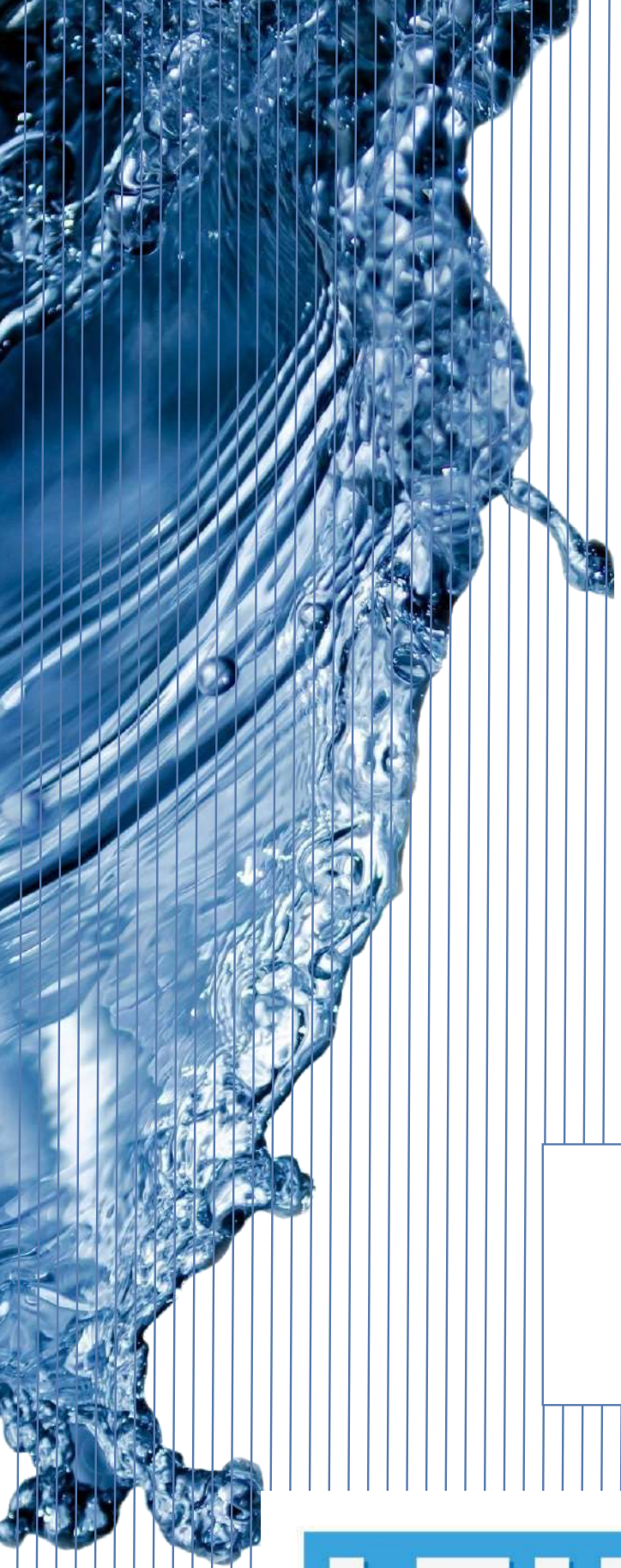


WTR series push-in swivel female banjo elbow BSPT, BSPP, metric, NPT and UNF thread

WTRHF-R / WTRHF-G / WTRHF-N - Tierre

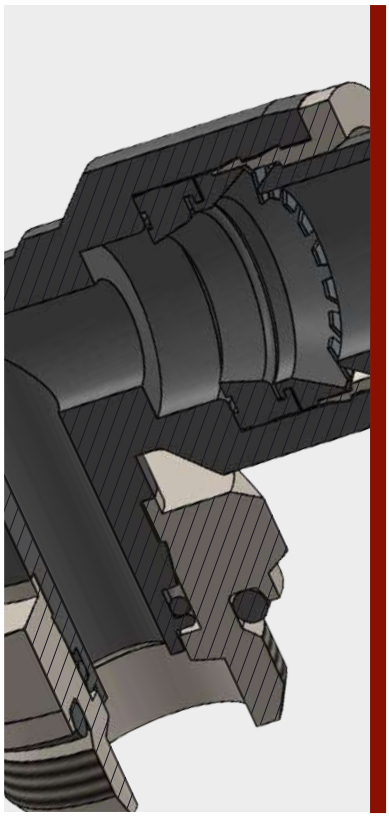
LTH

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

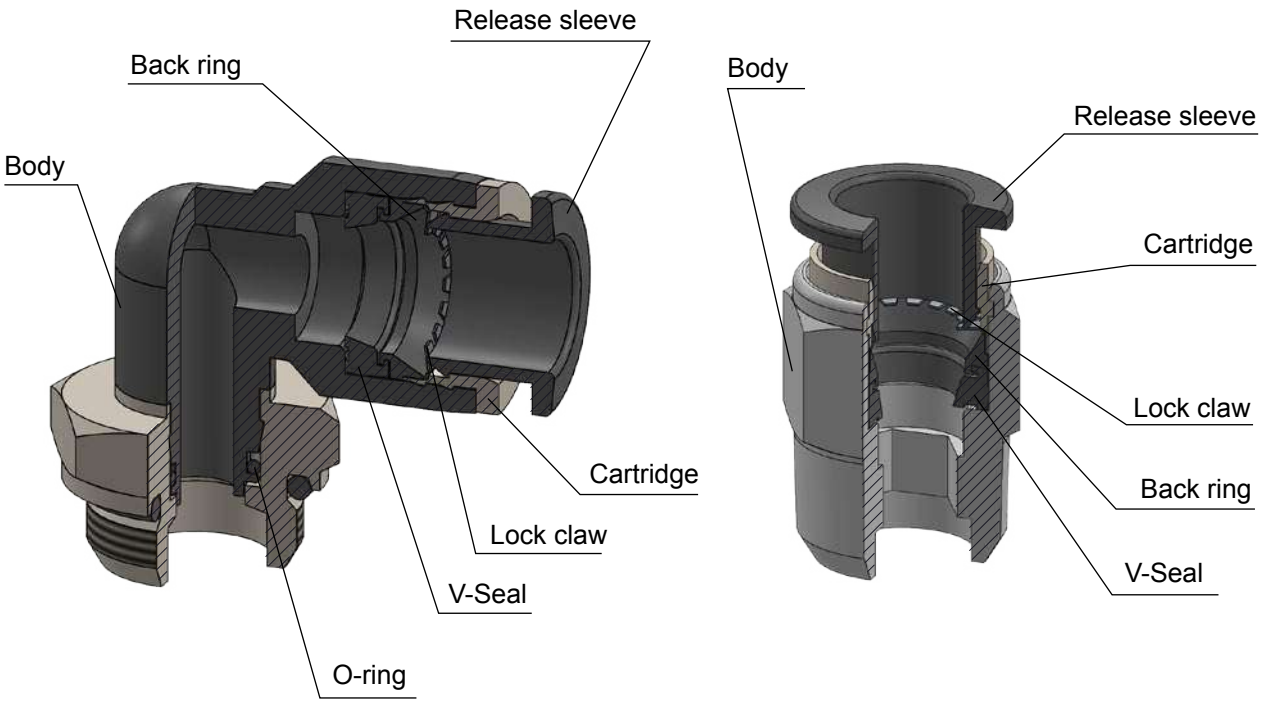
Body: nickel plated brass and high performance BPT
Release sleeve: acetal resin POM
Cartridge: nickel plated zinc
Lock claw: stainless steel AISI 301
Back ring: POM
O-ring: NBR silicon free
V-Seal: NBR silicon free

REACH Products in compliance with the directive 1907/2006

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

SILICON FREE

CONSTRUCTION DETAILS

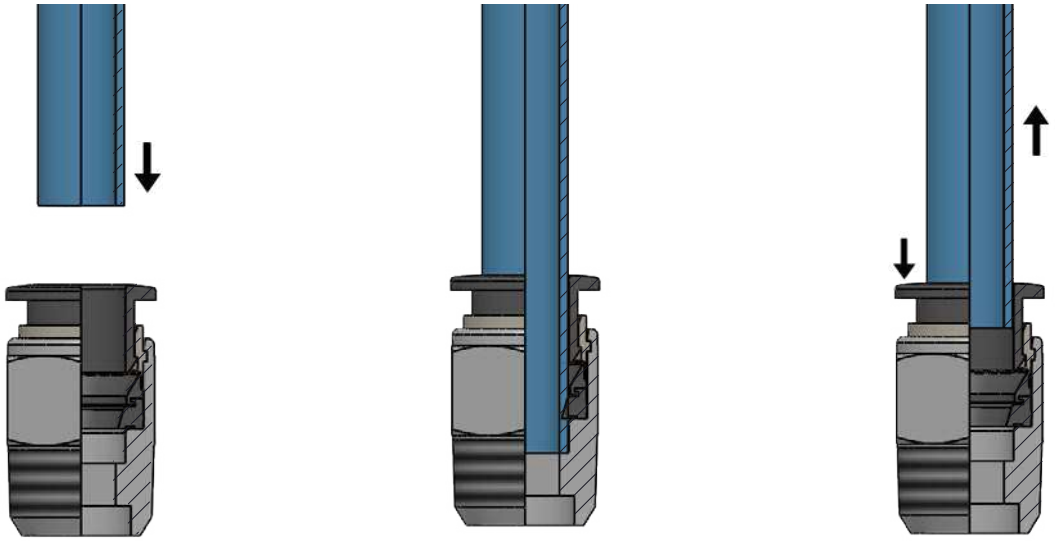


INSERTION OF THE TUBE INTO THE FITTING

- 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

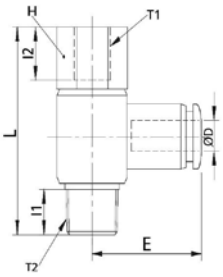
TOLERANCE - INCH TUBE

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

WTRHF-R

Swivel female banjo elbow BSPT thread nickel plated



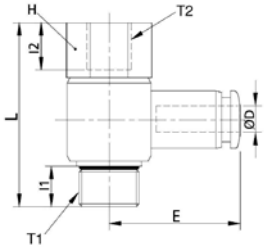


CODE	ØD	T1	T2	I1	I2	H	L	E	GR.
WTRHF04R01	4	G 1/8"	R 1/8"	7,0	7,0	14	29,0	22,3	16,4
WTRHF04R02		G 1/4"	R 1/4"	9,5	9,0	17	33,3	24,1	27,4
WTRHF06R01	6	G 1/8"	R 1/8"	7,0	7,0	14	29,0	23,1	17,0
WTRHF06R02		G 1/4"	R 1/4"	9,5	9,0	17	33,3	25,1	28,0
WTRHF06R03		G 3/8"	R 3/8"	10,5	10,0	19	39,9	26,8	44,8
WTRHF08R01	8	G 1/8"	R 1/8"	7,0	7,0	14	29,0	25,6	17,8
WTRHF08R02		G 1/4"	R 1/4"	9,5	9,0	17	33,3	28,6	28,8
WTRHF08R03		G 3/8"	R 3/8"	10,5	10,0	19	39,9	29,6	45,4
WTRHF08R04		G 1/2"	R 1/2"	13,5	12,0	24	46,5	32,6	71,9
WTRHF10R02	10	G 1/4"	R 1/4"	9,5	9,0	17	33,3	31,0	32,2
WTRHF10R03		G 3/8"	R 3/8"	10,5	10,0	19	39,9	31,6	48,8
WTRHF10R04		G 1/2"	R 1/2"	13,5	12,0	24	46,5	34,6	75,3
WTRHF12R02	12	G 1/4"	R 1/4"	9,5	9,0	17	33,3	33,5	33,7
WTRHF12R03		G 3/8"	R 3/8"	10,5	10,0	19	39,9	35,6	50,4
WTRHF12R04		G 1/2"	R 1/2"	13,5	12,0	24	46,5	36,6	76,8

WTRHF-G

Swivel female banjo elbow BSPP & metric thread nickel plated



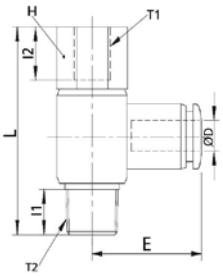


CODE	ØD	T1	T2	I1	I2	H	L	E	GR.
WTRHF04M5	4	M5x0,8	M5x0,8	4,0	5,5	10	20,5	20,0	8,3
WTRHF04M6		M6x1	M6x1	4,5	6,0	10	21,0	20,0	8,3
WTRHF04G01		G 1/8"	G 1/8"	5,5	7,0	14	30,0	22,3	18,4
WTRHF06M5	6	M5x0,8	M5x0,8	4,0	5,5	10	20,5	21,9	8,9
WTRHF06M6		M6x1	M6x1	4,5	6,0	10	21,0	21,9	8,9
WTRHF06G01		G 1/8"	G 1/8"	5,5	7,0	14	30,0	23,1	19,0
WTRHF06G02		G 1/4"	G 1/4"	6,5	9,0	17	33,7	25,1	30,5
WTRHF08G01	8	G 1/8"	G 1/8"	5,5	7,0	14	30,0	25,6	19,8
WTRHF08G02		G 1/4"	G 1/4"	6,5	9,0	17	33,7	28,6	31,3
WTRHF08G03		G3/8"	G 3/8"	7,5	10,0	19	39,7	29,6	47,9
WTRHF10G02	10	G 1/4"	G 1/4"	6,5	9,0	17	33,7	31,1	34,7
WTRHF10G03		G3/8"	G3/8"	7,5	10,0	19	39,7	31,6	51,3
WTRHF12G03	12	G3/8"	G3/8"	7,5	10,0	19	39,7	35,6	52,9
WTRHF12G04		G1/2"	G1/2"	9,0	12,0	24	45,0	36,6	77,3

WTRHF-N

Swivel female banjo elbow NPT & UNF thread nickel plated





CODE	ØD	T1	T2	I1	I2	H	B	E	LB
WTRHF532UF1032	5/32	UNF 10-32	UNF 10-32	0,149	0,216	0,437	0,767	0,787	0,034
WTRHF532N01		N 1/8"	N 1/8"	0,295	0,295	0,562	1,181	0,877	0,036
WTRHF532UF1032	3/16	UNF 10-32	UNF 10-32	0,149	0,216	0,437	0,767	0,799	0,035
WTRHF316N01		N 1/8"	N 1/8"	0,295	0,295	0,562	1,181	0,889	0,037
WTRHF316N02		N 1/4"	N 1/4"	0,413	0,413	0,685	1,409	0,956	0,061
WTRHF1-4N01	1/4	N 1/8"	N 1/8"	0,295	0,295	0,562	1,181	0,909	0,037
WTRHF1-4N02		N 1/4"	N 1/4"	0,413	0,413	0,685	1,409	0,988	0,061
WTRHF516N01	5/16	N 1/8"	N 1/8"	0,295	0,295	0,562	1,181	1,007	0,039
WTRHF516N02		N 1/4"	N 1/4"	0,413	0,413	0,685	1,409	1,125	0,063
WTRHF516N03		N 3/8"	N 3/8"	0,433	0,433	0,874	1,610	1,165	0,100
WTRHF38N02	3/8	N 1/4"	N 1/4"	0,413	0,413	0,685	1,409	1,220	0,070
WTRHF38N03		N 3/8"	N 3/8"	0,433	0,433	0,874	1,610	1,244	0,107
WTRHF1-2N03	1/2	N 3/8"	N 3/8"	0,433	0,433	0,874	1,610	1,401	0,111
WTRHF1-2N04		N 1/2"	N 1/2"	0,551	0,551	1	1,929	1,440	0,170

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