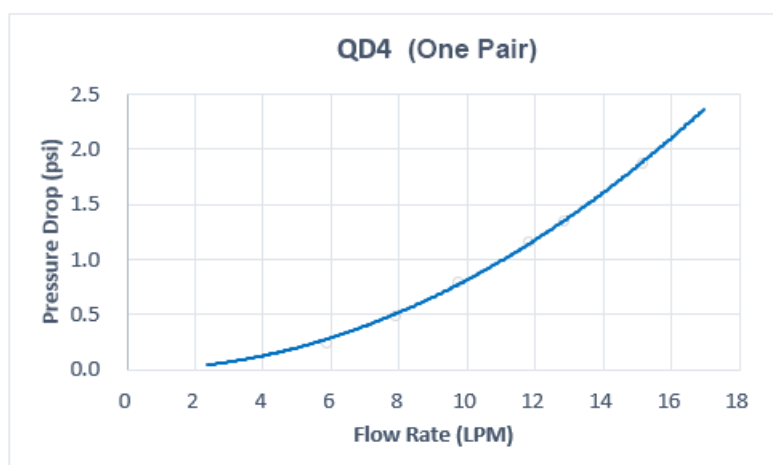


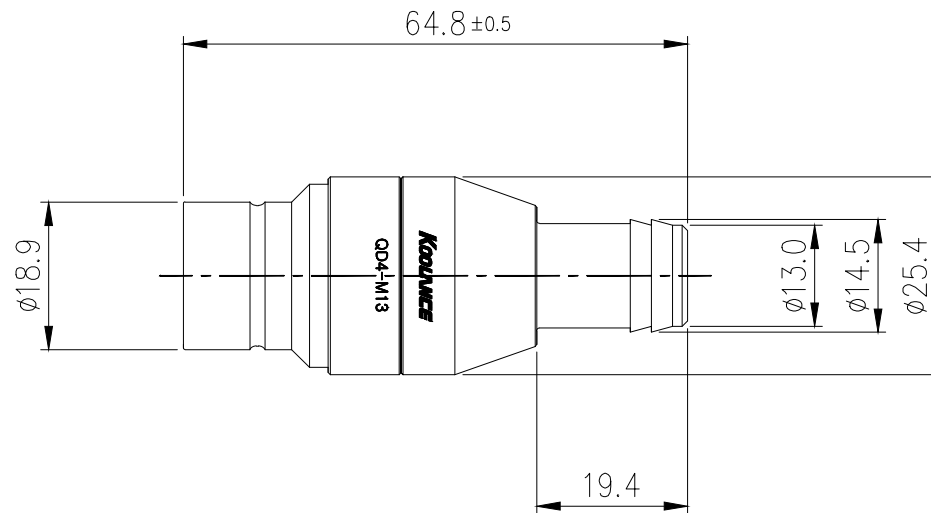
**QD4 Male Quick Disconnect No-Spill Coupling,
Barb for ID 13mm (1/2in)**


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID male hose barb with clamp for 16mm (5/8in) OD. It will only fit a Koolance QD4 female 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	0.28 lb (0.13 kg)
Max No-Spill Pressure	0.5kgf/cm ² (7psi)
Max Pressure Tolerance @ 25° C	8kgf/cm ² (113.8psi)
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	Brass, Nickel Plating, Stainless Steel, EPDM





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY
REVISION					

NO.		DISCRIPTION			MATER'L		QUANTITY	REMARKS
		Koolance			UNIT	MM	ITEM	QD4
		DECIMAL PLACES	INCHES	MILLIMETRES	SCALE	N/S	TITLE	QD4-M13
		.XXX .XX .X	±.005 ±.010 ±.020	±0.1 ±0.3 ±0.5				
DATE	BY	BY	BY	APPRO BY	ANGULAR DIMENSIONS		3RD ANGLE	
					XX° XX.X°	±0.5° ±0.1°	CODE NO.	DWG. NO.
					SURFACE ROUGHNESS	SURFACE .63 SURFACE 1.6	PAGE	