

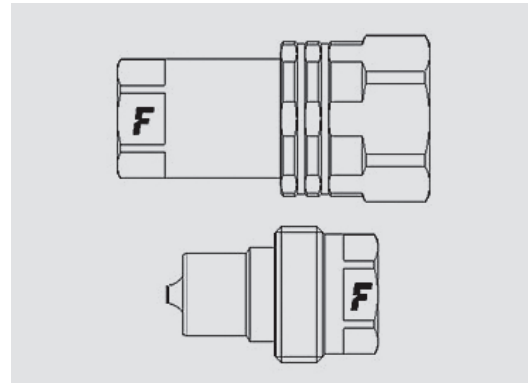


Screw to connect standard couplings, double function sleeve.

VV series couplings are very robust and reliable and allow to connect under residual pressure. Thanks to a double function sleeve it's also possible to connect a female part with either VV or NV male halves. Faster proprietary profile.



Applications

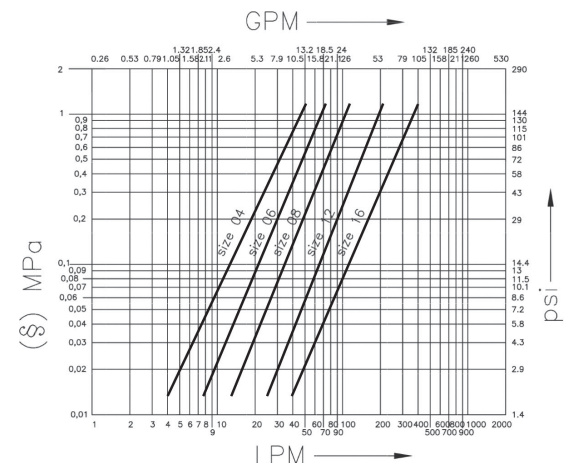


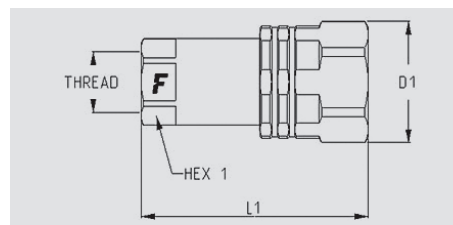
Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
04	6,3	1/4"	35	18	0,8		140	170	150
06	10	3/8"	30	30	1,3		120	120	150
08	12,5	1/2"	25	65	1,8		100	130	160
12	20	3/4"	25	100	8		100	100	120
16	25	1"	22	140	13		90	100	100

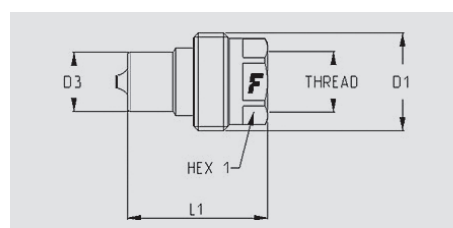
Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	FASTER
Valve Type	Poppet
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual

Pressure Drop

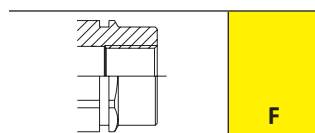




Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	VV 14 GAS F	60	2,4	30	1,2	19	0,8
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	VV 14 NPT F	60	2,4	30	1,2	19	0,8
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	VV 38 GAS F	72	2,8	38	1,5	24	0,9
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	VV 38 NPT F	72	2,8	38	1,5	24	0,9
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	VV 12 GAS F	79	3,1	42	1,7	27	1,1
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	VV 12 NPT F	79	3,1	42	1,7	27	1,1
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	VV 34 GAS F	106	4,2	55	2,2	34	1,3
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	VV 34 NPT F	106	4,2	55	2,2	34	1,3
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	VV 1 GAS F	124	4,9	61,5	2,4	41	1,6
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	VV 1 NPT F	124	4,9	61,5	2,4	41	1,6



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
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	VV 14 GAS M	33	1,3	25,4	1	14,1	0,6	19	0,8
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	VV 14 NPT M	33	1,3	25,4	1	14,1	0,6	19	0,8
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	VV 38 GAS M	40,5	1,6	30,4	1,2	18,9	0,7	24	0,9
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	VV 38 NPT M	40,5	1,6	30,4	1,2	18,9	0,7	24	0,9
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	VV 12 GAS M	49	1,9	34	1,3	20,5	0,8	27	1,1
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	VV 12 NPT M	49	1,9	34	1,3	20,5	0,8	27	1,1
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	VV 34 GAS M	62	2,4	43,5	1,7	27,9	1,1	34	1,3
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	VV 34 NPT M	62	2,4	43,5	1,7	27,9	1,1	34	1,3
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	VV 1 GAS M	73	2,9	52	2,1	31,8	1,3	41	1,6
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	VV 1 NPT M	73	2,9	52	2,1	31,8	1,3	41	1,6



VV accessories

PVC dust caps



Caps suitable for FEMALE



Plugs suitable for MALE

Size			Cap Details		Size			Plug Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
3/8"	10	06	TMV 38	red	3/8"	10	6	TFV 38	red

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
3/8"	10	06	TMV 38 S	small chain strap	3/8"	10	06	TFV 38 S	small chain strap
3/8"	10	06	TMVM 38 SB	blue strap	3/8"	10	06	TFVM 38 SB	blue strap
3/8"	10	06	TMVM 38 SG	yellow strap	3/8"	10	06	TFVM 38 SG	yellow strap
3/8"	10	06	TMVM 38 SN	black strap	3/8"	10	06	TFVM 38 SN	black strap
3/8"	10	06	TMVM 38 SR	red strap	3/8"	10	06	TFVM 38 SR	red strap
1/2"	12,5	08	TMV 12 S		1/2"	12,5	08	TFV 12 S	
1/2"	12,5	08	TMVM 12 SR	red strap	1/2"	12,5	08	TFVM 12 SR	red strap
3/4"	20	12	TMV 34 S		3/4"	20	12	TFV 34 S	
1"	25	16	TMV 1 S		1"	25	16	TFV 1 S	

VV accessories

Stainless steel 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
3/8"	10	06	TMV 38 SS		1/2"	12,5	08	TFV 12 SS	
1/2"	12,5	08	TMV 12 SS		3/4"	20	12	TFV 34 SS	
3/4"	20	12	TMV 34 SS		1"	25	16	TFV 1 SS	
1"	25	16	TMV 1 SS						

Seal Kits

For Female



Size			Seal Details	
inch	mm	dash	Material	Part Number
1/4"	6,3	04	NBR; PTFE	SK NV 14
3/8"	10	06	NBR; PTFE	SK NV 38
1/2"	12,5	08	NBR; PTFE	SK NV 12
3/4"	20	12	NBR; PTFE	SK NV 34
1"	25	16	NBR; PTFE	SK NV 1

Every seals kit is composed of 5 or 10 pcs.