

QD3 Male Quick Disconnect No-Spill Coupling, Panel Barb for ID 10mm (3/8in)

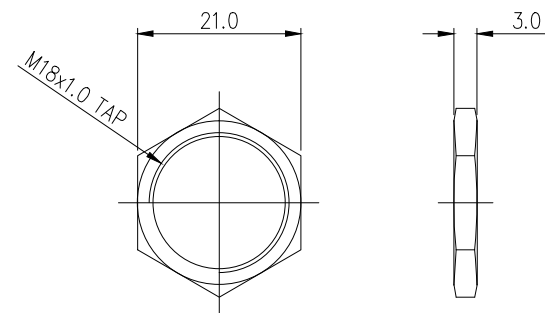
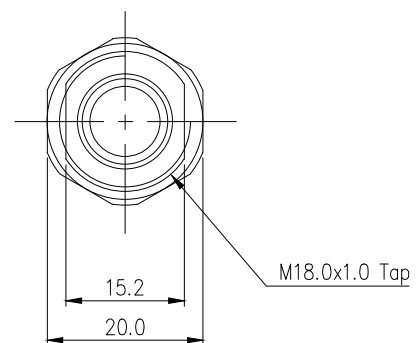
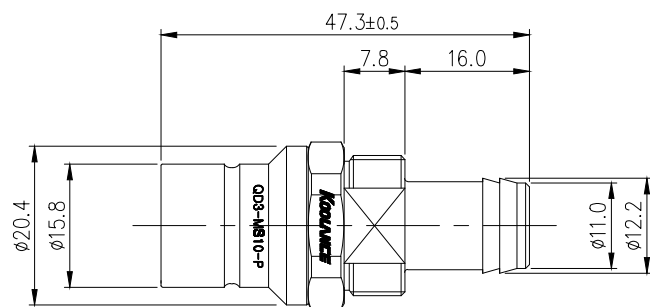


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID male panel-mountable hose barb with clamp for 13mm (1/2in) OD. It will only fit a Koolance QD3 female quick disconnect.

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	0.13 lb (0.06 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





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REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY
REVISION					

NO.	DISCRIPTION				MATER'L		QUANTITY	REMARKS
					UNIT	MM	ITEM QD3	
					SCALE	N/S	TITLE	
					3RD ANGLE		QD3-MS10-P	
	DATE	BY	BY	APPRO BY	CODE NO.		DWG. NO.	PAGE
	SONG							
					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	