www.koolance.com

Specifications Sheet

Generated: 2026-11-11

P/N: QD3-FT10X16

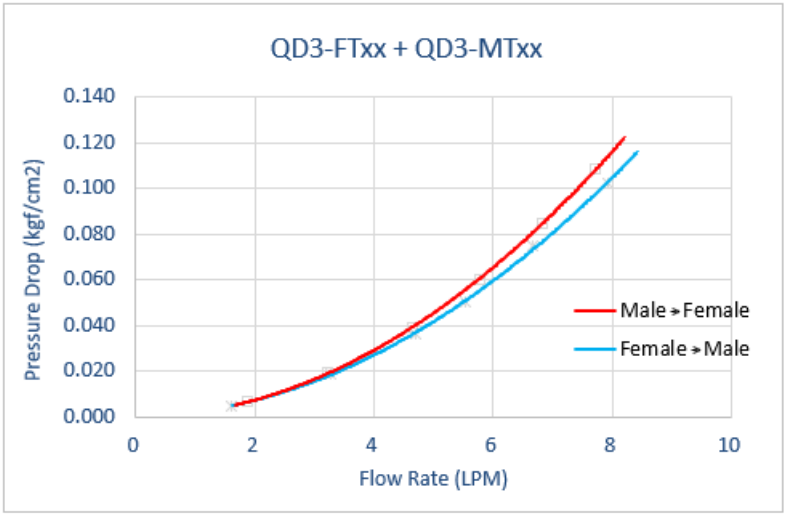
QD3 Female Quick Disconnect No-Spill Coupling, Compression for 10mm x 16mm (3/8in x 5/8in)



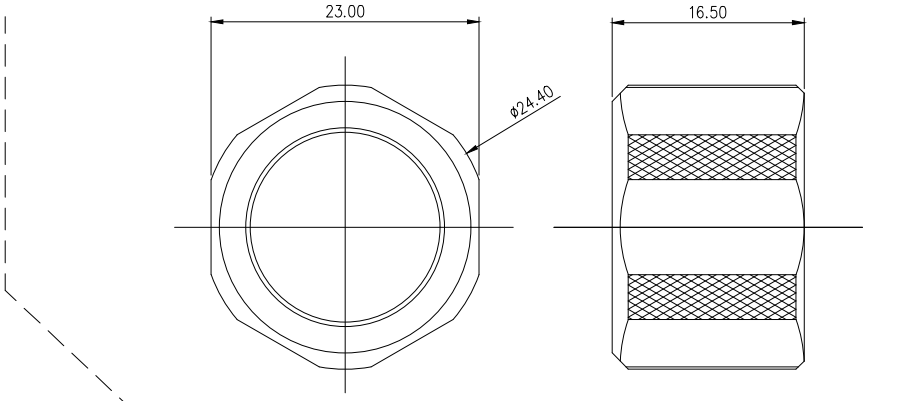
Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID, 16mm (5/8in) OD female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.

After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm2 (7psi).

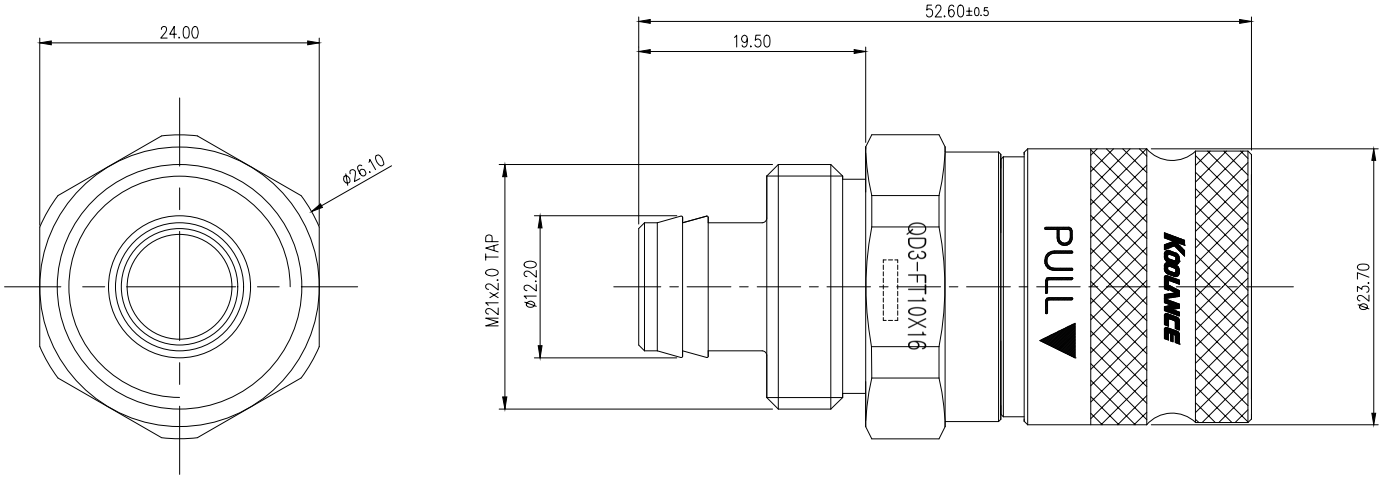
General	
Weight	0.23 lb (0.10 kg)
Max No-Spill Pressure	0.5kgf/cm2 (7psi)
Max Pressure Tolerance @ 25°C	8kgf/cm2 (113.8psi)
Max Temperature Tolerance	80°C (176°F)
Min Pressure Tolerance @ 25°C	-1.0kgf/cm2 (-14psi)
Min Storage Temperature (*No Freezing)	-20ºC (-4ºF)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Brass, Nickel Plating, Stainless Steel, EPDM



File



Compression Nut



⚠					
REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY

REVISION

NO.	DESCRIPTION		MATER'L	QUANTITY	REMARKS
KOOLANCE			UNIT MM	PART NO.	
	BY	BY	BY	APPRD BY	SCALE N/S	TITLE QD3-FT10X16
DATE					3RD ANGLE	
	SONG				DWG. NO.	ITEM QD3 Press-fit Type	REV.