

INDUSTRIAL FITTINGS - couplings

Dry disconnect couplings - DRY-DIS TR



Material:	SS (AISI 316 / AISI 316Ti) Ms - brass, PP - polypropylene (handwheel, blank plug/cap)
Seals:	Viton - valves
Connections:	BSP female thread
Seal:	PTFE for SS couplings PUR for Ms couplings
Working press.:	Up to 25 bar
Max. conn. press.:	6 bar
Working temp.:	From 0°C up to +150°C (Ms up to +60°C)

Operation

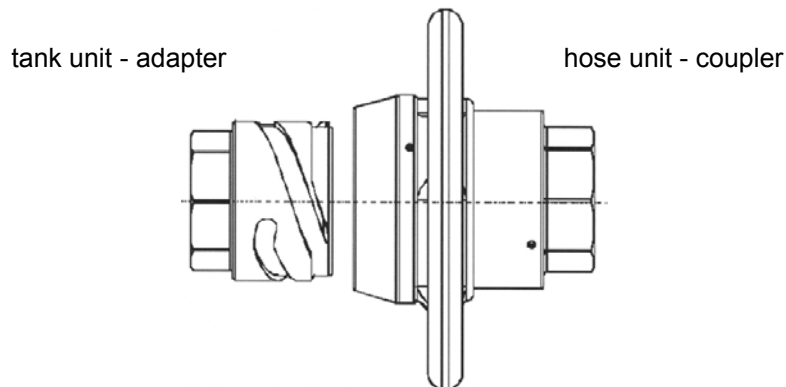
A hose unit (coupler) and a tank unit (adapter) of DRY-DIS TR coupling are both equipped with piston valves which can be opened only after the coupling is connected and closed before it is disconnected. It prevents spillage. The head of the hose unit, sizes DN 40 upwards, with polypropylene handwheel facilitates connection. The coupling is connected by sliding the hose unit over the tank unit and turning the handwheel by 10° clockwise. To allow fluid flow both units must be secured by further rotation up to 120° clockwise. To stop fluid flow, turn the head of the hose unit anticlockwise so the valves close and the coupling disconnects. A coded version of the coupling is also available. It prevents connecting the hose unit to the wrong tank unit, conveying other fluid.

Application

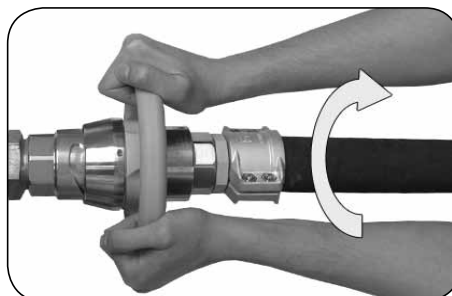
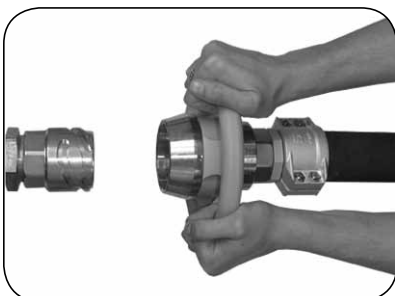
They are widely used in chemical, pharmaceutical, petrochemical, food industry and in reloading applications. They meet all requirements for safe, reliable and environment friendly transfer of hazardous, toxic or valuable fluids and gases. They come in a wide range of sizes (DN 25, 32, 40, 50, 65, 80 and 100 mm).

Standards

Manufactured according to the standards of the producer (Roman Seliger, Germany). Compliant with the Pressure Equipment Directive (CE marking) and the ATEX Directive for operation in potentially explosive atmospheres.

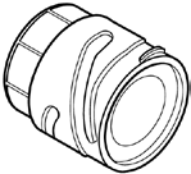
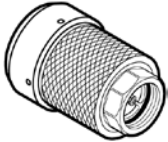

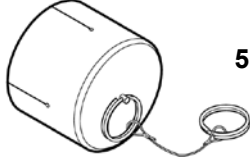


To connect:



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picture	code	size		material	weight [kg]	pic.	
		DN	thread				
 <p>TRV tank unit - adapter</p>	RS-558025100120	25	1" BSP	SS	0.28	1	
	RS-558025100130			Ms	0.30	1	
		RS-558032125120	32	1.1/4" BSP	SS	0.50	1
		RS-558032125130			Ms	0.53	1
		RS-558040150120	40	1.1/2" BSP	SS	0.75	1
		RS-558040150130			Ms	0.79	1
		RS-558050200120	50	2" BSP	SS	1.20	1
		RS-558050200130			Ms	1.28	1
		RS-558065250120	65	2.1/2" BSP	SS	1.70	1
		RS-558065250130			Ms	1.82	1
 <p>TRM hose unit - coupler</p>	RS-558080300120	80	3" BSP	SS	3.20	1	
	RS-558080300130			Ms	3.45	1	
		RS-558100400120	100	4" BSP	SS	5.10	1
		RS-558100400130			Ms	5.45	1
		RS-561025100120	25	1" BSP	SS	0.85	2
		RS-561025100130			Ms	0.91	2
		RS-561032125120	32	1.1/4" BSP	SS	1.50	2
		RS-561032125130			Ms	1.62	2
		RS-561040150120	40	1.1/2" BSP	SS	2.00	3
		RS-561040150130			Ms	2.15	3
	RS-561050200120	50	2" BSP	SS	3.90	3	
	RS-561050200130			Ms	4.20	3	
	RS-561065250120	65	2.1/2" BSP	SS	5.10	3	
	RS-561065250130			Ms	5.50	3	
 <p>TRS hose unit blank plug</p>	RS-561080300120	80	3" BSP	SS	6.20	3	
	RS-561080300130			Ms	6.70	3	
		RS-561100400120	100	4" BSP	SS	11.50	3
		RS-561100400130			Ms	12.35	3
		RS-564025000500	25		PP	0.03	4
		RS-564032000500	32		PP	0.05	4
		RS-564040000500	40		PP	0.07	4
		RS-564050000500	50		PP	0.11	4
		RS-564065000500	65		PP	0.14	4
		RS-564080000500	80		PP	0.22	4
	RS-564100000500	100		PP	0.32	4	
 <p>TRK tank unit blank cap</p>	RS-567025000500	25		PP	0.05	5	
	RS-567032000500	32		PP	0.07	5	
	RS-567040000500	40		PP	0.10	5	
	RS-567050000500	50		PP	0.14	5	
	RS-567065000500	65		PP	0.21	5	
	RS-567080000500	80		PP	0.28	5	
	RS-567100000500	100		PP	0.50	5	