

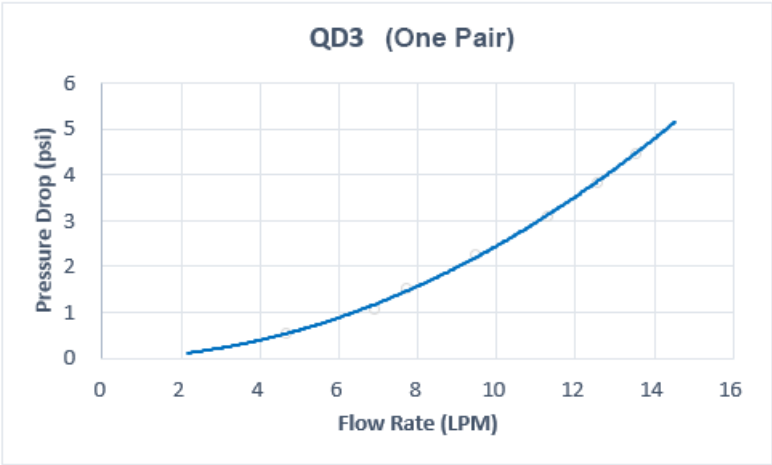
**QD3 Male Quick Disconnect No-Spill Coupling,
Compression for 10mm x 16mm (3/8in x 5/8in)**

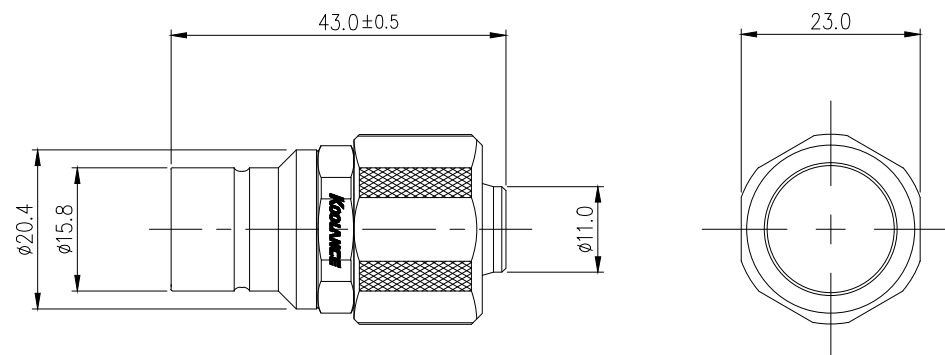


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID, 16mm (5/8in) OD male straight connection with compression fitting. It will only fit a Koolance QD3 female quick disconnect.


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/cm2 (7psi)
Max Pressure Tolerance @ 25° C	8kgf/cm2 (113.8psi)
Max Temperature Tolerance	80° C (176° F)
Min Pressure Tolerance @ 25° C	-1.0kgf/cm2 (-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
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NO.		DISCRIPTION				MATER'L		QUANTITY	REMARKS	
		DECIMAL PLACES		INCHES	MILLIMETRES	UNIT	MM	QD3		
		.XXX		±.005	±0.1	SCALE	N/S	ITEM	QD3-MS10X16	
		.XX		±.010	±0.3					
		.X	±.020	±0.5				QD3-MS10X16-BK		
		ANGULAR DIMENSIONS			3RD ANGLE					
DATE		XX"		±0.5"		CODE NO.			DWG. NO.	PAGE
		XX.X"		±0.1"						
SONG										
		SURFACE ROUGHNESS		SURFACE	SURFACE					
				.63	1.6					