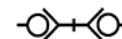


HIGH PRESSURE - quick release couplings

Screw to connect couplings



HQ HFT (3/8" ÷ 1")

Standard:	Producer's standard
Applications:	Hydraulics (hydraulic oil)
Working press.:	Up to 550 bar
Material:	Steel with zinc-nickel coating
Seal:	NBR (from -40°C up to +106°C)
Advantages:	Dry-break, screw to connect couplings

Dry-break, screw to connect couplings. Reliably serve all applications where high pressure impulses occur. An additional o-ring on the coupling body prevents untwisting incidents caused by vibration. The coupling can be connected at residual pressure up to 350 bar. The quick release couplings are plated with zinc-nickel coating which provides several times better corrosion resistance than sole zinc-plating.

Socket 	size [inch]	female thread [inch]	thread M [mm]	code
	3/8	3/8 BSP	M33x2	HQ-HFT10-F-06G
		1/2 BSP		HQ-HFT10-F-08G
	1/2	1/2 BSP	M40x3	HQ-HFT12-F-08G
		3/4 BSP		HQ-HFT12-F-12G
	3/4	1 BSP	M50x3	HQ-HFT19-F-16G
	1	1.1/4 BSP	M58x3	HQ-HFT25-F-20G

Plug 	size [inch]	female thread [inch]	thread M [mm]	code
	3/8	3/8 BSP	M33x2	HQ-HFT10-M-06G
		1/2 BSP		HQ-HFT10-M-08G
	1/2	1/2 BSP	M40x3	HQ-HFT12-M-08G
		3/4 BSP		HQ-HFT12-M-12G
	3/4	1 BSP	M50x3	HQ-HFT19-M-16G
	1	1.1/4 BSP	M58x3	HQ-HFT25-M-20G

Blank plugs/caps 	size [inch]	material	code	
	3/8	aluminium	socket blank plug	plug blank cap
			HQ-HFT10-F-PLUG	HQ-HFT10-M-CAP
	1/2		HQ-HFT12-F-PLUG	HQ-HFT12-M-CAP
	3/4		HQ-HFT19-F-PLUG	HQ-HFT19-M-CAP
	1		HQ-HFT25-F-PLUG	HQ-HFT25-M-CAP

Operating parameters

size [inch]	working pressure [bar]	bursting pressure [bar] (connected coupling)	flow rate at Δp = 3 bar [l/min]
3/8	550	1400	51
1/2	550	1400	85
3/4	500	1400	186
1	470	1300	294