

AVIATION COUPLINGS



STORAGE

AVIATION

ROAD

DS
Fluide

TODO[®]
A Gardner Denver Product

RAIL

MARINE



TODO® AVIATION FUEL TRANSFER EQUIPMENT

TODO® aviation fuel transfer equipment is the first choice for safe and spillage free bunkering of aviation fuels.

Used in commercial, offshore and military applications.

TODO® aviation fuel transfer couplings are built to take the strains of rapid fuelling activities in the most demanding of applications.

Based on proven TODO-MATIC® coupling designs, TODO® aviation fuel transfer couplings offer high flow fuel delivery without the cost and complexity normally associated with ISO45 underwing connections.

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 Data

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®), Floursilicone. Other materials on request.
Working pressure:	PN10.
Test pressure:	PN15.
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.
Viton® is a registered trademarks of DuPont Performance Elastomers.	

Features

- Economical alternative to ISO 45 standard hose couplers.
- Valves open and close automatically on connection and disconnection.
- Simple single action operation, no levers or switches to operate.
- Valves are guaranteed closed prior to disconnection.
- Minimal residual loss on disconnection.
- Will connect and disconnect under pressure and flow where necessary.
- Extremely reliable, very few moving parts.
- Robust construction, no external operational components.

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.
- Manufactured towards EN 13480 and EN 13445.

1½" Sampling & Drain Unit STANAG 3756

TODO 9500 is used in airport hydrant systems as follows:

Sampling installed at a convenient point on a riser from the main hydrant line

Venting installed at a high point in the hydrant line.

Draining installed at a low point in the hydrant line.

Equipped with a TODO-MATIC® (STANAG 3756) tank unit with pressure equalizing and relief valve, two 1½" firesafe ballvalves and a 6" ANSI class 300 flange.

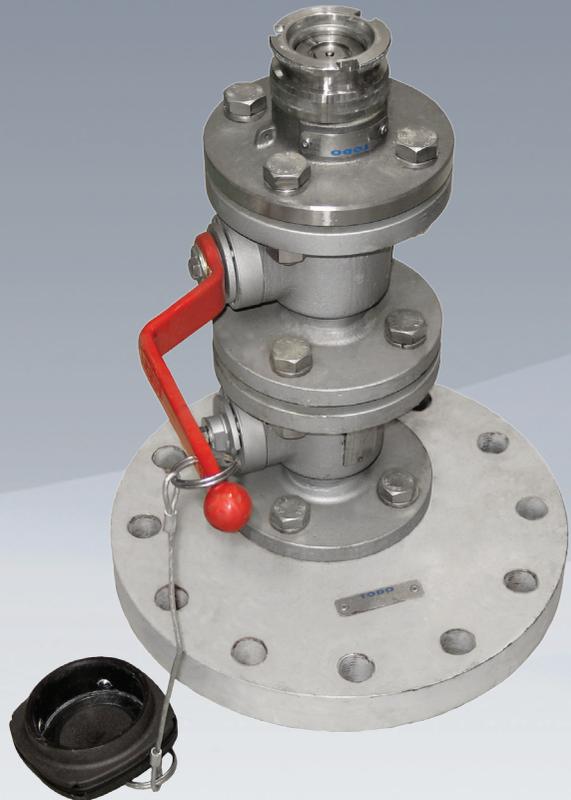
Materials: Stainless Steel.

Seals: FKM (Viton®) and PTFE (Teflon®). Other materials on request.

Working pressure: PN 25.

Test pressure: PN 37.5

Viton® and Teflon® is registered trademarks of DuPont Performance Elastomers.



TODO-45 Couplings, Plugs and Caps



Hose unit



Tank unit, flanged



Tank unit, threaded



Dust plug



Dust cap



Dust cap



Conseil - Vente - Location - Maintenance



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