



Producto distribuido por

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# MannTek

<b>Product Name</b>	Tank Unit
<b>Part Number</b>	TS
<b>Short Description</b>	Male (Tank Unit, Adapter)
<b>Description</b>	<p>Self locking quick connect/disconnect coupling, to PED 2014/68/EU 4.3 and ATEX 2014/34/EU Category 3G, for liquid media and liquefied gases.</p> <p>Dry Evotek Couplings (DEC) are a new generation of dry couplings which have been developed especially for use in the chemical industry. <b>Tank unit</b> without swivel, typically fix mounted as filling connector on storage tanks, IBC and ISO mobile tanks, road tankers and rail tankers. Quick and safe connection of hose assemblies and loading arms to mobile and stationary tanks, under pressure and with minimised liquid loss.</p> <p>Compared with other dry couplings, all elements of the coupling mechanism are accomodated at the exterior part which is not in contact with the medium. Due to this optimisation of dead spaces only a very small amount of medium can collect within the coupling. This results in a very good draining ability and a clearly minimised risk of media contamination.</p> <p>The exterior positioning of the coupling mechanism also facilitates the cleaning process and the lifetime of the coupling.</p>
<b>Comment</b>	<p>Advantages:</p> <ul style="list-style-type: none"><li>- Coupling mechanism positioned outside of media flow – therefore easy cleaning</li><li>- Suitable for liquid, gaseous and viscous media</li><li>- Easy, effortless coupling of the hose unit, also against line pressure in the tank unit</li><li>- Hose units from DN 40 with ergonomic roand handle</li><li>- Low pressure drop</li><li>- Minimised product loss during uncoupling</li><li>- Easy maintenance due to less parts subject to wear, therefore reduced downtime</li></ul> <p>Both coupling parts are equipped with a flat poppet valve. For the connection, the hose unit is pushed onto the tank unit and coupled / sealed by turning the coupler clockwise by 10 degrees. When the unit is turned a further 120 degrees, the valves axially move witin the enlarged cross section of the tank unit for full medium flow. Wen a similar turn is made counter-clockwise, the flow is stopped and the coupler can be pulled off.</p>
<b>Sizes</b>	1" (DN 25) up to 2" (DN 50).
<b>Connections</b>	BSP thread, EN 1092 (DIN) flange – others on request.
<b>Pressure</b>	Can be coupled up to 10 bar.
<b>Temperature</b>	Working pressure: Stainless steel = PN 16. -20° C up to +80° C; fulfilment of larger temperature range -50° C up to +200° C is possible - depending on medium, coupling and sealing material.
<b>Material</b>	Body: stainless steel 1.4404 (AISI 316L), Hastelloy – others on request. O-Rings: Viton® (FPM/FKM), NBR, NBR Low Temperature, FFKM – others on request. Flat seal (for female parallel thread connections): PTFE.
<b>Approvals / Certificates</b>	PED 2014/68/EU 4.3 and ATEX 2014/34/EU Category 3G.
<b>Product Sheet / Links</b>	Material conformity to FDA or USP requirements for pharma and foodstuff applications can be confirmed on request.  <a href="#">Overview Approvals</a>

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Brochure DEC-Couplings

Homepage DEC-Couplings

