

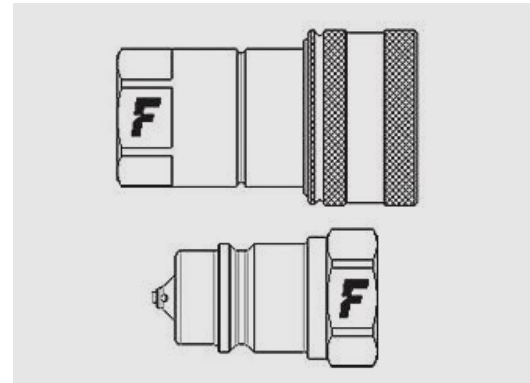
# 4NV



## Standard couplings for agriculture with pressure relief valve.

Standard 1/2" couplings for agriculture allowing an easy relief of residual pressure thanks to a microvalve. ISO 7241-1 part A interchange.

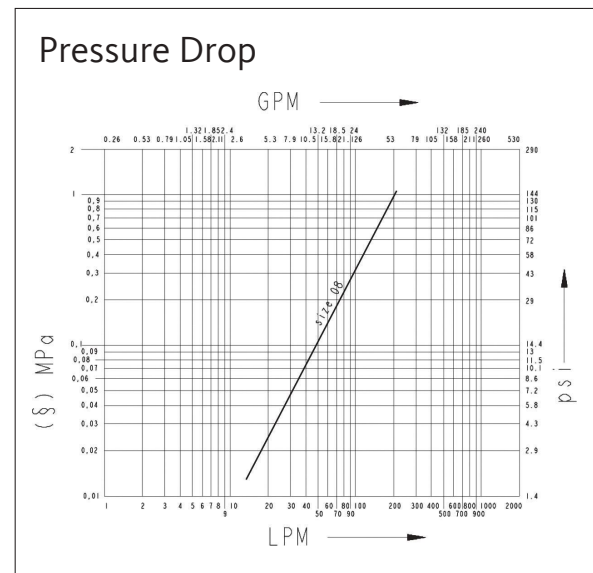
## Applications



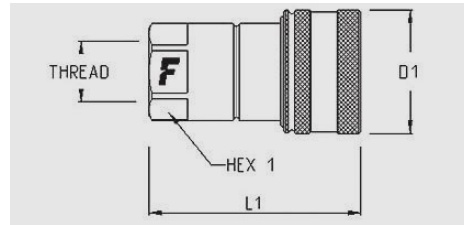
## Technical Specifications

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"	25	75	1,8	110	100	100	100

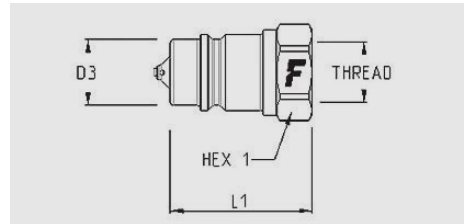
Material	<b>Steel</b>
Seals	<b>NBR</b>
Working temperatures	<b>- 25 °C to + 125 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>ISO 7241-A</b>
Valve Type	<b>Poppet</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Allowed Residual</b>



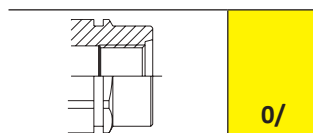
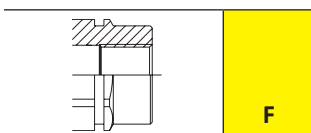
4NV



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	4NV 12 GAS F	66	2,6	38	1,5	27	1,06



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	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	4NV 12-12SAE M	44	1,73	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	4NV 12 GAS M	44	1,73	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	4NV 12 NPT M	44	1,73	30	1,18	20,5	0,81	27	1,06



# 4NV Accessories

## PVC dust caps



Plugs suitable for FEMALE



Plugs suitable for FEMALE

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

## Aluminium dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 S	

## 4NV accessories

### PVC dust caps



Caps suitable for MALE

Size			Cap 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

### Aluminium dust caps



Caps suitable for MALE

Size			Cap Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TF 12 S	

### Seal Kits



#### For Female

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

Every seals kit is composed of 5 or 10 pcs.