

# MEASURING SYSTEMS - diagnostic quick release couplings

## Quick release couplings ISO 15171-1



### PERFECTING (1/8")

**Standard:** ISO 15171-1  
**Application:** High pressure hydraulics (hydraulic oil)  
**Working press.:** Up to 400 bar  
**Material:** Zinc-plated steel  
**Seal:** NBR (from -40°C up to +120°C)

Diagnostic quick release couplings intended to measure pressure in hydraulic systems. Disconnected plugs (as a standard permanently fixed in the hydraulic system) handle the maximum working pressure. The connection and disconnection of the quick release couplings under pressure is not allowed (permitted if the system is off and without pressure). Interchangeable with quick release couplings according to ISO 15171-1 of other producers.

#### Socket

picture	code	size [inch]	thread size [inch]	working pressure [bar]	bursting pressure [bar]	flow at $\Delta p = 3$ bar [l/min]
	PC-1PDF1	1/8	1/8 NPT female	400	1300	4.4
	PC-1PDF2		1/4 NPT female			
	PC-1PDM2		1/4 NPT male			

#### Plug

picture	code	size [inch]	thread size [inch]	working pressure [bar]	bursting pressure [bar]	flow at $\Delta p = 3$ bar [l/min]
	PC-PD1F1	1/8	1/8 NPT female	400	1300*	4.4
	PC-PD1F2		1/4 NPT female			
	PC-PD1M1		1/8 NPT male			
	PC-PD1M2		1/4 NPT male			

\* - the bursting pressure of a disconnected plug: 1600 bar

#### Dust cap

picture	code	size [inch]	material
	PC-PH1DC	1/8	NBR