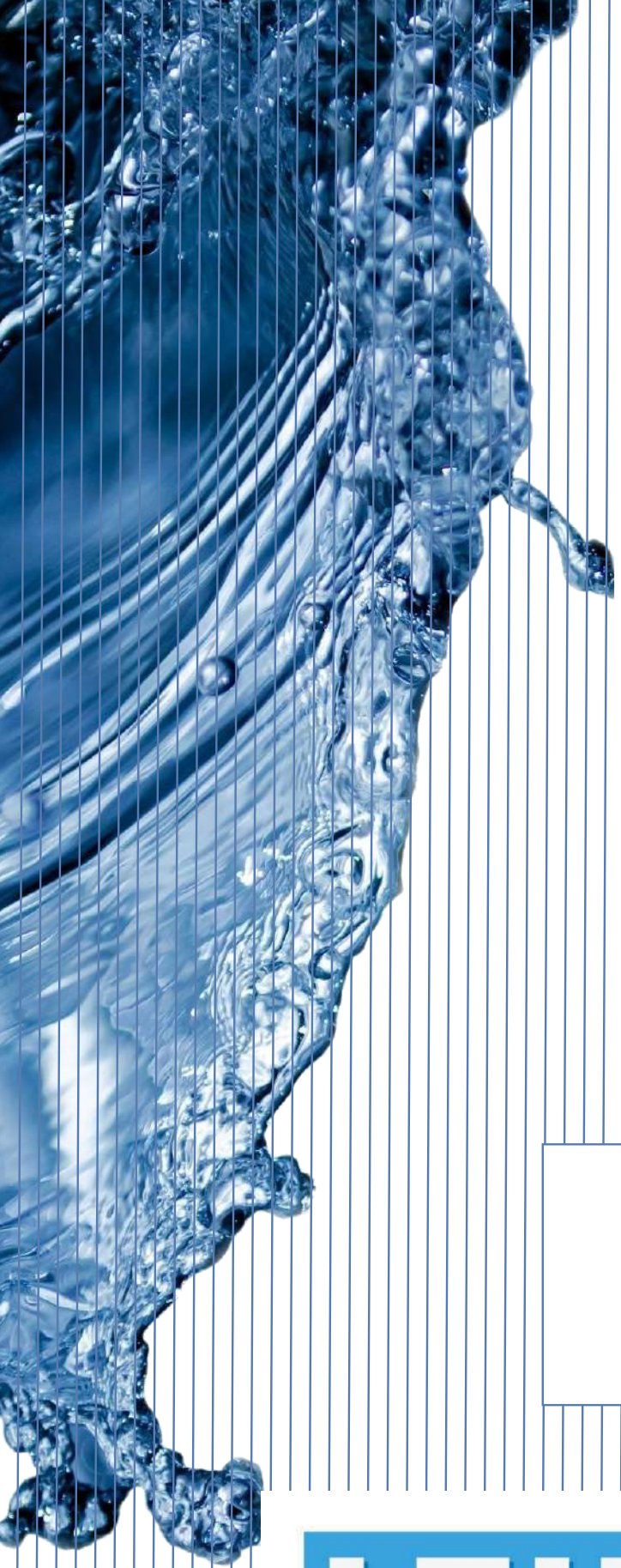


WTR series push-in straight male connector with internal hexagon BSPT, BSPP, metric, NPT and UNF thread

WTRC-R / WTRC-G / WTRC-N - Tierre

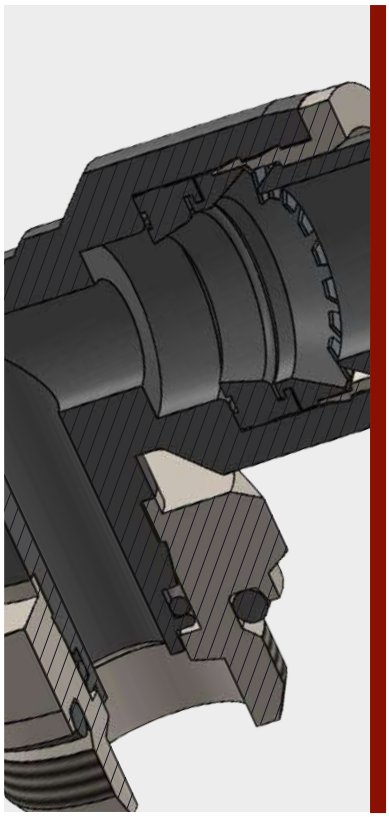
LTH

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

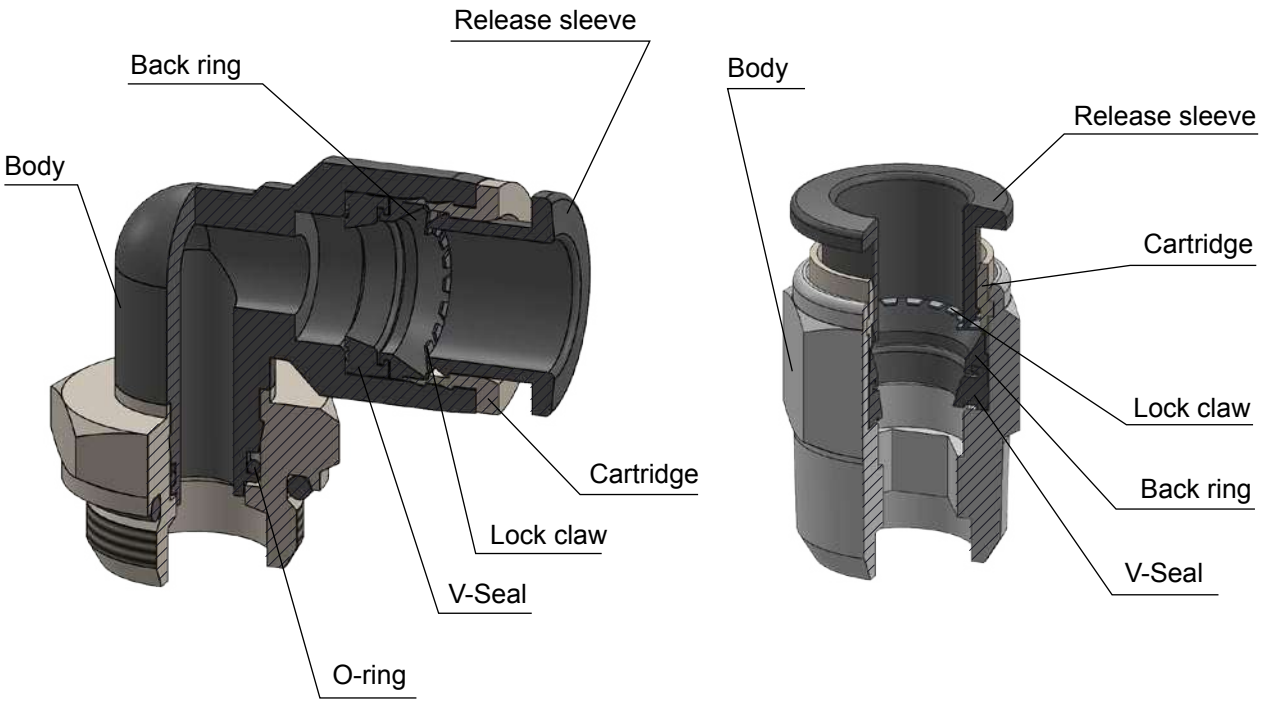
Body: nickel plated brass and high performance BPT
Release sleeve: acetal resin POM
Cartridge: nickel plated zinc
Lock claw: stainless steel AISI 301
Back ring: POM
O-ring: NBR silicon free
V-Seal: NBR silicon free

REACH Products in compliance with the directive 1907/2006

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

SILICON FREE

CONSTRUCTION DETAILS

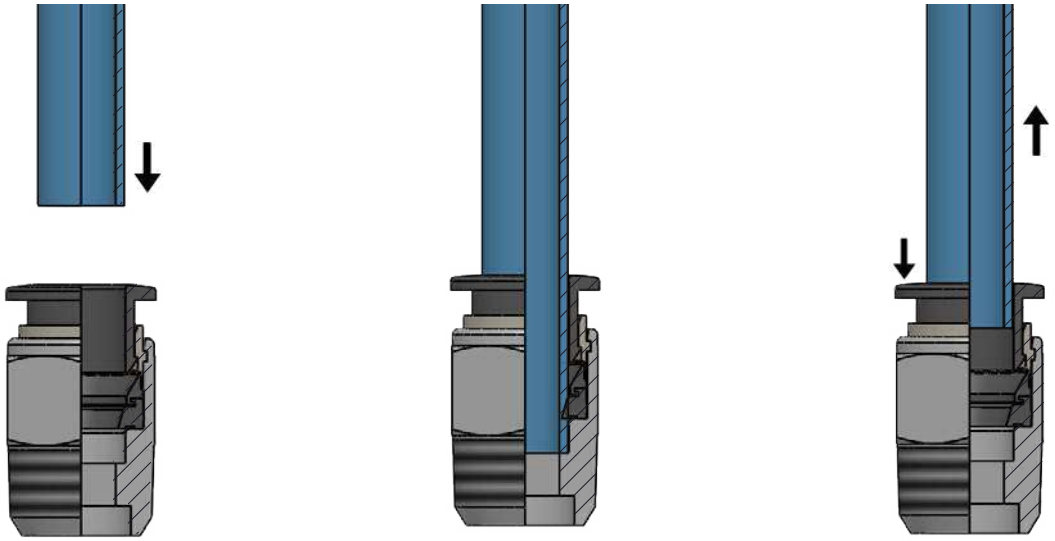


INSERTION OF THE TUBE INTO THE FITTING

- 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

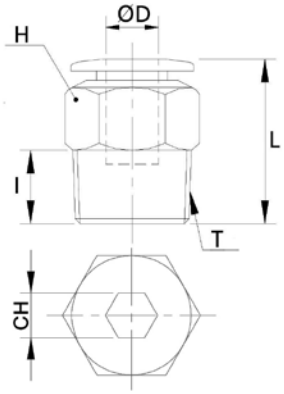
TOLERANCE - INCH TUBE

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

WTRC-R

Male connector with internal hexagon BSPT thread nickel plated



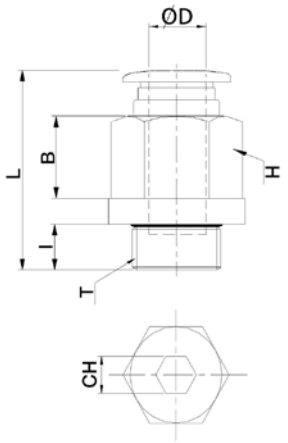


CODE	ØD	T	I	L	CH	H	GR.
WTRC04R01	4	R 1/8"	7,0	19,3	3,0	10	6,2
WTRC04R02		R 1/4"	9,5	17,9	3,0	14	9,8
WTRC06R01	6	R 1/8"	7,0	20,4	4,0	12	6,9
WTRC06R02		R 1/4"	9,5	22,7	4,0	14	13,3
WTRC06R03		R 3/8"	10,5	20,7	4,0	17	19,9
WTRC06R04		R 1/2"	13,5	24,7	4,0	21	39,8
WTRC08R01	8	R 1/8"	7,0	25,4	5,0	14	10,0
WTRC08R02		R 1/4"	9,5	24,9	6,0	14	11,9
WTRC08R03		R 3/8"	10,5	21,9	6,0	17	17,5
WTRC08R04		R 1/2"	13,5	25,9	6,0	21	37,6
WTRC10R01	10	R 1/8"	7,0	27,7	5,0	17	16,4
WTRC10R02		R 1/4"	9,5	29,5	6,0	17	18,6
WTRC10R03		R 3/8"	10,5	27,0	8,0	17	20,7
WTRC10R04		R 1/2"	13,5	25,3	8,0	21	34,6
WTRC12R02	12	R 1/8"	9,5	32,9	6,0	20	24,5
WTRC12R03		R 1/4"	10,5	29,9	8,0	20	25,3
WTRC12R04		R 1/4"	13,5	32,9	8,0	21	41,0
WTRC16R03	16	R 1/8"	10,5	37,6	8,0	24	42,0
WTRC16R04		R 1/4"	13,5	35,6	10,0	24	42,1

WTRC-G

Male connector with internal hexagon BSPP & metric thread nickel plated



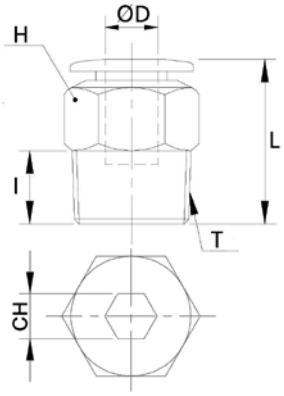


CODE	ØD	T	I	L	B	CH	H	GR.
WTR04M5	4	M5x0,8	3,8	20,1	10,5	2,0	10	5,7
WTR04M6		M6x1	4,5	20,8	10,5	2,5	10	6,1
WTR04M7		M7x1	4,5	20,8	10,5	3,0	10	6,9
WTR04G01		G 1/8"	5,0	19,3	7,4	3,0	10	7,4
WTR04G02		G 1/4"	5,8	16,6	3,9	3,0	10	9,4
WTR06M5	6	M5x0,8	3,8	21,2	10,5	2,0	12	7,4
WTR06M6		M6x1	4,5	21,7	10,5	2,5	12	7,0
WTR06M7		M7x1	4,5	21,9	10,5	3,0	12	7,2
WTR06G01		G 1/8"	5,0	19,9	6,7	4,0	12	7,5
WTR06G02		G 1/4"	5,8	20,4	6,4	4,0	12	10,8
WTR06G03		G 3/8"	6,8	20,0	4,5	4,0	12	17,0
WTR06G04		G 1/2"	8,0	21,7	4,5	4,0	12	27,5
WTR08G01	8	G 1/8"	5,0	24,4	11,1	5,0	14	11,7
WTR08G02		G 1/4"	5,8	22,2	7,0	6,0	14	11,1
WTR08G03		G 3/8"	6,8	21,2	4,5	6,0	14	15,7
WTR08G04		G 1/2"	8,0	22,9	4,5	6,0	14	27,0
WTR10G01	10	G 1/8"	5,0	26,3	11,0	5,0	17	15,9
WTR10G02		G 1/4"	5,8	27,5	13,9	6,0	17	20,4
WTR10G03		G 3/8"	6,8	25,0	8,9	8,0	17	20,6
WTR10G04		G 1/2"	8,0	22,7	4,9	8,0	17	28,5
WTR12G02	12	G 1/4"	5,8	31,2	12,0	6,0	20	26,3
WTR12G03		G 3/8"	6,8	28,2	11,0	8,0	20	24,3
WTR12G04		G 1/2"	8,0	28,9	9,5	8,0	20	33,3
WTR14G03	14	G 3/8"	6,8	31,8	13,0	8,0	21	30,0
WTR14G04		G 1/2"	8,0	29,5	10,0	10,0	24	20,0
WTR16G03	16	G 3/8"	6,8	34,9	14,5	8,0	24	42,0
WTR16G04		G 1/2"	8,0	36,1	18,0	10,0	24	50,7

WTRC-N

Male connector with internal hexagon NPT & UNF thread nickel plated





CODE	ØD	T	I	L	CH	H	LB
WTRC532UF1032	5/32	UNF 10-32	0,149	0,799	0,093	0,437	0,012
WTRC532N01		N 1/8"	0,295	0,779	0,093	0,437	0,013
WTRC532N02		N 1/4"	0,413	0,744	0,093	0,562	0,021
WTRC316UF1032	3/16	UNF 10-32	0,149	0,822	0,093	0,437	0,014
WTRC316N01		N 1/8"	0,295	0,811	0,156	0,437	0,027
WTRC316N02		N 1/4"	0,413	0,933	0,156	0,562	0,041
WTRC316N03		N 3/8"	0,433	0,834	0,156	0,578	0,083
WTRC1-4UF1032	1/4	UNF 10-32	0,149	0,834	0,093	0,5	0,015
WTRC1-4N01		N 1/8"	0,295	0,822	0,156	0,5	0,029
WTRC1-4N02		N 1/4"	0,413	0,933	0,156	0,562	0,043
WTRC1-4N03		N 3/8"	0,433	0,834	0,156	0,685	0,087
WTRC516N01	5/16	N 1/8"	0,295	1,019	0,187	0,562	0,022
WTRC516N02		N 1/4"	0,143	1,019	0,218	0,562	0,026
WTRC516N03		N 3/8"	0,433	0,881	0,218	0,685	0,038
WTRC38N01	3/8	N 1/8"	0,295	1,110	0,187	0,685	0,036
WTRC38N02		N 1/4"	0,143	1,200	0,218	0,685	0,041
WTRC38N03		N 3/8"	0,433	1,011	0,312	0,685	0,045
WTRC38N04		N 1/2"	0,551	1,015	0,312	0,874	0,076
WTRC1-2N02	1/2	N 1/4"	0,413	1,334	0,250	0,874	0,054
WTRC1-2N03		N 3/8"	0,433	1,196	0,312	0,874	0,055
WTRC1-2N04		N 1/2"	0,551	1,314	0,312	0,874	0,090

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