

TR Dry Disconnect coupling TRM series female with female thread TRV series male with female thread (G=DIN ISO 228 / BSP)



Technical specifications:

In case of the couplings disconnection a valve shuts down on both sides, by that it's preventing the possible release of the left-over materials (chemicals) into the environment. The components of the coupling are fully connected to each other by a 120°degree turn. In such case the valves open up and assure a full flow for the medium.

Available sizes

- DN 25 to DN 100
- Others on request

Materials

- Stainless steel (1.4571/1.4408)
- Hand wheel (TRM 40 - 100)
- Polypropylene
- Others on request

Connections

- Thread: BSP, NPT
- Flanges: EN, ASME
- Others on request

Seals

- O-ring: FPM, EPDM, FFKM, NBR
- Threaded seal: PTFE
- Others on request

Applications

Suitable for all loading and transfer processes in the area of fluid handling, e.g.

- Loading tank wagons
- Loading tank trucks
- Loading containers
- Loading ships
- Loading aircraft
- Filling barrels
- IBC containers
- Coupling stations
- Particularly in processes involving hazardous media
- Can be used with all fluids (liquids and gases). Including rapid-hardening, light pasty and highly viscous media
- Can be used with all types of hoses

| DN | Thread | D (mm) |
|----|--------|--------|
| 25 | G 1 | 44 |

| DN | Thread | D (mm) |
|-----|---------|--------|
| 32 | G 1.1/4 | 54 |
| 40 | G 1.1/2 | 63 |
| 50 | G 2 | 80 |
| 65 | G 2.1/2 | 94 |
| 80 | G 3 | 118 |
| 100 | G 4 | 146 |