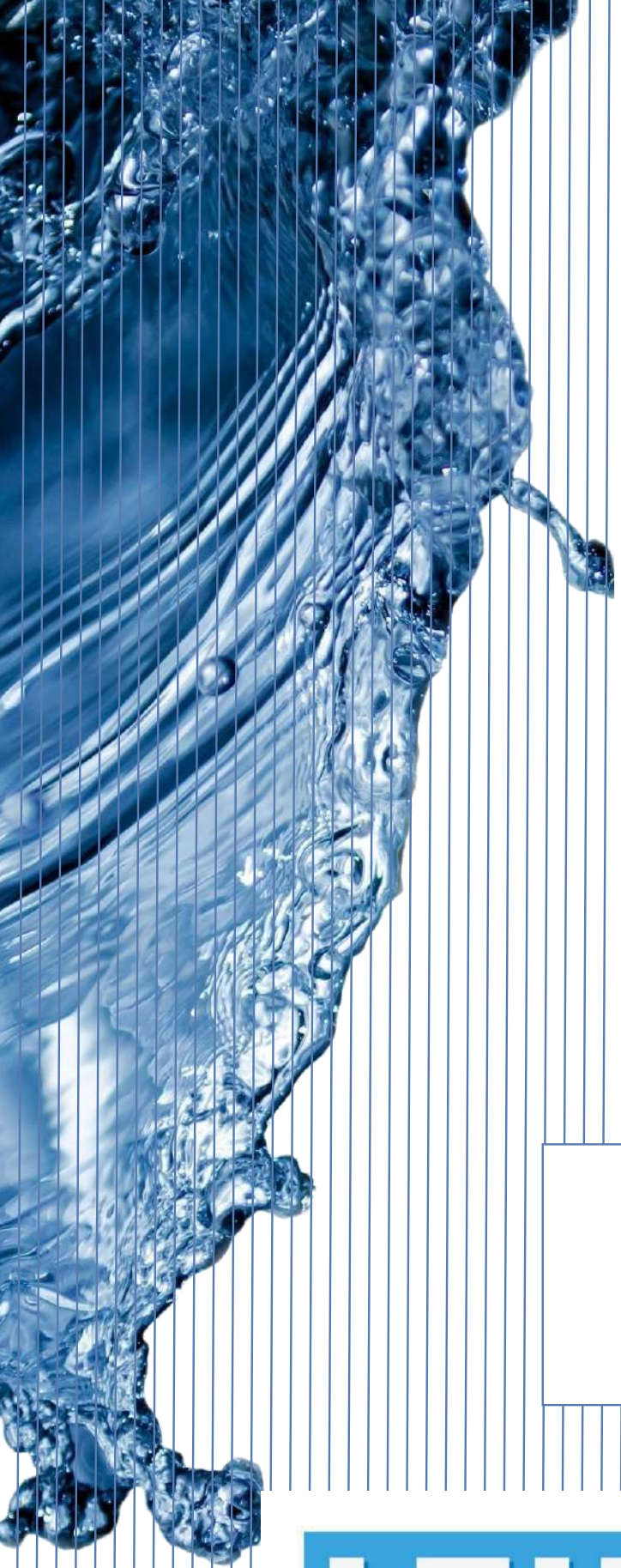


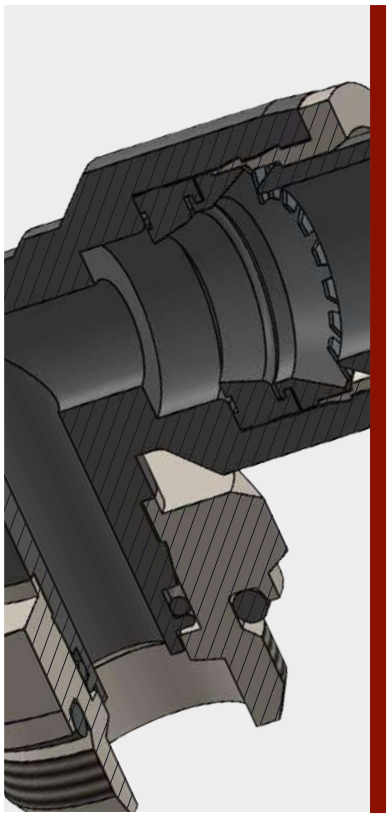
WTR series push-in bulkhead female connector BSPP and NPT thread
WTRMF-G / WTRMF-N - Tierre

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

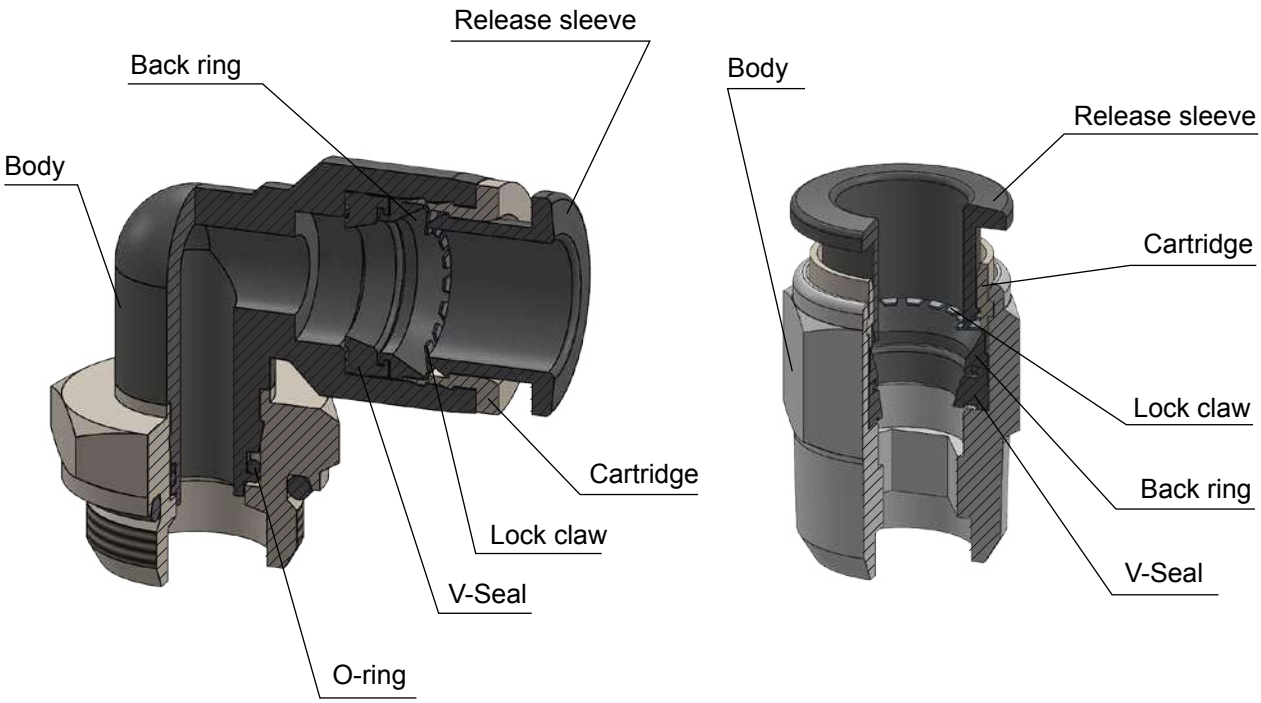
Body: nickel plated brass and high performance BPT
Release sleeve: acetal resin POM
Cartridge: nickel plated zinc
Lock claw: stainless steel AISI 301
Back ring: POM
O-ring: NBR silicon free
V-Seal: NBR silicon free

REACH Products in compliance with the directive 1907/2006

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

SILICON FREE

CONSTRUCTION DETAILS

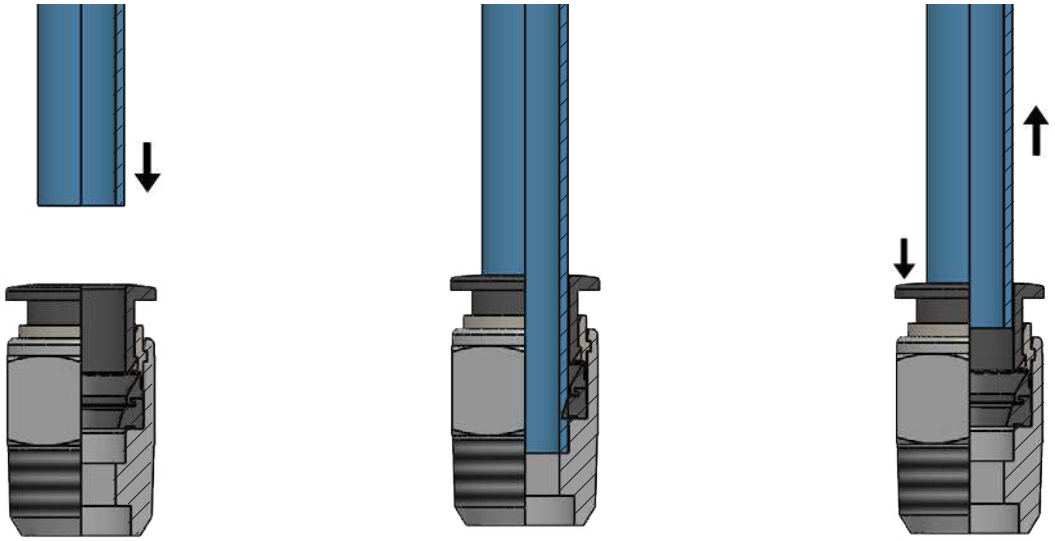


INSERTION OF THE TUBE INTO THE FITTING

- 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

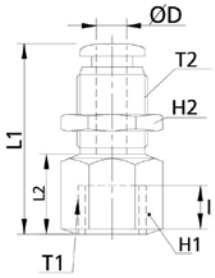
TOLERANCE - INCH TUBE

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

WTRMF-G

Bulkhead female connector BSPP thread nickel plated



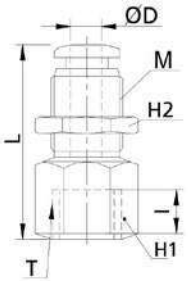


CODE	ØD	T1	T2	I	H1	H2	L1	L2	GR.
WTRMF04G01	4	G 1/8"	M12x1	7,0	14	14	23,3	9,5	15,5
WTRMF04G02		G 1/4"	M12x1	9,0	17	14	25,4	11,6	20,4
WTRMF06G01	6	G 1/8"	M14x1	7,0	17	17	24,2	7,0	26,3
WTRMF06G02		G 1/4"	M14x1	9,0	17	17	29,2	12,0	26,5
WTRMF06G03		G 3/8"	M14x1	10,0	19	17	30,2	13,0	35,1
WTRMF08G01	8	G 1/8"	M16x1	7,0	19	19	27,4	5,0	32,0
WTRMF08G02		G 1/4"	M16x1	9,0	19	19	34,4	12,0	42,4
WTRMF08G03		G 3/8"	M16x1	10,0	19	19	34,4	13,0	42,4
WTRMF08G04		G 1/2"	M16x1	12,0	24	19	36,4	15,0	47,7
WTRMF10G01	10	G 1/8"	M20x1	7,0	21	24	28,4	7,7	52,8
WTRMF10G02		G 1/4"	M20x1	9,0	21	24	30,4	9,7	53,5
WTRMF10G03		G 3/8"	M20x1	10,0	21	24	33,7	13,0	53,8
WTRMF10G04		G 1/2"	M20x1	12,0	24	24	35,7	15,0	58,8
WTRMF12G02	12	G 1/4"	M22x1	9,0	24	27	33,5	9,1	68,2
WTRMF12G03		G 3/8"	M22x1	10,0	24	27	34,4	10,0	62,7
WTRMF12G04		G 1/2"	M22x1	12,0	24	27	39,4	15,0	62,3

WTRMF-N

Bulkhead female connector NPT thread nickel plated





CODE	ØD	T	M	I	H1	H2	L	LB
WTRMF532N01	5/32	N 1/8"	M12X1	0,295	0,562	0,562	0,937	0,034
WTRMF316N02	3/16	N 1/4"	M14X1	0,413	0,685	0,685	1,196	0,055
WTRMF1-4N01	1/4	N 1/8"	M14X1	0,295	0,685	0,685	0,972	0,057
WTRMF1-4N02	1/4	N 1/4"	M14X1	0,413	0,685	0,685	1,196	0,058
WTRMF516N01	5/16	N 1/8"	M16X1	0,295	0,685	0,748	1,098	0,070
WTRMF516N02	5/16	N 1/4"	M16X1	0,413	0,748	0,748	1,413	0,093
WTRMF516N03	5/16	N 3/8"	M16X1	0,433	0,748	0,748	1,393	0,093
WTRMF38N02	3/8	N 1/4"	M20X1	0,413	0,874	0,874	1,255	0,117
WTRMF38N03	3/8	N 3/8"	M20X1	0,433	0,874	0,874	1,366	0,118
WTRMF1-2N03	1/2	N 3/8"	M22X1	0,433	1,0	1,0	1,393	0,138
WTRMF1-2N04	1/2	N 1/2"	M22X1	0,551	1,0	1,0	1,629	0,137

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