

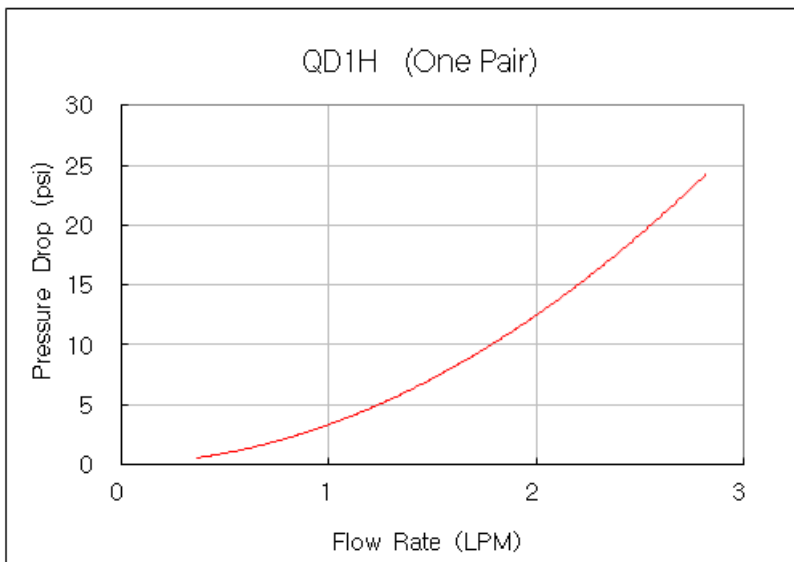
QD1H Female Quick Disconnect No-Spill Coupling, Male Threaded, G 1/4 BSPP

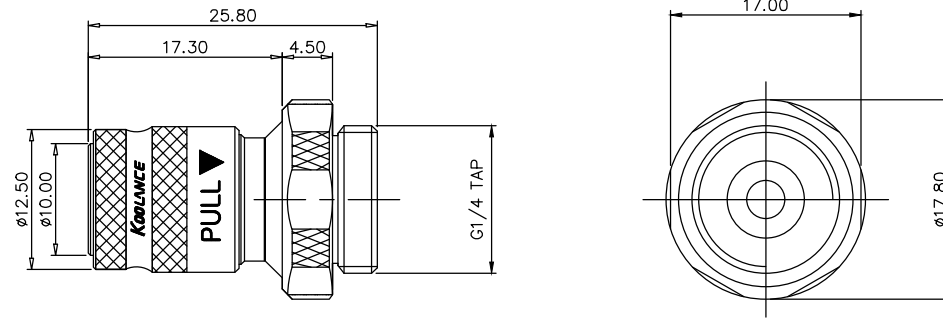



Koolance patented quick disconnect no-spill coupling with automatic shutoff. G 1/4 BSPP (parallel) threaded female fitting for screwing directly into a component of the same threading. It will only fit a Koolance QD1H male quick disconnect.

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 0.1ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 10kgf/cm2 (142psi).

| General | |
|--|--|
| Weight | 0.03 lb (0.01 kg) |
| Fitting Thread | G 1/4 BSPP |
| 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) | -20° C (-4° F) |
| Seal Material | EPDM (Water/Glycol Liquids) |
| Wetted Materials | Nickel-Plated Brass, Stainless Steel, EPDM |





| NO. | DESCRIPTION | | | | MATER'L | | QUANTITY | REMARKS |
|------------|---|----|----|----------|---------|-----|--------------------|---------|
| |  | | | | UNIT | MM | PART NO. QD1H-FSG4 | TITLE |
| | | | | | SCALE | N/S | | |
| DATE | BY | BY | BY | APPRD BY | REV. | | ASS'Y | |
| 01.04.2020 | Y.S.SHIN | | | | 20 | | | |