



VVS stainless steel

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

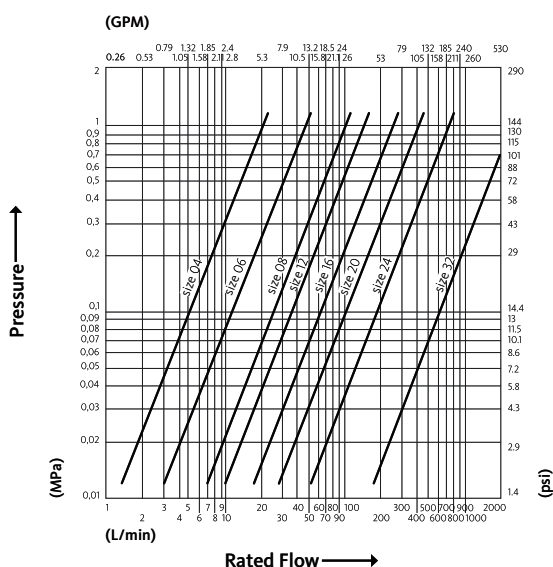
Screw-on stainless steel (AISI 316) couplings commonly used for applications characterized by very high working pressures and peaks. High resistance to corrosion. Heavy duty internal components guarantee the maximum safety and reliability. Faster proprietary profile.



Applications



Pressure Drop



Test performed according to ISO 18869

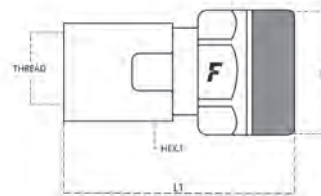
Technical Specifications

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"	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
24	37.5	1-1/2"	36	300	38	0	110	140	155
32	50	2"	21	1000	46	0	65	75	85

Material	Stainless Steel
Seals	VITON
Working temperatures	- 20 °C to + 200 °C
Surface treatment	
Series Interchange	FASTER

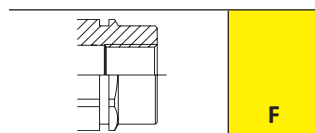
Valve Type	Poppet
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Residual

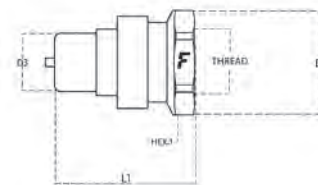




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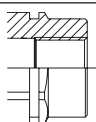
Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	VVS 14 NPT F 2V	68	2.68	30	1.18	22	0.87
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	VVS 14 GAS F 2V	68	2.68	30	1.18	22	0.87
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	VVS 38 NPT F 2V	76	2.99	40	1.57	30	1.18
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	VVS 38 GAS F 2V	75.4	2.97	40	1.57	30	1.18
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	VVS 12 NPT F 2V	87	3.43	45	1.77	34	1.34
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	VVS 12 GAS F 2V	87	3.43	45	1.77	34	1.34
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	VVS 34 NPT F 2V	106	4.17	55	2.17	41	1.61
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	VVS 34 GAS F 2V	106	4.17	55	2.17	41	1.61
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	VVS 1 NPT F 2V	124	4.88	60	2.36	50	1.97
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	VVS 1 GAS F 2V	124	4.88	60	2.36	50	1.97
31.5	1-1/4"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	VVS114 NPT F 2V	153	6.02	80	3.15	65	2.56
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	VVS114 GAS F 2V	153	6.02	80	3.15	65	2.56
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/2" FEMALE	VVS112 NPT F 2V	172	6.77	98	3.86	75	2.95
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	VVS112 GAS F 2V	172	6.77	98	3.86	75	2.95
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	VVS 2 NPT F 2V	207	8.15	129	5.08	100	3.94
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	VVS 2 GAS F 2V	207	8.15	129	5.08	100	3.94



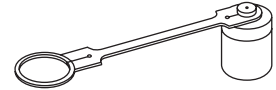
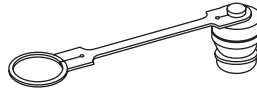


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Size		Thread details			MALE									
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1		
						mm	inch	mm	inch	mm	inch	mm	inch	
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	VVS 14 NPT M 2V	43	1.69	28	1.1	14.1	0.56	25	0.98	
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	VVS 14 GAS M 2V	43	1.69	28	1.1	14.1	0.56	25	0.98	
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	VVS 38 NPT M 2V	48	1.89	35	1.38	18.9	0.74	32	1.26	
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	VVS 38 GAS M 2V	48	1.89	35	1.38	18.9	0.74	32	1.26	
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	VVS 12 NPT M 2V	53	2.09	38	1.5	20.5	0.81	34	1.34	
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	VVS 12 GAS M 2V	53	2.09	38	1.5	20.5	0.81	34	1.34	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	VVS 34 NPT M 2V	63	2.48	50	1.97	27.9	1.1	46	1.81	
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	VVS 34 GAS M 2V	63	2.48	50	1.97	27.9	1.1	65	2.56	
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	VVS 1 NPT M 2V	72	2.83	55	2.17	31.3	1.23	50	1.97	
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	VVS 1 GAS M 2V	72	2.83	55	2.17	31.3	1.23	50	1.97	
31.5	1-1/4"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	VVS114 NPT M 2V	86	3.39	70	2.76	43.9	1.73	65	2.56	
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	VVS114 GAS M 2V	86	3.39	70	2.76	43.9	1.73	65	2.56	
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/2" FEMALE	VVS112 NPT M 2V	95	3.74	84	3.31	53.4	2.1	80	3.15	
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	VVS112 GAS M 2V	95	3.74	84	3.31	53.4	2.1	80	3.15	
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	VVS 2 NPT M 2V	118	4.65	115	4.53	81.9	3.22	110	4.33	
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	VVS 2 GAS M 2V	118	4.65	115	4.53	81.9	3.22	110	4.33	

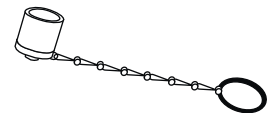
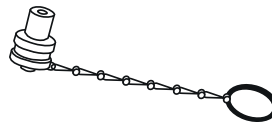
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VVS stainless steel Accessories and Spares



Aluminium dust protections

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Stainless steel dust protections

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