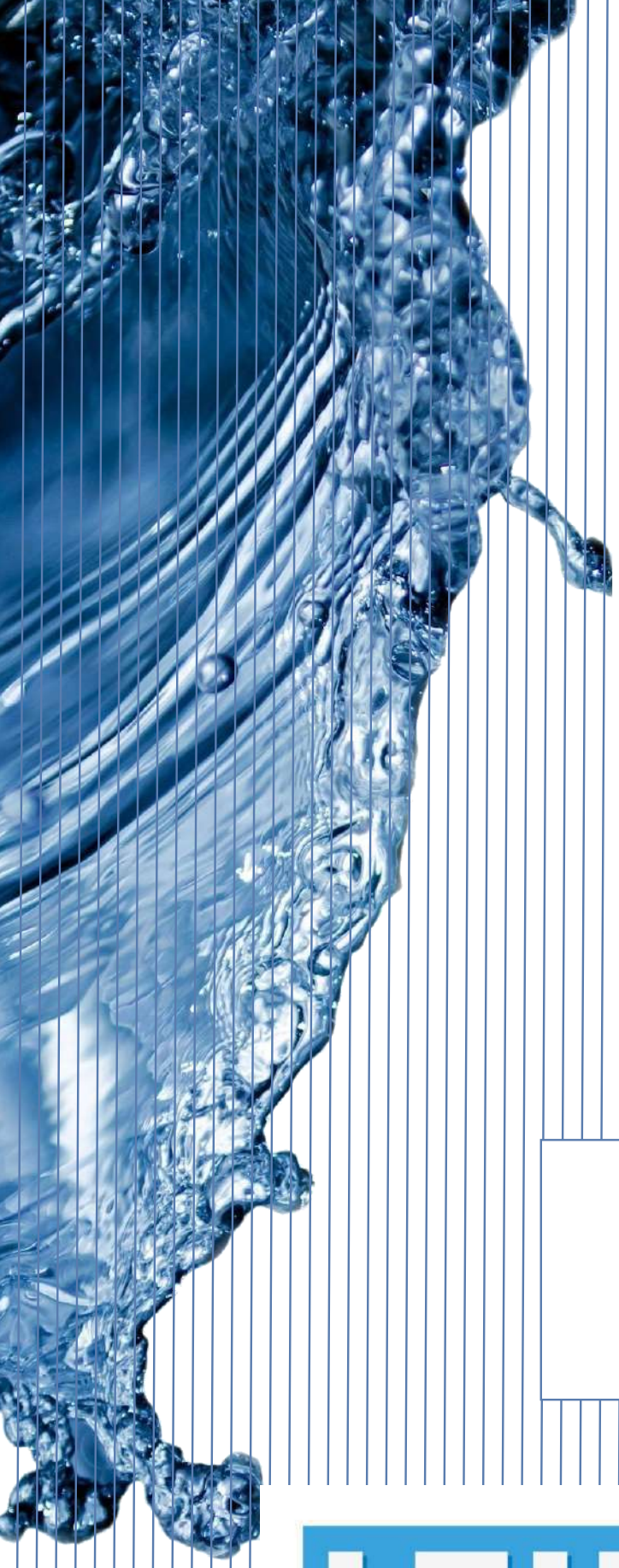


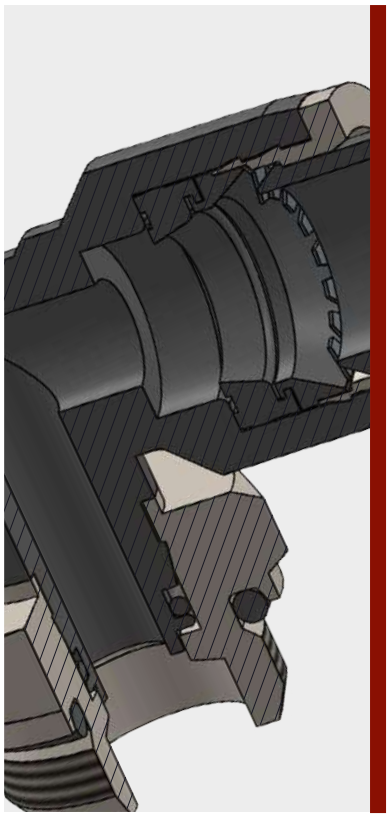
WTR series push-in reducer
WTRGJ / WTRGJ-N - Tierre

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

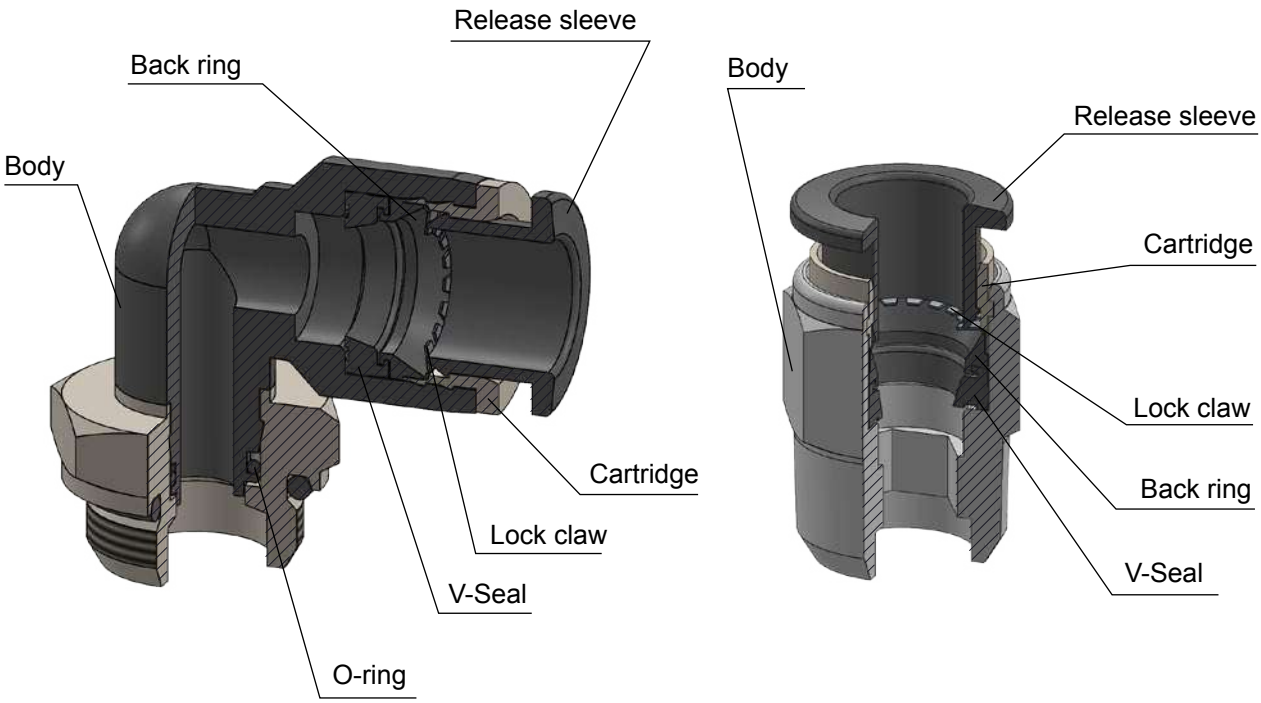
Body: nickel plated brass and high performance BPT
Release sleeve: acetal resin POM
Cartridge: nickel plated zinc
Lock claw: stainless steel AISI 301
Back ring: POM
O-ring: NBR silicon free
V-Seal: NBR silicon free

REACH Products in compliance with the directive 1907/2006

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

SILICON FREE

CONSTRUCTION DETAILS

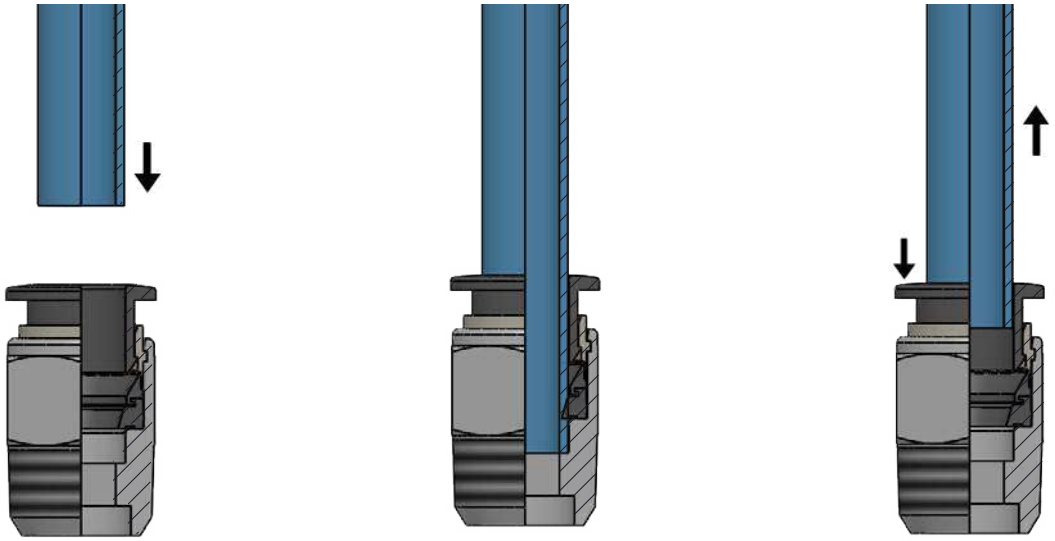


INSERTION OF THE TUBE INTO THE FITTING

- 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

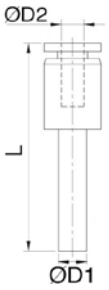
TOLERANCE - INCH TUBE

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

WTRGJ

Reducer



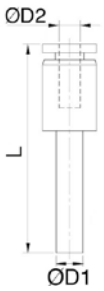


CODE	ØD1	ØD2	L	GR.
WTRGJ0604	6	4	39,5	1,4
WTRGJ0804	8	4	41,5	2,7
WTRGJ0806	8	6	41,8	2,0
WTRGJ1006	10	6	46,8	3,8
WTRGJ1008	10	8	47,3	2,8
WTRGJ1206	12	6	51,8	7,7
WTRGJ1208	12	8	52,3	6,4
WTRGJ1210	12	10	51,5	4,2

WTRGJ-N

Reducer





CODE	ØD1	ØD2	L	LB
WTRGJ1-4-532	1/4	5/32	1,555	0,003
WTRGJ516-532	5/16	5/32	1,633	0,005
WTRGJ516-1-4	5/16	1/4	1,645	0,004
WTRGJ38-1-4	3/8	1/4	1,830	0,008
WTRGJ38-516	3/8	5/16	1,830	0,006
WTRGJ1-2-1-4	1/2	1/4	2,039	0,016
WTRGJ1-2-516	1/2	5/16	2,059	0,014
WTRGJ1-2-38	1/2	3/8	2,027	0,009

LubeTeam Hydraulic S.r.l.
Administration and Headquarter:
Via Tufara Scautieri, 6
83018 - San Martino Valle Caudina (AV)
Office and Warehouse:
S.S. 7 Appia, Km. 237,00
82011 - Airola BN
ITALY

Tel. +39 0823 950 994
Fax +39 0823 412 546

www.lubeteam.it info@lubeteam.it

Italian VAT / C.F. e P.IVA: 01251720627

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