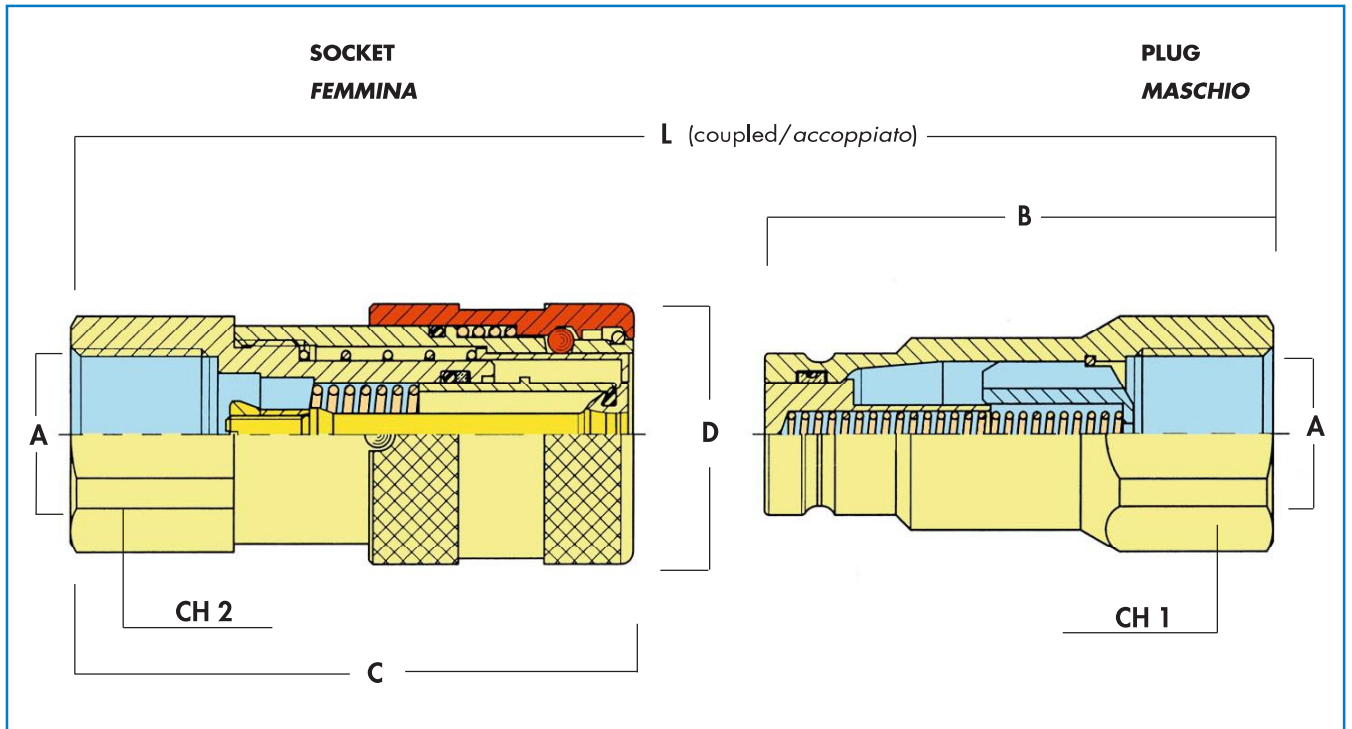


# SERIES F SERIE F



## DIMENSIONS / DIMENSIONI

SIZE BASE	$\varnothing$ DN mm	CODE / CODICE		$\varnothing A^*$	B		C		$\varnothing D$		L		Ch1		Ch2	
		PLUG MASCHIO	SOCKET FEMMINA		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
04	7	FM10-04	FF10-04	1/4" BSP	48,0	1.89	48,0	1.89	28	1.10	85,5	3.37	22	0.87	22	0.87
		FM15-04	FF15-04	1/4" NPTF												
		FM18-04	FF18-04	1/4" BSPT												
06	9	FM10-06	FF10-06	3/8" BSP	60,0	2.36	64,5	2.54	32	1.26	109	4.29	24	0.94	27	1.06
		FM15-06	FF15-06	3/8" NPTF												
		FM18-06	FF18-06	3/8" BSPT												
06	9	FM10-08	FF10-08	1/2" BSP	62,5	2.46	69,5	2.74	32	1.26	117	4.59	27	1.06	27	1.06
		FM15-08	FF15-08	1/2" NPTF												
		FM18-08	FF18-08	1/2" BSPT												
08	13	FM20-08	FF20-08	1/2" BSP	68,0	2.68	73,5	2.89	38	1.50	125	4.92	32	1.26	32	1.26
		FM25-08	FF25-08	1/2" NPTF												
		FM28-08	FF28-08	1/2" BSPT												
08	13	FM10-12	FF10-12	3/4" BSP	70,5	2.78	80,5	3.17	38	1.50	135	5.30	36	1.42	36	1.42
		FM15-12	FF15-12	3/4" NPTF												
		FM18-12	FF18-12	3/4" BSPT												
12	15	FM20-12	FF20-12	3/4" BSP	70,5	2.78	78,0	3.07	42	1.65	132	5.20	36	1.42	36	1.42
		FM25-12	FF25-12	3/4" NPTF												
		FM28-12	FF28-12	3/4" BSPT												
16	17	FM10-16	FF10-16	1" BSP	82,5	3.25	92,5	3.64	48	1.89	154	6.06	45	1.77	45	1.77
		FM15-16	FF15-16	1" NPTF												
		FM18-16	FF18-16	1" BSPT												
20	21	FM10-20	FF10-20	1.1/4" BSP	90,0	3.54	105,0	4.13	55	2.17	173	6.81	55	2.17	55	2.17
		FM15-20	FF15-20	1.1/4" NPTF												
		FM18-20	FF18-20	1.1/4" BSPT												
24	30	FM10-24	FF10-24	1.1/2" BSP	111,0	4.37	133,0	5.22	80	3.15	215	8.46	70	2.76	65	2.56
		FM15-24	FF15-24	1.1/2" NPTF												
		FM18-24	FF18-24	1.1/2" BSPT												
32	45	FM10-32	FF10-32	2" BSP	125,0	4.92	165,0	6.50	100	3.94	250	9.84	75	2.95	80	3.15
		FM15-32	FF15-32	2" NPTF												
		FM18-32	FF18-32	2" BSPT												

\* Other threads available on request  
Ulteriori filettature disponibili a richiesta

## MAIN DATA:

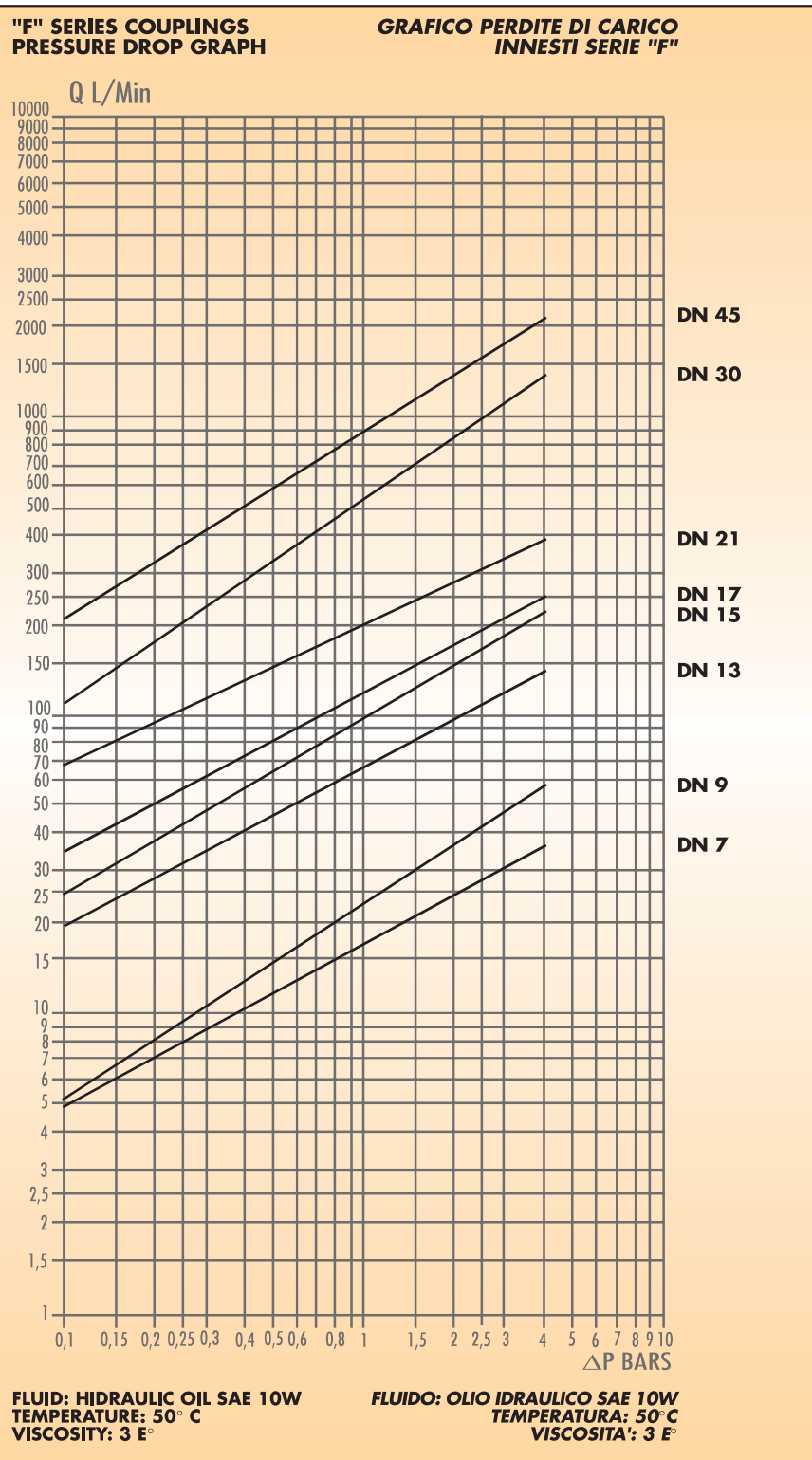
Series F flat face couplings are adopted on the most diversified hydraulic and industrial applications. The F series flat face design offers important technical advantages:

- Perfect sealing of plug and socket both when coupled and uncoupled.
- Extremely low spillage during connection and disconnection.
- No inclusion of air or external media during connection and disconnection.
- The flat faces are easy to clean.
- Sleeve with a safety device preventing from accidental disconnection
- Standard seals in nitril rubber
- Antiextrusion ring in teflon
- Working temperature with standard seals: -20° C/ +110° C.
- Body size  $\frac{3}{8}$  (DN 9) is interchangeable according to HTMA design
- Special seals on request: Viton and EPDM

## CARATTERISTICHE PRINCIPALI:

Gli innesti a facce piane serie F trovano applicazione in molti settori oleodinamici e industriali, offrendo tutti i vantaggi tipici di questo concetto costruttivo:

- Tenuta totale con innesti separati e accoppiati
- Perdite di fluido bassissime nelle fasi di accoppiamento e sgancio.
- Nessuna intrusione di agenti esterni durante le connessioni
- Facile pulizia delle superfici di accoppiamento
- Ghiera con sistema anti-sgancio
- Guarnizioni standard in gomma nitrilica
- Anelli antiestrusione in teflon
- Temperature d'esercizio con guarnizioni standard: -20° C/ +110° C
- Misura  $\frac{3}{8}$  (DN 9) intercambiabile secondo norme HTMA
- Guarnizioni speciali a richiesta: Viton e EPDM



## PERFORMANCES / PRESTAZIONI

SIZE BASE	Ø DN mm	MAX. WORK PRESSURE		MIN. BURST PRESSURE / PRESSIONE SCOPPIO						WEIGHT / PESO				FORCE TO CONNECT FORZA AGGANCIO	
		bar	psi	COUPLED/ACCOPIATO		PLUG/MASCHIO		SOCKET/FEMMINA		PLUG/MASCHIO		SOCKET/FEMMINA		kg	lbs
04	7	300	4350	1200	17400	1200	17400	600	8700	0,045	0,100	0,080	0,18	18	40,00
06	9	300	4350	1200	17400	1200	17400	600	8700	0,055	0,122	0,150	0,33	17	37,78
06	9	300	4350	1200	17400	1200	17400	600	8700	0,090	0,200	0,270	0,60	17	37,78
08	13	250	3625	1000	14500	1000	14500	400	5800	0,090	0,200	0,270	0,60	18	40,00
08	13	250	3625	1000	14500	1000	14500	400	5800	0,185	0,410	0,465	1,03	18	40,00
12	15	250	3625	1000	14500	900	13050	450	6525	0,185	0,410	0,465	1,03	20	44,44
16	17	250	3625	850	12325	920	13340	550	7975	0,270	0,600	0,720	1,60	25	55,56
20	21	250	3625	850	12325	920	13340	470	6815	0,600	1,330	1,250	2,78	31	68,89
24	30	200	2900	700	10150	700	10150	300	4350	0,900	2,000	2,100	4,67	43	95,56
32	45	180	2610	700	10150	700	10150	500	7250	1,450	3,220	4,150	9,22	50	111,11