

## ACCESSORIES FOR STAINLESS STEEL AND BRASS MANIFOLDS

### Accessories shape:

Polymer. Excellent resistance to temperature, to pressure and buckling.

Minimal thermal expansion.

### Transparent components:

PA12.

### O-ring:

EPDM Perox 70 Sh.

### Spring and lockshield pin:

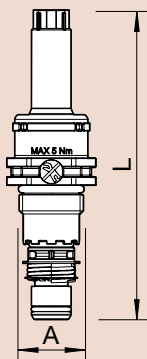
Stainless steel.





# ACCESSORIES FOR STAINLESS STEEL AND BRASS MANIFOLD

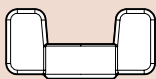
## Flow-meter on supply manifold



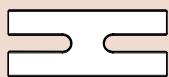
Flow-meter			
P/N	A	B	FLOW-RATE RANGE
ITRGMD026FLM	1/2"	103	0-2,6 l/min
ITRGMD04FLM	1/2"	103	0-4 l/min
ITRGMD05FLM	1/2"	103	0-5 l/min

Bar outer diameter: Ø 41 mm  
Item to be combined with P/N NNIDM1/2-3/4 or equivalent

## Accessories for flow-meter



Adjusting key	
P/N	COLOUR
UT30	black
UT30/001	red



Memory ring	
P/N	COLOUR
RTRGMD-MEM-A	red

Please contact our technical-sales department for all your needs.

# TECHNICAL DATASHEET

## Flow-Meter For Supply Manifold of 2,6 L/min P/N: ITRGMD026FLM

PERFORMANCES	
Fluids accepted	water, glycol solutions
% glycol max	50%
Working temperature	5÷55 °C
Max temperature	90 °C at 3 bar
Working pressure	0÷6 bar
Max pressure	10 bar
Burst pressure	> 22 bar at room temperature > 15 bar at 50 °C
Flow-rate range	0÷2,6 l/min
Accuracy of measurement	+ 15%
Max torque to adjust the flow-rate	1 N•m <small>please use the proper adjusting key</small>
Max torque to lock the flow-meter to the manifold	Max 5 N•m
Suggested glue to lock the flow-meter	Loctite 5331

KV FLOW COEFFICIENT	
Kv flow coefficient with flow-meter fully open	0,22
Kv flow coefficient with flow-meter at 2,6 L/min	0,15
Kv flow coefficient with flow-meter at 2 L/min	0,12
Kv flow coefficient with flow-meter at 1,5 L/min	0,09
Kv flow coefficient with flow-meter at 1 L/min	0,06
Kv flow coefficient with flow-meter at 0,5 L/min	0,03

MATERIALS	
PA12 / FG30% / PA12	AISI
PA6,6 FG30%	EPDM Perox
POM	PPS

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TECHNICAL DATASHEET

Flow-Meter For Supply Manifold of 4 L/min  
P/N: ITRGMD04FLM

PRESTAZIONI	
Fluids accepted	water, glycol solutions
% glycol max	50%
Working temperature	5÷55 °C
Max temperature	90 °C at 3 bar
Working pressure	0÷6 bar
Max pressure	10 bar
Bursting pressure	> 22 bar at room temperature > 15 bar at 50 °C
Flow-rate range	0÷4 l/min
Accuracy of measurement	+ 15%
Max torque to adjust the flow-rate	1 N•m <small>please use the proper adjusting key</small>
Max torque to lock the flow-meter to the manifold	Max 5 N•m
Suggested glue to lock the flow-meter	Loctite 5331

KV FLOW COEFFICIENT	
Kv flow coefficient with flow-meter fully open	0,78
Kv flow coefficient with flow-meter at 4 L/min	0,24
Kv flow coefficient with flow-meter at 3 L/min	0,18
Kv flow coefficient with flow-meter at 2 L/min	0,12
Kv flow coefficient with flow-meter at 1 L/min	0,06

MATERIALS	
PA12 / PA12 FG30%	AISI
PA6,6 FG30%	EPDM Perox
POM	PPS

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TECHNICAL DATASHEET

Flow-Meter For Supply Manifold of 5 L/min  
P/N: ITRGMD05FLM

PRESTAZIONI	
Fluids accepted	water, glycol solutions
% glycol max	50%
Working temperature	5÷55 °C
Max temperature	90 °C at 3 bar
Working pressure	0÷6 bar
Max pressure	10 bar
Bursting pressure	> 22 bar at room temperature > 15 bar at 50 °C
Flow-rate range	0÷4 l/min
Accuracy of measurement	+ 15%
Max torque to adjust the flow-rate	1 N•m <small>please use the proper adjusting key</small>
Max torque to lock the flow-meter to the manifold	Max 5 N•m
Suggested glue to lock the flow-meter	Loctite 5331

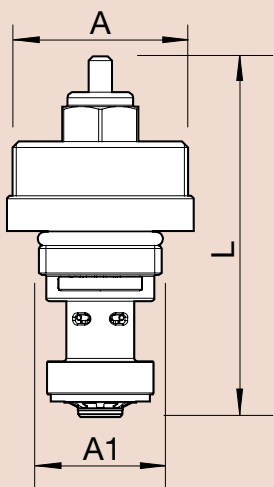
KV FLOW COEFFICIENT	
Kv flow coefficient with flow-meter fully open	0,78
Kv flow coefficient with flow-meter at 5 L/min	0,30
Kv flow coefficient with flow-meter at 4 L/min	0,24
Kv flow coefficient with flow-meter at 3 L/min	0,18
Kv flow coefficient with flow-meter at 2 L/min	0,12
Kv flow coefficient with flow-meter at 1 L/min	0,06

MATERIALS	
PA12 / PA12 FG30%	AISI
PA6,6 FG30%	EPDM Perox
POM	PPS

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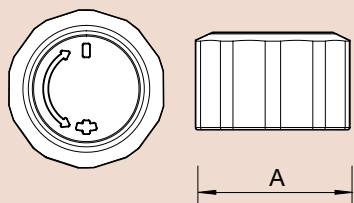
# ACCESSORIES FOR STAINLESS STEEL AND BRASS MANIFOLD



## Lockshield M30x1.5

Lockshield			
P/N	A	A1	L
RTEV-OR	M30x1.5	1/2"	61.5
Bar outer diameter: Ø 41mm Item to be combined with P/N: NNIDM1/2-3/4 or equivalent			

## Accessories for Lockshield



Cap for lockshield		
P/N	A	COLOUR
QTEV-PB	M30x1.5	red
QTEV-PB/001	M30x1.5	blue
QTEV-PB/002	M30x1.5	grey
QTEV-PB/003	M30x1.5	orange
QTEV-PB/004	M30x1.5	black

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# TECHNICAL DATASHEET

## LOCKSHIELD FOR MANIFOLD P/N: RTEV-OR

PERFORMANCES	
Fluids accepted	water, glycol solutions
% glycol max	50%
Working temperature	5÷55 °C
Max temperature	90 °C at 3 bar
Working pressure	0÷6 bar
Max pressure	10 bar
Bursting pressure	> 22 bar at room temperature > 15 bar at 50 °C
Outer diameter ba	Ø 40,7 mm
Stroke of pin	3,8 mm
KV Flow coefficient	1,92
Max torque to lock the flow-meter to the manifold	Max 5 N•m
Suggested glue to lock the flow-meter	Loctite 5331

MATERIALS
AISI / PA6,6 FG30% / EPDM Perox



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# ACCESSORIES FOR STAINLESS STEEL AND BRASS MANIFOLD

## Accessories

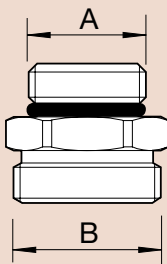
Temperature  
digital gauge

P/N	L	A	SCALE
NTER77x08-05-55	107	8	2 - 50 °C

Reducer M1/2"  
to M3/4" in brass

P/N	A	B
NNIDM1/2-3/4	1/2"	3/4"

Detailed drawing supplied upon request  
Item to be combined with the flow-meter and the lockshield



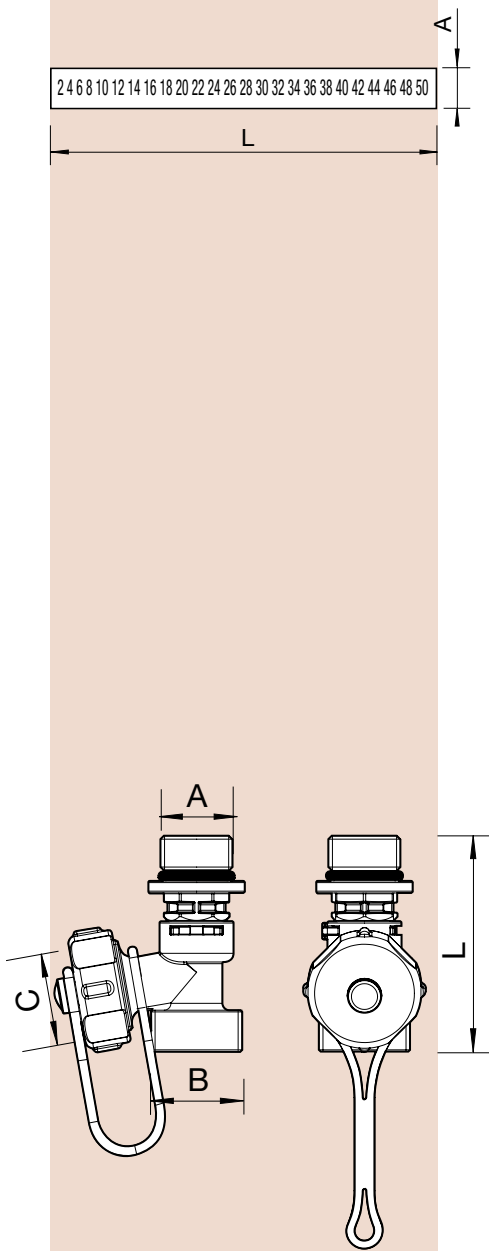
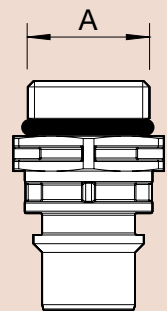
Fill/drain valve  
c/w safety cap

P/N	A	B	C	L
RTCATM1/2-3/4	1/2"	3/4"	3/4"	63

M1/2" threaded plastic  
connector to quick coupler

P/N	A
IIPU25M1/2-FL	1/2"

Item to be combined with the flow-meter and the lockshield



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# ACCESSORIES FOR STAINLESS STEEL AND BRASS MANIFOLD

## Pair of adjustable bracket for stainless steel manifold

Pair of adjustable brackets  
for stainless steel manifold

P/N	A	H	L
GTE1-ST-TL-X2R1	210	75	273

Pump distance 180 mm

Pair of adjustable brackets  
for brass manifold

P/N	A	H	L
GTE1-ST-TLA2MTR	210	75	273

Pump distance 180 mm

Pair of adjustable and staggered brackets  
for brass manifold

P/N		H	H1	L
GTE1-ST-TL3ORA2	Low version	76	59	200-250
GTE1-STTL3ORAA2	High version	96	59	200-250

Pair of adjustable and staggered brackets  
for brass manifold

P/N		H	H1	L
GTE1-ST-TL3ORO2	Low version	78,5	59	200-250
GTE1-STTL3OROA2	High version	98,5	59	200-250

Pair of adjustable and staggered brackets  
for stainless steel manifold

P/N		H	H1	L
GTE1-ST-TL3ORA	Low version	78,5	59	200-250
GTE1-ST-TL3ORA2	High version	98,5	59	200-250

Please contact our technical-sales department for all your needs.

Pair of adjustable and not staggered brackets  
for stainless manifold

P/N		H	H1	L
GTE1-ST-TL1ORO2	Low version	78,5	59	200-250
GTE1-STTL1OROA2	High version	98,5	59	200-250

Labels

P/N	L	H	COLOUR
NET-TE/002	55	230	red
NET-TE/003	55	230	blue

Plastic Tee plug for  
chromium plated brass manifold & stainless steel

P/N	A	B
RORO3V-SM-C3/4T	1"	3/4"

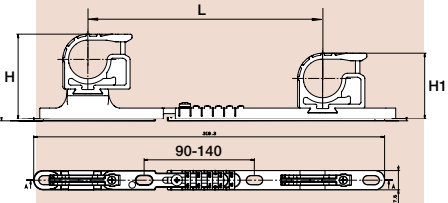
c/w temperature gauge, manual air bleed valve and fill/drain system

Plastic Tee plug for  
chromium plated brass manifold & stainless steel

P/N	A	B
RORO3V-SA-C3/4T	1"	3/4"

c/w temperature gauge, automatic air bleed valve and fill/drain system

Please contact our technical-sales department for all your needs.



Supply	Supply
Return	Return
Bathroom 3	Bathroom 3
Bathroom 2	Bathroom 2
Bathroom 1	Bathroom 1
Kitchen 2	Kitchen 2
Kitchen 1	Kitchen 1
Room 2	Room 2
Room 3	Room 3
Room 1	Room 1
children's room 3	children's room 3
children's room 2	children's room 2
children's room 1	children's room 1
Passage 2	Passage 2
Passage 1	Passage 1
Garage	Garage
Living room 4	Living room 4
Living room 3	Living room 3
Living room 2	Living room 2
Living room 1	Living room 1
Dining room 3	Dining room 3
Dining room 2	Dining room 2
Dining room 1	Dining room 1

