

NS

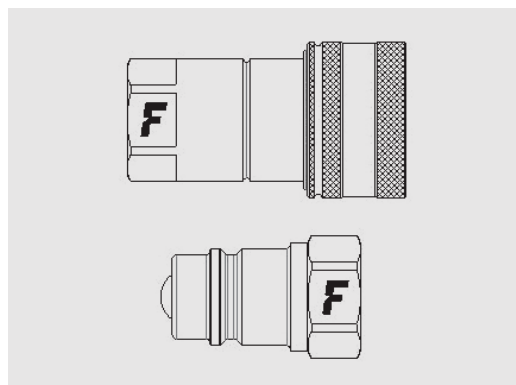


Standard couplings with ball valve. Faster interchangeability (except size 12,5).

Standard couplings for general purpose applications with ball valve shut-off system. Faster proprietary profile (1/2" size only) is interchangeable according to ISO 7241-1 part A).



Applications

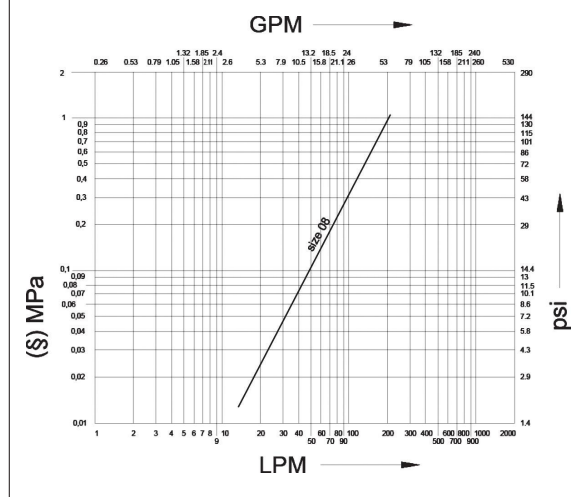


Technical Specifications

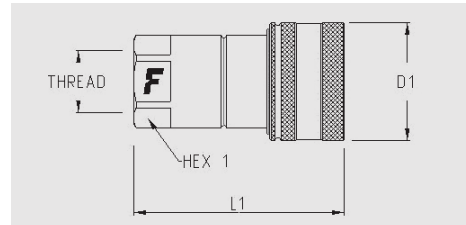
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
04	6,3	1/4"	25	15	0,7	55	100	100	140
06	10	3/8"	25	30	1	85	100	100	140
08	12,5	1/2"	20	50	1,5	90	80	100	120
12	20	3/4"	17	80	7	170	68	95	150
16	25	1"	22	140	11	140	90	120	160

Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	FASTER
Valve Type	Ball
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

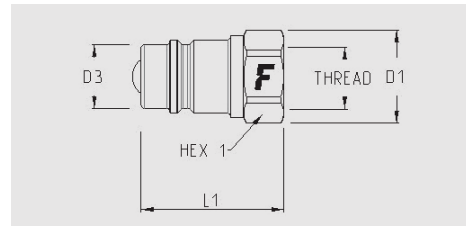
Pressure Drop



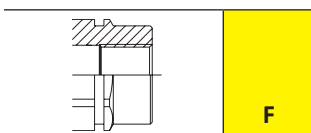
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Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/4"	6,3	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	NS 14 GAS F	50	1,97	27	1,06	19	0,75
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	NS 14 NPT F	50	1,97	27	1,06	19	0,75
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	NS 38 GAS F	59,5	2,34	33	1,3	24	0,94
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	NS 38 NPT F	59,5	2,34	33	1,3	24	0,94
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NS 12 GAS F	68	2,68	38	1,5	27	1,06
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	NS 12 NPT F	68	2,68	38	1,5	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NS 34 GAS F	82,5	3,25	48	1,89	34	1,34
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	NS 34 NPT F	82	3,23	48	1,89	34	1,34
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	NS 34 NPT F V	82,5	3,25	48	1,89	34	1,34
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	NS 1 GAS F	96,5	3,8	56	2,2	41	1,61
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	NS 1 NPT F	96,5	3,8	56	2,2	41	1,61



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	F BSPP	ISO 1179-1	BSPP 1/4 FEMALE	NS 14 GAS M	33	1,3	21	0,83	14,1	0,56	19	0,75
1/4"	6,3	F NPTF	ANSI B1.20.3	NPTF 1/4 FEMALE	NS 14 NPT M	33	1,3	21	0,83	14,1	0,56	19	0,75
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	NS 38 GAS M	39	1,54	27	1,06	18,9	0,74	24	0,94
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	NS 38 NPT M	39	1,54	27	1,06	18,9	0,74	24	0,94
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NS 12 GAS M	46	1,81	30	1,18	20,5	0,81	27	1,06
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	NS 12 NPT M	46	1,81	30	1,18	20,5	0,81	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NS 34 GAS M	53,5	2,11	38	1,5	27,9	1,1	34	1,34
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	NS 34 NPT M	53	2,09	38	1,5	27,9	1,1	34	1,34
1"	25	F BSPP	ISO 1179-1	BSPP 1 FEMALE	NS 1 GAS M	63	2,48	45	1,77	31,3	1,23	41	1,61
1"	25	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	NS 1 NPT M	63	2,48	45	1,77	31,3	1,23	41	1,61



NS Accessories

PVC dust caps



Plugs suitable for FEMALE



Caps suitable for MALE

Size			Plug Details		Size			Plug Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/4"	6,3	04	TM 14	blue	1/4"	6,3	04	TF 14	blue
1/4"	6,3	04	TM 14 A	orange	1/4"	6,3	04	TF 14 G	yellow
1/4"	6,3	04	TM 14 G	yellow	1/4"	6,3	04	TF 14 N	black
1/4"	6,3	04	TM 14 GR	grey	1/4"	6,3	04	TF 14 R	red
1/4"	6,3	04	TM 14 N	black	1/4"	6,3	04	TF 14 V	green
1/4"	6,3	04	TM 14 R	red	3/8"	10	06	TF 38	blue
1/4"	6,3	04	TM 14 V	green	3/8"	10	06	TF 38 R	red
3/8"	10	06	TM 38	blue	1/2"	12,5	08	TF 12	blue
3/8"	10	06	TM 38 R	red	1/2"	12,5	08	TF 12 A	orange
1/2"	12,5	08	TM 12 L	blue	1/2"	12,5	08	TF 12 G	yellow
1/2"	12,5	08	TM 12 L/A	orange	1/2"	12,5	08	TF 12 GR	grey
1/2"	12,5	08	TM 12 L/G	yellow	1/2"	12,5	08	TF 12 M	brown
1/2"	12,5	08	TM 12 L/M	brown	1/2"	12,5	08	TF 12 N	black
1/2"	12,5	08	TM 12 L/N	black	1/2"	12,5	08	TF 12 R	red
1/2"	12,5	08	TM 12 L/R	red	1/2"	12,5	08	TF 12 V	green
1/2"	12,5	08	TM 12 L/V	green	3/4"	20	12	TF 34	blue
3/4"	20	12	TM 34	blue	1"	25	16	TF 1	blue
1"	25	16	TM 1	blue					



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12-38	blue
1/2"	12,5	08	TM 12-38 G	yellow
1/2"	12,5	08	TM 12-38 GR	grey
1/2"	12,5	08	TM 12-38 M	brown
1/2"	12,5	08	TM 12-38 N	black
1/2"	12,5	08	TM 12-38 R	red
1/2"	12,5	08	TM 12-38 V	green

NS Accessories

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
1/4"	6,3	04	TM 14 S		1/4"	6,3	04	TF 14 S	
1/2"	12,5	08	TM 12 S		1/2"	12,5	08	TF 12 S	
3/4"	20	12	TM 34 S		3/4"	20	12	TF 34 S	
1"	25	16	TM 1 S		1"	25	16	TF 1 S	

Seal Kits



For Female

Size			Seal Details	
inch	mm	dash	Material	Part Number
1/4"	6,3	04	NBR; PTFE	SK NV 14
3/8"	10	06	NBR; PTFE	SK NV 38
1/2"	12,5	08	NBR; PTFE	SK NV 12
3/4"	20	12	NBR; PTFE	SK NV 34
1"	25	16	NBR; PTFE	SK NV 1

Every seals kit is composed of 5 or 10 pcs.