

► **FEATURES**

- **Connection system:** pushing the male coupling
- **Disconnection system:** pulling back the sleeve
- **Shut-off system:** flat valve (male coupling with double valve)
- **Connectability:** without pressure
- **Disconnection under pressure:** not allowed
- **Interchangeability:** according to FASTER internal standard (3/8" size according to ISO 16028 and HTMA standard)
- Balls-bearing latching system
- Male couplings with double valve



Patent Application Pending

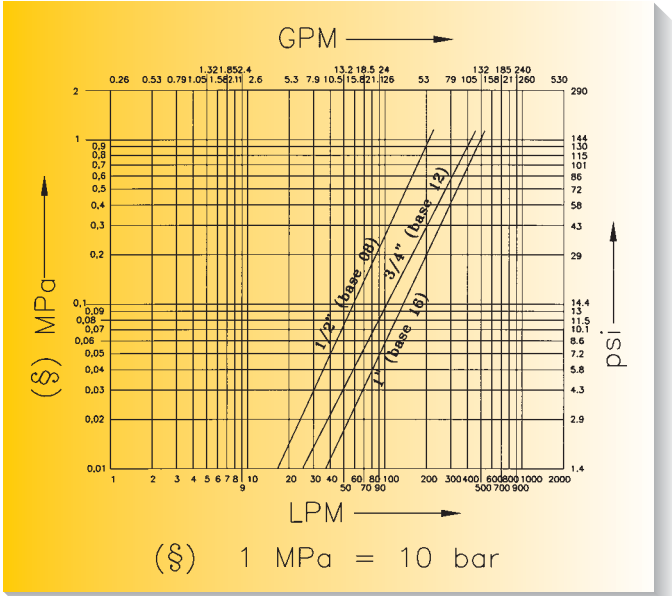
► **Technical data**



Size ❖	DN Nominal diameter		Rated flow		Force to connect		Max. work. pressure *		Minimum burst pressure						Fluid spillage cc max.	
	mm	inc.	l/min	GPM	N	lb	MPa	PSI	Connected		Male		Female			
									MPa	PSI	MPa	PSI	MPa	PSI		
3/8"	06	see 2FFN38 series page 6								see 2FFN38 series page 6						
1/2"	08	11	0,43	72	19	205	45,2	25	3625	115	16675	110	15950	100	14500	0,01
3/4"	12	16	0,63	150	39,7	240	52,9	25	3625	120	17400	130	18850	100	14500	0,02
1"	16	18	0,71	200	52,9	240	52,9	25	3625	110	15950	110	15950	100	14500	0,03

\*Safety factor = 1:4 - for static pressure safety factor 1:2  
 (▲) with 2FFN male couplings equivalent size

**Pressure drop graph:** test bench to ISO 7241-2 specifications with ISO VG 32 oil temperature at 40°C (104°F).  
**Materials:**  
 - Female in steel with carbonitrided wear parts.  
 - Male in high grade carbon steel, induction hardened.  
 - Valves in steel.  
 - Surface treatment: zinc plating and Cr III passivation.  
 - Springs in AISI and C98 steel.  
 - High resistance balls 100 C6.  
**Seals:**  
 Standard in oilproof NBR (Nitrile Rubber) and Polyurethane.  
 On request: Viton, Neoprene, EPDM or other seals.  
**Antiextrusion rings:**  
 In pure PTFE.  
**Working temperatures:**  
 with standard seals from -25°C (-13F°) to +100°C (+212F°).  
 For different temperature, the quick-release coupling will be supplied with the appropriate seals.

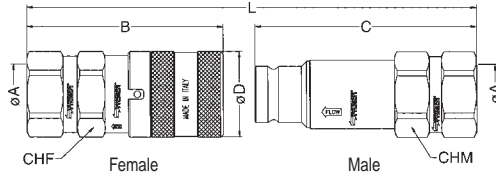


The descriptions and illustrations in this catalogue are for information only and are not binding.



Available items

Series **2FN**



Series	Female	Male	Thread Ø A	Standards	B		C		Ø D		L		CHF		CHM		Ø T		P		
					mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	
	see 2FFN38 series																				
	06	*2FFN12-7/1815 F	*2FFN12-7/1815 M	M 18x1,5	ISO 8434-1-L	95,9	3,78	100,2	3,94	40	1,57	178,6	7,03	34	1,34	32	1,26	12,2	0,48	26	1,02
	08	*2FFN12-7/2215 F	*2FFN12-7/2215 M	M 22x1,5	ISO 8434-1-L	95,9	3,78	100,2	3,94	40	1,57	178,6	7,03	34	1,34	32	1,26	15,2	0,60	26	1,02
	12	*2FFN34-7/2615 F	*2FFN34-7/2615 M	M 26x1,5	ISO 8434-1-L	112	4,41	125	4,92	48	1,89	216	8,50	41	1,61	41	1,61	18,2	0,72	30	1,18
	16	*2FFN1-7/302 F	*2FFN1-7/302 M	M 30x2	ISO 8434-1-L	112	4,41	125	4,92	48	1,89	216	8,50	41	1,61	41	1,61	22,2	0,87	32	1,26
	see 2FFN38 series																				
	06	*2FFN12-8/2415 F	*2FFN12-8/2415 M	M 24x1,5	ISO 8434-1-S	95,9	3,78	100,2	3,94	40	1,57	178,6	7,03	34	1,34	32	1,26	16,2	0,64	30	1,18
	12	*2FFN34-8/302 F	*2FFN34-8/302 M	M 30x2	ISO 8434-1-S	112	4,41	125	4,92	48	1,89	216	8,50	41	1,61	41	1,61	20,2	0,80	34	1,34
	16	*2FFN1-8/362 F	*2FFN1-8/362 M	M 36x2	ISO 8434-1-S	113	4,45	134	5,28	60	2,36	224,5	8,84	46	1,81	46	1,81	25,2	0,99	37	1,49
	06	see 2FFN38 series																			
	see 2FFN38 series																				
	08	*2FFN12-11/12S F	*2FFN12-11/12S M	13/16" UN	ISO 8434-3	82,7	3,26	87	3,43	40	1,57	152,2	5,99	32	1,26	32	1,26				
	08	*2FFN12-11/58S F	*2FFN12-11/58S M	1" UNS	ISO 8434-3	85,4	3,36	89,7	3,53	40	1,57	157,6	6,20	32	1,26	32	1,26				
	08	*2FFN12-11/34S F	*2FFN12-11/34S M	1" 3/16 UN	ISO 8434-3	86,9	3,42	91,2	3,59	40	1,57	160,6	6,32	32	1,26	32	1,26				
	12	*2FFN34-11/34S F	*2FFN34-11/34S M	1" 3/16 UN	ISO 8434-3	103	4,06	116	4,57	48	1,89	198	7,80	42	1,65	42	1,65				
16	*2FFN1-11/1S F	*2FFN1-11/1S M	1" 7/16 UN	ISO 8434-3	104,5	4,11	123	4,84	60	2,36	205	8,07	46	1,81	46	1,81					
	see 2FFN38 series																				
	08	*2FFN12-12/12S F	*2FFN12-12/12S M	13/16" UN	ISO 8434-3	108,4	4,27	112,7	4,44	40	1,57	203,6	8,02	32	1,26	32	1,26			36,5	1,44
	08	*2FFN12-12/58S F	*2FFN12-12/58S M	1" UNS	ISO 8434-3	108,4	4,27	112,7	4,44	40	1,57	203,6	8,02	32	1,26	32	1,26			40,5	1,59
	08	*2FFN12-12/34S F	*2FFN12-12/34S M	1" 3/16 UN	ISO 8434-3	109,4	4,31	113,7	4,48	40	1,57	205,6	8,09	32	1,26	32	1,26			41,5	1,63
	12	*2FFN34-12/34S F	*2FFN34-12/34S M	1" 3/16 UN	ISO 8434-3	125,3	4,93	138,5	5,45	48	1,89	242,8	9,56	41	1,61	41	1,61			41,5	1,63
	12	*2FFN34-12/1S F	*2FFN34-12/1S M	1" 7/16 UN	ISO 8434-3	126	4,96	138,5	5,45	48	1,89	243,5	9,59	41	1,61	41	1,61			42	1,65
	16	*2FFN1-12/1S F	*2FFN1-12/1S M	1" 7/16 UN	ISO 8434-3	126	4,96	145	5,71	60	2,36	248,5	9,78	46	1,81	46	1,81			42	1,65
	see 2FFN38 series																				
	08	*2FFN12-13/12S F	*2FFN12-13/12S M	3/4" UNF	ISO 8434-2	87	3,43	91	3,58	40	1,57	160,5	6,32	32	1,26	32	1,26				
	08	2FFN34-13/34S F	2FFN34-13/34S M	1" 1/16 UN	ISO 8434-2	107,8	4,24	121	4,76	48	1,89	207,8	8,18	42	1,65	42	1,65				
	08	*2FFN1-13/1S F	*2FFN1-13/1S M	1" 5/16 UN	ISO 8434-2	110	4,33	129	5,08	60	2,36	216,5	8,52	46	1,81	46	1,81				
	06	see 2FFN38 series																			
	see 2FFN38 series																				
	08	*2FFN12-14/12S F	*2FFN12-14/12S M	3/4" UNF	ISO 8434-2	109,9	4,33	114,3	4,50	40	1,57	206,7	8,14	34	1,34	34	1,34			36,6	1,44
	08	*2FFN12-14/58S F	*2FFN12-14/58S M	7/8" UNF	ISO 8434-2	109,9	4,33	114,3	4,50	40	1,57	206,7	8,14	34	1,34	34	1,34			40,1	1,58
	08	*2FFN12-14/34S F	*2FFN12-14/34S M	1" 1/16 UN	ISO 8434-2	114,3	4,50	118,7	4,67	40	1,57	215,5	8,48	34	1,34	34	1,34			44,4	1,75
	12	*2FFN34-14/34S F	*2FFN34-14/34S M	1" 1/16 UN	ISO 8434-2	130,2	5,13	143,4	5,65	48	1,89	252,6	9,94	41	1,61	41	1,61			44,4	1,75
16	*2FFN1-14/1S F	*2FFN1-14/1S M	1" 5/16 UN	ISO 8434-2	132	5,20	151	5,94	60	2,36	260,5	10,26	46	1,81	46	1,81			44,4	1,75	
	see 2FFN38 series																				
	08	*2FFN12-16/12G F	*2FFN12-16/12G M	1/2" BSP	DIN 3863	83,9	3,30	88,2	3,47	40	1,57	154,6	6,09	32	1,26	32	1,26				
	08	*2FFN12-16/1815 F	*2FFN12-16/1815 M	M 18x1,5	DIN 3863	83,9	3,30	88,2	3,47	40	1,57	154,6	6,09	32	1,26	32	1,26				
	08	*2FFN12-16/2015 F	*2FFN12-16/2015 M	M 20x1,5	DIN 3863	83,9	3,30	88,2	3,47	40	1,57	154,6	6,09	32	1,26	32	1,26				
	08	*2FFN12-16/2215 F	*2FFN12-16/2215 M	M 22x1,5	DIN 3863	83,9	3,30	88,2	3,47	40	1,57	154,6	6,09	32	1,26	32	1,26				
	12	*2FFN34-16/2615 F	*2FFN34-16/2615 M	M 26x1,5	DIN 3863	102	4,02	115	4,53	48	1,89	196	7,72	41	1,61	41	1,61				
	16	*2FFN1-16/302 F	*2FFN1-16/302 M	M 30x2	DIN 3863	103	4,06	122	4,80	60	2,36	202,5	7,97	46	1,81	46	1,81				

❖ ISO size GAS = BSP \*On request



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