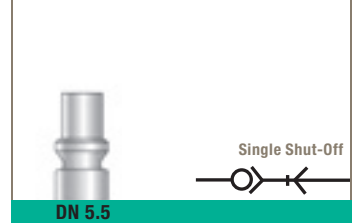
	<p>Nickel-plated steel (27 series), zinc-plated steel (25 series), NBR</p> 		<b>ØD</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>						
										7.4	6 <b>9285 25 06</b> 8 <b>9285 25 08</b> 10 <b>9285 25 10</b> 13 <b>9285 25 13</b>	21 21 21 21	60 60 60 60	20 20 20 20	25 25 25 25
		10	<b>ØD</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>						
										8 <b>9285 27 08</b> 10 <b>9285 27 10</b> 13 <b>9285 27 13</b> 19 <b>9285 27 19</b>	24 24 24 24	75 75 75 75	22 22 22 22	25 25 25 25	0.097 0.099 0.103 0.105
										Probe with shut-off 25 Series Probe (DN 7.4) not compatible with 26 Series coupler (DN 7.2)					

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



	<p>Zinc-plated steel, NBR</p> 		<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		10	<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			<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
	$\text{DN}$	<b>C</b>						
		G1/4 <b>9101 14 13</b>						
	5.5	G3/8 <b>9101 14 17</b>						
		G1/2 <b>9101 14 21</b>		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			<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
	$\text{DN}$	<b>C</b>					
		R1/4 <b>9105 22 13</b>					
	5.5	R3/8 <b>9105 22 17</b>					
		R1/2 <b>9105 22 21</b>		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			<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
	$\text{DN}$	<b>C</b>						
		G1/4 <b>9114 14 13</b>						
	5.5	G3/8 <b>9114 14 17</b>						
		G1/2 <b>9114 14 21</b>		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			<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
	$\text{DN}$	<b>C</b>						
		G1/4 <b>9114 22 13</b>						
	5.5	G3/8 <b>9114 22 17</b>						
		G1/2 <b>9114 22 21</b>		12	24	23	58	0.123

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

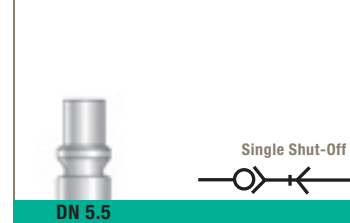
### 9123 Coupler with Barb Connection

	Nickel-plated brass, NBR			<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
	$\text{DN}$	<b>ØD</b>						
		6 <b>9123 14 06</b>						
		8 <b>9123 14 08</b>						
	5.5	9 <b>9123 14 09</b>						
		10 <b>9123 14 10</b>						
		13 <b>9123 14 13</b>		21	27	60	25	0.094


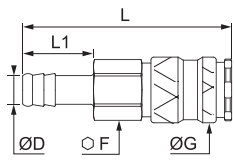

14 Series (DN 5.5): single shut-off = 560 NI/min

# ARO Profile

## 14 and 22 Series


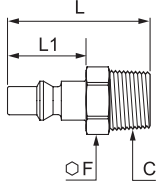



### 9123 Coupler with Barb Connection

	Nickel-plated brass, NBR		$\text{DN}$	$\text{ØD}$		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			6	9123 22 06	19	23	74	25	0.093	
			5.5	8	9123 22 08	19	23	74	25	0.097
			10	9123 22 10	19	23	74	25	0.098	


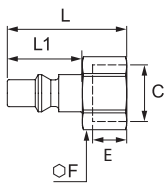

22 Series (DN 5.5): single shut-off = 800 NI/min

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

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


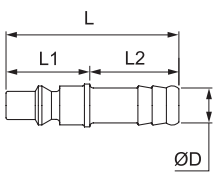

Probe without shut-off  
22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)

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

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

Probe without shut-off  
22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)

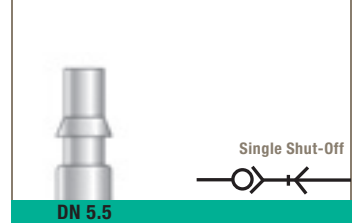
### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel		$\text{DN}$	$\text{ØD}$		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			6	9085 22 06	48.5	22	25	0.012	
			8	9085 22 08	48.5	22	25	0.014	
			5.5	9	9085 22 09	48.5	22	25	0.014
			10	9085 22 10	48.5	22	25	0.016	
			13	9085 22 13	48.5	22	25	0.022	




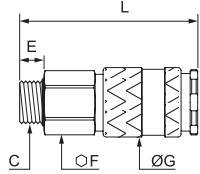
Probe without shut-off  
22 Series probe (DN 5.5) compatible with 14 Series coupler (DN 5.5)

# ISO C Profile




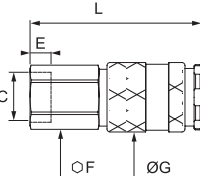
## 18 Series





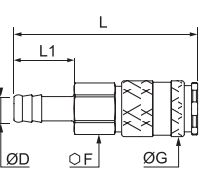
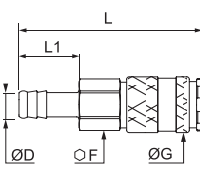
### 9101 Coupler, Male BSPP Thread

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




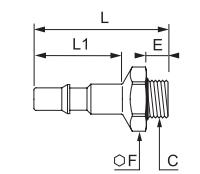
### 9114 Coupler, Female BSPP Thread

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




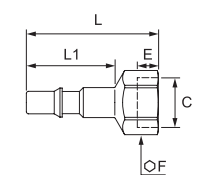
### 9123 Coupler with Barb Connection

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



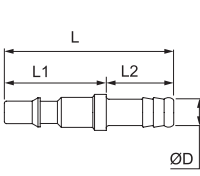
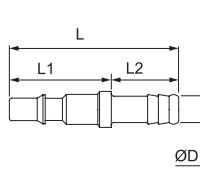
### 9087 Probe, Straight-Through, Male BSPP Thread

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

### 9086 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	<b>9086 18 13</b>	9	17	40	28	0.022
			G3/8	<b>9086 18 17</b>	9	19	41	28	0.024
Probe without shut-off									

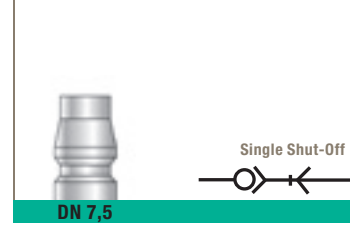
### 9085 Probe, Straight-Through, with Barb Connection

	Nickel-plated steel		<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>	
		5.5	6	<b>9085 18 06</b>	56	28	25	0.016	
			8	<b>9085 18 08</b>	56	28	25	0.016	
			10	<b>9085 18 10</b>	56	28	25	0.018	
Probe without shut-off									



# Asian Profile

## 13 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>
			7.5	R1/4	<a href="#">9105 13 13</a>	22	27	49	0.086
				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 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>
			7.5	G1/4	<a href="#">9114 13 13</a>	9	22	27	45	0.099
				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 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>
			7.5	8	<a href="#">9123 13 08</a>	21	27	62	25	0.084
				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 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>
			7.5	R1/4	<a href="#">9084 13 13</a>	14	37	12	0.022
				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		$\overline{\text{DN}}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			7.5	G1/4	<a href="#">9086 13 13</a>	9	17	22	12	0.026
				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		$\overline{\text{DN}}$	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>kg</b>
			7.5	8	<a href="#">9085 13 08</a>	48	25	0.020
				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		DN	C		F	G	L	kg
			5	R1/4	<a href="#">9105 17 13</a>	19	23	63	0.109
				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		DN	C		E	F	G	L	kg
			5	G1/4	<a href="#">9114 17 13</a>	9	19	23	58	0.110
				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		DN	ØD		F	G	L	L1	kg
			5	6	<a href="#">9123 17 06</a>	19	23	76	25	0.106
				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		DN	C		F	L	L1	kg
			5	R1/8	<a href="#">9084 17 10</a>	11	37	9	0.016
				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

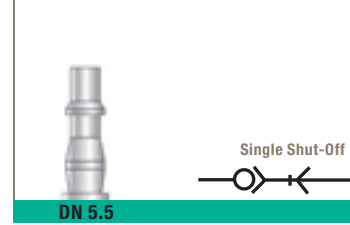
	Nickel-plated steel		DN	C		E	F	L	kg
			5	G1/8	<a href="#">9086 17 10</a>	7	14	33	0.016
				G1/4	<a href="#">9086 17 13</a>	9	17	33	0.022
				G3/8	<a href="#">9086 17 17</a>	9	19	33	0.023
				G1/2	<a href="#">9086 17 21</a>	12	24	36	0.030
Probe without shut-off									

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

	Nickel-plated steel		DN	ØD		L	L1	L2	kg
			5	6	<a href="#">9085 17 06</a>	58	25	33	0.015
				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		<b>DN</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			5.5	R1/4	<a href="#">9105 19 13</a>	19	23	63	0.100
				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		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
			5.5	G1/4	<a href="#">9114 19 13</a>	9	19	23	58	0.102
				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		<b>DN</b>	<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	6	<a href="#">9123 19 06</a>	19	23	76	25	0.097
				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		<b>DN</b>	<b>C</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			5.5	R1/4	<a href="#">9084 19 13</a>	14	50	12	0.022
				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

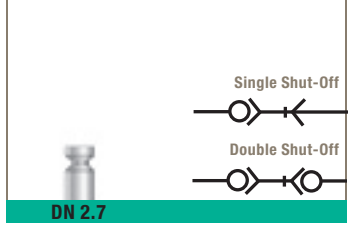
	Nickel-plated steel		<b>DN</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>kg</b>
			5.5	G1/4	<a href="#">9086 19 13</a>	9	17	46	0.025
				G3/8	<a href="#">9086 19 17</a>	9	19	47	0.026
				G1/2	<a href="#">9086 19 21</a>	12	24	50	0.039
Probe without shut-off									

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


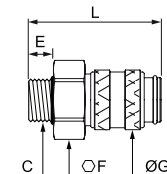

	Nickel-plated steel		<b>DN</b>	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			5.5	6	<a href="#">9085 19 06</a>	60	25	35	0.016
				8	<a href="#">9085 19 08</a>	60	25	35	0.017
				10	<a href="#">9085 19 10</a>	60	25	35	0.019
Probe without shut-off									

# German Profile

## 20 Series


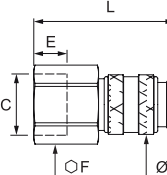



### 9201 Coupler, Male BSPP Thread

	Nickel-plated brass, NBR 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>		
			5	G1/8	<a href="#">9201 21 10</a>	7	14	16	36
			G1/4	<a href="#">9201 21 13</a>	9	17	16	38	0.036


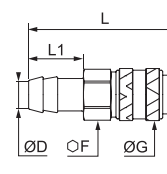

21 Series (DN 5): single shut-off = 560 NI/min  
21 Series (DN 5): double shut-off = 310 NI/min

### 9214 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>		
			5	G1/8	<a href="#">9214 21 10</a>	9	14	16	36
			G1/4	<a href="#">9214 21 13</a>	7	17	16	38	0.040


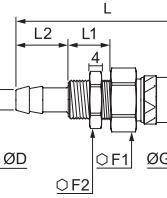

21 Series (DN 5): single shut-off = 560 NI/min  
21 Series (DN 5): double shut-off = 310 NI/min

### 9223 Coupler with Barb Connection

	Nickel-plated brass, NBR 	DN <b>ØD</b> 	<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	4	<a href="#">9223 21 04</a>	14	16	46	17
			6	<a href="#">9223 21 06</a>	14	16	46	17	0.027
			8	<a href="#">9223 21 08</a>	14	16	46	17	0.028


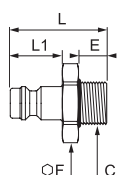

21 Series (DN 5): single shut-off = 560 NI/min  
21 Series (DN 5): double shut-off = 310 NI/min

### 9226 Coupler, Bulkhead Mountable, with Barb Connection

	Nickel-plated brass, NBR 	DN <b>ØD</b> 	<b>F1</b>	<b>F2</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>		
			5	4	<a href="#">9226 21 04</a>	14	14	16	60	14	17
			6	<a href="#">9226 21 06</a>	17	17	16	60	14	17	0.048
			8	<a href="#">9226 21 08</a>	17	17	16	60	14	17	0.047


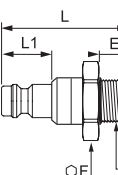

21 Series (DN 5): single shut-off = 560 NI/min  
21 Series (DN 5): double shut-off = 310 NI/min

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

	Nickel-plated brass 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9087 21 10</a>	7	14	25	14
			G1/4	<a href="#">9087 21 13</a>	9	17	28	14	0.019

Probe without shut-off

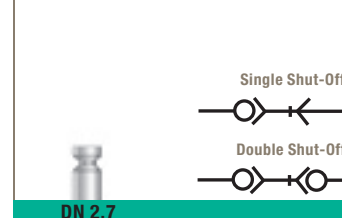
### 9287 Probe, Valved, Male BSPP Thread

	Nickel-plated brass, NBR 	DN <b>C</b> 	<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>		
			5	G1/8	<a href="#">9287 21 10</a>	7	14	40	14
			G1/4	<a href="#">9287 21 13</a>	9	17	42	14	0.031

Probe with shut-off

# German Profile

## 20 Series



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

	Nickel-plated brass 	DN C		E F L L1 kg
Probe without shut-off				

### 9286 Probe, Valved, Female BSPP Thread

	Nickel-plated brass, NBR 	DN C		E F L L1 kg
Probe with shut-off				

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

	Nickel-plated brass 	DN ØD		L L1 L2 kg
Probe without shut-off				

### 9285 Probe, Valved, with Barb Connection

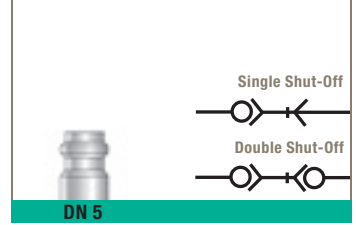
	Nickel-plated brass, NBR 	DN ØD		F L L1 L2 kg
Probe with shut-off				

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

	Nickel-plated brass 	DN ØD		F1 F2 L L1 L2 L3 kg
Probe without shut-off				

# German Profile

## 21 Series



### 9201 Coupler, Male 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	G1/8	<a href="#">9201 21 10</a>	7	14	16	36	0.027		
	G1/4	<a href="#">9201 21 13</a>	9	17	16	38	0.036			

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

### 9214 Coupler, Female BSPP Thread

	Nickel-plated brass, NBR			<b>C</b>		<b>E</b>	<b>F</b>	<b>G</b>	<b>L</b>	<b>kg</b>
	5	G1/8	<a href="#">9214 21 10</a>	9	14	16	36	0.030		
	G1/4	<a href="#">9214 21 13</a>	7	17	16	38	0.040			

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

### 9223 Coupler with Barb Connection

	Nickel-plated brass, NBR			<b>ØD</b>		<b>F</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
	4	<a href="#">9223 21 04</a>	14	16	46	17	0.027			
	5	6	<a href="#">9223 21 06</a>	14	16	46	17	0.027		
	8	<a href="#">9223 21 08</a>	14	16	46	17	0.028			

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

### 9226 Coupler, Bulkhead Mountable, with Barb Connection

	Nickel-plated brass, NBR			<b>ØD</b>		<b>F1</b>	<b>F2</b>	<b>G</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
	4	<a href="#">9226 21 04</a>	14	14	16	60	14	17	0.034			
	5	6	<a href="#">9226 21 06</a>	17	17	16	60	14	17	0.048		
	8	<a href="#">9226 21 08</a>	17	17	16	60	14	17	0.047			

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

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

	Nickel-plated brass			<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
	5	G1/8	<a href="#">9087 21 10</a>	7	14	25	14	0.012		
	G1/4	<a href="#">9087 21 13</a>	9	17	28	14	0.019			

Probe without shut-off

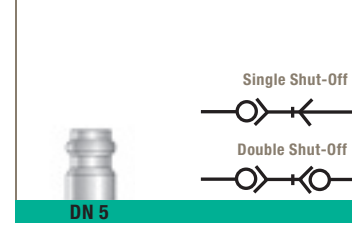
### 9287 Probe, Valved, Male BSPP Thread

	Nickel-plated brass, NBR			<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
	5	G1/8	<a href="#">9287 21 10</a>	7	14	40	14	0.023		
	G1/4	<a href="#">9287 21 13</a>	9	17	42	14	0.031			

Probe with 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>
			4	<a href="#">9085 21 04</a>	32	14	17	0.006	
			5	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

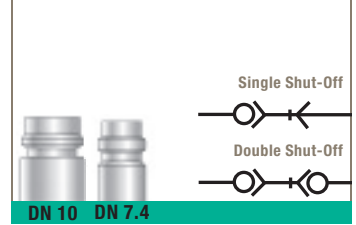
	Nickel-plated brass, NBR		$\text{DN}$	<b>ØD</b>		<b>F</b>	<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
			4	<a href="#">9285 21 04</a>	14	50	14	17	0.022	
			5	6	<a href="#">9285 21 06</a>	14	50	14	17	0.023
	8	<a href="#">9285 21 08</a>	14	50	14	17	0.024			
Probe with shut-off										

### 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>
			4	<a href="#">9095 21 04</a>	14	14	50	14	14	17	0.019	
			5	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												

# Stainless Steel European Profile

X25 and X27 Series



## 9201 Coupler, Male BSPP Thread

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

Stainless steel 316L, FKM

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

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

Stainless steel 316L, FKM

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

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

Stainless steel 316L, FKM

Probe with shut-off

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

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

Stainless steel 316L

Probe without shut-off

## 9286 Probe, Valved, Female BSPP Thread

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

Stainless steel 316L, FKM

Probe with shut-off

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

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

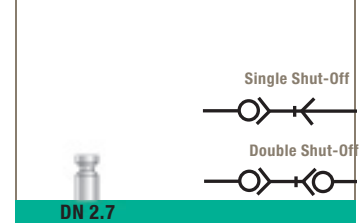
Stainless steel 316L

Probe without shut-off



# Stainless Steel German Profile

## X20 Series



### 9201 Coupler, Male BSPP and Metric Thread

	Stainless steel 316L, FKM		$\text{DN}$	<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		$\text{DN}$	<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		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			2.7	M5x0.8	<a href="#">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		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			2.7	M5x0.8	<a href="#">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		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			2.7	M5x0.8	<a href="#">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

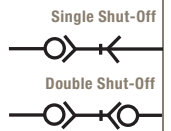
### 9086 Probe, Straight-Through, Female BSPP and Metric Thread

	Stainless steel 316L		$\text{DN}$	<b>C</b>		<b>E</b>	<b>F</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
			2.7	M5x0.8	<a href="#">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


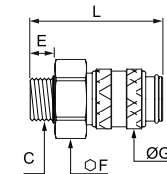

# Stainless Steel German Profile

## X21 Series




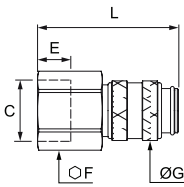

DN 5

### 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


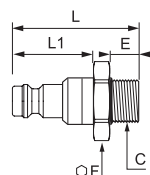

X21 Series (DN 5): single shut-off = 560 Nl/min  
X21 Series (DN 5): double shut-off = 310 Nl/min

### 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


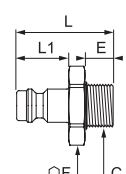

X21 Series (DN 5): single shut-off = 560 Nl/min  
X21 Series (DN 5): double shut-off = 310 Nl/min

### 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


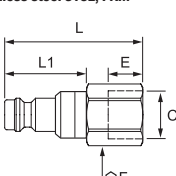

Probe with shut-off

### 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


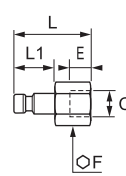

Probe without shut-off

### 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