

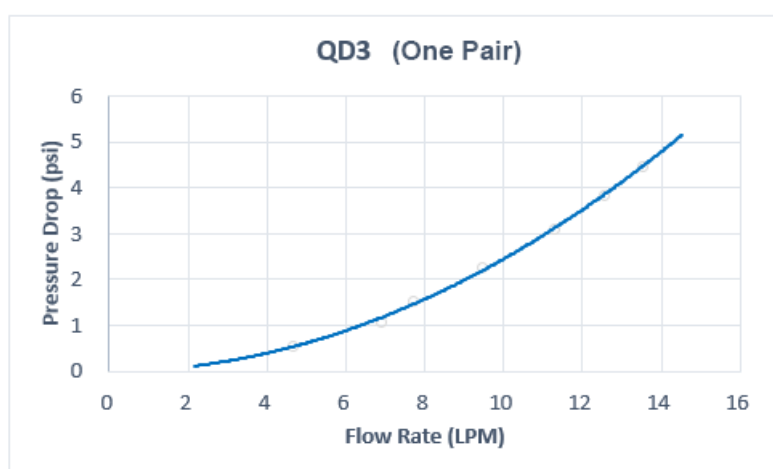
QD3 Male Quick Disconnect No-Spill Coupling, Compression for 10mm x 16mm (3/8in x 5/8in)

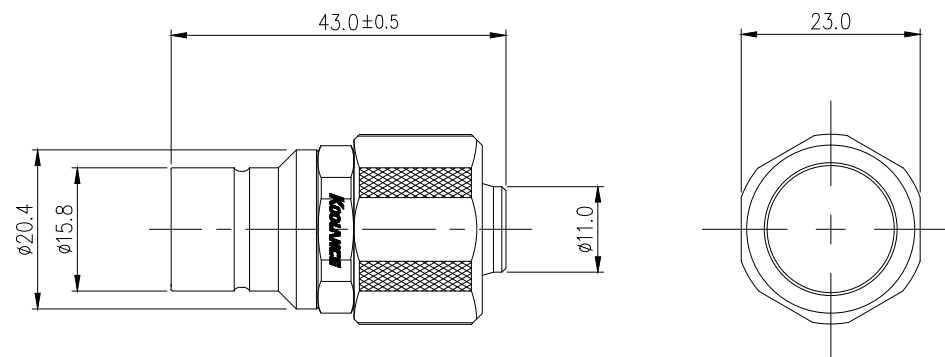


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID, 16mm (5/8in) OD male straight connection with compression fitting. It will only fit a Koolance QD3 female quick disconnect.


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	0.16 lb (0.07 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
		DECIMAL PLACES		INCHES	MILLIMETRES	UNIT	MM	QD3		
		.XXX		±.005	±0.1	SCALE	N/S	ITEM	QD3-MS10X16 QD3-MS10X16-BK	
		.XX		±.010	±0.3					
		.X	±.020	±0.5						
		ANGULAR DIMENSIONS			3RD ANGLE					
DATE	BY	BY	BY	APPRO BY				CODE NO.	DWG. NO.	PAGE
	SONG									
		XX°		±0.5°						
		XX.X°		±0.1°						
		SURFACE ROUGHNESS		SURFACE	SURFACE					
				.63	1.6					