

# ANV

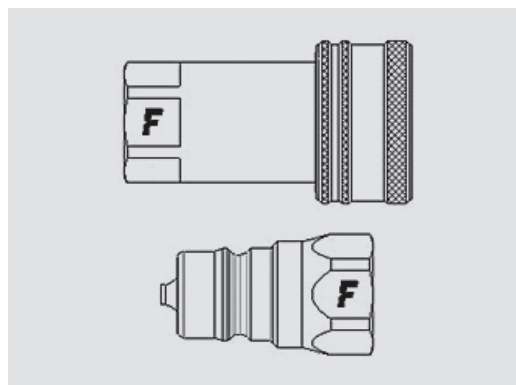


## Standard couplings for agriculture, ISO 7241-A interchange.

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.



## Applications

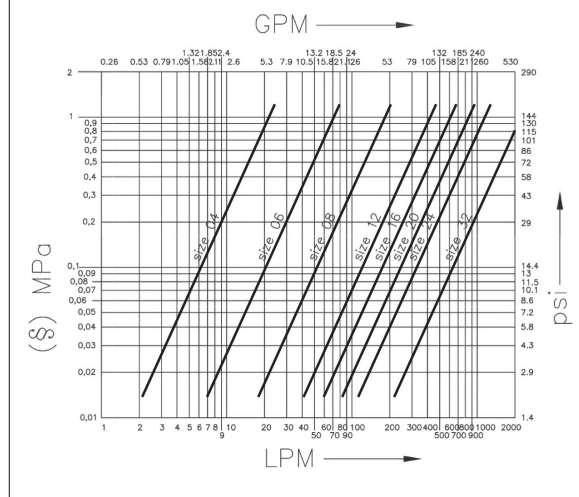


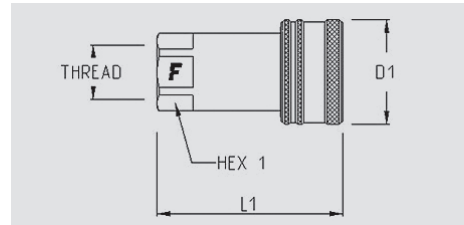
## Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
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

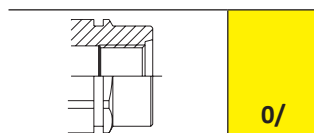
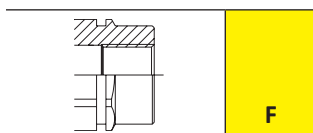
Material	<b>Steel</b>
Seals	<b>NBR</b>
Working temperatures	<b>- 25 °C to + 125 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>ISO 7241-A</b>
Valve Type	<b>Poppet</b>
Connection	<b>Sleeve Retraction</b>
Disconnection	<b>Sleeve Retraction</b>
Connection Under Pressure	<b>Not Allowed</b>

## Pressure Drop

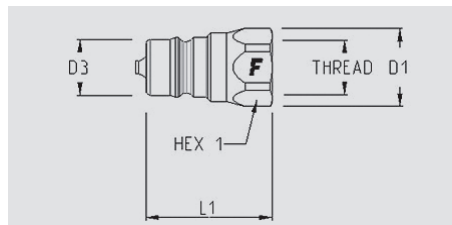




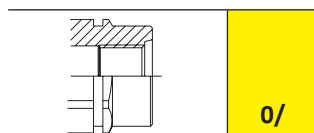
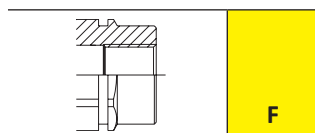
Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	O/ METRIC	ISO 6149-1	M14x1,5 FEMALE ORB	ANV0/1415 F	47,7	1,88	25	0,98	19	0,75
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	ANV 14 GAS F	47,2	1,86	25	0,98	19	0,75
1/4"	6,3	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
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	ANV 14 NPT F	48	1,89	25	0,98	19	0,75
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	ANV 38 GAS F	57	2,24	32	1,26	22	0,87
3/8"	10	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
3/8"	10	F METRIC	ISO 9974-1	M18x1,5 FEMALE	ANV 1815 F	57	2,24	32	1,26	22	0,87
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	ANV 38 NPT F	57	2,24	32	1,26	22	0,87
3/4"	20	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
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	ANV 34 GAS F	82,5	3,25	48	1,89	34	1,34
3/4"	20	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
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	ANV 34 NPT F	82,5	3,25	48	1,89	34	1,34
1"	25	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
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	ANV 1 GAS F	100	3,94	56	2,2	41	1,61
1"	25	F JPT	UNI EN 10226-2	RC 1 FEMALE (JPT)	ANV 1 JPT F	100	3,94	56	2,2	41	1,61
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	ANV 1 NPT F	100	3,94	56	2,2	41	1,61
1-1/4"	31,5	F BSPP	ISO 1179-1	BSPP 1-1/4 FEMALE	ANV114 GAS F	116	4,57	70	2,76	50	1,97
1-1/4"	31,5	F NPTF	ANSI B1.20.3	NPTF 1-1/4 FEMALE	ANV114 NPT F	116	4,57	70	2,76	50	1,97
1-1/2"	37,5	F BSPP	ISO 1179-1	BSPP 1-1/2 FEMALE	ANV112 GAS F	132,5	5,22	84	3,31	60	2,36
2"	50	F BSPP	ISO 1179-1	BSPP 2 FEMALE	ANV 2 GAS F	161	6,34	100	3,94	75	2,95
2"	50	F NPTF	ANSI B1.20.3	NPTF 2 FEMALE	ANV 2 NPT F	161	6,34	100	3,94	75	2,95



ANV



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
1/4"	6,3	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
1/4"	6,3	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
1/4"	6,3	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
1/4"	6,3	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
1/4"	6,3	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
3/8"	10	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
3/8"	10	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
3/8"	10	F METRIC	ISO 9974-1	M18x1,5 FEMALE	ANV 1815 M	39	1,54	24	0,94	17,2	0,68	22	0,87
3/8"	10	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
3/4"	20	O/ METRIC	ISO 6149-1	M26x1,5 FEMALE ORB	ANV0/2615 M	53	2,09	38	1,5	29	1,14	34	1,34
3/4"	20	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
3/4"	20	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
3/4"	20	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
3/4"	20	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
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	ANV 1 GAS M	66	2,6	45	1,8	34,3	1,35	41	1,61
1"	25	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
1"	25	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
1-1/4"	31,5	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
1-1/4"	31,5	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
1-1/2"	37,5	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
2"	50	F BSPP	ISO 1179-1	BSPP 2 FEMALE	ANV 2 GAS M	100	3,94	85	3,35	65	2,56	75	2,95
2"	50	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



# ANV 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
1/4"	6,3	04	TMA 14	yellow	1/4"	6,3	04	TFA 14	yellow
1/4"	6,3	04	TMA 14 A	orange	1/4"	6,3	04	TFA 14 V	green
1/4"	6,3	04	TMA 14 R	red	3/8"	10	06	TFA 38	yellow
3/8"	10	06	TMA 38	yellow	3/8"	10	06	TFA 38 A	orange
3/8"	10	06	TMA 38 A	orange	3/8"	10	06	TFA 38 B	blue
3/8"	10	06	TMA 38 B	blue	3/8"	10	06	TFA 38 N	black
3/8"	10	06	TMA 38 N	black	3/8"	10	06	TFA 38 R	red
3/8"	10	06	TMA 38 R	red	3/8"	10	06	TFA 38 V	green
3/8"	10	06	TMA 38 V	green	3/4"	20	12	TFA 34	yellow
3/4"	20	12	TMA 34	yellow	3/4"	20	12	TFA 34 B	blue
3/4"	20	12	TMA 34 N	black	3/4"	20	12	TFA 34 N	black
3/4"	20	12	TMA 34 R	red	3/4"	20	12	TFA 34 R	red
1"	25	16	TMA 1	yellow	1"	25	16	TFA 1	yellow
1"	25	16	TMA 1 N	black	1"	25	16	TFA 1 N	black
1"	25	16	TMA 1 R	red	1"	25	16	TFA 1 R	red

## Seal Kits



### For Female

Size			Seal Details	
inch	mm	dash	Material	Part Number
1/4"	6,3	04	NBR; PTFE	SK ANV 14
3/8"	10	06	NBR; PTFE	SK ANV 38
3/4"	20	12	NBR; PTFE	SK ANV 34
1"	25	16	NBR; PTFE	SK ANV 1
1-1/4"	31,5	20	NBR; PTFE	SK ANV 114
1-1/2"	37,5	24	NBR	SK ANV 112
2"	50	32	NBR	SK ANV 2

Every seals kit is composed of 5 or 10 pcs.