

Product Data Sheet (2019-05-31)

T-plus Brass

The T-plus is specially designed to create perfect branches quickly and easily, whilst the system remains in operation.

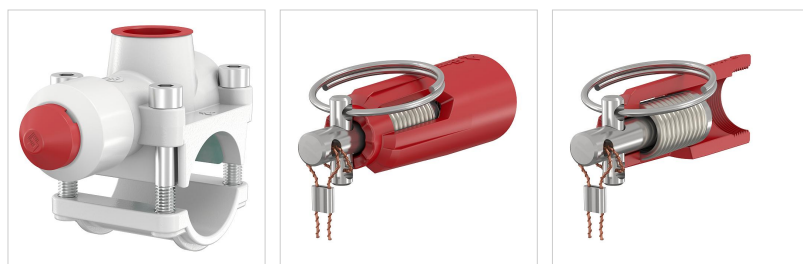
The design of the T-plus is unique and responds precisely to the requirements of installers and their customers. The combination of a plunger, striking pin and a trigger sets the new standard in the creation of branches for systems in operation.

The new branching mechanism (the trigger) means perfect installation everywhere, everytime. Once the pin is removed, the charge ignites and the striking pin shoots straight forward. This makes a clean cut in the pipe creating the branch. This makes it possible to make branches even where there is little available space. There is no need to use a hammer any more.

Areas of application

- Central heating and cooling installations.
- Potable installations.
- Solar installations.
- Fire protection systems.
- Industrial applications such as compressed air systems.

There are two types of T-plus available: a cast-iron version for thick-walled steel pipes and a brass version for copper pipes, thin-walled steel tubes and stainless-steel pipes.



Type	Ø Pipe ext. dia. [mm]	Branch connection	Suitable for			Max. permissible wall thickness			Torque [Nm]	###	Order Code
			Thin-walled steel	Copper	SST	Thin-walled steel [mm]	Copper [mm]	SST [mm]			
T-plus 14 x G 1/2 M	14	G 1/2" M		✓			1.25		6	1	90514
T-plus 15 x G 1/2 M	15	G 1/2" M	✓	✓	✓	1.25	1.25	1.00	6	1	90515
T-plus 16 x G 1/2 M	16	G 1/2" M		✓			1.25		6	1	90516
T-plus 18 x G 1/2 M	18	G 1/2" M	✓	✓	✓	1.25	1.25	1.00	6	1	90518
T-plus 22 x G 1/2 M *	22	G 1/2" M	✓	✓	✓	1.50	1.25	1.25	6	1	90522
T-plus 28 x Rp 3/4	28	Rp 3/4"	✓	✓	✓	1.50	1.50	1.25	10	1	90528
T-plus 35 x Rp 3/4	35	Rp 3/4"	✓	✓	✓	1.50	1.50	1.50	10	1	90535
T-plus 42 x Rp 3/4	42	Rp 3/4"	✓	✓		1.50	1.50		10	1	90542

* Complete with coupling 15 mm compr. fittings.



Type	Dimensions							
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F + 13 [mm]	K [mm]	M [mm]
T-plus 14 x G 1/2 M	75	17	13	48	35	141	66	21
T-plus 15 x G 1/2 M	75	17	13	51	35	141	66	21
T-plus 16 x G 1/2 M	75	17	12	46	35	141	66	21
T-plus 18 x G 1/2 M	88	24	14	51	40	154	66	21
T-plus 22 x G 1/2 M	88	24	15	58	40	154	66	21
T-plus 28 x Rp 3/4	105	29	22	76	57	171	66	21
T-plus 35 x Rp 3/4	108	30	25	82	56	174	66	21
T-plus 42 x Rp 3/4	115	35	29	89	63	181	66	21

Advantages

- Saves installation time and costs.
- Create branches while the system is still in operation.
- Draining is not necessary, so no air and dirt can get into the system.
- A perfect branch every time due to the trigger.
- Easy to create a branch, even where space is restricted.
- Optimum pipe seal.
- Anti-corrosion coating.
- Single use (one shot) trigger mechanism. The trigger is included with the T-plus.

Technical information

- Maximum permissible temperature: 120 °C.
- Maximum working pressure: 16 bar.

For thin-walled steel pipes (St33, St34, St35, St37), copper pipes (R290, R250) and SST pipes (1.4401, 1.4521):

- Thin-walled steel pipes according to NEN 1982, EN 10305 and DIN 2391.
- Material numbers: 1.0033 (St33), 1.0031, 1.0034 (St34), 1.0214, 1.0308 (St35), 1.0220, 1.0225, 1.0237 and 1.0261.
- Hard (R290) / semi-hard (R250) copper pipes according to EN 1057.
- Stainless steel pipes according to NEN 1982, EN 10312 and DIN 2391 made of AISI 316 (1.4401) and AISI 444 (1.4521).

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