

3FFH

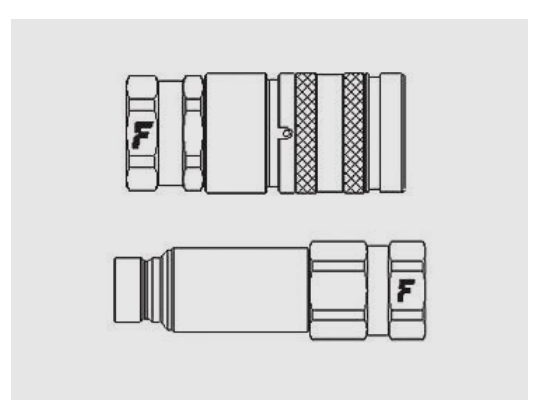


Flat face couplings, ISO 16028, connection under pressure.

Flat face couplings, connectable under residual pressure. Real 35 MPa (5076 psi) max working pressure. ISO 16028 interchange. Zinc-Nickel plating. It is possible to couple either a 3FFH female half under pressure with a FFH male half, or a 3FFH male half under pressure with a FFH female half.



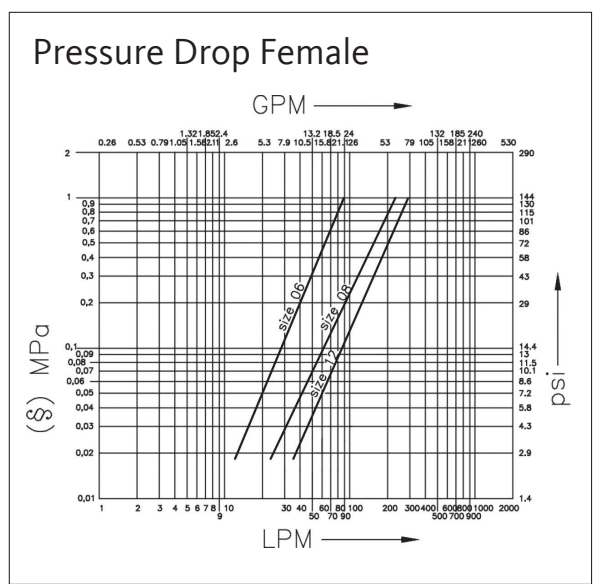
Applications



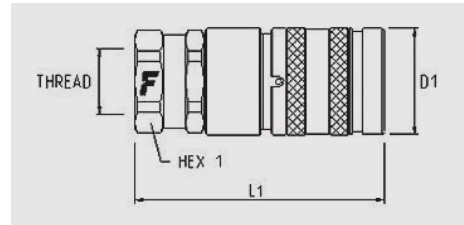
Technical Specifications (referred to male only)

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
06	10	3/8"	35	35	0,008	190	140	140	140
08	12,5	1/2"	35	65	0,01	200	140	140	140
10	16	5/8"	35	97	0,02	210	140	140	140
12	10	3/4"	35	115	0,02	220	140	140	140

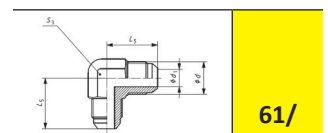
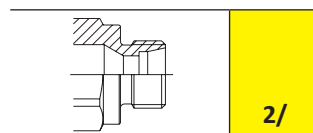
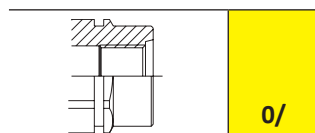
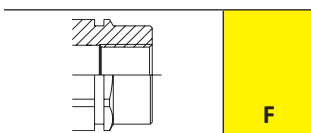
Material	Steel
Seals	NBR; PUR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 1000 (ZnNi)
Series Interchange	ISO 16028
Valve Type	Flat
Connection	Push to Connect
Disconnection	Sleeve Retraction
Connection Under Pressure	Allowed Male Half up to W.P.



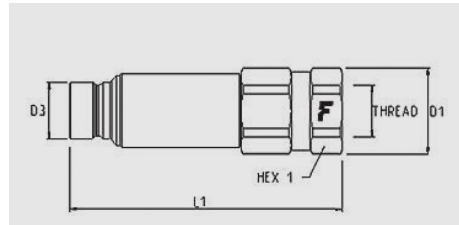
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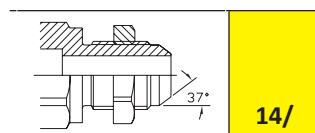
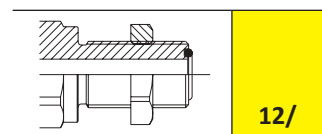
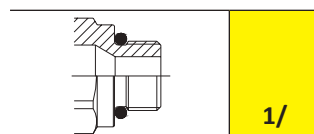
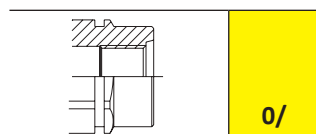
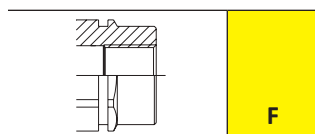
Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
3/8"	10	O2/ METRIC	ISO 8434-1-L	M22x1,5 MALE 15L	3FFH06-2/2215F	81,9	3,22	30	1,18	27	1,06
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	3FFH06 38GAS F	75	2,95	30	1,18	27	1,06
1/2"	12,5	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	3FFH08 34SAE FA	86,8	3,42	38	1,5	34	1,34
1/2"	12,5	O/ SAE	ISO 11926-1	7/8"-14 UNF FEMALE ORB	3FFH08 58SAE F	81,3	3,2	38	1,5	34	1,34
1/2"	12,5	61/ SAE	ISO 8434-2	1-1/16"-12 UN 90° MALE	3FFH08-61/34SFS	100,8	3,97	38	1,5	34	1,34
1/2"	12,5	61/ SAE	ISO 8434-2	9/16"-18 UN 90° MALE	3FFH08-61/38SFS	100,8	3,97	38	1,5	34	1,34
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	3FFH08 12GAS F	81,3	3,2	38	1,5	34	1,34
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	3FFH08 12NPT F	81,3	3,2	38	1,5	34	1,34
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	3FFH12 34GAS F	100	3,94	48	1,89	42	1,65
3/4"	20	F NPTF	ANSI B1.20.3	NPTF 1 FEMALE	3FFH12 1NPT F	104	4,09	48	1,89	42	1,65



3FFH



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	
3/8"	10	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	3FFH06 12SAE M	100,3	3,95	33	1,3	19,7	0,78	30	1,18	
3/8"	10	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	3FFH06 12GAS M	101,8	4,01	33	1,3	19,7	0,78	30	1,18	
3/8"	10	F BSPP	ISO 1179-1	BSPP 3/8 FEMALE	3FFH06 38GAS M	96,8	3,81	30	1,18	19,7	0,78	30	1,18	
3/8"	10	F NPTF	ANSI B1.20.3	NPTF 3/8 FEMALE	3FFH06 38NPT M	96,8	3,81	33	1,3	19,7	0,78	30	1,18	
1/2"	12,5	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	3FFH08 34SAE M	121,7	4,79	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	O/ SAE	ISO 11926-1	3/4"-16 UNF FEMALE ORB	3FFH08 12SAE M	115,7	4,56	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	O/ SAE	ISO 11926-1	7/8"-14 UNF FEMALE ORB	3FFH08 58SAE M	116,7	4,59	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	12/ SAE	ISO 8434-3	1-3/16"-12 UN MALE BULKHEAD ORFS	3FFH08-12/34S M	146,2	5,76	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	12/ SAE	ISO 8434-3	1"-14 UNS MALE BULKHEAD ORFS	3FFH08-12/58S M	144,7	5,7	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	14/ SAE	ISO 8434-2	1-1/16"-12 UN MALE BULKHEAD JIC	3FFH08-14/34S M	149,1	5,87	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	14/ SAE	ISO 8434-2	1-1/16"-12 UN MALE BULKHEAD JIC	3FFH08-14/34SMB	149,1	5,87	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	14/ SAE	ISO 8434-2	3/4"-16 UN MALE BULKHEAD JIC	3FFH08-14/12S M	140,8	5,54	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	14/ SAE	ISO 8434-2	7/8"-14 UNF MALE BULKHEAD JIC	3FFH08-14/58S M	144,3	5,68	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	3FFH08 12GAS M	115,7	4,56	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	3FFH08 34GAS M	118,7	4,67	37	1,46	24,5	0,96	34	1,34	
1/2"	12,5	F NPTF	ANSI B1.20.3	NPTF 1/2 FEMALE	3FFH08 12NPT M	117,7	4,63	37	1,46	24,5	0,96	34	1,34	
5/8"	16	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	3FFH10 34SAE M	126,8	4,99	45	1,77	27	1,06	41	1,61	
5/8"	16	F NPTF	ANSI B1.20.3	NPTF 3/4 FEMALE	3FFH10 34NPT M	123,8	4,87	45	1,77	27	1,06	41	1,61	
3/4"	20	O/ SAE	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	3FFH12 34SAE M	128,4	5,06	46	1,81	29,95	1,18	42	1,65	
3/4"	20	O1/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	3FFH12-1/34S M	128	5,04	46	1,81	29,95	1,18	42	1,65	
3/4"	20	F BSPP	ISO 1179-1	BSPP 1 FEMALE	3FFH12 1GAS M	128,4	5,06	46	1,81	29,95	1,18	42	1,65	
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	3FFH12 34GAS M	128,4	5,06	46	1,81	29,95	1,18	42	1,65	



3FFH accessories

PVC dust caps



Caps suitable for FEMALE



Caps suitable for FEMALE

Size			Cap Details		Size			Plug Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
3/8"	10	06	TMF 38	orange	1/2"	12,5	08	TM 2FI12	orange
3/8"	10	06	TMF 38 B	blue	1/2"	12,5	08	TM 2FI12 N	black
3/8"	10	06	TMF 38 G	yellow	3/4"	20	12	TM 2FI34	orange
3/8"	10	06	TMF 38 N	black	3/4"	20	12	TM 2FI34 N	black
3/8"	10	06	TMF 38 R	red	3/4"	20	12	TM 2FI34 R	red
3/8"	10	06	TMF 38 V	green					

Aluminium dust caps



Caps suitable for FEMALE



Caps suitable for MALE

Size			Cap Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
3/8"	10	06	TM 2FN38 S		3/8"	10	06	TF 2FN38 S	
1/2"	12,5	08	TM 2FI12 S		1/2"	12,5	08	TF 2FI12 S	
3/4"	20	12	TM 2FI34 S		3/4"	20	12	TF 2FI34 S	

PVC dust caps



Caps suitable for MALE

Size			Cap Details	
inch	mm	dash	Part number	Colour
3/8"	10	06	TFF 38	orange
3/8"	10	06	TFF 38 B	blue
3/8"	10	06	TFF 38 G	yellow
3/8"	10	06	TFF 38 N	black
3/8"	10	06	TFF 38 R	red
3/8"	10	06	TFF 38 V	green
1/2"	12,5	08	TF 2FI12	orange
1/2"	12,5	08	TF 2FI12 B	blue
1/2"	12,5	08	TF 2FI12 N	black
1/2"	12,5	08	TF 2FI12 R	red
5/8"	16	10	TF 2FI58	orange
3/4"	20	12	TF 2FI34	orange
3/4"	20	12	TF 2FI34 N	black
3/4"	20	12	TF 2FI34 R	red

Acetal Resin (POM) dust caps



Caps suitable for FEMALE

Size			Cap Details	
inch	mm	dash	Part number	Colour
3/8"	10	06	TAF 38	blue
3/8"	10	06	TAF 38 G	yellow
3/8"	10	06	TAF 38 M UV	brown
3/8"	10	06	TAF 38 N	black
3/8"	10	06	TAF 38 R	red
3/8"	10	06	TAF 38 R UV	red
3/8"	10	06	TAF 38 UV	blue
3/8"	10	06	TAF 38 V	green
3/8"	10	06	TAF 38 V UV	green