



# TODO

## Aviation Couplings



### TODO® Aviation fuel transfer equipment

**TODO-45.** This gives, for the first time, an economical alternative to ISO 45 under wing refuelling hose couplers for aviation fuel bunkering and transfers. Although not configured for under wing fuelling, the TODO-45 hose coupler is fully interchangeable with existing connections and suitable for all other transfer operations in the fuel logistics chain.

**Hydrant.** The TODO-MATIC® aviation hydrant connection with integral over pressure relief valve. This system dissipates trapped fluid pressure into hose coupler without spillage to allow easy connection.

### Technical Details

**Sizes:** 2½" (DN65)

**Materials:** High strength aluminium body, coupling ring in gunmetal, inner parts and bayonet flange in stainless steel and aluminium.

**Seals:** FKM (Viton®), Fluorsilicone. Other materials on request.

**Work Pressure:** PN 10

**Test Pressure:** PN 15

**End Connections:** BSP- and NPT-threads. DIN-, ASA-, TW- and TTMA-flanges (available for the tank unit). Other threads and flanges on request.

**Compatibility:** ISO 45, MS24484, STANAG 3105, British Areospace Spec. 2C14

ISO 45 & MS24484 Compliant | Automatic Valve Opening | Simplified Single Action Operation | Minimal Residual Loss

# Certificates / Approvals

- ✓ VdTÜV type approval, mark TÜ.AGG.162-93 towards ADR, RID, IMDG and VDI-rules 2440, part 3.3.1.3
- ✓ CE-marked, European directives 97/23/EC (PED) and 94/9/EC (ATEX) compliant
- ✓ TDT approval, mark TDT-UW-30/09 towards ADR/RID in Poland
- ✓ Manufactured under EN ISO 9001:2000
- ✓ Certified towards ISO 14001:2004 and OHSAS 18001:2007



## TODO-45 Couplings, Plugs and Caps



Hose unit



Tank unit, flanged



Tank unit, threaded



Dust plug



Dust cap



Dust cap