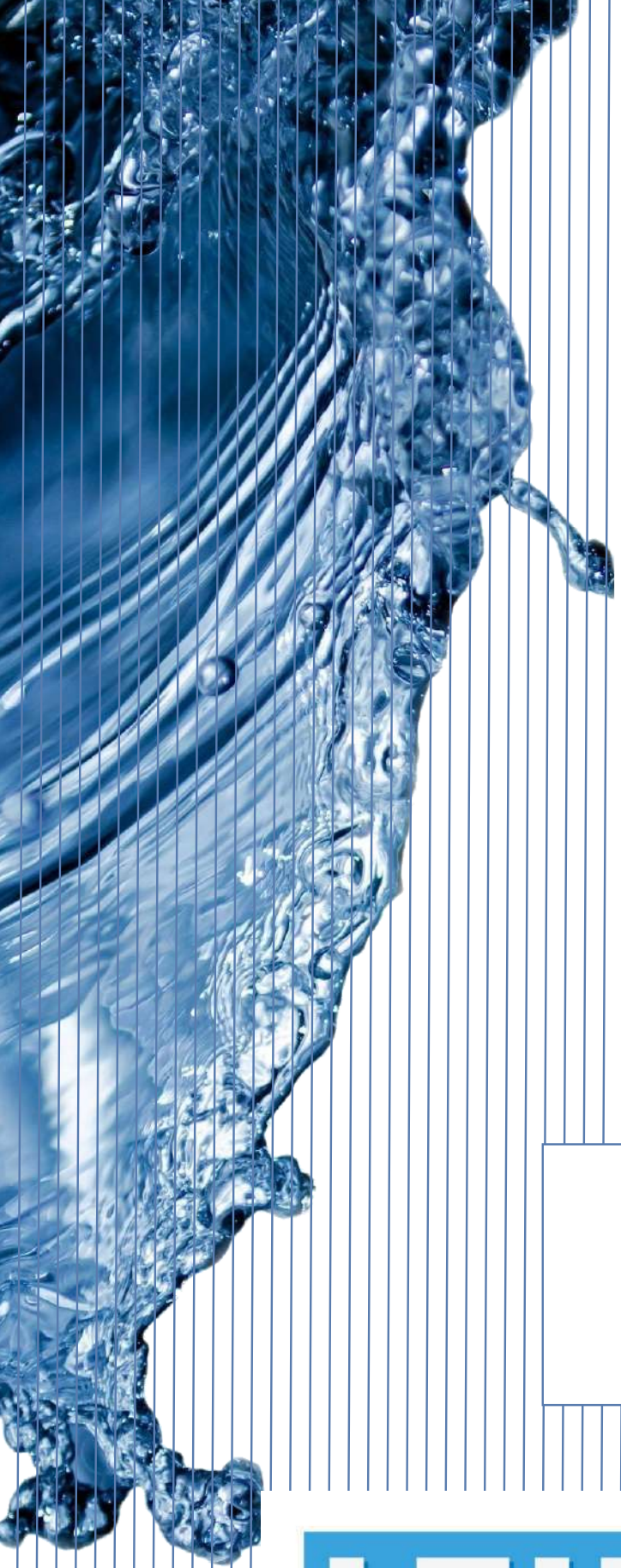


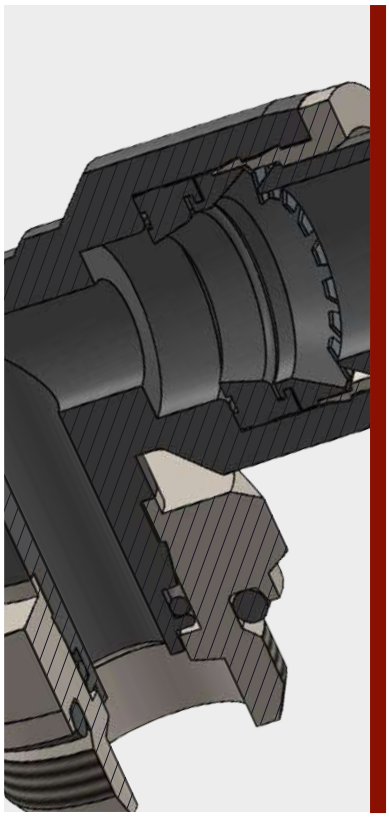
WTR series push-in swivel male lateral tee
BSPT, BSPP, metric, NPT and UNF thread
WTRST-R / WTRST-G / WTRST-N - Tierre

LTH
HYDRAULIC
COMPONENTS
& FLUID CONTAMINATION
CONTROL



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-20°C ÷ 80°C

Working pressure:
16 Bar
Negative pressure:
- 750 mmHg (- 0,999 Bar)

Compressed air & vacuum

- Taper gas BSPT ISO 7
  from R1/8" to R1/2" with teflon
- Parallel gas BSPP ISO 228
  from G1/8" to G1/2"
- Metric ISO 262 M5, M6, M7
- NPT from N1/8" to N1/2"
- UNF 10-32

Polyamide PA,
Polyurethane PU,
Polyethylene PE

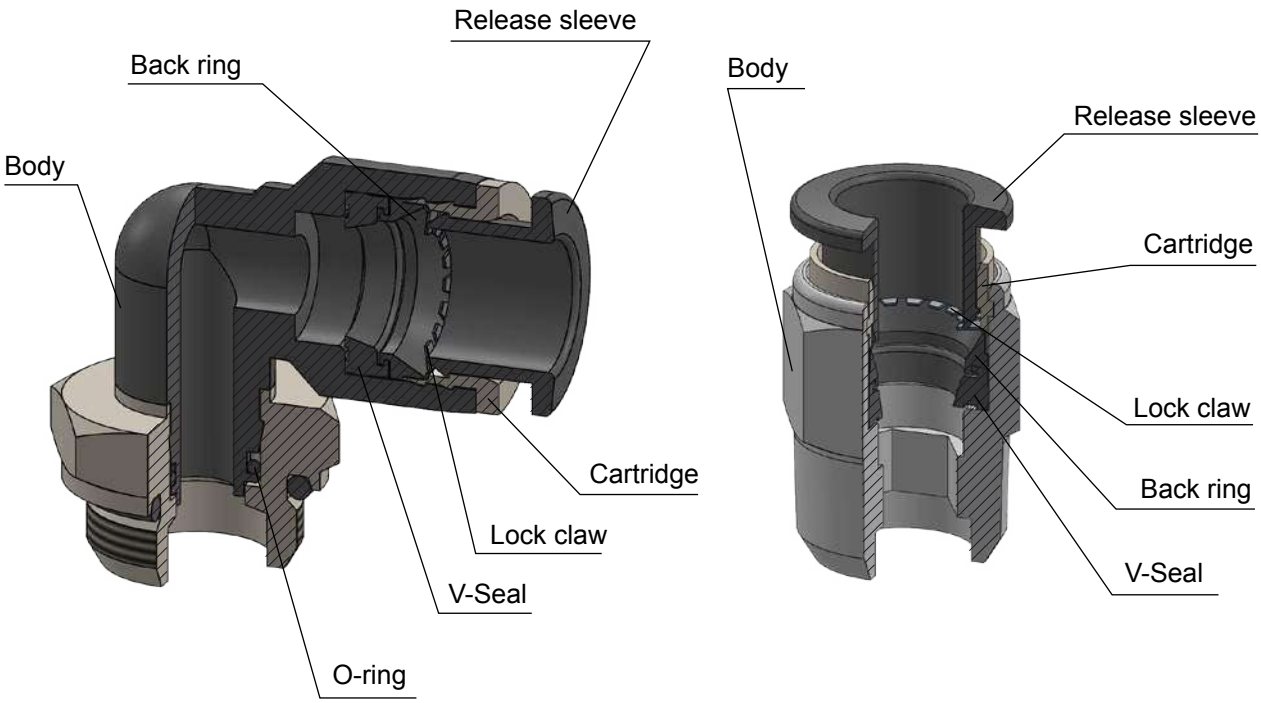
Body: nickel plated brass and high performance BPT
Release sleeve: acetal resin POM
Cartridge: nickel plated zinc
Lock claw: stainless steel AISI 301
Back ring: POM
O-ring: NBR silicon free
V-Seal: NBR silicon free

REACH Products in compliance with the directive 1907/2006

RoHS2 Products in compliance with the directive 2011/65/UE

SILICON FREE

CONSTRUCTION DETAILS

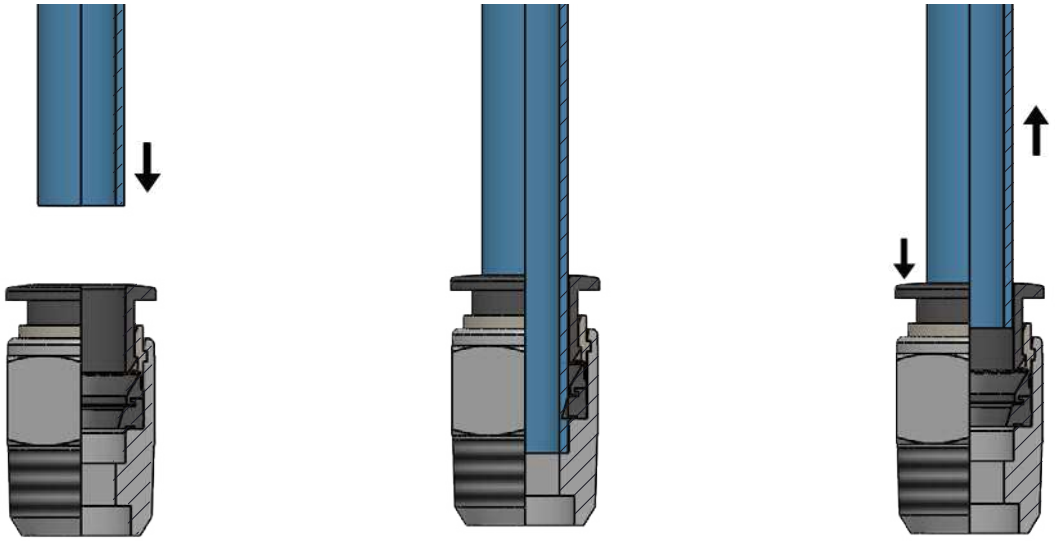


INSERTION OF THE TUBE INTO THE FITTING

- Make sure the tube is fully inserted into the fitting.
- To insert the tube into the fitting cut the tube off square (90°), insert tube up to the fitting end stop, and pull back gently to make sure it is correctly connected.
- If there is any damage or scratches on the tube surface the tube is an oval shape, air leakage and tube release may occur. Check the tube condition carefully.
- The OD of polyurethane tube expands when pressure is applied. Reinsertion into the fitting may not always be possible. Check the OD of the tube and renew it the expansion is out of tolerance.

DISCONNECTION OF THE TUBE FROM THE FITTING

- Make sure the pressure in the system is zero before releasing the tube from the fitting.
- To release the tube, press the release sleeve towards the fitting with one hand and pull the tube away from the fitting with the other hand.
- Always remove the section of tube previously inserted into the fitting before reinserting the tube by cutting back the tube. Always use the correct tube cutter in order to cut the tube square and free of damage.



TOLERANCE - METRIC TUBE

Ø TUBE (mm)	4	6	8	10	12	14	16
TOLERANCE (mm)	± 0,1	± 0,1	± 0,1	± 0,15	± 0,15	± 0,15	± 0,15

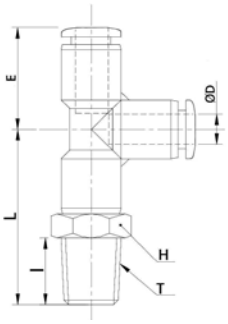
TOLERANCE - INCH TUBE

Ø TUBE	5/32	3/16	1/4	5/16	3/8	1/2
TOLERANCE (inch)	±0,003	±0,003	±0,003	±0,003	± 0,005	± 0,005

WTRST-R

Swivel lateral male tee BSPT thread nickel plated

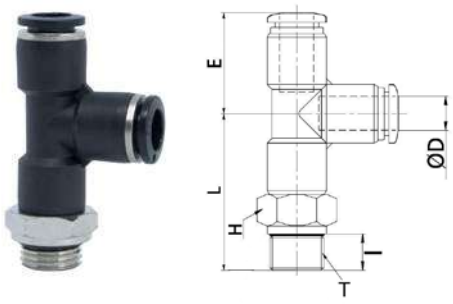




CODE	ØD	T	I	L	E	H	GR.
WTRTST04R01	4	R 1/8"	7,0	24,5	18,5	10	10,5
WTRTST04R02		R 1/4"	9,5	28,0	18,5	14	16,3
WTRTST06R01	6	R 1/8"	7,0	25,5	19,3	12	14,1
WTRTST06R02		R 1/4"	9,5	28,5	19,3	14	19,1
WTRTST06R03		R 3/8"	10,5	30,0	19,3	17	25,2
WTRTST06R04		R 1/2"	13,5	33,5	19,3	21	38,5
WTRTST08R01	8	R 1/8"	7,0	29,0	22,75	14	20,9
WTRTST08R02		R 1/4"	9,5	31,45	22,75	14	21,0
WTRTST08R03		R 3/8"	10,5	32,95	22,75	17	28,6
WTRTST08R04		R 1/2"	13,5	36,45	22,75	21	41,5
WTRTST10R01	10	R 1/8"	7,0	34,5	27,0	17	37,9
WTRTST10R02		R 1/4"	9,5	37,0	27,0	17	38,6
WTRTST10R03		R 3/8"	10,5	38,0	27,0	17	38,0
WTRTST10R04		R 1/2"	13,5	41,5	27,0	21	54,5
WTRTST12R02	12	R 1/4"	9,5	38,5	29,6	20	52,8
WTRTST12R03		R 3/8"	10,5	39,5	29,6	20	55,2
WTRTST12R04		R 1/2"	13,5	42,5	29,6	21	59,7

WTRST-G

Swivel male lateral tee BSPP & metric thread nickel plated

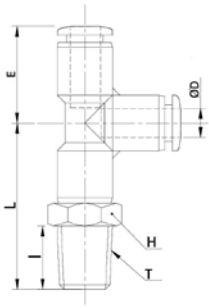


CODE	ØD	T	I	L	E	H	GR.
WTRST04M5	4	M5x0,8	3,8	22,3	18,5	10	10,6
WTRST04M6		M6x1	4,5	23,0	18,5	10	10,8
WTRST04G01		G 1/8"	5,0	25,0	18,5	14	14,2
WTRST04G02		G 1/4"	5,8	26,3	18,5	17	20,3
WTRST06M5	6	M5x0,8	3,8	23,3	19,3	12	13,9
WTRST06M6		M6x1	4,5	24,0	19,3	12	14,6
WTRST06G01		G 1/8"	5,0	25,5	19,3	14	17,2
WTRST06G02		G 1/4"	5,8	26,8	19,3	17	20,5
WTRST06G03		G 3/8"	6,8	28,3	19,3	12	27,0
WTRST06G04		G 1/2"	8,0	29,5	19,3	12	41,0
WTRST08G01	8	G 1/8"	5,0	28,45	22,75	14	20,8
WTRST08G02		G 1/4"	5,8	29,75	22,75	17	23,8
WTRST08G03		G 3/8"	6,8	31,25	22,75	20	29,9
WTRST08G04		G 1/2"	8,0	32,45	22,75	24	40,1
WTRST10G01	10	G 1/8"	5,0	34,0	27,0	17	38,4
WTRST10G02		G 1/4"	5,8	34,8	27,0	17	37,7
WTRST10G03		G 3/8"	6,8	36,3	27,0	20	41,8
WTRST10G04		G 1/2"	8,0	38,5	27,0	24	54,5
WTRST12G02	12	G 1/4"	5,8	36,8	29,6	21	52,4
WTRST12G03		G 3/8"	6,8	37,8	29,6	21	53,0
WTRST12G04		G 1/2"	8,0	39,5	29,6	24	60,3

WTRST-N

Swivel lateral male tee NPT & UNF nickel plated





CODE	ØD	T	I	L	E	H	LB
WTRST532UF1032	5/32	UNF 10-32	0,149	0,905	0,728	0,437	0,022
WTRST532N01		N 1/8"	0,295	0,984	0,728	0,437	0,023
WTRST532N02		N 1/4"	0,413	1,141	0,728	0,562	0,036
WTRST316UF1032	3/16	UNF 10-32	0,149	0,905	0,740	0,437	0,029
WTRST316N01		N 1/8"	0,295	1,003	0,740	0,437	0,031
WTRST316N02		N 1/4"	0,413	1,141	0,740	0,562	0,040
WTRST316N03		N 3/8"	0,433	1,181	0,740	0,685	0,052
WTRST1-4UF1032	1/4	UNF 10-32	0,149	0,972	0,759	0,5	0,031
WTRST1-4N01		N 1/8"	0,295	1,023	0,759	0,5	0,032
WTRST1-4N02		N 1/4"	0,413	1,161	0,759	0,562	0,042
WTRST1-4N03		N 3/8"	0,433	1,200	0,759	0,685	0,055
WTRST516N01	5/16	N 1/8"	0,295	1,159	0,895	0,562	0,046
WTRST516N02		N 1/4"	0,413	1,277	0,895	0,562	0,046
WTRST516N03		N 3/8"	0,433	1,316	0,895	0,685	0,063
WTRST38N01	3/8	N 1/8"	0,295	1,377	1,062	0,685	0,083
WTRST38N02		N 1/4"	0,413	1,496	1,062	0,685	0,085
WTRST38N03		N 3/8"	0,433	1,515	1,062	0,685	0,083
WTRST38N04		N 1/2"	0,551	1,653	1,062	0,874	0,120
WTRST1-2N02	1/2	N 1/4"	0,413	1,555	1,165	0,874	0,116
WTRST1-2N03		N 3/8"	0,433	1,574	1,165	0,874	0,121
WTRST1-2N04		N 1/2"	0,551	1,692	1,165	0,874	0,131

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