

QD2 Female Quick Disconnect No-Spill Coupling, Male Threaded, 1/4 NPT

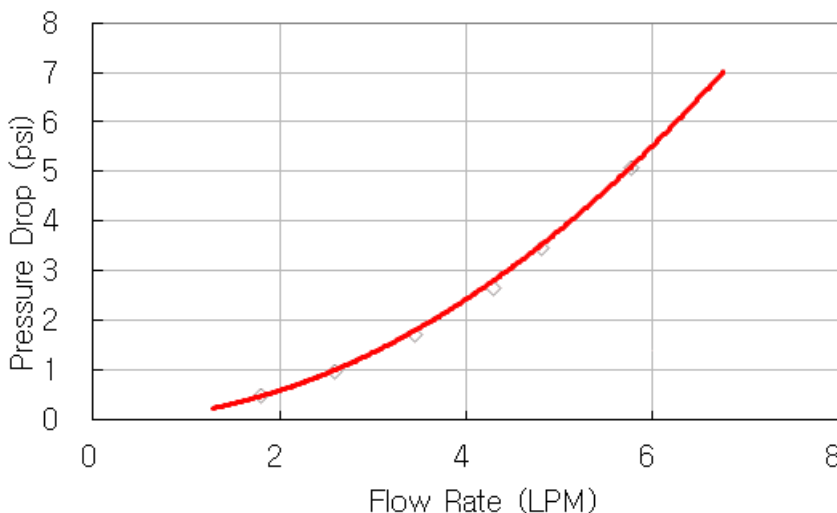


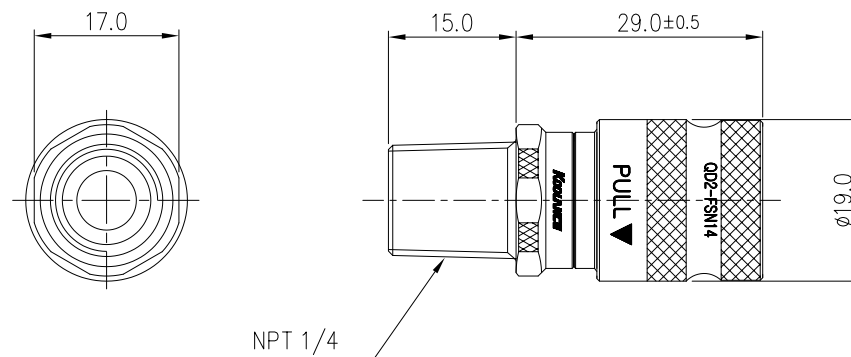
Koolance patented quick disconnect no-spill coupling with automatic shutoff. 1/4 NPT (tapered) thread for screwing directly into a component of the same threading. It will only fit a Koolance QD2 male quick disconnect.

After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm² (7psi).


General	
Weight	0.08 lb (0.04 kg)
Fitting Thread	NPT 1/4
Max No-Spill Pressure	0.5kgf/cm ² (7psi)
Max Pressure Tolerance @ 25°C	8kgf/cm ² (113.8psi) connected, 5kgf/cm ² (71psi) disconnected
Max Temperature Tolerance	80°C (176°F)
Min Pressure Tolerance @ 25°C	-1.0kgf/cm ² (-14psi)
Min Storage Temperature (*No Freezing)	-20°C (-4°F)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, EPDM

QD2 (One Pair)





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY	
REVISION						

NO.		DISCRIPTION					MATER'L		QUANTITY	REMARKS			
					DECIMAL PLACES	INCHES	MILLIMETRES	UNIT	MM	ITEM	QD2 SHORT		
					.XXX	±.005	±0.1	SCALE	N/S	TITLE	QD2-FSN14		
					.XX	±.010	±0.3						
					.X	±.020	±0.5						
DATE	BY	BY	BY	APPRO BY	ANGULAR DIMENSIONS			3RD ANGLE					
	SONG				XX°	±0.5°		CODE NO.		DWG. NO.	PAGE		
					XX.X°	±0.1°							
					SURFACE ROUGHNESS	SURFACE	SURFACE						
						.63	1.6						