



VALUES FIRST. **FASTER**[®]

INNOVATION TECHNOLOGY RESEARCH SAFETY COMMUNICATION LEADERSHIP



FFH INNESTI A FACCIA PIANA FFH PER ALTE PRESSIONI

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INNOVATION



TECHNOLOGY



RESEARCH

FFH

HIGH PRESSURE FLAT-FACE



difast

La nuova serie di innesti rapidi faccia piana **FFH** è notevolmente superiore alle prestazioni della serie FFL.

La serie **FFH** ha superato le prestazioni richieste dalla norma ISO 16028.

La pressione massima di esercizio è stata notevolmente elevata a **350 bar** di esercizio mentre le portate sono notevolmente migliorate di circa il 30%.

Gli innesti rapidi **FFH** hanno superato i test ad impulsi per verificare la loro resistenza ai picchi di pressione.

Un ulteriore miglioramento è il trattamento di protezione della superficie trattata con **Zinco-Nichel** che ne migliora la resistenza alla corrosione (**500h** min in nebbia salina).

News



TECHNICAL DATA

Nominal Size			Max Working Pressure (*)	Impulse Test Pressure (****)	Flow Rate (**)	Burst Pressures (***)		
Dash	mm	inch				Connected	Male	Female
02	3.2	1/8"	35	46	12	180	170	140
04	6.3	1/4"	35	46	25	180	170	140
06	10	3/8"	35	46	50	170	170	140
08	12.5	1/2"	35	46	110	170	140	140
10	16	5/8"	35	46	125	140	140	140
12	19	3/4"	35	46	160	140	140	140

(*) Safety factor 1:4 (dynamic condition) applied on the minimum burst pressure

(**) Suggested flow rate (corresponding to 0,2 MPa pressure drop) with ISO VG32 hydraulic fluid

(***) 1 MPa = 145 PSI = 10 Bar

(****) 1.000.000 cycles connected - 100.000 cycles disconnected



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



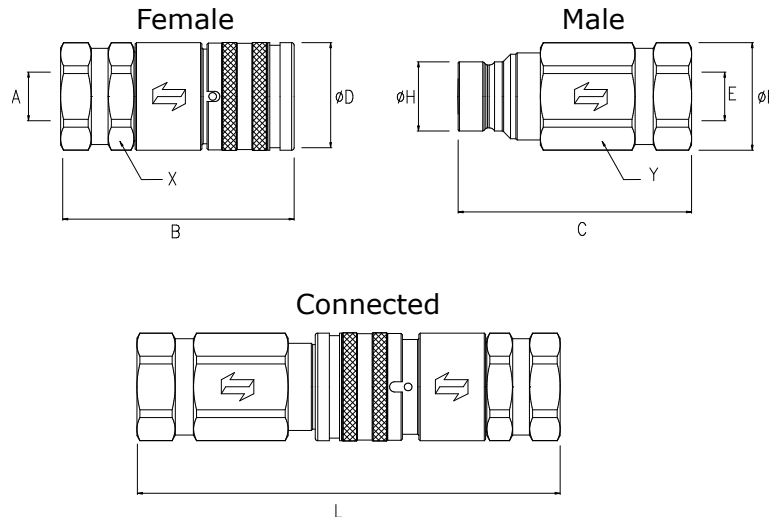
SAFETY



COMMUNICATION



LEADERSHIP



FEMALE COUPLINGS

Nominal Size			Part Number	Thread Size (A)	Lenght (B)	Sleeve (D)	Hexagon (X)
Dash	mm	inch					
02	3.2	1/8"	FFH02 18 GAS F	1/8" BSP Female	46	20	18
04	6.3	1/4"	FFH04 14 GAS F	1/4" BSP Female	59	27	24
06	10	3/8"	FFH06 38 GAS F	3/8" BSP Female	75	30	27
08	12.5	1/2"	FFH08 12 GAS F	1/2" BSP Female	81	38	34
10	16	5/8"	FFH10 58 GAS F	5/8" BSP Female	91	42	38
12	19	3/4"	FFH12 34 GAS F	3/4" BSP Female	100	48	42

MALE COUPLINGS

Nominal Size			Part Number	Thread Size (A)	Lenght (C)	Total Lenght (L) Connected	Diameter (H)	Hexagon (Y)	Diameter (F)
Dash	mm	inch							
02	3.2	1/8"	FFH02 18 GAS M	1/8" BSP Female	44	B + C - 10	11.6	16	18
04	6.3	1/4"	FFH04 14 GAS M	1/4" BSP Female	49	B + C - 11	16.1	24	26
06	10	3/8"	FFH06 38 GAS M	3/8" BSP Female	68	B + C - 16	19.7	30	33
08	12.5	1/2"	FFH08 12 GAS M	1/2" BSP Female	78	B + C - 17	24.5	34	37
10	16	5/8"	FFH10 58 GAS M	5/8" BSP Female	91	B + C - 17	27	41	45
12	19	3/4"	FFH12 34 GAS M	3/4" BSP Female	102	B + C - 22	29.9	42	46

Other adaptor threads are available on request

FURTHER INFORMATION

Test Specifications:

According to ISO 7241-2 standards

Materials:

- Female in steel with carbonitrided wearing parts
- Male in high grade carbon steel induction hardened
- Standard seals in Nitrile Rubber (NBR) and Polyurethane
- Back-up ring in PTFE
- Zinc - Nickel plating

Temperature Range:

From -25°C to +100°C (with standard seals)