Stainless hygienic couplings – TRICLOVER (TRICLAMP)

Ends with TRICLOVER coupling for mounting to hoses

TRICLOVER (TRICLAMP) ends, with tail for mounting to a hose. Made of AISI 316 steel, with a precisely machined connecting part of the coupling with flange size **A** and outlet diameter **d**. A polished inner surface (Ra ≤ 0,4 µm) and a hygienic, tapered tail finish ensure a high level of hygiene suitable for CIP cleaning. The ends are available in a wide range of combinations of flange size **A** and **d** and hose tail size **dw**. They differ in length, diameter and external tail profile, depending on the type of hose in which the end is to be used:

NH-TCK – barbed ends for rubber and silicone hoses with a relatively thick and soft wall – for mounting with TI-LD and TI-LDR ferrules.

NH-TCR – smooth ends for rubber, silicone and plastic hoses, also with a hard inner polymer layer (e.g. UPE) – for mounting with shell clamps or TI-LR, TI-LDR, TI-LS ferrules. The tail diameter of the end must be well matched to the inner diameter of the hose.

The TI-LD, TI-LDR, TI-LS ferrules are described in the later chapter “Ferrules”. They must be selected to match the inner and outer diameter of the hose.

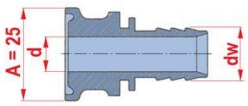
AF-PHXTC – ends for teflon hoses, with a short tail of exact “inch” diameter (e.g. 1/2” - **dw** = 12.7 mm). Designed for crimping with special ferrules for these hose types.

AF-FXXTC- ends for teflon, thermoplastic and rubber hoses, with a long tail of enlarged diameter (e.g. 1/2” - **dw** = 13.4 mm). Designed for crimping with various ferrules for these hose types.

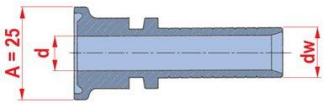
Features of TRICLOVER ends:

1. wide size range;
2. very smooth inner surface Ra ≤ 0,4 µm – confirmed by measurements;
3. made of stainless steel (AISI 316) of confirmed quality, 3.1 certificate available;
4. durably and clearly marked;
5. robust design developed for crimping with TI-L, TI-LD, TI-LDR, TI-LS ferrules;
6. hygienic inner tail termination of the hose end;
7. special sealing grooves on the tail;
8. designed and manufactured in Poland.

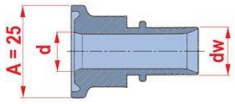
TRICLOVER hose ends 25 mm



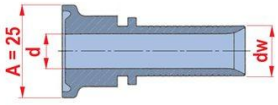
NH-TCK



NH-TCR



AF-PHXTC



AF-FXXTC

A	d	connection	DN hose	NH-TCK		NH-TCR		AF-PHXTC		AF-FXXTC	
				Hoses: rubber **Assembly:** ferrules TI-LD, TI-LDR		**Hoses:** rubber, silicone and plastic; rubber hoses with a UPE, PTFE, FEP, PFA layer etc. **Assembly:** ferrules TI-LR, TI-LDR, TI-LS or shell clamps RS, SC		**Hoses:** PTFE PHARMALINE, CORROFLON, BIOFLEX, FABLINE **Assembly:** ferrules for the above hoses (AF-CFYT, AF-BFXT3)		**Hoses:** PTFE HYPERLINE SB and FX, thermoplastic, rubber **Assembly:** ferrules for PTFE hoses AF-THU, ferrules for thermoplastic hoses, ferrules for rubber hoses TI-L	
[mm]	[mm]	type	[mm]	index	dw [mm]	index	dw [mm]	index	dw [mm]	index	dw [mm]
25	4	DIN-A*	6	-	-	-	-	AF-PHXTC-025-04-006	6,4	AF-FXXTC-025-04-006	6,8
	4,57	DIN-C ASME	6	-	-	-	-	AF-PHXTC-025-05-006	6,4	AF-FXXTC-025-05-006	6,8
	6	DIN-A	8	-	-	-	-	-	-	AF-FXXTC-025-06-008	8,2
	7	DIN-B	10	-	-	-	-	AF-PHXTC-025-07B-010	9,5	AF-FXXTC-025-07B-010	10,0
	7,75	DIN-C ASME	6	-	-	-	-	AF-PHXTC-025-07-006	6,4	AF-FXXTC-025-07-006	6,8
			10	-	-	-	-	AF-PHXTC-025-07-010	9,5	AF-FXXTC-025-07-010	10,0
	8	DIN-A	10	-	-	-	-	AF-PHXTC-025-08-010	9,5	AF-FXXTC-025-08-010	10,0
	9,4	DIN-C ASME BS	6	-	-	-	-	AF-PHXTC-025-09-006	6,4	AF-FXXTC-025-09-006	6,8
			10	-	-	-	-	AF-PHXTC-025-09-010	9,5	AF-FXXTC-025-09-010	10,0
			13	NH-TCK-025-09-013	14,0	NH-TCR-025-09-013	13,4	AF-PHXTC-025-09-013	12,7	AF-FXXTC-025-09-013	13,4
	10	DIN-A*	13	NH-TCK-025-10-013	14,0	NH-TCR-025-10-013	13,4	AF-PHXTC-025-10-013	12,7	AF-FXXTC-025-10-013	13,4
	10,3	DIN-B	13	NH-TCK-025-11-013	14,0	NH-TCR-025-11-013	13,4	AF-PHXTC-025-11-013	12,7	AF-FXXTC-025-11-013	13,4
	12	DIN-A*	13	NH-TCK-025-12-013	14,0	NH-TCR-025-12-013	13,4	AF-PHXTC-025-12-013	12,7	AF-FXXTC-025-12-013	13,4
	14	DIN-A* DIN-B	13	NH-TCK-025-14-013	14,0	NH-TCR-025-14-013	13,4	AF-PHXTC-025-14-013	12,7	AF-FXXTC-025-14-013	13,4
	15,75	DIN-C ASME BS	10	-		-	-	AF-PHXTC-025-15-010	9,5	AF-FXXTC-025-15-010	10
			13	NH-TCK-025-15-013	14,0	NH-TCR-025-15-013	13,4	AF-PHXTC-025-15-013	12,7	AF-FXXTC-025-15-013	13,4
			16	NH-TCK-025-15-016	16,4	-	-	AF-PHXTC-025-15-016	15,9	AF-FXXTC-025-15-016	16,6
			19	NH-TCK-025-15-019	20,2	NH-TCR-025-15-019	19,4	AF-PHXTC-025-15-019	19,1	AF-FXXTC-025-15-019	19,8
	16	DIN-A*	19	NH-TCK-025-16-019	20,2	NH-TCR-025-16-019	19,4	AF-PHXTC-025-16-019	19,1	AF-FXXTC-025-16-019	19,8

Notes: connection type designations: **DIN-A** - DIN 32676-A; **DIN-B** - DIN 32676-B; **DIN-C** - DIN 32676-C; **ASME** – ASME BPE; **BS** – BS 4825-3.

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