



HNV stainless steel

Standard couplings for industrial applications, ISO 7241 part B interchange, stainless steel versions.

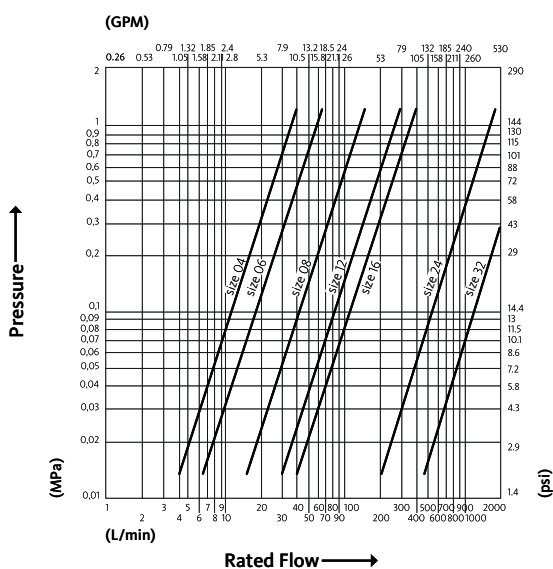
Standard couplings for industrial applications with stainless steel components (AISI 316) and Viton seals. ISO 7241 part B interchange.



Applications



Pressure Drop



Test performed according to ISO 18869

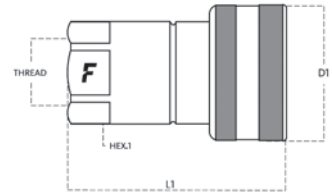
Technical Specifications

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"	35	14	1	65	140	200	200
06	10	3/8"	27	27	1.5	85	110	110	160
08	12.5	1/2"	32	60	2.8	97	150	130	130
12	20	3/4"	25	110	10	120	100	100	165
16	25	1"	21	150	13	180	84	90	100
24	37.5	1-1/2"	14	750	80	185	56	56	60
32	50	2"	9	1600	160	160	38	40	45

Material	Stainless Steel
Seals	VITON
Working temperatures	- 20 °C to + 200 °C
Surface treatment	
Series Interchange	ISO 7241 part B

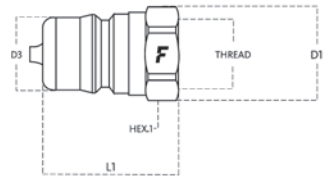
Valve Type	Poppet
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed



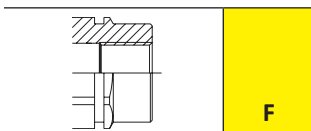


HNV stainless steel

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	HNV 14 NPT F 2V	56	2.2	28	1.1	19	0.75	
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	HNV 14 GAS F 2V	56	2.2	28	1.1	19	0.75	
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	HNV 38 NPT F 2V	64	2.52	35	1.38	24	0.94	
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	HNV 38 GAS F 2V	64	2.52	35	1.38	24	0.94	
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	HNV 12 GAS F 2V	71.5	2.81	44	1.73	30	1.18	
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNV 12 NPT F 2V	71.5	2.81	44	1.73	27	1.06	
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	HNV 34 GAS F 2V	89	3.5	52	2.05	36	1.42	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNV 34 NPT F 2V	89	3.5	52	2.05	36	1.42	
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	HNV 1 GAS F 2V	106.3	4.19	60	2.36	41	1.61	
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNV 1 NPT F 2V	106	4.17	60	2.36	41	1.61	
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	HNV112-114N F2V	126	4.96	75	2.95	65	2.56	
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	HNV112-114G F2V	126	4.96	75	2.95	65	2.56	
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/2" FEMALE	HNV112 NPT F 2V	126.3	4.97	75	2.95	65	2.56	
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	HNV 2 NPT F 2V	142	5.59	105	4.13	89	3.5	
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	HNV 2 GAS F 2V	142	5.59	105	4.13	89	3.5	



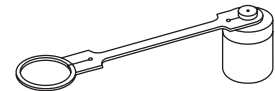
Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	HNV 14 NPT M 2V	35	1.38	21	0.83	14.1	0.56	19	0.75
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	HNV 14 GAS M 2V	35	1.38	21	0.83	14.1	0.56	19	0.75
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	HNV 38 NPT M 2V	39	1.54	24.5	0.96	19	0.75	22	0.87
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	HNV 38 GAS M 2V	39	1.54	24.5	0.96	19	0.75	22	0.87
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNV 12 NPT M 2V	44	1.73	30	1.18	23.5	0.93	27	1.06
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	HNV 12 GAS M 2V	44	1.73	30	1.18	23.5	0.93	27	1.06
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNV 34 NPT M 2V	55	2.17	38	1.5	31.5	1.24	34	1.34
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	HNV 34 GAS M 2V	55	2.17	38	1.5	31.5	1.24	34	1.34
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNV 1 NPT M 2V	66	2.6	45	1.77	37.8	1.49	41	1.61
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	HNV 1 GAS M 2V	66	2.6	45	1.77	37.8	1.49	41	1.61
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	HNV112-114N M2V	126	4.96	70	2.76	44.5	1.75	65	2.56
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	HNV112-114G M2V	126	4.96	70	2.76	44.5	1.75	65	2.56
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/2" FEMALE	HNV112 NPT M 2V	125	4.92	71	2.8	44.5	1.75	65	2.56
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	HNV 2 NPT M 2V	142	5.59	97	3.82	63.2	2.49	89	3.5
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	HNV 2 GAS M 2V	142	5.59	97	3.82	63.2	2.49	89	3.5



HNV stainless steel Accessories and Spares



PVC dust protections



Aluminium dust protections



Seals Kits