

HFT SERIES

SCREW COUPLINGS FOR HIGH PRESSURE PULSE APPLICATIONS

CONNECT AND DISCONNECT UNDER PRESSURE

INTRODUCTION

Holmbury HFT Series, Screw Couplings have been developed as improved replacements for Holmbury VEP Series couplings. They are ideal for systems subjected to high pressure pulses since they are immune to Brinelling.

ADVANTAGES

- ★ Lower price than VEP couplings.
- ★ Higher flow and lower pressure drop than VEP couplings.
- ★ Zinc nickel surface finish rated for 280 hours to white rust in salt spray tests.
- ★ Dimensionally interchangeable with Holmbury VEP Series screw couplings.
- ★ Screw thread connection eliminates Brinelling.
- ★ Sleeve on female can be pushed back for access to the mating face.
- ★ Flat mating faces of both the male and female are easily wiped clean to prevent the ingress of contaminants.
- ★ Non-spill design avoids fluid loss during connection and disconnection.
- ★ Connect with up to 350 bar residual pressure in the line.

APPLICATIONS

Hand held and excavator mounted breakers, shears, augers, trenchers and all systems subject to high pressure pulses. Any system where connection needs to be made with up to 350 bar residual pressure. All systems where the security of a screw connector is needed. Plant and equipment where non-spill disconnection is essential.

MATERIALS

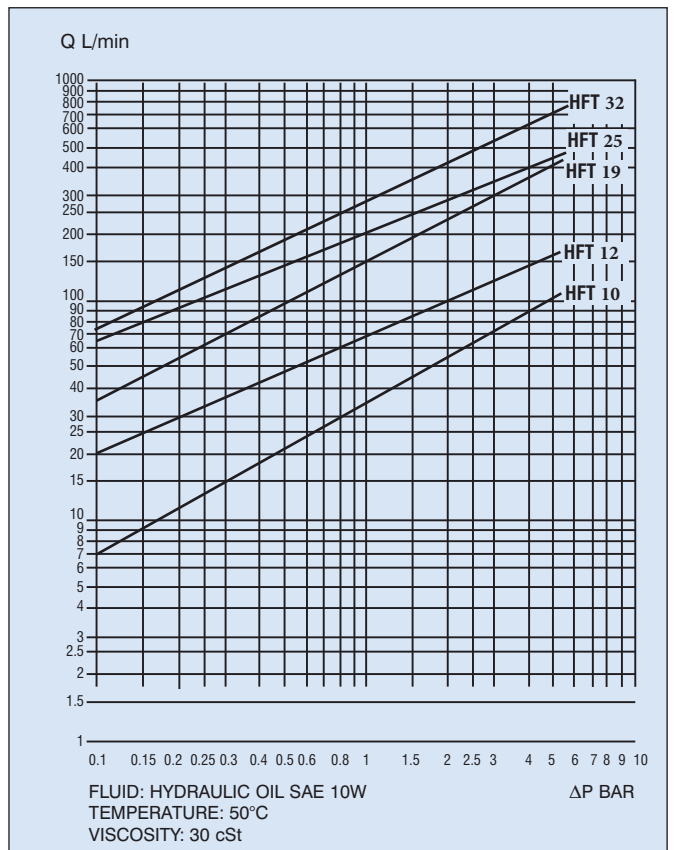
Carbon steel body with zinc nickel finish. Nitrile seals.

PRESSURE RATINGS

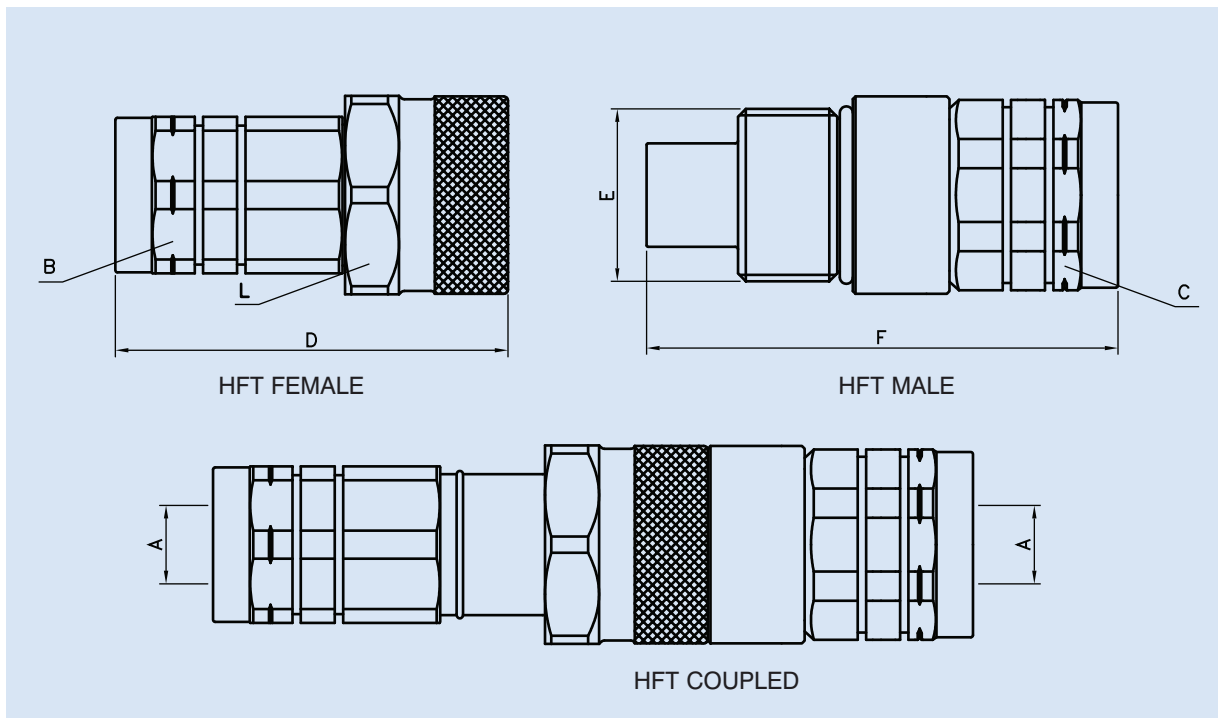
Size	Body Size	Max working pressure	Burst pressure male	Burst pressure female	Burst pressure coupled
HFT10	10	550	1400	1000	1800
HFT12	12	550	1350	1000	1700
HFT19	19	550	1350	1000	1400
HFT25	25	500	1300	1000	1300
HFT32	32	400	1100	800	1100



PRESSURE DROP CHARACTERISTICS



HFT SERIES, SCREW COUPLINGS



Size	A*	B	C	D	E	F	L
HFT 10 - 06	3/8"	30	27	70	M33 x 2	82	38
HFT 10 - 08	1/2"	30	27	75	M33 x 2	82	38
HFT 12 - 08	1/2"	36	36	85	M40 x 3	95	46
HFT 12 - 12	3/4"	36	36	85	M40 x 3	95	46
HFT 19 - 16	1"	46	46	101	M50 x 3	101	55
HFT 25 - 20	1 1/4"	55	55	108	M58 x 3	130	65
HFT 32 - 24	1 1/2"	80	65	133.5	M80 x 4	133.5	85

* Dimensions for BSP and NPT threads. SAE threads available, see Order Codes below

ORDER CODES

HFT 12 - F - 08 G	
HFT = Series type	Any other necessary information
Body Size 10, 12, 19, 25, 32	Blank = Nitrile seals
M = Male coupling F = Female coupling	Blank = female thread
Thread size based on dash system 06 = 3/8" 16 = 1" 08 = 1/2" 20 = 1 1/4" 12 = 3/4" 24 = 1 1/2"	Thread form G = BSP P N = NPT F S = SAE
	Example: HFT 12-F-08G HFT Series female coupling, body size 12, 1/2" BSP female thread, nitrile seals