

## QD3 Female Quick Disconnect No-Spill Coupling, Compression for 10mm x 13mm (3/8in x 1/2in)

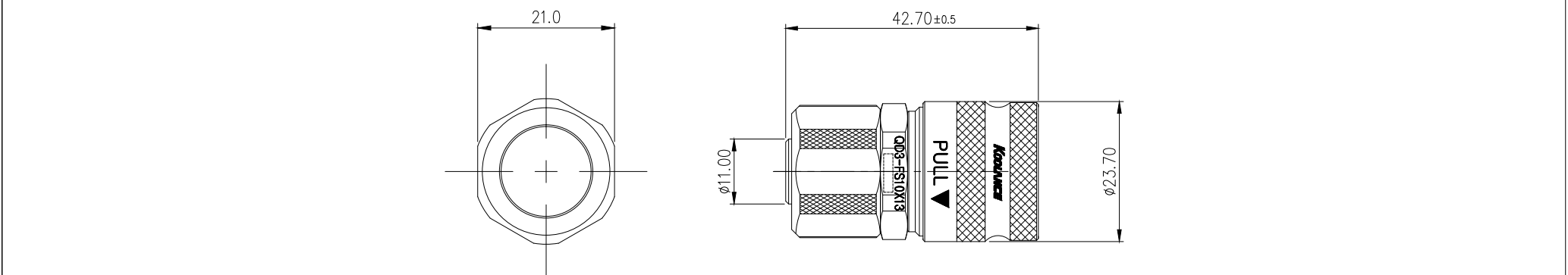


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 10mm (3/8in) ID female straight connection with compression fitting. It will only fit a Koolance QD3 male quick disconnect.


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/cm<sup>2</sup> (7psi).

| General                                |  |
|--|--|
| Weight                                 | 0.21 lb (0.10 kg)                          |
| Max No-Spill Pressure                  | 0.5kgf/cm <sup>2</sup> (7psi)              |
| Max Pressure Tolerance @ 25° C         | 8kgf/cm <sup>2</sup> (113.8psi)            |
| Max Temperature Tolerance              | 80° C (176° F)                             |
| Min Pressure Tolerance @ 25° C         | -1.0kgf/cm <sup>2</sup> (-14psi)           |
| Min Storage Temperature (*No Freezing) | -20° C (-4° F)                             |
| Seal Material                          | EPDM (Water/Glycol Liquids)                |
| Wetted Materials                       | Nickel-Plated Brass, Stainless Steel, EPDM |





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|  |  |             |  |    |   |          |                                     |      |              |  |
| NO.  |  | DESCRIPTION |  |    | MATER'L   |          | QUANTITY                            |      | REMARKS      |  |
|  <b>KOOLANCE®</b> |  |             |  |    | UNIT  |          | MM                                  |      | PART NO. QD3 |  |
|  |  |             |  |    | SCALE   |          | N/S                                 |      |              |  |
|  |  | APPRO       |  |    | DECIMAL PLACES<br>0 : +0.5<br>0.X : +0.3<br>0.XX : +0.1 |          | TITLE QD3-FS10X13<br>QD3-FS10X13-BK |      |              |  |
| DATE   |  | BY          |  | BY |   |          |                                     |      |              |  |
| 2022.4.7   |  | SONG        |  |    |   | DWG. NO. |                                     | ITEM |              |  |
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