

# ANV

Standard couplings for agriculture, ISO 7241 part A interchange.

Standard couplings for agriculture applications. Complete range of sizes from 1/4" to 2" (with BSP, NPT or SAE female threads available). ISO 7241 part A interchange.



## Technical Specifications

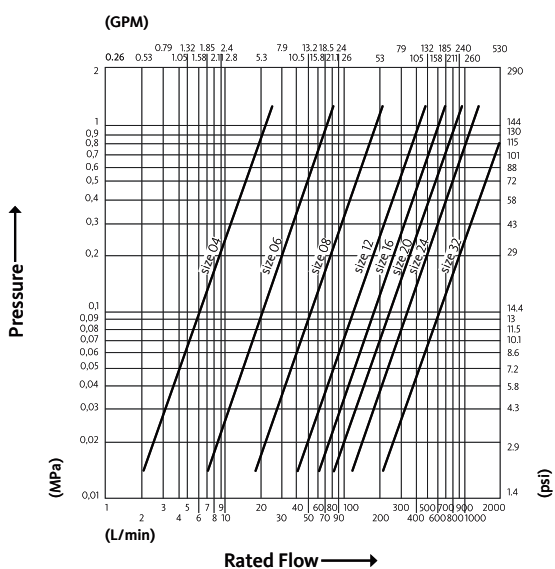
dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
04	6.3	1/4"	50	8	0.5	45	200	200	200
06	10	3/8"	30	30	1.1	80	120	140	160
08	12.5	1/2"	30	75	1.8	80	120	120	130
12	20	3/4"	30	180	8	150	120	120	120
16	25	1"	25	270	10	150	100	100	100
20	31.5	1-1/4"	25	330	20	170	100	100	100
24	37.5	1-1/2"	20	450	32	255	80	80	80
32	50	2"	15	900	85	440	60	60	60

Material	<b>Steel</b>
Seals	<b>NBR</b>
Working temperatures	<b>- 25 °C to + 125 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>ISO 7241 part A</b>

## Applications



## Pressure Drop

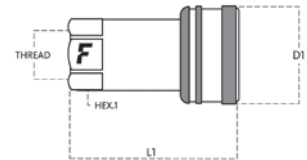


Test performed according to ISO 18869

Valve Type	<b>Poppet</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>

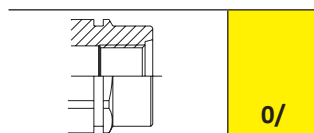
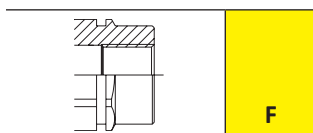


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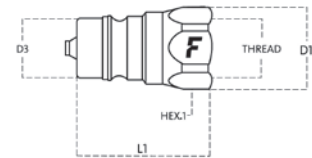


Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
6.3	1/4"	O/ METRIC	ISO 6149-1	M14x1.5 FEMALE ORB	ANV0/1415 F	47.7	1.88	25	0.98	19	0.75
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	ANV 14 NPT F	48	1.89	25	0.98	19	0.75
6.3	1/4"	F JPT	UNI EN 10226-2	RC 1/4" FEMALE (JPT)	ANV 14 JPT F	47.2	1.86	25	0.98	19	0.75
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	ANV 14 GAS F	47.2	1.86	25	0.98	19	0.75
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	ANV 14 GAS F7	41.2	1.62	25.2	0.99	19	0.75
10	3/8"	F METRIC	ISO 9974-1	M18x1.5 FEMALE	ANV 1815 F	57	2.24	32	1.26	22	0.87
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	ANV 38 NPT F	57	2.24	32	1.26	22	0.87
10	3/8"	F JPT	UNI EN 10226-2	RC 3/8" FEMALE (JPT)	ANV 38 JPT F	57.2	2.25	32	1.26	22	0.87
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	ANV 38 GAS F	57	2.24	32	1.26	22	0.87
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	ANV 38 GAS F7	57	2.24	32	1.26	22	0.87
20	3/4"	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	ANV 34-34SAE F	82.5	3.25	48	1.89	34	1.34
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	ANV 34 NPT F	82.5	3.25	48	1.89	34	1.34
20	3/4"	F JPT	UNI EN 10226-2	RC 3/4" FEMALE (JPT)	ANV 34 JPT F	82.5	3.25	48	1.89	34	1.34
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	ANV 34 GAS F	82.5	3.25	48	1.89	34	1.34
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	ANV 34 GAS F7	82.6	3.25	48	1.89	34	1.34
25	1"	O/ SAE	ISO 11926-1	1-5/16"-12 UN FEMALE ORB	ANV 1-1 SAE F	100	3.94	56	2.2	41	1.61
25	1"	F JPT	UNI EN 10226-2	RC 1 FEMALE (JPT)	ANV 1 JPT F	100	3.94	56	2.2	41	1.61
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	ANV 1 NPT F	100	3.94	56	2.2	41	1.61
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	ANV 1 GAS F	100	3.94	56	2.2	41	1.61
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	ANV 1 GAS F7	100	3.94	56	2.2	41	1.61
31.5	1-1/4"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	ANV114 NPT F	116	4.57	70	2.76	50	1.97
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	ANV114 GAS F	116	4.57	70	2.76	50	1.97
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	ANV112 GAS F	132.5	5.22	84	3.31	60	2.36
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	ANV 2 NPT F	161	6.34	100	3.94	75	2.95
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	ANV 2 GAS F	161	6.34	100	3.94	75	2.95

Part Numbers ending in 7 have Zn-Ni surface treatment for improved resistance against wear and corrosion.

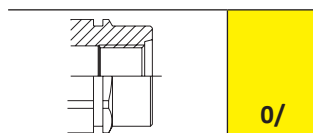
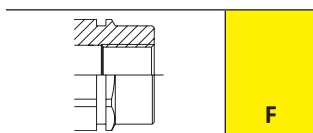


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Size		Thread details			MALE									
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1		
						mm	inch	mm	inch	mm	inch	mm	inch	
6.3	1/4"	O/ METRIC	ISO 6149-1	M14x1.5 FEMALE ORB	ANV0/1415 M	39	1.54	21	0.83	11.8	0.46	19	0.75	
6.3	1/4"	O/ SAE	ISO 11926-1	9/16"-18 UNF FEMALE ORB	ANV 14-38SAE M	40.2	1.58	21	0.83	11.8	0.46	19	0.75	
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	ANV 14 NPT M	38.6	1.52	21	0.83	11.8	0.46	19	0.75	
6.3	1/4"	F JPT	UNI EN 10226-2	RC 1/4" FEMALE (JPT)	ANV 14 JPT M	38.6	1.52	21	0.83	11.8	0.46	19	0.75	
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	ANV 14 GAS M	38.6	1.52	21	0.83	11.8	0.46	19	0.75	
6.3	1/4"	F BSPP	ISO 1179-1	BSPP 1/4" FEMALE	ANV 14 GAS M7	38.6	1.52	11.8	0.46	11.8	0.46	19	0.75	
10	3/8"	F NPTF	ANSI B1.20.3	NPTF 3/8" FEMALE	ANV 38 NPT M	39	1.54	24	0.94	17.2	0.68	22	0.87	
10	3/8"	F METRIC	ISO 9974-1	M18x1.5 FEMALE	ANV 1815 M	39	1.54	24	0.94	17.2	0.68	22	0.87	
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	ANV 38 GAS M	39	1.54	24	0.94	17.2	0.68	22	0.87	
10	3/8"	F BSPP	ISO 1179-1	BSPP 3/8" FEMALE	ANV 38 GAS M7	39	1.54	17.2	0.68	17.2	0.68	22	0.87	
10	3/8"	F JPT	UNI EN 10226-2	RC 3/8" FEMALE (JPT)	ANV 38 JPT M	39	1.54	24	0.94	17.2	0.68	22	0.87	
20	3/4"	O/ METRIC	ISO 6149-1	M26x1.5 FEMALE ORB	ANV0/2615 M	53	2.09	38	1.5	29	1.14	34	1.34	
20	3/4"	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	ANV 34-34SAE M	55	2.17	38	1.5	29	1.14	34	1.34	
20	3/4"	F NPTF	ANSI B1.20.3	NPTF 3/4" FEMALE	ANV 34 NPT M	55	2.17	38	1.5	29	1.14	34	1.34	
20	3/4"	F JPT	UNI EN 10226-2	RC 3/4" FEMALE (JPT)	ANV 34 JPT M	55	2.17	38	1.5	29	1.14	34	1.34	
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	ANV 34 GAS M	55	2.17	38	1.5	29	1.14	34	1.34	
20	3/4"	F BSPP	ISO 1179-1	BSPP 3/4" FEMALE	ANV 34 GAS M7	55	2.17	29	1.14	29	1.14	34	1.34	
25	1"	F NPTF	ANSI B1.20.3	NPTF 1" FEMALE	ANV 1 NPT M	66	2.6	45	1.77	34.3	1.35	41	1.61	
25	1"	F JPT	UNI EN 10226-2	RC 1" FEMALE (JPT)	ANV 1 JPT M	66	2.6	45	1.77	34.3	1.35	41	1.61	
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	ANV 1 GAS M	66	2.6	45	1.77	34.3	1.35	41	1.61	
25	1"	F BSPP	ISO 1179-1	BSPP 1" FEMALE	ANV 1 GAS M7	66	2.6	45	1.77	34.3	1.35	41	1.61	
31.5	1-1/4"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	ANV114 NPT M	73	2.87	55.5	2.19	44.9	1.77	50	1.97	
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	ANV114 GAS M	73	2.87	55.5	2.19	44.9	1.77	50	1.97	
37.5	1-1/2"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	ANV112 GAS M	83	3.27	66	2.6	55	2.17	60	2.36	
50	2"	F NPTF	ANSI B1.20.3	NPTF 2" FEMALE	ANV 2 NPT M	100	3.94	85	3.35	65	2.56	75	2.95	
50	2"	F BSPP	ISO 1179-1	BSPP 2" FEMALE	ANV 2 GAS M	100	3.94	85	3.35	65	2.56	75	2.95	

Part Numbers ending in 7 have Zn-Ni surface treatment for improved resistance against wear and corrosion.



# ANV Accessories and Spares



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## PVC dust protections



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## Seals Kits