www.koolance.com

**Specifications Sheet**

Generated: 2026-11-03

# P/N: QD1H-MN18

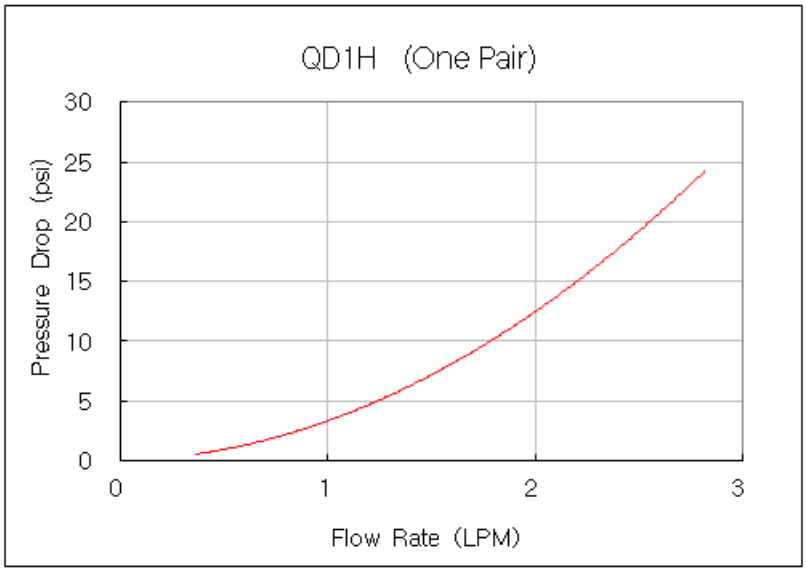
## QD1H Male Quick Disconnect No-Spill Coupling, Male Threaded, 1/8 NPT

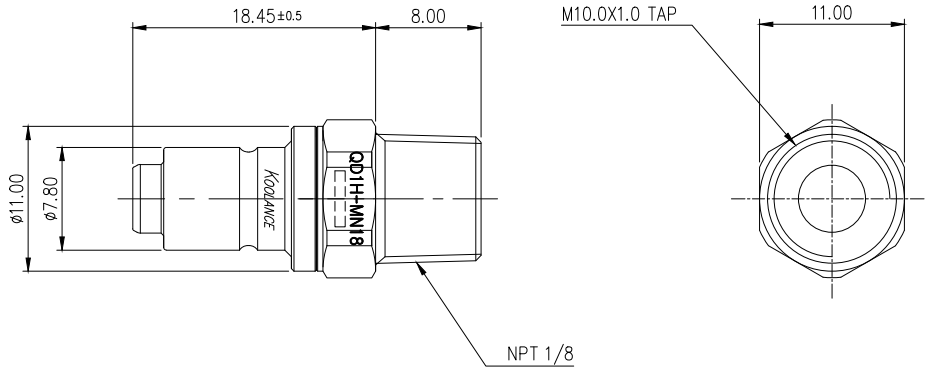



Koolance patented quick disconnect no-spill coupling with automatic shutoff. 1/8 NPT (tapered) male fitting for screwing directly into a component of the same threading. It will only fit a Koolance QD1H female quick disconnect.

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) |
| Fitting Thread | NPT 1/8 |
| 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 |






| 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 | ITEM | QD1H |
| SCALE | N/S | TITLE | QD1H-MN18 |
| 3RD ANGLE | | | |
| CODE NO. | | DWG. NO. | PAGE |