

# Dry Disconnect Couplings

## 4" (Ø164 mm)



Tank unit / Adapter and Hose unit / Coupler

According to NATO STANAG 3756			
Coupling material	Maximum working pressure	Test pressure	Minimum burst pressure
Aluminium	10 bar/145 psi	24 bar/218 psi	80 bar/726 psi
Brass	16 bar/232 psi	24 bar/348 psi	80 bar/1160 psi
Stainless Steel	25 bar/363 psi	38 bar/544 psi	125 bar/1813 psi

### Connections

4" in BSP, NPT and Flanged inlet.

### Applications

The 4" (Ø164 mm) is recommended loading/unloading of Road and Rail tanker, aviation refueller, ISO containers etc. Also recommended for Offshore Supply Vessels, ship to shore transfer, ship to ship transfer and ship to rig transfer or on any application where spillage needs to be minimized.

### Media

Petroleum products: Gasolin, diesel, oil etc.  
 Chemical products: Ethylene Oxide, Propylene Oxide, Acrylonitrile, Butadiene, Ammonia, Vinyl Chloride, Toluene, Xylene, Sulphuric, Acid, Phenol etc.

### Seals

Standard seals in FPM (Viton®), EPDM, Chemraz®, Kalrez®, NBR (Nitrile). Other materials on request.

### High Flow Rates/ Low Pressure Drop

Allows maximum product transfer with minimal losses.

### Recommended Maximum Flow Rated

3500 litres/minute (fuel.)

### Interchangeability

Compatibility with other existing brands e.g. TODO-matic and Fulcrum couplings.

### Hose unit with Integrated Swivels

All hose units are designed with Integrated Swivel

### Selectivity - Avoid mixing products:

To avoid product contamination caused by connecting a hose unit to the wrong tank unit, selective versions of the hose and tank units are available.

#### AUCKLAND (HO)

144 Neilson St  
 Onehunga  
 Auckland 1061

T: +64 9 636 5902  
 F: +64 9 634 6655

#### WHANGAREI

43 Port Road  
 Whangarei  
 0100

T: +64 9 438 1598  
 F: +64 9 438 1599

#### HAMILTON

18 King St  
 Frankton  
 Hamilton 3204

T: +64 7 847 7889  
 F: +64 7 846 9056

#### MT MAUNGANUI

69 Hull Road  
 Mt Maunganui  
 3116

T: +64 7 575 5697  
 F: +64 7 575 5297

#### WELLINGTON

148 Hutt Road  
 Petone  
 Lower Hutt 5012

T: +64 4 560 3701  
 F: +64 4 560 3705

#### NELSON

6 Roger St  
 Port Nelson  
 Nelson

T: +64 3 545 6098  
 F: +64 3 539 4953

#### CHRISTCHURCH

252 Annex Road  
 Addington  
 Christchurch 8024

T: +64 3 348 8755  
 F: +64 3 348 8756

#### DUNEDIN

52 Teviot St  
 South Dunedin  
 Dunedin 9012

T: +64 3 455 7657  
 F: +64 3 455 7687