

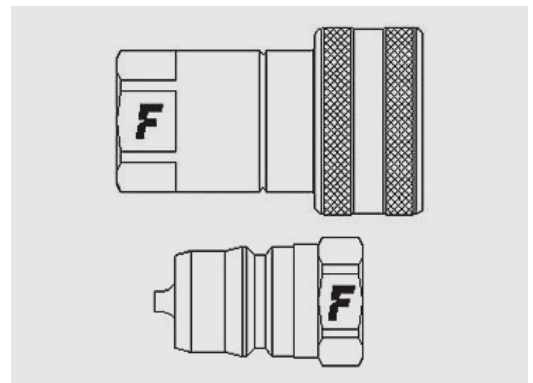
# HNV brass



## Standard couplings for industrial applications, ISO 7241-B interchange, brass versions

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

### Applications

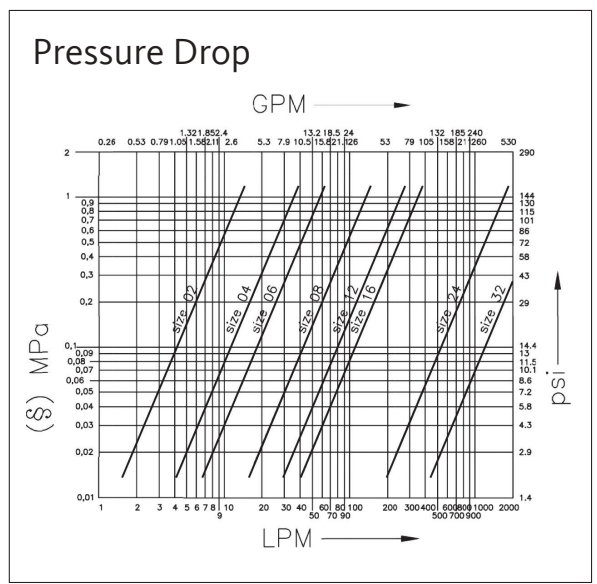


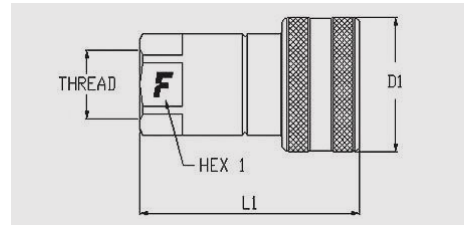
## Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
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	180	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	<b>Brass</b>
Seals	<b>NBR; VITON*</b>
Working temperatures	<b>- 25 °C to + 125 °C</b>
Surface treatment	
Series Interchange	<b>ISO 7241-B</b>
Valve Type	<b>Poppet</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>

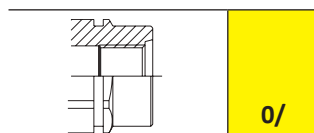
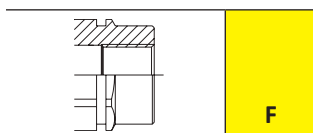
\* Working temperatures: - 20 °C to + 200 °C



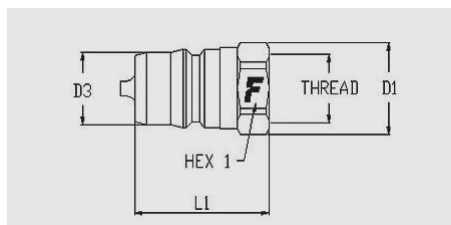


# HNV brass

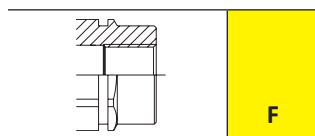
Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/8"	3,2	F BSPP	ISO 1179-1	BSPP 1/8 FEMALE	HNV 18 GAS F 5	50	1,97	23	0,91	18	0,71
1/8"	3,2	F BSPP	ISO 1179-1	BSPP 1/8 FEMALE	HNV 18 GAS F 5V	50	1,97	23	0,91	18	0,71
1/8"	3,2	F NPTF	ANSI B1.20.3	NPTF 1/8 FEMALE	HNV 18 NPT F 5	50	1,97	23	0,91	18	0,71
1/8"	3,2	F NPTF	ANSI B1.20.3	NPTF 1/8 FEMALE	HNV 18 NPT F 5V	50	1,97	23	0,91	18	0,71
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	HNV 14 GAS F 5	56	2,2	28	1,1	19	0,75
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	HNV 14 GAS F 5V	56	2,2	28	1,1	19	0,75
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	HNV 14 NPT F 5	56	2,2	28	1,1	19	0,75
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	HNV 14 NPT F 5V	56	2,2	28	1,1	19	0,75
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	HNV 38 GAS F 5	64	2,52	35	1,38	24	0,94
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	HNV 38 GAS F 5V	64	2,52	35	1,38	24	0,94
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	HNV 38 NPT F 5	64	2,52	35	1,38	24	0,94
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	HNV 38 NPT F 5V	64	2,52	34	1,34	24	0,94
1/2"	12,5	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	HNV 12-12SAE FS	71,5	2,81	44	1,73	30	1,18
1/2"	12,5	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	HNV 12-12SAEF5V	71,5	2,81	44	1,73	30	1,18
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	HNV 12 GAS F 5	71,6	2,82	44	1,73	30	1,18
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	HNV 12 GAS F 5V	71,6	2,82	44	1,73	30	1,18
1/2"	12,5	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
1/2"	12,5	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
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	HNV 34 GAS F 5	89	3,5	52	2,05	36	1,42
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	HNV 34 GAS F 5V	89	3,5	52	2,05	36	1,42
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	HNV 34 NPT F 5	89	3,5	52	2,05	36	1,42
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	HNV 34 NPT F 5V	89	3,5	52	2,05	36	1,42
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	HNV 1 GAS F 5	106	4,17	62	2,44	41	1,61
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	HNV 1 GAS F 5V	106	4,17	62	2,44	41	1,61
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	HNV 1 NPT F 5	106	4,17	62	2,44	41	1,61
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	HNV 1 NPT F 5V	106	4,17	62	2,44	41	1,61
1-1/2"	37,5	F BSPP	ISO 1179-1	BSPP 1-1/2 FEMALE	HNV112 GAS F 5	126	4,96	75	2,95	65	2,56
1-1/2"	37,5	F BSPP	ISO 1179-1	BSPP 1-1/2 FEMALE	HNV112 GAS F5V	126	4,96	75	2,95	65	2,56
1-1/2"	37,5	F NPTF	ANSI B1.20.3	NPTF 1-1/2 FEMALE	HNV112 NPT F 5	126	4,96	75	2,95	65	2,56



# HNV brass



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	
1/8"	3,2	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	
1/8"	3,2	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	
1/8"	3,2	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	
1/8"	3,2	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	
1/4"	6,3	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	
1/4"	6,3	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	
1/4"	6,3	F METRIC	ISO 9974-1	M12x1 FEMALE	HNV 14-1210 M5V	35	1,38	21	0,83	14,1	0,56	19	0,75	
1/4"	6,3	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	
1/4"	6,3	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	
3/8"	10	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	
3/8"	10	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	
3/8"	10	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	
3/8"	10	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	
1/2"	12,5	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	
1/2"	12,5	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	
1/2"	12,5	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	
1/2"	12,5	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	
3/4"	20	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	
3/4"	20	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	
3/4"	20	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	
3/4"	20	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	
1"	25	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	
1"	25	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	
1"	25	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	
1-1/2"	37,5	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	
1-1/2"	37,5	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	
1-1/2"	37,5	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	



# HNV brass accessories

## PVC 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
1/8"	3,2	02	TMH 18	red	1/8"	3,2	02	TFH 18	red
1/4"	6,3	04	TMH 14	red	1/4"	6,3	04	TFH 14	red
1/4"	6,3	04	TMH 14 N	black	1/4"	6,3	04	TFH 14 N	black
3/8"	10	06	TMH 38	red	3/8"	10	06	TFH 38	red
3/8"	10	06	TMH 38 A	orange	3/8"	10	06	TFH 38 A	orange
3/8"	10	06	TMH 38 B	blue	3/8"	10	06	TFH 38 B	blue
3/8"	10	06	TMH 38 G	yellow	3/8"	10	06	TFH 38 G	yellow
1/2"	12,5	08	TMH 12	red	3/8"	10	06	TFH 38 N	black
3/4"	20	12	TMH 34	red	1/2"	12,5	08	TFH 12	red
3/4"	20	12	TMH 34 N	black	3/4"	20	12	TFH 34	red
1"	25	16	TMH 1	red	3/4"	20	12	TFH 34 N	black
					1"	25	16	TFH 1	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
1/8"	3,2	02	TMH 18 S		1/8"	3,2	2	TFH 18 S	
1/4"	6,3	04	TMH 14 S		1/4"	6,3	4	TFH 14 S	
1-1/2"	37,5	24	TMH112 S		1-1/2"	37,5	24	TFH112 S	

## Seal Kits



### For Female

Size			Seal Details	
inch	mm	dash	Material	Part Number
1/8"	3,2	02	NBR;PTFE	SK HNV 18
1/8"	3,2	02	FKM;PTFE	SK HNV 18 V
1/4"	6,3	04	NBR;PTFE	SK HNV 14
1/4"	6,3	04	FKM;PTFE	SK HNV 14 V
3/8"	10	06	NBR;PTFE	SK HNV 38
3/8"	10	06	FKM;PTFE	SK HNV 38 V
1/2"	12,5	08	NBR;PTFE	SK HNV 12
1/2"	12,5	08	NBR;PTFE	SK HNV 12 V
3/4"	20	12	NBR;PTFE	SK HNV 34
3/4"	20	12	FKM;PTFE	SK HNV 34 V
1"	25	16	NBR;PTFE	SK HNV 1
1"	25	16	FKM;PTFE	SK HNV 1 V
1-1/2"	37,5	24	NBR	SK HNV 112
1-1/2"	37,5	24	FKM	SK HNV 112 V
2"	50	32	FKM	SK HNV 2 V

Every seals kit is composed of 5 or 10 pcs.