

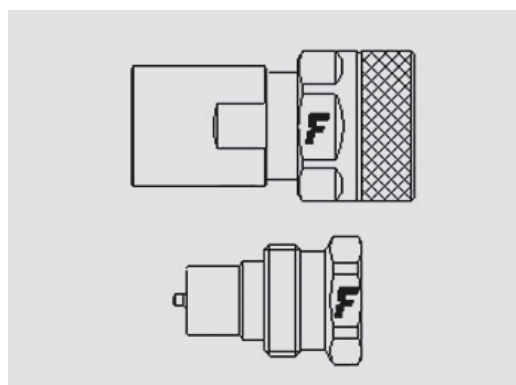
# VVS stainless steel



## Screw to connect couplings for high pressure applications, Faster interchange, stainless steel.

Screw-on stainless steel (AISI 316) couplings commonly used for applications characterized by very high working pressures and peaks. High resistance to corrosion. Heavy duty internal components guarantee the maximum safety and reliability. Faster proprietary profile.

## Applications

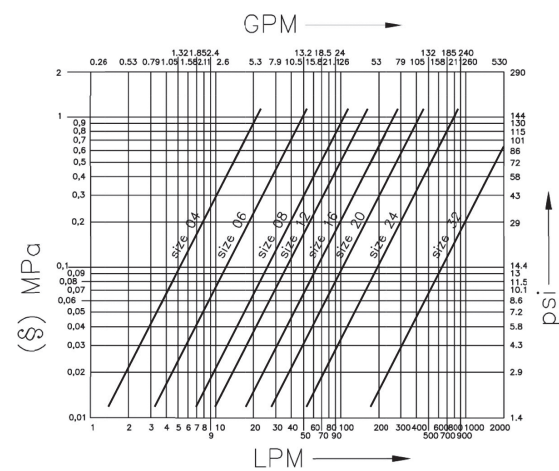


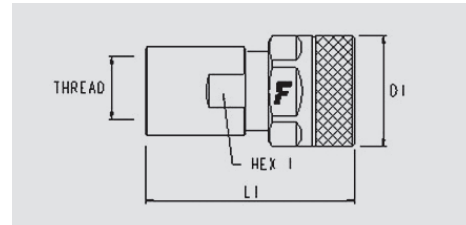
## Technical Specifications

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
04	6,3	1/4"	60	8	0,4	0	180	280	280
06	10	3/8"	65	18	0,8	0	195	200	250
08	12,5	1/2"	60	30	1,3	0	180	195	245
12	20	3/4"	50	45	1,8	0	150	160	190
16	25	1"	46	90	8	0	150	140	160
20	31,5	1-1/4"	38	140	15	0	115	120	150
16	37,5	1-1/2"	36	300	38	0	110	140	155
32	50	2"	21	1000	46	0	65	75	85

Material	<b>Stainless Steel</b>
Seals	<b>VITON</b>
Working temperatures	<b>- 20 °C to + 200 °C</b>
Surface treatment	
Series Interchange	<b>FASTER</b>
Valve Type	<b>Poppet</b>
Connection	<b>Screw to Connect</b>
Disconnection	<b>Unscrew to Disconnect</b>
Connection Under Pressure	<b>Allowed Residual</b>

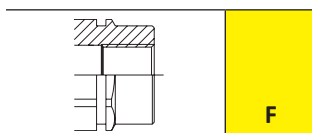
## Pressure Drop

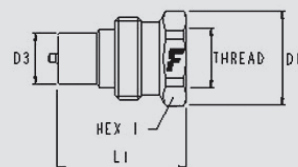




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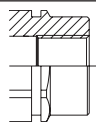
Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	VVS 14 GAS F 2V	68	2,7	30	1,2	22	0,9
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	VVS 14 NPT F 2V	68	2,7	30	1,2	22	0,9
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	VVS 38 GAS F 2V	75,4	3	40	1,6	30	1,2
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	VVS 38 NPT F 2V	76	3	40	1,6	30	1,2
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	VVS 12 GAS F 2V	87	3,4	45	1,8	34	1,3
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	VVS 12 NPT F 2V	87	3,4	45	1,8	34	1,3
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	VVS 34 GAS F 2V	106	4,2	55	2,2	41	1,6
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	VVS 34 NPT F 2V	106	4,2	55	2,2	41	1,6
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	VVS 1 GAS F 2V	124	4,9	60	2,4	50	2
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	VVS 1 NPT F 2V	124	4,9	60	2,4	50	2
1-1/4"	31,5	F BSPP	ISO 1179-1	BSPP 1-1/4 FEMALE	VVS114 GAS F 2V	153	6	80	3,2	65	2,6
1-1/4"	31,5	F NPTF	ANSI B1.20.3	NPTF 1-1/4 FEMALE	VVS114 NPT F 2V	153	6	80	3,2	65	2,6
1-1/2"	37,5	F BSPP	ISO 1179-1	BSPP 1-1/2 FEMALE	VVS112 GAS F 2V	172	6,8	98	3,9	75	3
1-1/2"	37,5	F NPTF	ANSI B1.20.3	NPTF 1-1/2 FEMALE	VVS112 NPT F 2V	172	6,8	98	3,9	75	3
2"	50	F BSPP	ISO 1179-1	BSPP 2 FEMALE	VVS 2 GAS F 2V	207	8,2	129	5,1	100	3,9
2"	50	F NPTF	ANSI B1.20.3	NPTF 2 FEMALE	VVS 2 NPT F 2V	207	8,2	129	5,1	100	3,9





## VVS stainless steel

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	VVS 14 GAS M 2V	43	1,7	28	1,1	14,1	0,6	25	1	
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	VVS 14 NPT M 2V	43	1,7	28	1,1	14,1	0,6	25	1	
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	VVS 38 GAS M 2V	48	1,9	35	1,4	18,9	0,7	32	1,3	
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	VVS 38 NPT M 2V	48	1,9	35	1,4	18,9	0,7	32	1,3	
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	VVS 12 GAS M 2V	53	2,1	38	1,5	20,5	0,8	34	1,3	
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	VVS 12 NPT M 2V	53	2,1	38	1,5	20,5	0,8	34	1,3	
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	VVS 34 GAS M 2V	63	2,5	50	2	27,9	1,1	65	2,6	
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	VVS 34 NPT M 2V	63	2,5	50	2	27,9	1,1	46	1,8	
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	VVS 1 GAS M 2V	72	2,8	55	2,2	31,3	1,2	50	2	
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	VVS 1 NPT M 2V	72	2,8	55	2,2	31,3	1,2	50	2	
1-1/4"	31,5	F BSPP	ISO 1179-1	BSPP 1-1/4 FEMALE	VVS114 GAS M 2V	86	3,4	70	2,8	43,9	1,7	65	2,6	
1-1/4"	31,5	F NPTF	ANSI B1.20.3	NPTF 1-1/4 FEMALE	VVS114 NPT M 2V	86	3,4	70	2,8	43,9	1,7	65	2,6	
1-1/2"	37,5	F BSPP	ISO 1179-1	BSPP 1-1/2 FEMALE	VVS112 GAS M 2V	95	3,7	84	3,3	53,4	2,1	80	3,2	
1-1/2"	37,5	F NPTF	ANSI B1.20.3	NPTF 1-1/2 FEMALE	VVS112 NPT M 2V	95	3,7	84	3,3	53,4	2,1	80	3,2	
2"	50	F BSPP	ISO 1179-1	BSPP 2 FEMALE	VVS 2 GAS M 2V	118	4,7	115	4,5	81,9	3,2	110	4,3	
2"	50	F NPTF	ANSI B1.20.3	NPTF 2 FEMALE	VVS 2 NPT M 2V	118	4,7	115	4,5	81,9	3,2	110	4,3	



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# VVS stainless steel 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
1/4"	6,3	04	TMV 14 S		1/4"	6,3	04	TFP 14	
1/2"	12,5	08	TMV 12 S		1/4"	6,3	04	TFV 14 S	
1/2"	12,5	08	TMVM 12 SR	red strap	1/2"	12,5	08	TFV 12 S	
3/4"	20	12	TMV 34 S		1/2"	12,5	08	TFVM 12 SR	red strap
1-1/4"	31,5	20	TMV114 S		3/4"	20	12	TFV 34 S	
2"	50	32	TMV 2 S		1"	25	16	TFV 1 S	
1-1/2"	37,5	24	TMV112 S		1-1/4"	31,5	20	TFV114 S	
					1-1/2"	37,5	24	TFV112 S	
					2"	50	32	TFV 2 S	

## 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
1/4"	6,3	04	TMV 14 SS		1/4"	6,3	04	TFV 14 SS	
3/8"	10	06	TMV 38 SS		3/8"	10	06	TFV 38 SS	
1/2"	12,5	08	TMV 12 SS		1/2"	12,5	08	TFV 12 SS	
3/4"	20	12	TMV 34 SS		3/4"	20	12	TFV 34 SS	
1"	25	16	TMV 1 SS		1"	25	16	TFV 1 SS	
1-1/4"	31,5	20	TMV114 SS		1-1/4"	31,5	20	TFV114 SS	
1-1/2"	37,5	24	TMV112 SS		1-1/2"	37,5	24	TFV112 SS	
2"	50	32	TMV 2 SS		2"	50	32	TFV 2 SS	