www.koolance.com

Specifications Sheet

Generated: 2026-11-15

P/N: QD1H-M03-P

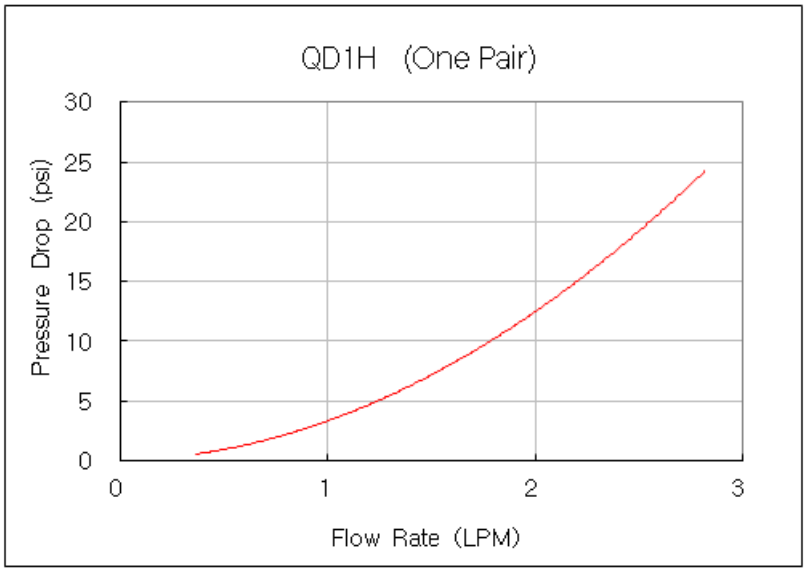
QD1H Male Quick Disconnect No-Spill Coupling, Panel Barb for 03mm (1/8in)

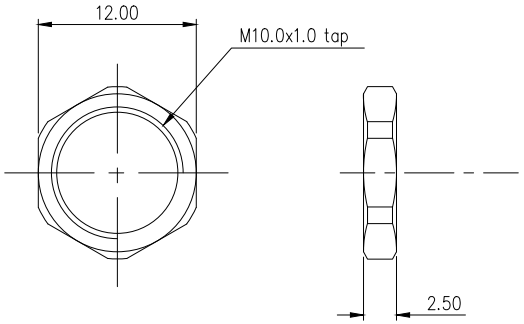


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 3mm (1/8in) ID male panel-mountable barb fitting with spring clamp for 5mm (3/16in) OD. It will only fit a Koolance QD1H female quick disconnect.

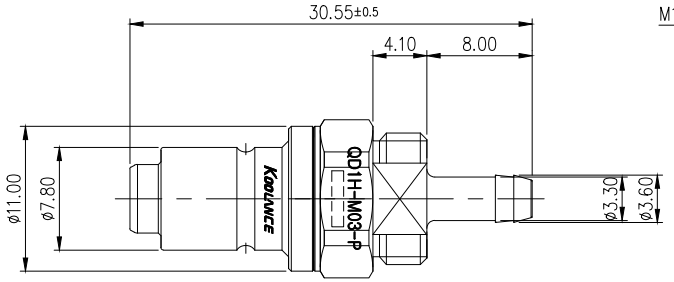
After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.1ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 10kgf/cm2 (142psi).

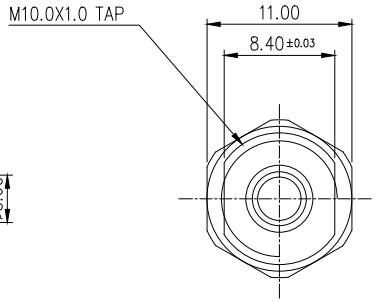
General	
Weight	0.03 lb (0.01 kg)
Max No-Spill Pressure	10kgf/cm2 (142psi)
Max Pressure Tolerance @ 25°C	12kgf/cm2 (170.7psi)
Max Temperature Tolerance	80°C (176°F)
Min Pressure Tolerance @ 25°C	-1.0kgf/cm2 (-14psi)
Min Storage Temperature (*No Freezing)	-20ºC (-4ºF)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, EPDM





NUT





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION

NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS

KOOLANCE

	BY	BY	BY	APPRO BY
DATE				
	SONG			

DECIMAL PLACES	INCHES	MILLIMETERS
.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

UNIT	MM
SCALE	N/S
3RD ANGLE	
CODE NO.	

ITEM QD1H

TITLE QD1H-M03-P

DWG. NO. PAGE