

**QD3 Female Quick Disconnect No-Spill Coupling, Compression for 13mm x 19mm (1/2in x 3/4in)**



Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID, 19mm (3/4in) OD female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.

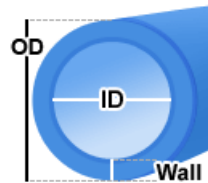
After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with only 0.5-1mL freed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm<sup>2</sup> (7psi).

**Intended Tubing Size**

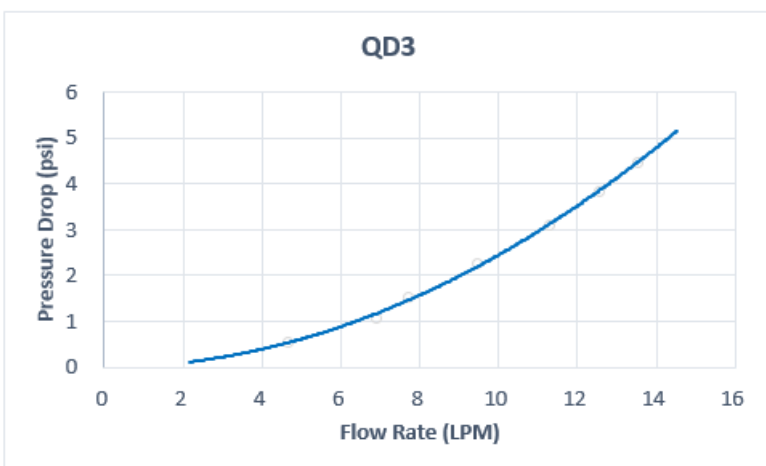
**ID:** 13mm (1/2")

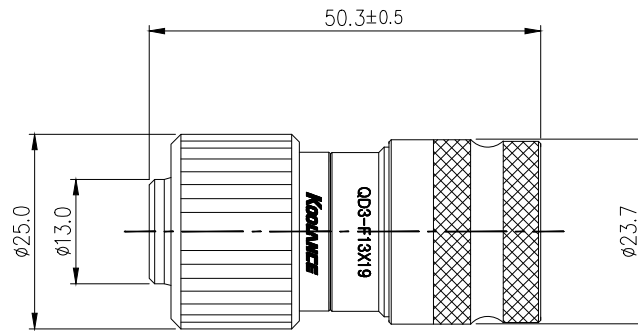
**OD:** 19mm (3/4")

**Wall:** 3mm (1/8")



General	
Weight	0.23 lb (0.10 kg)
Materials	Brass, Nickel Plating, Stainless Steel, EPDM
Max Pressure @ 25 °C	8kgf/cm <sup>2</sup> (113.8psi)
Max Temp. Operating Tolerance	100°C (212°F)





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION

NO.	DISCRIPTION			MATER'L		QUANTITY	REMARKS
				UNIT	MM	ITEM	QD3
				SCALE	N/S	TITLE	QD3-F13X19
						3RD ANGLE	
						CODE NO.	DWG. NO.
							PAGE

DECIMAL PLACES	INCHES	MILLIMETRES
.XXX	±.005	±0.1
.XX	±.010	±0.3
.X	±.020	±0.5

ANGULAR DIMENSIONS		
XX°	±0.5°	
XX.X°	±0.1°	

SURFACE ROUGHNESS	SURFACE	SURFACE
	.63	1.6