

# NL

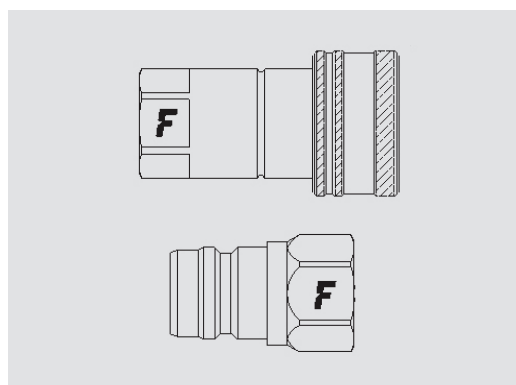


## Standard couplings free flow. Faster interchangeability (except size 12,5).

NL couplings represent the free-flow version of NV series products. Purposely designed without internal valves to increase the flow rate minimizing the pressure drop.



## Applications



## Technical Specifications

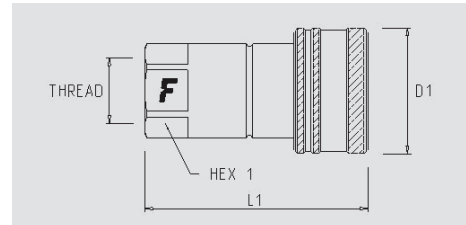
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	30	115	0	140			130
12	20	3/4"	30	150	0	150			130

Material	<b>Steel</b>
Seals	<b>VITON</b>
Working temperatures	<b>- 20 °C to + 200 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>FASTER</b>
Valve Type	<b>None</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>

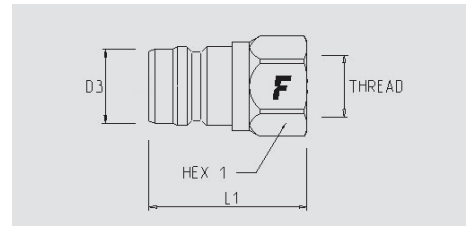
## Pressure Drop

**No pressure drops detected during testing**

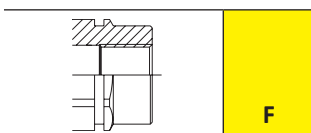
NL



Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NL 12 GAS F V	66	2,6	38	1,5	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NL 34 GAS F V	84	3,31	48	1,89	34	1,34



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NL 12 GAS M	44	1,73	30	1,98	20	0,8	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NL 34 GAS M	55	2,17	38	1,5	27,9	1,1	34	1,34



# NL Accessories

## PVC dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 L	blue
1/2"	12,5	08	TM 12 L/A	orange
1/2"	12,5	08	TM 12 L/G	yellow
1/2"	12,5	08	TM 12 L/M	brown
1/2"	12,5	08	TM 12 L/N	black
1/2"	12,5	08	TM 12 L/R	red
1/2"	12,5	08	TM 12 L/V	green
3/4"	20	12	TM 34	blue



Caps suitable for MALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TF 12	blue
1/2"	12,5	08	TF 12 A	orange
1/2"	12,5	08	TF 12 G	yellow
1/2"	12,5	08	TF 12 GR	grey
1/2"	12,5	08	TF 12 M	brown
1/2"	12,5	08	TF 12 N	black
1/2"	12,5	08	TF 12 R	red
1/2"	12,5	08	TF 12 V	green
3/4"	20	12	TF 34	blue



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12-38	blue
1/2"	12,5	08	TM 12-38 G	yellow
1/2"	12,5	08	TM 12-38 GR	grey
1/2"	12,5	08	TM 12-38 M	brown
1/2"	12,5	08	TM 12-38 N	black
1/2"	12,5	08	TM 12-38 R	red
1/2"	12,5	08	TM 12-38 V	green

## NL Accessories

### Aluminium dust caps



**Plugs suitable for FEMALE**



**Caps suitable for MALE**

Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 S		1/2"	12,5	08	TF 12 S	
3/4"	20	12	TM 34 S		3/4"	20	12	TF 34 S	

### Seal Kits

#### For Female



Size			Seal Details	
inch	mm	dash	Material	Part Number
1/2"	12,5	08	NBR; PTFE	SK NV 12
3/4"	20	12	NBR; PTFE	SK NV 34

Every seals kit is composed of 5 or 10 pcs.