



HNV brass

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

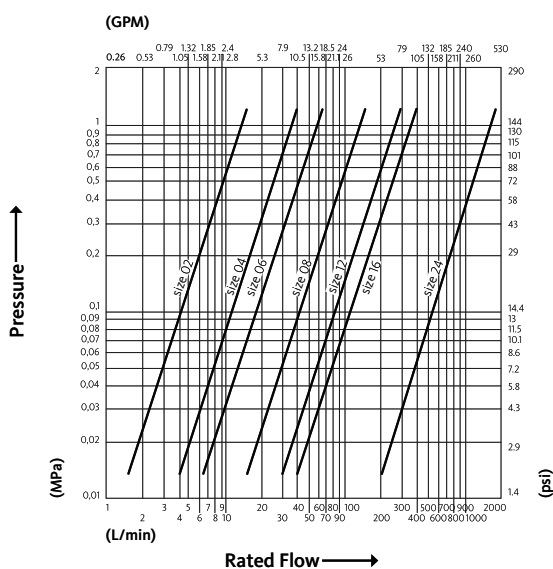
Standard couplings for industrial applications with brass components. Available with NBR or Viton seals. ISO 7241 part B interchange.



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

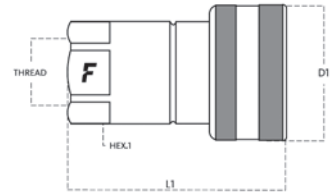
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
02	3.2	1/8"	22	6	0.5	110	90	140	150
04	6.3	1/4"	20	16	1	75	80	120	120
06	10	3/8"	15	25	1.5	78	60	70	100
08	12.5	1/2"	17	60	2.8	97	70	90	90
12	20	3/4"	10	110	10	120	40	50	100
16	25	1"	14	150	13	180	56	58	80
24	37.5	1-1/2"	7	750	80	185	30	33	40

Material	Brass
Seals	NBR; VITON*
Working temperatures	- 25 °C to + 125 °C
Surface treatment	
Series Interchange	ISO 7241 part B

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

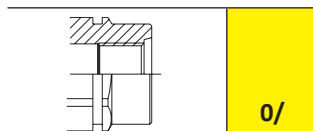
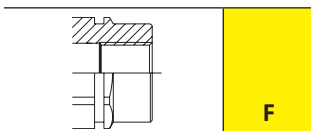


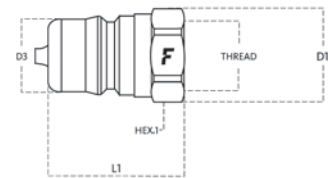
* Working temperatures: - 20 °C to + 200 °C.



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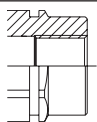
Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
3.2	1/8"	F NPTF	ANSI B1.20.3	NPTF 1/8" FEMALE	HNV 18 NPT F 5V	50	1.97	23	0.91	18	0.71
3.2	1/8"	F NPTF	ANSI B1.20.3	NPTF 1/8" FEMALE	HNV 18 NPT F 5	50	1.97	23	0.91	18	0.71
3.2	1/8"	F BSPP	ISO 1179-1	BSPP 1/8" FEMALE	HNV 18 GAS F 5V	50	1.97	23	0.91	18	0.71
3.2	1/8"	F BSPP	ISO 1179-1	BSPP 1/8" FEMALE	HNV 18 GAS F 5	50	1.97	23	0.91	18	0.71
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	HNV 14 NPT F 5V	56	2.2	28	1.1	19	0.75
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	HNV 14 NPT F 5	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 5V	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 5	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 5V	64	2.52	34	1.34	24	0.94
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	HNV 38 NPT F 5	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 5V	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 5	64	2.52	35	1.38	24	0.94
12.5	1/2"	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	HNV 12-12SAEF5V	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 5V	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 5	71.5	2.81	44	1.73	30	1.18
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	HNV 12 GAS F 5V	71.6	2.82	44	1.73	30	1.18
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	HNV 12 GAS F 5	71.6	2.82	44	1.73	30	1.18
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNV 34 NPT F 5V	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 5	89	3.5	52	2.05	36	1.42
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	HNV 34 GAS F 5V	89	3.5	52	2.05	36	1.42
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	HNV 34 GAS F 5	89	3.5	52	2.05	36	1.42
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNV 1 NPT F 5V	106	4.17	62	2.44	41	1.61
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	HNV 1 NPT F 5	106	4.17	62	2.44	41	1.61
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	HNV 1 GAS F 5V	106	4.17	62	2.44	41	1.61
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	HNV 1 GAS F 5	106	4.17	62	2.44	41	1.61
37.5	1-1/2"	F NPTF	ANSI B1.20.3	NPTF 1-1/2" FEMALE	HNV112 NPT F 5	126	4.96	75	2.95	65	2.56
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	HNV112 GAS F5V	126	4.96	75	2.95	65	2.56
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	HNV112 GAS F 5	126	4.96	75	2.95	65	2.56





HNV brass

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	
3.2	1/8"	F NPTF	ANSI B1.20.3	NPTF 1/8" FEMALE	HNV 18 NPT M 5V	31.5	1.24	18	0.71	10.8	0.43	16	0.63	
3.2	1/8"	F NPTF	ANSI B1.20.3	NPTF 1/8" FEMALE	HNV 18 NPT M 5	31.5	1.24	18	0.71	10.8	0.43	16	0.63	
3.2	1/8"	F BSPP	ISO 1179-1	BSPP 1/8" FEMALE	HNV 18 GAS M 5V	31.5	1.24	18	0.71	10.8	0.43	18	0.71	
3.2	1/8"	F BSPP	ISO 1179-1	BSPP 1/8" FEMALE	HNV 18 GAS M 5	31.5	1.24	18	0.71	10.8	0.43	18	0.71	
6.3	1/4"	F METRIC	ISO 9974-1	M12x1 FEMALE	HNV 14-1210 M5V	35	1.38	21	0.83	14.1	0.56	19	0.75	
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	HNV 14 NPT M 5V	35	1.38	21	0.83	14.1	0.56	19	0.75	
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	HNV 14 NPT M 5	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 5V	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 5	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 5V	39	1.54	24.5	0.96	19	0.75	22	0.87	
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	HNV 38 NPT M 5	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 5V	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 5	39	1.54	24.5	0.96	19	0.75	24	0.94	
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNV 12 NPT M 5V	44	1.73	30	1.18	23.5	0.93	27	1.06	
12.5	1/2"	F NPTF	ANSI B1.20.3	NPTF 1/2" FEMALE	HNV 12 NPT M 5	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 5V	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 5	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 5V	55	2.17	38	1.5	31.5	1.24	34	1.34	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	HNV 34 NPT M 5	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 5V	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 5	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 5V	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 5V	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 5	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 1-1/2" FEMALE	HNV112 NPT M 5	123.5	4.86	70	2.76	44.5	1.75	65	2.56	
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	HNV112 GAS M 5V	123.5	4.86	70	2.76	44.5	1.75	65	2.56	
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	HNV112 GAS M 5	123.5	4.86	70	2.76	44.5	1.75	65	2.56	

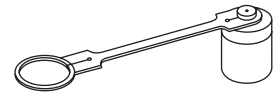
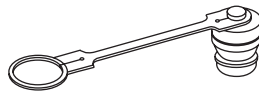


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HNV brass Accessories and Spares



PVC dust protections



Aluminium dust protections



Seals Kits