



claire

International Drinking Water Supply catalogue



CONSUMER HOUSE CONNECTION

NETWORK SOLUTIONS

INTERVENTION SOLUTIONS

MONITORING

Fit out, Improve, Safeguard

Fit out, Improve, Safeguard



Let's conserve
the resource together
for future generations

Preserving Water resources through network performance

Committed to conserving
water resources, our actions
involve:

- Designing and manufacturing
reliable, durable equipment for
the construction, maintenance
and refurbishment of water
distribution networks to ensure
their sustainable efficacy

- Developing products for
diagnostics, monitoring and
management to improve the
water network performance

- Providing resources and
information to allow everyone
to optimise their use of water

Our mission: Conserve Water resources

Present alongside all operators at **critical points in the drinking water network**: branch lines, connection, consumer house connection, delivery points

Solutions and services to provide you with support and assistance in: **saving water, alerting you to excessive consumption and leaks, and remotely shutting off the water supply**

Connected measuring instruments and platforms to **monitor the condition and efficiency of water networks and preserve the natural environment**

Leak detection devices that can be adapted to any situation



Drinking water



Natural water



Wastewater





CONSUMER HOUSE CONNECTION

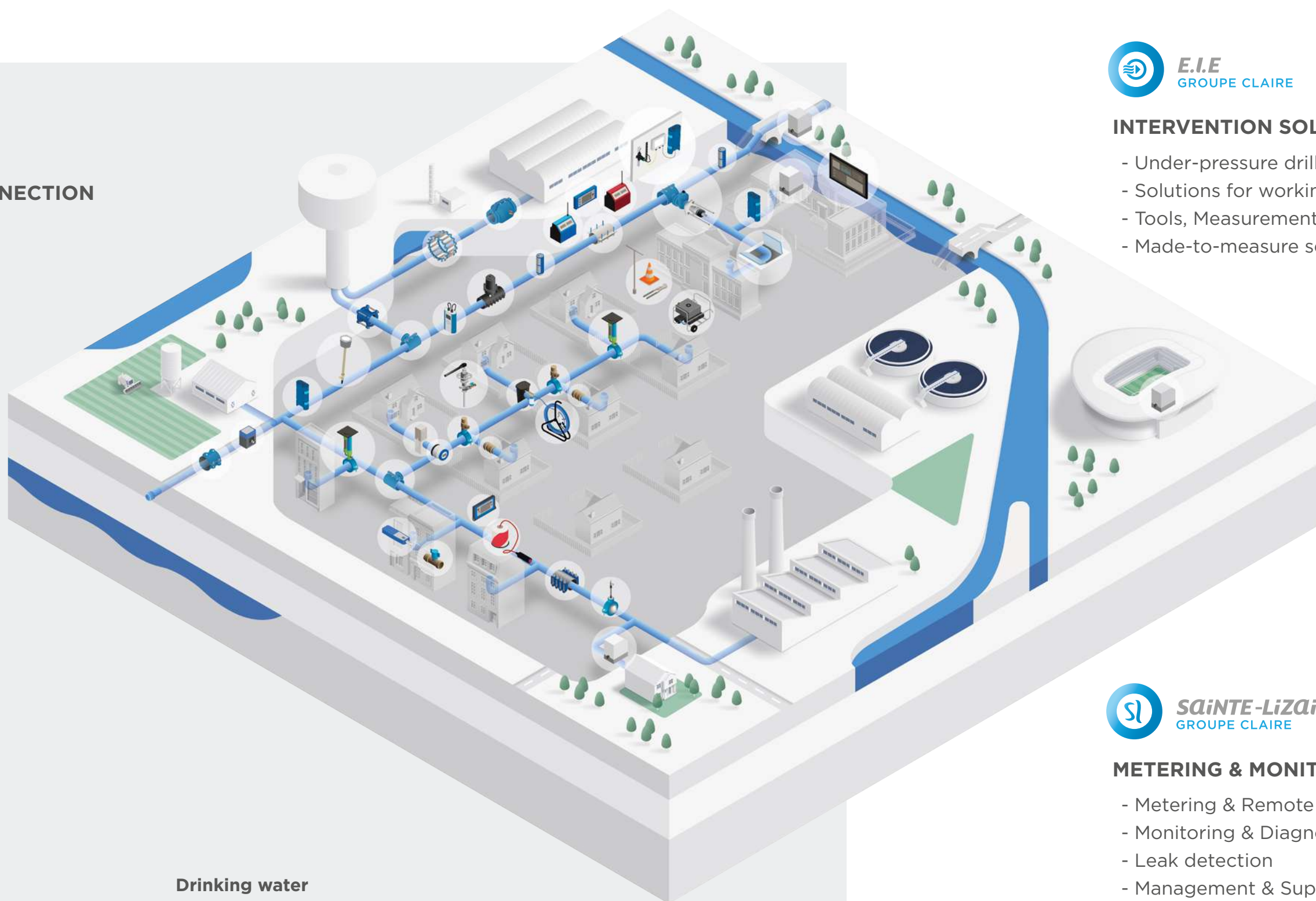
- House connection
- Boxes and Manholes
- Metering environment
- Fittings



NETWORK SOLUTIONS

- Connection & Repair
- Sectioning
- Protection
- Chambers
- Network accessories

Drinking water



INTERVENTION SOLUTIONS

- Under-pressure drilling
- Solutions for working on networks
- Tools, Measurement and Testing
- Made-to-measure services



METERING & MONITORING

- Metering & Remote meter reading
- Monitoring & Diagnostics
- Leak detection
- Management & Supervision
- Control



The sales arm of the Claire Group

A single point of entry to simplify our business relationship and improve your satisfaction.

The sales activities of EIE and SAINTE-LIZAIGNE have been transferred to CLAIRE SOLUTIONS.

It will gradually consolidate all the sales activities of our various entities.



To make ordering easier, please refer **to the name of the entity indicated in the Ref. column header**. This will tell you which company to send your order form to.

CLS: Claire Solutions

ADG: ADG

HYD: Hydroméca

For sales activities transferred to CLAIRE SOLUTIONS, please remember to address your orders to CLAIRE SOLUTIONS and send them to contact@clairesolutions.com.



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high-performance water
networks!**

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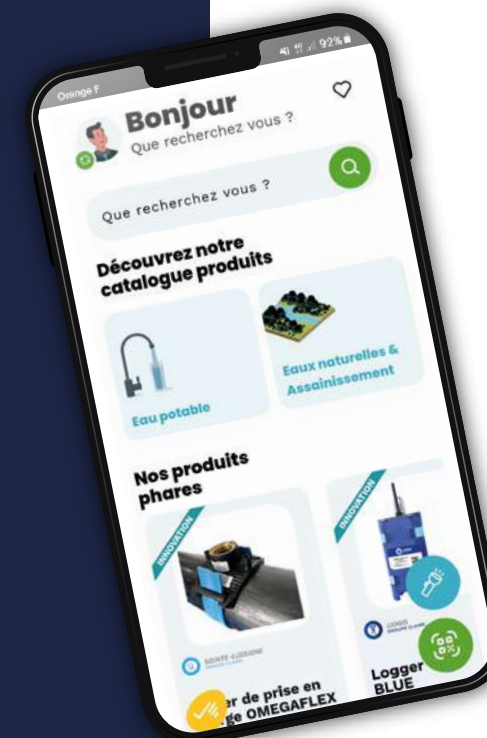
Your tools

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Sainte-Lizaigne specialises in equipment for drinking water networks and irrigation, which it designs, manufactures in France and markets in France and abroad. Its range includes products for house connections, connections and the metering environment as well as solutions to monitor and control water supply networks.

Raw water metering and distribution equipment are available under the SL-Irrigation brand.

Sainte-Lizaigne also markets FAST leak detection equipment in France.

The use of quality materials and techniques



State-of-the-art industrial facilities

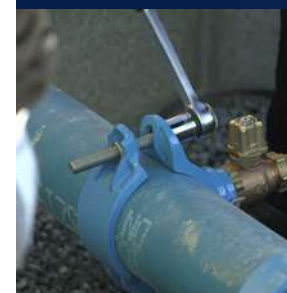


Quality at the heart of our concerns



SAINTÉ-LIZAIGNE
GROUPE CLAIRE

Consumer house connection





Consumer house connection

House connection

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Boxes & Manholes

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Metering environment

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Fittings

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Main contents



Conserving resources

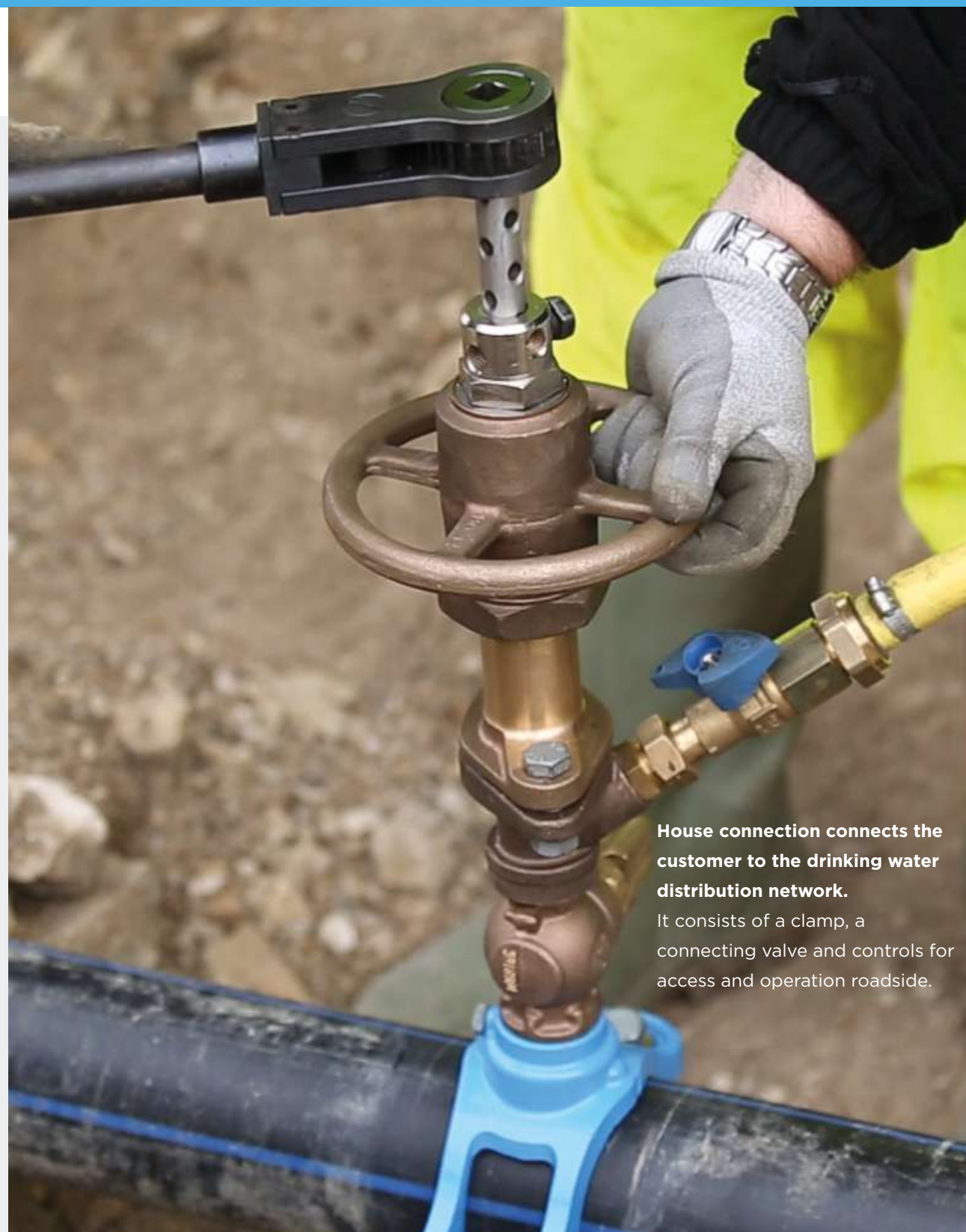
As the nerve centre of the drinking water network, the house connection provides the link between the public water network and the customer for the distribution of water.

It is part of the **local authority's assets** and considerable attention is paid to its **reliability** given

that a **network failure can have a collective, financial, environmental and service impact on users.**

Choosing quality equipment that is easy to use contributes to the performance of the drinking water network throughout its service life.

Sainte-Lizaigne house connection, the right choice to guarantee a long service life.



House connection connects the customer to the drinking water distribution network.

It consists of a clamp, a connecting valve and controls for access and operation roadside.

QUALITY VERSATILITY

A corrosion-resistant **universal valve**, in **bronze**, compliant with the latest sanitary requirements and which is suitable for all configurations.

The 2038 connecting valve, see p.30



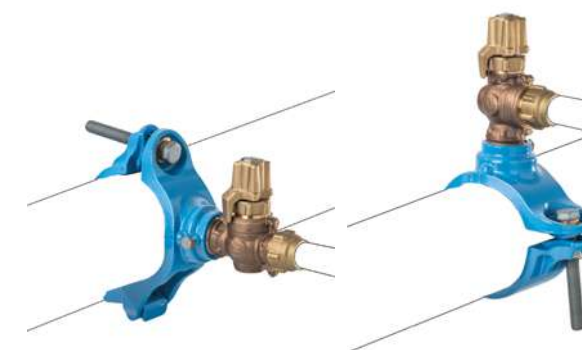
EASY TO FIT

A **clamp that is quick to install** with a **unique tightening action** to guarantee the perfect installation.

The Alphaclic clamp, see p.18



SUSTAINABLE NETWORK



House connection

ALPHACLIC - clamp

GLOBAL 2038 - connecting valve

Technical information and corresponding Guide for
Sainte-Lizaigne clamps depending on type and Ø of the pipes
- see p.514

Clamps

Connecting clamps -
Obstruction clamps

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Connecting and stop valves

Connecting valves -
Stop valves

Page

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House connection accessories

Page

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- ___ Installation on rigid and plastic pipes
- ___ Secure installation thanks to its clamping washer
- ___ Reduced assembly time
- ___ Guaranteed French Origin



- ___ Any construction site configuration:
lateral or vertical connection
- ___ Reliability: bronze construction
- ___ Modular approach to the construction site:
gas threaded outlet
- ___ Simplified leak detection
- ___ Guaranteed French Origin
- ___ Traceability

Controls

Protection boxes
- Extension pipes -
Extension bars and
extension spindles -
Street boxes

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ALPHACLIC

Connecting clamp

GS epoxy coated cast iron

Small or large boss

Bolts and GEOMET 500B blocking bolt

Installation on all pipe materials



SAiNTE-LiZaiGNE
GROUPE CLAIRE



1 Patented tightening control

Visible and audible indicator (brass washer) which shows when the clamp is perfectly tightened

2 Patented attachment system

2 adjustment settings:

- 1st position to fit the external diameter of the plastic pipes (PE/PVC, PVC BO, Blutop)
- 2nd position for assembly on rigid pipes (cast iron, steel, cement, etc.)

3 Patented sealing

EPDM joint fitted with end-stops to ensure correct positioning

4 Positioning indicator

Visual marker to facilitate installation on the pipe

SECURE HOUSE CONNECTION

Tightening control for reliable installation

TIME SAVED FOR THE TEAMS

Clamp supplied ready to assemble with **only one bolt to screw in**

RELIABILITY ON ALL PIPES

1 position dedicated to plastic pipes to avoid deformation

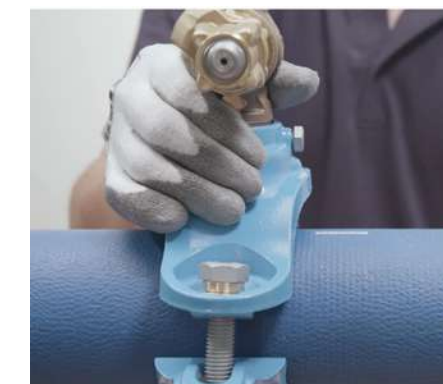
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on our channel



**More than
950,000**
clamps installed



Combine the 2038 connecting valve to the Alphaclic clamp and opt for the French reference house connection to the drinking water network.



Connecting clamps - Multi-material

ALC - ALPHACLIC

For all pipe materials / Multi-diameter / Epoxy coated cast iron - GEOMET 500B bolts / Stainless steel bolts, please contact us



Min. ext. ø	Max. ext. ø	Small boss	CLS ref.	Price in € excl. tax	Large boss	CLS ref.	Price in € excl. tax
40	single diameter	40 x 300	see PRIZDO range		-	-	
50	single diameter	-	-		55 x 300	930Y050	
48	50	40 x 300	ALC X048-050		-	-	
51	63	40 x 300	ALC X051-063		-	-	
54	63	-	-		55 x 300	ALC Y054-063	
64	75	40 x 300	ALC X064-075		55 x 300	ALC Y064-075	
76	90	40 x 300	ALC X076-090		55 x 300	ALC Y076-090	
91	110	40 x 300	ALC X091-110		55 x 300	ALC Y091-110	
111	125	40 x 300	ALC X111-125		55 x 300	ALC Y111-125	
126	140	40 x 300	ALC X126-140		55 x 300	ALC Y126-140	
141	160	40 x 300	ALC X141-160		55 x 300	ALC Y141-160	
161	180	40 x 300	ALC X161-180		55 x 300	ALC Y161-180	
181	200	40 x 300	ALC X181-200		55 x 300	ALC Y181-200	
201	225	40 x 300	ALC X201-225		55 x 300	ALC Y201-225	
226	250	40 x 300	ALC X226-250		55 x 300	ALC Y226-250	
251	280	40 x 300	see PRIZDO range		55 x 300	see PRIZDO range	
281	315	40 x 300	see PRIZDO range		55 x 300	see PRIZDO range	
316	355	40 x 300	see PRIZDO range		55 x 300	see PRIZDO range	

- Installation on all plastic and rigid pipes.
- **Visual and audible tightening control:** the brass washer, ensures **secure installation**.
- With only one bolt to screw in, it can be **assembled quickly** and saves time for the teams.
- Guaranteed French Origin certified by an authorised body.

Select your reference according to the ND and the type of pipe.
Cross-reference table see p.514

CONSERVING RESOURCES

The connecting clamp is the key element that provides the link between the network and the customer. Choosing high-quality, easy to install equipment contributes to the reliability and service life of the drinking water network.

Connecting clamps - Multi-material

CPR - PRIZDO

For all pipe materials /Multi-diameter /Epoxy coated cast iron / Stainless steel bolts



Tolerance (mm)	Weight (kg/p)	Small boss	ADG ref.	Price in € excl. tax	Large boss	ADG ref.	Price in € excl. tax
40	1.0	40 x 300	CPR-40PB		-	-	
48 - 50	1.2	40 x 300	CPR-50PB		-	-	
51 - 63	1.3	40 x 300	CPR-63PB		55 x 300	CPR-63GB	
64 - 75	1.4	40 x 300	CPR-75PB		55 x 300	CPR-75GB	
76 - 90	1.5	40 x 300	CPR-90PB		55 x 300	CPR-90GB	
91 - 110	1.7	40 x 300	CPR-110PB		55 x 300	CPR-110GB	
111 - 125	1.8	40 x 300	CPR-125PB		55 x 300	CPR-125GB	
126 - 140	1.9	40 x 300	CPR-140PB		55 x 300	CPR-140GB	
141 - 160	2.1	40 x 300	CPR-160PB		55 x 300	CPR-160GB	
161 - 180	2.2	40 x 300	CPR-180PB		55 x 300	CPR-180GB	
181 - 200	2.7	40 x 300	CPR-200PB		55 x 300	CPR-200GB	
201 - 225	3.0	40 x 300	CPR-225PB		55 x 300	CPR-225GB	
226 - 250	3.4	40 x 300	CPR-250PB		55 x 300	CPR-250GB	
251 - 280	3.7	40 x 300	CPR-280PB		55 x 300	CPR-280GB	
281 - 315	4.3	40 x 300	CPR-315PB		55 x 300	CPR-315GB	
316 - 355	4.7	40 x 300	CPR-355PB		55 x 300	CPR-355GB	

The clamp connects a valve or house connection to a drinking water distribution pipe.

3 technologies are used: rigid, strapped or electrofusion clamps.

SINGLE DIAMETER



Fitting for HDPE - PVC - PVC-Bo pipe



The stop function is released by reversing one of the half-clamps

MULTI-MATERIALS



Extensive range - Installation on rigid pipes such as ductile cast iron, grey cast iron, steel, AMC



Connecting clamps - Multi-material

901

For all pipe materials / Multi-diameter / Cast iron sole - Stainless steel coated strap - GEOMET 500B bolts / Spare parts and tools in house connection accessories p.36

Min. ext. ø	Max. ext. ø	Small boss	CLS ref.	Price in € excl. tax	Large boss	CLS ref.	Price in € excl. tax
45	95	40 x 300	901 XA		55 x 300	901 YA	
45	175	40 x 300	901 XB		55 x 300	901 YB	
45	350	40 x 300	901 XC		55 x 300	901 YC	

* For an ND 40 valve, use a valve ext. ø of at least 60 mm.
Exists in valve-clamp version: references RCS 2038 and RCS 1818

RCS 2038
top-connecting



RCS 2038
side-connecting



RCS 1818



Strapped clamps are suitable for a wide range of pipe diameters and all materials. Tightening the screw adjusts the tension of the strap, which was previously adjusted by notching to the diameter of the pipe.

- Suitable for all plastic or rigid pipes in a wide range of diameters.
- Only **2 references to cover all worksite configurations**.
- **Stock is optimised**, space required in vehicles and storage areas is reduced.

- The installation procedure is made more reliable by a design that ensures that the clamp stays on the pipe during installation and a self-tightening system.
- Tightening is secure: the force is distributed over the entire width of a complete strap.

Please contact us for all your made-to-measure requirements.



Connecting clamps - Large diameters

Clamp for cast iron pipes with DS seal

Epoxy-coated steel clamp / GEOMET bolts / Integral DS seal

Description ND	Operating range	Small boss			Large boss		
		Weight (kg)	CLS ref.	Price in € excl. tax	Weight (kg)	CLS ref.	Price in € excl. tax
350	374 to 378	8.29	VCFPB350NG		8.54	VCFGB350NG	
400	425 to 429	9.40	VCFPB400NG		9.65	VCFGB400NG	
450	476 to 480	10.50	VCFPB450NG		10.75	VCFGB450NG	
500	528 to 532	11.62	VCFPB500NG		11.86	VCFGB500NG	
600	631 to 635	13.84	VCFPB600NG		14.08	VCFGB600NG	
700	734 to 738	16.05	VCFPB700NG		16.30	VCFGB700NG	
800	838 to 842	18.27	VCFPB800NG		18.52	VCFGB800NG	
900	941 to 945	20.49	VCFPB900NG		20.74	VCFGB900NG	
1000	1044 to 1048	22.71	VCFPB1000NG		22.95	VCFGB1000NG	
1100	1147 to 1151	24.91	VCFPB1100NG		25.16	VCFGB1100NG	
1200	1251 to 1255	27.14	VCFPB1200NG		27.39	VCFGB1200NG	

Other dimensions on request.

- Mechanically-welded clamp
- Epoxy paint, blue
- GEOMET 500B coated M16 bolts
- DS integral seal
- M8 hex-head screw to lock valve

Clamp for PVC/HDPE pipes with JDE seal

Epoxy-coated steel clamp / Zinc-plated bolts / Integral JDE seal

Description ED	Small boss			Large boss		
	Weight (kg)	CLS ref.	Price in € excl. tax	Weight (kg)	CLS ref.	Price in € excl. tax
400	5.27	VCPVCPB400JDE		5.47	VCPVCGB400JDE	
450	5.83	VCPVCPB450JDE		6.03	VCPVCGB450JDE	
500	6.39	VCPVCPB500JDE		6.59	VCPVCGB500JDE	
560	7.06	VCPVCPB560JDE		7.26	VCPVCGB560JDE	
630	7.84	VCPVCPB630JDE		8.04	VCPVCGB630JDE	
710	8.73	VCPVCPB710JDE		8.93	VCPVCGB710JDE	
800	9.74	VCPVCPB800JDE		9.94	VCPVCGB800JDE	

- Mechanically-welded clamp
- Epoxy paint, blue RAL 5015
- M12 zinc-plated steel bolts
- JDE integral seal
- M8 hex-head screw to lock valve

OMEGAFLEX

Connecting clamp that can be connected to PE pipes by electrofusion

Multi-diameter HDPE saddle
Multi-range straps
Multi-range ratchets
Small or large boss
GEOMET 500B blocking screw



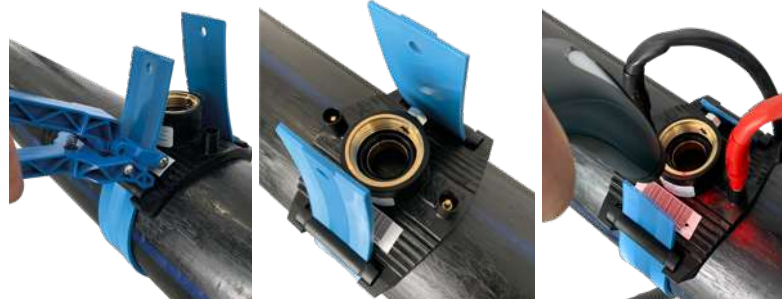
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3

4



1

Multi-diameter

- Patented flexibility covering 3 to 6 sizes of PE depending on the models
- Only 5 references to cover all applications

2

Single attachment system

- Dedicated tool to secure the clamp to the pipe
- No bolt or screw to tighten before welding operation

3

Boss with metric thread

Coupling with connecting valve

4

Compatibility with commercially available welding machines

Reading the bar code triggers the necessary heating time

REDUCED LOGISTICS COSTS

- Limited number of references to order
- Reduced weight and space
- Optimised transport and storage space

REACTIVITY ON CONSTRUCTION SITES

- Wide range of diameters
- Overlapping of ranges per reference

QUICK AND SIMPLIFIED INSTALLATION

- Unique positioning system with no bolt or screw to tighten

ASSET MANAGEMENT OF PE NETWORKS

- Hybrid house connection (bronze valves) which remain monitored
- Key point for network operation and to facilitate leak detection



Combine the 2038 connecting valve to the Omegaflex clamp and opt for a hybrid house connection solution for asset management of PE networks.



Connecting clamps - PE pipes

ELECTROFUSION



OMEGAFLEX

For PE pipes / Multi-diameter / PE boss brass

Min. ext. ø	Max. ext. ø	Boss	CLS ref.	Price in € excl. tax
50	50	40 x 300	OM X050-063	
63	90	40 x 300	OM X063-090	
90	180	40 x 300	OM X090-180	
180	...	40 x 300	pending	
90	140	55 x 300	OM Y090-140	
160	...	55 x 300	pending	

OMEGAFLEX TOOL

Positioning tool with straight or angled handle

CLS ref.	Price in € excl. tax
OM OUT	
OM OUTV*	

* Version with angled handle



Electrofusion clamps are installed on PE pipes. The clamp is assembled on the pipe by electrofusion using a dedicated machine. Single diameter or multi-diameter models are available.

- Multi-diameter electrofusion connecting clamp that **saves on logistics** and improves **reactivity on construction sites**.
- Quick and simplified installation

- Combined with a Sainte-Lizaigne bronze valve, this hybrid house connection can be used to **monitor PE networks and improves its asses management**.
- **Guaranteed French Origin certification**

ES VAMRG

For PE pipes / PE boss brass

Ext. ø	Small boss	CLS ref.	Price in € excl. tax	Large boss	CLS ref.	Price in € excl. tax
63	40 x 300	ES VAMRG X063		55 x 300	-	
75	40 x 300	ES VAMRG X075		55 x 300	-	
90	40 x 300	ES VAMRG X090		55 x 300	ES VAMRG Y090	
110	40 x 300	ES VAMRG X110		55 x 300	ES VAMRG Y110	
125	40 x 300	ES VAMRG X125		55 x 300	ES VAMRG Y125	
160	40 x 300	ES VAMRG X160		55 x 300	ES VAMRG Y160	
180	40 x 300	ES VAMRG X180		55 x 300	ES VAMRG Y180	
200	40 x 300	ES VAMRG X200		55 x 300	ES VAMRG Y200	
225	40 x 300	ES VAMRG X225		55 x 300	ES VAMRG Y225	

ELECTROFUSION



Obstruction clamps - Multi-materials

STRAPPED



903

For all pipe materials / Cast iron sole - Coated stainless steel strap

Min. ext. ø	Max. ext. ø	CLS ref.	Price in € excl. tax
45	95	903 A	
45	175	903 B	
45	350	903 C	

- Suitable for all plastic or rigid pipes in a wide range of diameters.
- **Only 1 reference to cover all worksite configurations.**
- **Stock is optimised**, space required in vehicles and storage areas is reduced.
- The installation procedure is made more reliable by a design that ensures that the clamp stays on the pipe during installation and a self-tightening system.
- Tightening is secure: the force is distributed over the entire width of a complete strap.

The obstruction clamp is used to remove a house connection on a drinking water distribution pipe.

COLP - PRIZDO

For all types of rigid and semi-rigid pipes such as ductile cast iron, grey cast iron, steel, asbestos cement, PVC and HDPE / Epoxy-coated cast iron / With built-in EPDM gasket / Bolts and locking screws in class 8.8 steel coated with GEOMET or A2 stainless steel / Maximum working pressure: 16 BAR / Recommended tightening torque: 55-65 Nm.



Tolerance (mm)	Weight (kg/p)	ADG ref. GEOMET bolts	Price in € excl. tax	ADG ref. Stainless steel bolts	Price in € excl. tax
48 - 52	0.8	COLP-40		COLPI-40	
59 - 71	1.0	COLP-50		COLPI-50	
69 - 88	1.3	COLP-60		COLPI-60	
88 - 114	1.5	COLP-80		COLPI-80	
107 - 135	1.7	COLP-100		COLPI-100	
124 - 152	2.8	COLP-125		COLPI-125	
158 - 184	2.4	COLP-150		COLPI-150	
217 - 236	3.3	COLP-200		COLPI-200	
272 - 300	4.2	COLP-250		COLPI-250	
310 - 336	5.5	COLP-300		COLPI-300	

Other dimensions, please contact us.

Obstruction clamps - Large diameters

Obstruction clamp for cast iron pipes

Epoxy coated steel clamp / GEOMET bolts



Description ND	CLS references					
	Weight (kg)	Ø 90	Price in € excl. tax	Weight (kg)	Ø 125	Price in € excl. tax
350	5.8	VCO350		5.9	VCO350B	
400	6.5	VCO400		6.6	VCO400B	
450	6.6	VCO450		7.0	VCO450B	
500	8.1	VCO500		8.2	VCO500B	
600	9.2	VCO600		9.3	VCO600B	
700	9.5	VCO700		9.9	VCO700B	
800	10.7	VCO800		11.0	VCO800B	
900	11.9	VCO900		12.2	VCO900B	
1000	13.0	VCO1000		13.4	VCO1000B	
1100	14.2	VCO1100		14.5	VCO1100B	
1200	15.4	VCO1200		15.7	VCO1200B	

Description ND	CLS references		
	Weight (kg)	Ø 175	Price in € excl. tax
350	6.6	VCO350C	
400	7.3	VCO400C	
450	7.7	VCO450C	
500	8.9	VCO500C	
600	10.0	VCO600C	
700	10.6	VCO700C	
800	12.0	VCO800C	
900	13.0	VCO900C	
1000	14.1	VCO1000C	
1100	15.3	VCO1100C	
1200	16.4	VCO1200C	

- Mechanically-welded clamp
- Epoxy paint, blue RAL 5015
- GEOMET 500B coated M16 bolts
- Cover plate Ø 90-125 and Ø 175
- Supplied without seal

Seal for obstruction clamp

Description	CLS ref.	Price in € excl. tax
Ø 90	NCOJ90	
Ø 125	NCOJ125	
Ø 175	NCOJ175	



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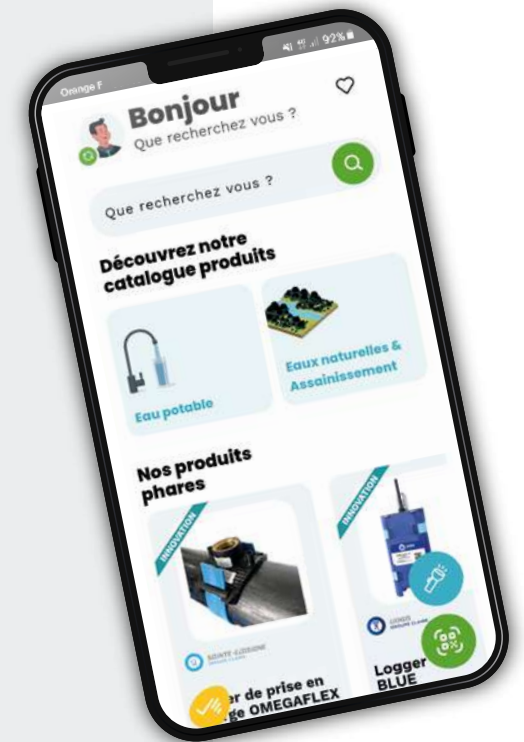


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SCAN TO
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Global 2038 range

Universal connecting valve

Bronze

Corrosion-resistant

Complies with the latest health requirements



1 Operation

- Integrated end stops to secure the position
- Sainte-Lizaigne magnetization system to facilitate leak detection

2 Integrated or gas-threaded PE/PVC/Excel+ outlet U-CAN technology

Compatibility with all ranges of Sainte-Lizaigne valves and fittings, and with all ISO 228 gas thread products.

3 Inlet with metric thread

40x300 (ND20 and 25) and 55x300 (ND30 and 40) for connection to standard connecting clamps

4 Traceability of references



During manufacture, a traceability number is marked on the back of the valve body.

ANY CONSTRUCTION SITE CONFIGURATION

Side or top connection from ND 20 to ND 40

RELIABILITY OF THE DRINKING WATER NETWORK

Bronze valve (100% inalterable, 100% resistant to all corrosion phenomena)

MODULAR APPROACH ON THE CONSTRUCTION SITE

Gas threaded outlet

All our products on **appli-claire**



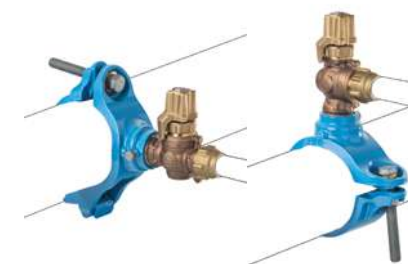
Watch the **installation tutorials** on our channel



+ de 2,800,000 items of equipment installed in France & around the world



Combine the 2038 connecting valve to the Alphaclic clamp and opt for the French reference house connection to the drinking water network.



Universal connecting valves - Bronze

SPHERICAL



GLOBAL 2038

Universal connection / Bronze / 3-way / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Left or right-hand closure / "Flanged outlet" version, please contact us

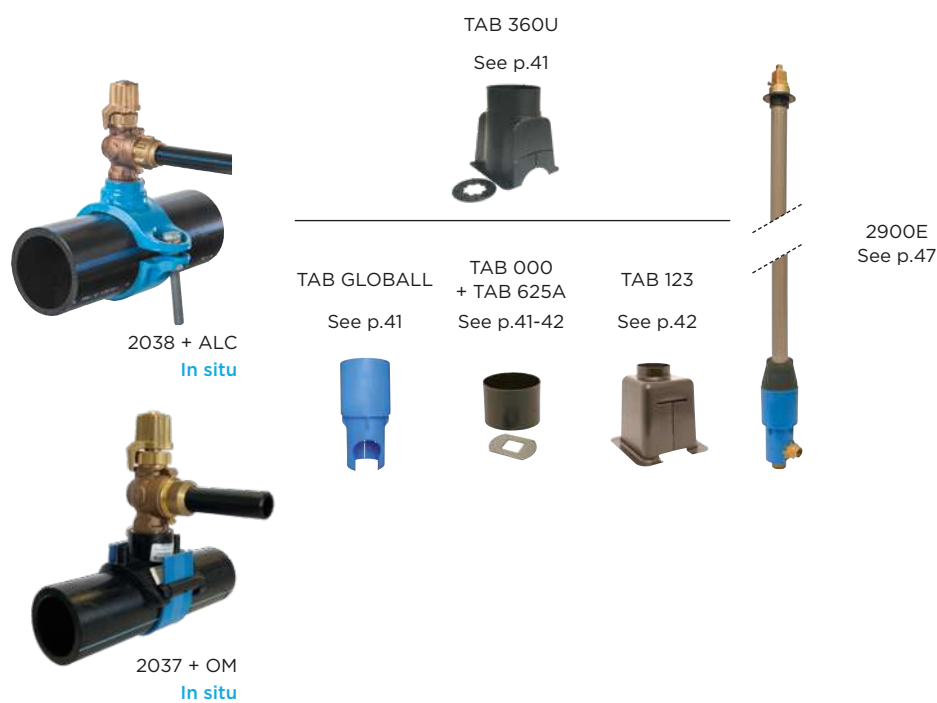
ND	Boss of clamp	Ext. pipe ø	Threaded outlet	CLS ref.	Price in € excl. tax
20	40 x 300	25	26/34	2038 20	
25	40 x 300	32	33/42	2038 25	
30	55 x 300	40	40/49	2028 30	
40	55 x 300	50	50/60	2038 40	

Available without integrated fitting: 2035

Available with integrated ready-to-weld 07 fitting (gas threading): 2037



Intended to connect a customer to the pressurised drinking water distribution pipe, the connecting valve controls the opening and closing of the water supply under the road. It is mounted on a clamp for coupling to the pipe. Different ranges are available for top, side or mixed house connection configurations. 3 technologies are used: the closing device is a cone (conical connecting valve), a sphere (spherical) or a valve (multi-rotations).



- **Suitable for the majority of construction sites** (top or side house connection), thus optimising stocks.
- Easy to operate and its top-connecting procedure is straightforward.
- **Modular approach to construction sites:**

- integrated outlet for connection to PE/PVC pipes releases gas threading.
- **Made of Bronze, a corrosion-resistant material.**
- Guaranteed French Origin certified by an authorised body.

Side-connecting valves - Bronze

SPHERICAL



1818

Side-connecting / Bronze / Integrated fitting 28 U-CAN technology (PE/PVC/ Gas threading) / Left or right-hand closure

ND	Boss of clamp	Ext. pipe ø	Threaded outlet	CLS ref.	Price in € excl. tax
20	40 x 300	25	26/34	1818 20	
20	40 x 300	32	33/42	1818 20G	
25	40 x 300	32	33/42	1818 25	
30	55 x 300	40	40/49	1818 30	
40	55 x 300	50	50/60	1818 40	

Available without integrated fitting: 1815



- Suitable for standard connection configurations: side connection and easy to operate.

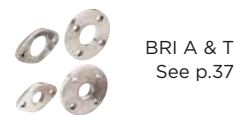
- **Modular approach to construction sites:** integrated outlet for connection to PE/PVC pipes releases gas threading.
- **Made of Bronze, a corrosion-resistant material.**

1812

Side-connecting / Bronze / Rotating flanged outlet for greater flexibility on installation / Left or right-hand closure

ND	Boss of clamp	Centre-to-centre distance	CLS ref.	Price in € excl. tax
20	40 x 300	2 x 73-81	1812 20	
25	40 x 300	2 x 73-81	1812 25	
30	55 x 300	2 x 94-102	1812 30	
40	55 x 300	2 x 94-102	1812 40	
40	55 x 300	4 x 110	1812 40G	

SPHERICAL



BRI A & T
See p.37

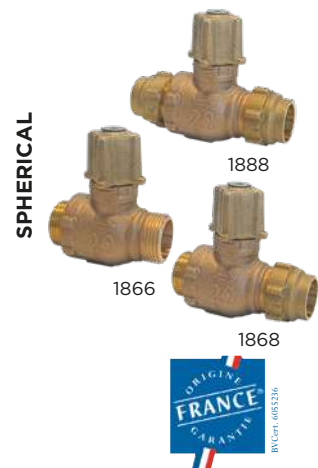


TAB 360U
See p.41



TAB 123
See p.42

Bronze Stop valves



1888

Bronze / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Left or right-hand closure

ND	Ext. pipe ø	Threaded outlet	CLS ref.	Price in € excl. tax
20	25	26/34	1888 20	
25	32	33/42	1888 25	
30	40	40/49	1888 30	
40	50	50/60	1888 40	

Available without integrated fitting / gas threading: 1866* - Available with integrated fitting: 1868*
 *Can be assembled on gas-thread connecting clamp

Stop valves are used to move a customer's house connection away from the distribution pipe particularly when the networks are very congested.

- Easy to operate.
- **Modular approach to construction sites:** integrated outlets for connection to PE/PVC pipes releases gas threading.

- **Made of Bronze, a corrosion-resistant material.**

1877

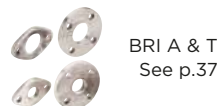
Bronze / Electrofusion PE outlet / Left or right-hand closure

ND	Ext. pipe ø	CLS ref.	Price in € excl. tax
20	25	1877 20	
25	32	1877 25	
30	40	1877 30	
40	50	1877 40	

1822

Bronze / Rotating flanged outlets for greater flexibility on installation / Left or right-hand closure

ND	Flange between axes	CLS ref.	Price in € excl. tax
20	2 x 73-81	1822 20	
25	2 x 73-81	1822 25	
30	2 x 94-102	1822 30	
40	2 x 94-102	1822 40	
40	4 x 110	1822 40G	



BRI A & T
See p.37

PRIZDO side-connecting valves

SPHERICAL



118

Side-connecting / Brass / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Left or right-hand closure / "Flanged outlet" version, please contact us

ND	Boss of clamp	Ext. pipe ø	Threaded outlet	CLS ref.	Price in € excl. tax
15	40 x 300	20	20/27	118 15	
20	40 x 300	25	26/34	118 20	
25	40 x 300	32	33/42	118 25	
30	55 x 300	40	40/49	118 30	
40	55 x 300	50	50/60	118 40	

Available without integrated fitting: 115



TAB 360U
See p.41



TAB 123
See p.42

PRIZDO stop valves

SPHERICAL



188

Brass / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Left or right-hand closure

ND	Ext. pipe ø	Threaded outlet	CLS ref.	Price in € excl. tax
20	25	26/34	188 20	
25	32	33/42	188 25	
30	40	40/49	188 40R	
40	50	50/60	188 40	

Available without integrated fitting / gas threading: 166* - Available with integrated fitting: 168*
 *Can be assembled on gas-threaded connecting clamp

House connection accessories



SAN 9000

Spare strap for clamps / Coated stainless steel

Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
45 to 95 mm	10	SAN 9000 A	
45 to 175 mm	10	SAN 9000 B	
45 to 350 mm	5	SAN 9000 C	



JOI 9000

Spare joint for strapped clamp 901 / Or obstruction clamp 903, use JOI 9000 Y

Boss	Valve ND	Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
40 x 300	20 and 25	45 to 350 mm	5	JOI 9000 X	
55 x 300	30 and 40	60 to 350 mm	5	JOI 9000 Y	



CLE 440 19

Wrench for strapped system

CLS ref.	Price in € excl. tax
CLE 440 19	



OM OUT

Positioning tool with straight or angled handle for OMEGAFLEX electrofusion clamp

CLS ref.	Price in € excl. tax	CLS ref.	Price in € excl. tax
OM OUT		OM OUTV*	

* Version with angled handle

JOI 931 OBT

Spare joint for obstruction clamp 931

Joint Ø	CLS ref.	Price in € excl. tax
80 mm	JOI 931 OBT	



House connection accessories



946

Reducing nipple - gas threading

Male	Female	CLS ref.	Price in € excl. tax
40 x 300	20/27	946 MF X20	
40 x 300	26/34	946 MF X26	
55 x 300	26/34	946 MF Y26	
55 x 300	33/42	946 MF Y33	
55 x 300	40/49	946 MF Y40	
55 x 300	40 x 300	946 MF YX	
40 x 300	40 x 300	946 MF XX	
55 x 300	55 x 300	946 MF YY	



ADA 930 S

Clamp reducing nipple for Sensass range

Male	Female	CLS ref.	Price in € excl. tax
55 x 300	40 x 300	ADA 930 S	



BRI A

Bored flanges for lead

ND	Centre-to-centre distance	A: Standard bore	CLS ref.	Price in € excl. tax
15	2 x 66-74	26 - 30	BRI 15 A	
20-25	2 x 73-81	22 - 26 - 28 - 30 - 32 - 35 - 38 - 42 - 45	BRI 2025 A	
30-40	2 x 94-102	37 - 45 - 50 - 55 - 60	BRI 3040 A	
40	4 x 110	50 - 62	BRI 40G A	

Please give details of bore when ordering.



BRI T

Threaded flanges for iron

ND	Centre-to-centre distance	T: Standard threading	CLS ref.	Price in € excl. tax
15	2 x 66-74	15x21	BRI 15 T	
20-25	2 x 73-81	15x21 - 20x27 - 26x34 - 33x42	BRI 2025 T	
30-40	2 x 94-102	26x34 - 33x42 - 40x49 - 50x60	BRI 3040 T	
40	4 x 110	40x49 - 50x60	BRI 40G T	

Please give details of threading when ordering.

House connection accessories

BD2

Adaptor flange for gas-threaded connecting valve / Steel coating



ND	Centre-to-centre distance	For gas-threaded connecting valve	CLS ref.	Price in € excl. tax
20-25 F	2 x 73-81	26/34	BD2 2025F26	
20-25 F	2 x 73-81	33/42	BD2 2025F33	
30-40 F	2 x 94-102	40/49	BD2 3040F40	
30-40 F	2 x 94-102	50/60	BD2 3040F50	
40 F	4 x 110	50/60	BD2 40GF50	

Bored steel flange for lead



ND	Bore Ø	Centre-to-centre distance	HYD ref.	Price in € excl. tax
20	27	65-75	B 1001 01101	
20	30	65-75	B 1001 01102	
20	35	65-75	B 1001 01103	
27	42	70-80	B 1001 02101	
32	45	80-95	B 1001 03101	
40	55	90-105	B 1001 04101	

Bored epoxy steel flange for lead



ND	Bore Ø	Centre-to-centre distance	HYD ref.	Price in € excl. tax
20	27	65-75	B 1002 01101	
20	30	65-75	B 1002 01102	
20	35	65-75	B 1002 01103	

House connection accessories

Threaded steel flange for iron



ND	Threaded	Centre-to-centre distance	HYD ref.	Price in € excl. tax
20	1/2"	65-75	B 1003 01101	
20	3/4"	65-75	B 1003 01102	
20	1"	65-75	B 1003 01103	
27	3/4"	70-80	B 1003 02104	
27	1"	70-80	B 1003 02105	
27	1"1/4	70-80	B 1003 02106	
32	1"	80-95	B 1003 03107	
40	1"1/4	90-105	B 1003 04109	
40	1"1/2	90-105	B 1003 04110	

Threaded epoxy steel flange for iron



ND	Threaded	Centre-to-centre distance	HYD ref.	Price in € excl. tax
20	1/2"	65-75	B 1004 01121	
20	3/4"	65-75	B 1004 01122	
27	3/4"	70-80	B 1004 02124	
27	1"	70-80	B 1004 02125	
32	1"	80-95	B 1004 03126	
32	1"1/4	80-95	B 1004 03127	
40	1"1/4	90-105	B 1004 04128	
40	1"1/2	90-105	B 1004 04129	

Oval seal only for flange



ND	HYD ref.	Price in € excl. tax
20	B 1201 01001	

Kit comprising seal + 2 screws + 2 nuts



ND	HYD ref.	Price in € excl. tax
15-20	B 1202 01101	
27	B 1202 02102	
32-40	B 1202 03103	

House connection accessories

BAT

Threaded oval flange with oblong holes



ND	Tapping (")	Weight (kg/p)	ADG ref.	Price in € excl. tax
20	1/2	0.35	BAT-2015	
20	3/4	0.33	BAT-2020	
20	1	0.31	BAT-2026	
25	3/4	0.45	BAT-2520	
25	1	0.42	BAT-2526	
25	1"1/4	0.38	BAT-2533	
32	1	0.42	BAT-3226	
32	1"1/4	0.38	BAT-3233	
32	1"1/2	0.34	BAT-3240	
40	1	0.56	BAT-4026	
40	1"1/2	0.49	BAT-4040	

BAA

Bored oval flange for lead pipe with oblong holes



ND	Bore (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
20	27	0.33	BAA-2027	
20	30	0.31	BAA-2030	
20	35	0.29	BAA-2035	
25	42	0.37	BAA-2542	
32	47	0.34	BAA-3247	
40	55	0.43	BAA-4055	

Protection boxes



The controls are all the products and accessories used to protect underground house connections and provide access from the road to operate them or work on them. They include protection boxes, extension pipes, extension spindles and heads of street boxes.

TAB 360U

Universal protection box for top or side-connecting / Adjustment flaps suitable for the shape and size of any spherical connecting valve

Quantity	CLS ref.	Price in € excl. tax
200	TAB 360U	
from 100 to 199		
from 50 to 99		
from 1 to 49		

For pipe extension socket ø 90.

• **Universal:** can be fitted to all connecting valves with spherical sealing, suitable for all house connection configurations (top, side) and all dimensions (from ND 20 to 40).

• **Easy interconnecting** thanks to its snap-on mounting centring part.
 • **Personalised configuration** on network side and customer side with adjustment flaps.

TAB GLOBAL

Protection box for Global 2038 ND 20 top or side-connecting valve range

Quantity	CLS ref.	Price in € excl. tax
200	TAB GLOBAL 20	
from 100 to 199		
from 50 to 99		
from 1 to 49		

For pipe extension socket ø 90. For ranges 2038 ND 20, OM 6037 ND 20 and 6037 ND 20.

2038 + ALC +
TAB GLOBAL
+ TL



In situ

TAB 000

“Round” protection box for top or side-connecting gate valve or valve / recycled PP

Quantity	CLS ref.	Price in € excl. tax
200	TAB 000	
from 100 to 199		
from 50 to 99		
from 1 to 49		

For pipe extension socket ø 90.





Protection boxes



TAB 625A

Mounting centring part for TAB 000

Quantity	CLS ref.	Price in € excl. tax
1000	TAB 625A	
from 200 to 999		
from 100 to 199		
from 50 to 99		
from 1 to 49		

For pipe extension socket ø 90.

TAB 123

“Square” protection box for side-connecting valve / recycled PP

Quantity	CLS ref.	Price in € excl. tax
200	TAB 123	
from 100 to 199		
from 50 to 99		
from 1 to 49		

For pipe extension socket ø 90.



The protection boxes protect underground valves. Several models are available to suit all house connection configurations (vertical or side) and all connecting valves.



Extension pipes



TAE

PVC extension pipe

Length	Pack of	CLS ref.	Price in € excl. tax
250	25	TAE 0250	
300	25	TAE 0300	
560	10	TAE 0560	
600	10	TAE 0600	
800	10	TAE 0800	
820	10	TAE 0820	



2038 + ALC +
TAB GLOBAL
+ TL
In situ

TL

Straight extension pipe

Length	Pack of	CLS ref.	Price in € excl. tax
600	10	TL 0600	
675	10	TL 0675	
800	10	TL 0800	
850	10	TL 0850	
1000	10	TL 1000	
1100	10	TL 1100	



TBC

Pressed flange telescopic extension pipe / Detectable

Min. length	Max. length	Pack of	CLS ref.	Price in € excl. tax
570	902	10	TBC 0000 T	

- **Adjusts to different construction site phases.**
- The telescopic adjustment makes installation easier.
- Detectable pressed flange: the pipe can be buried during construction and then removed when the ground is finally levelled.

- **Its unique design eliminates the risk of the pipe being punctured** in the event of road or street box subsidence.

Extension pipes



TCV 960A

BELL-SHAPED
PIPE

TAT



TCV

Bell-shaped telescopic pipe with pressed flange for gate valve / Detectable

Length	Pack of	CLS ref.	Price in € excl. tax
890-1250	5	TCVT890 1250	

Description	Pack of	CLS ref.	Price in € excl. tax
Centring clips	5	TCV 960A	

Bell-shaped pipe / Supplied with centring parts

Height	HYD ref.	Price in € excl. tax
750	B 2104 01001	
850	B 2104 01002	
960	B 2104 01003	

TT

Side-connecting protection box pipe

Length	Pack of	CLS ref.	Price in € excl. tax
600	10	TT 0600	
800	10	TT 0800	
850	10	TT 0850	
1000	10	TT 1000	
1100	10	TT 1100	

TAT

PVC telescopic extension pipe

Min - Max length (mm)	Pack of	Weight (kg/p)	ADG ref.	Price in € excl. tax
480 - 800	1	-	TAT-480-800	
645 - 1130	1	-	TAT-645-1130	
765 - 1300	1	0.950	TAT-765-1300	

The extension pipes secure the access route to the underground valve from the road. Different versions are available: straight or interconnecting for installation on the protection box and telescopic models to be appropriately adjusted to the depth of the network. Some include the protection box function and others make it easier to locate the house connection thanks to their detectable metal pressed flange.

Extension pipes



TAE

PVC extension pipe

Useful height (mm)	Total length (mm)	Pack of	ADG ref.	Price in € excl. tax
250	290	20	TAE-250	
560	600	10	TAE-560	
820	860	10	TAE-820	

TAC

PVC extension pipe with pressed flange

Useful height (mm)	Total length (mm)	Pack of	ADG ref.	Price in € excl. tax
820	860	10	TAC-820	
985	1025	1	TAC-985	

TAT

PVC protection box pipe

Useful height (mm)	Total length (mm)	Pack of	ADG ref.	Price in € excl. tax
710	850	10	TAT-850	
860	1000	10	TAT-1000	

Extension bars and extension spindles

TA

Cast iron extension bar

Length	CLS ref.	Price in € excl. tax	Length	CLS ref.	Price in € excl. tax
300	TA 0300		800	TA 0800	
400	TA 0400		1000	TA 1000	
500	TA 0500		1500	TA 1500	
600	TA 0600		2000	TA 2000	

Extension bar for stem square 30 x 30

Used to operate isolating valves

Description	CLS ref.	Price in € excl. tax	Description	CLS ref.	Price in € excl. tax
Extension bar Lgth 0.20 m	VAT020		Extension bar Lgth 0.80 m	VAT080	
Extension bar Lgth 0.30 m	VAT030		Extension bar Lgth 1 m	VAT100	
Extension bar Lgth 0.40 m	VAT040		Extension bar Lgth 1.20 m	VAT120	
Extension bar Lgth 0.50 m	VAT050		Extension bar Lgth 1.50 m	VAT150	
Extension bar Lgth 0.60 m	VAT060		Extension bar Lgth 3 m	VAT300	

Other dimensions: [please contact us](#).

TA

Extension bar / Bar Ø 24mm in S235 steel / Locking screw 10 x 20 / Stem square 30 x 30 / Black paint finish / (Blue epoxy: please contact us)

Total height (m)	Pack of	ADG ref.	Price in € excl. tax
0.200	1	TA-200	
0.300	1	TA-300	
0.400	1	TA-400	
0.500	1	TA-500	
0.600	1	TA-600	
0.700	1	TA-700	
0.800	1	TA-800	
1.000	1	TA-1000	
1.200	1	TA-1200	
1.400	1	TA-1400	
1.500	1	TA-1500	
1.600	1	TA-1600	

The extension bars bring the valve handle as close as possible to the road. They allow short operating keys to be used or revert access back to the handle when the underground network is very deep.

Extension bars and extension spindles

RC

Centring washer / Centring ring Ø80mm / Thickness 3mm / Made of S235 steel / Suitable for 30 x 30 stem square extension bars / Blue epoxy paint finish

Total height (m)	Pack of	ADG ref.	Price in € excl. tax
0.200	1	RC-200	

2900

Compact extension spindle

ND20 model	ND25 model	ND30 model	ND40 model	Height (cm)	CLS ref.	Price in € excl. tax
For all connecting valves*						
E	E	E	E	100	2900 E100	
E	E	E	E	120	2900 E120	
For connecting valves 2628 - 2625						
C	C	-	C	100	2900 C100	
C	C	-	C	120	2900 C120	
For all connecting valves 128 - 125 - 121						
A	B	B	B	100	2900 A/B100	
A	B	B	B	120	2900 A/B120	
For connecting valves 2988 - 922						
D	A	B	B	100	2900 D/A/B100	
D	A	B	B	120	2900 D/A/B120	

* Assemble with a protection box for interconnection ø 90
Add the model and height required to code 2900 when placing your order.

— Heads of street boxes



Head of street box / Cast iron / Use on road

Head shape	Weight	HYD ref.	Price in € excl. tax
Round	5.5 kg	B 2001 04003	
Square	5.5 kg	B 2001 05003	
Hexagonal	5.5 kg	B 2001 06003	

— Heads of street boxes

NEW



EBAC10

Raisable street box in ductile cast iron EN GJS 500-07 with rotationally lockable cover / Black paint coating / Protection of the device between the fixed and movable parts by adding a rubber seal (resistant to hot mix asphalt temperatures below 150°C) / Adjustment range: 110 mm (adjustment using a 30x30mm square operating wrench by turning the cover over) / Use for pavements and roadways

Cover	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
Round	8.2	50	EBAC10R	
Square	8.2	50	EBAC10C	
Hexagonal	8.2	50	EBAC10H	

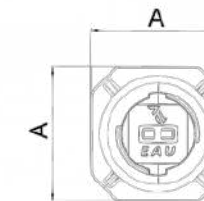
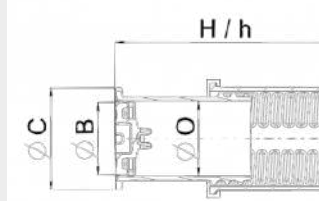


Round head

Square head

Hexagonal head

The head of the street box is used to locate and access the drinking water house connection located below the round cover visible from the road.



Cover	Dimension AxA (mm)	Dimension ØB	Dimension ØC	Dimension ØC	Height H/h	Weight	ADG ref.	Price in € excl. tax
Round	180	Ø 100 mm	Ø 136 mm	Ø 100 mm	190 / 300 mm	8.2 kg	EBAC10R	
Square	180	Ø 100 mm	Ø 136 mm	Ø 100 mm	190 / 300 mm	8.2 kg	EBAC10C	
Hexagonal	180	Ø 100 mm	Ø 136 mm	Ø 100 mm	190 / 300 mm	8.2 kg	EBAC10H	

Conserving resources

The metering environment is a key point in the network, as it corresponds to the customer delivery point.

It is subject to regular intervention by operators and customers. The equipment used in the metering environment must be able to cope with these demands.

Considerable attention needs to be paid to the metering system

since a leak or back-flow of water can have damaging ecological and financial consequences (overproduction of drinking water, overcharging of customers, water pollution, etc.).

Metering systems have to satisfy various requirements in terms of integration (wall, pavement, garden, building, etc.), accessibility, compactness and frost resistance.

Sainte-Lizaigne customised metering solutions,
the right choice to manage delivery points and ensure reliable metering.



The metering environment completes the customer's house connection. It manages water distribution and records consumption.

It consists of valves to open and close the water supply, a water meter and a check valve, and can be integrated into a variety of ready-to-install solutions for individual or multiple customers: rail, box, case, manifold, manhole, etc.

ACCESSIBILITY FROST RESISTANCE

A **box** that allows **work to be carried out above-ground** from the public domain and benefiting from a **unique anti-frost concept**.
The E-CUB box, see p.54



QUICK TO PUT INTO SERVICE EASY TO MAINTAIN

A **manhole** that allows the water meter to be installed within a few seconds and that makes operations easier.

The ISOCOURT+ manhole, see p.64



CUSTOMISED SOLUTION

A **ready-to-install manhole**, fitted with metering systems for 3 customers.
Multiple metering equipment, see p.80



Boxes and Manholes

Metering box - E-CUB

Compact manhole - ISOCOURT +



- ___ Installation bordering the property
- ___ Excellent accessibility for operations
- ___ Integrates perfectly with the stonework or with other boxes
- ___ Double water meter option
- ___ Certified frost resistance



- ___ Water meter assembled within a few seconds and without tools
- ___ Tiltable head for perfect integration with levelled floor
- ___ 2 models to cover all frost zones
- ___ 12.5T resistance as standard

Boxes

Single water meter boxes - Double water meter boxes

Page

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Boxes

Single meter boxes

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Compact manholes

Single water meter manholes - Multiple meter manholes

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Multiple metering equipment

Multiple metering manholes

Page

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One-piece manholes

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Modular chambers

Page

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E-CUB

Water meter box

PVC casing UV-resistant

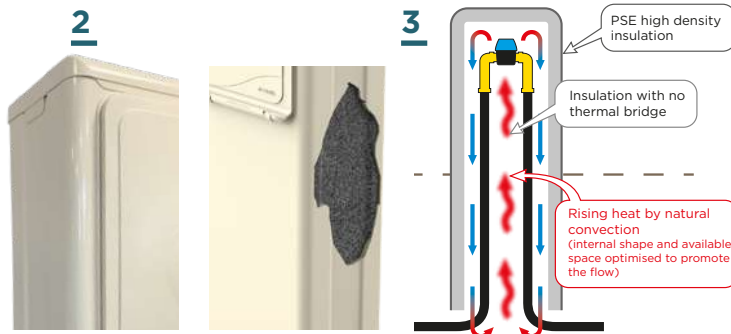
Graphite expanded polystyrene insulation

Single or double water meter

Removable door



SAI^{NTE}-LIZAI^{GNE}
GROUPE CLAIRE



1 Excellent accessibility

- Above-ground operations from the public domain
- Water meter legibility

2 Perfect integration

- Stabilising feet for stable, compact installation
- Shape of the head for easy installation in masonry with other boxes (electricity, gas)
- RAL 1015 colour to match colours of buildings

3 Frost resistance

Unique anti-frost concept guaranteed by natural convection with no thermal bridge

STRAIGHTFORWARD OPERATIONS

OPTIMISED OPERATING COSTS

Option to incorporate a double water meter

LEGAL CLARITY

Installation bordering the property

PROTECTED METERING STATION

Frost resistance certificates supplied by a laboratory (CEREMA)

More than 180,000 boxes installed in France and Eastern Europe



The Sainte-Lizaigne E-CUB meter box is imagined and designed to preserve the environment: 100% recyclable.



Single meter boxes



E-CUB BOX

Compact with frost protection for in-line meters 110 to 170 mm / For meter ND 15 length 110 to 170 mm or ND 20 length 110 mm / valves ND 15 or 20 / Standard model - Valves 45 Z: before water meter valve lockable elbow + elbow check valve / Graphite grey insulation (50 g/l) / Stabilising feet / Removable door / Metallic lock / Supplied with a plastic key / pack of 8

Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
without pipe for connection 25	15	500 mm XS model	CBXS1525_45Z	
long pipes PE 25	15		CBXS1525L45Z	
elbow pipes PE 25	15		CBXS1525C45Z	
without pipe for connection 32	15		CBXS1532_45Z	
elbow pipes PE 32	15		CBXS1532C45Z	
without pipe for connection 32	20		CBXS2032_45Z	
elbow pipes PE 32	20		CBXS2032C45Z	

Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
without pipe for connection 25	15	1100 mm S model	CBS1525_45Z	
long pipes PE 25	15		CBS1525L45Z	
elbow pipes PE 25	15		CBS1525C45Z	
without pipe for connection 32	15		CBS1532_45Z	
elbow pipes PE 32	15		CBS1532C45Z	
without pipe for connection 32	20		CBS2032_45Z	
elbow pipes PE 32	20		CBS2032C45Z	

Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
without pipe for connection 25	15	1300 mm SP model	CBSP1525_45Z	
long pipes PE 25	15		CBSP1525L45Z	
elbow pipes PE 25	15		CBSP1525C45Z	
without pipe for connection 32	15		CBSP1532_45Z	
elbow pipes PE 32	15		CBSP1532C45Z	
without pipe for connection 32	20		CBSP2032_45Z	
elbow pipes PE 32	20		CBSP2032C45Z	

Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
without pipe for connection 25	15	1500 mm M model	CBM1525_45Z	
long pipes PE 25	15		CBM1525L45Z	
elbow pipes PE 25	15		CBM1525C45Z	
without pipe for connection 32	15		CBM1532_45Z	
elbow pipes PE 32	15		CBM1532C45Z	
without pipe for connection 32	20		CBM2032_45Z	
elbow pipes PE 32	20		CBM2032C45Z	

The water meter box is installed bordering the property. It houses and protects the water meter and valves, which are accessible above ground from the public domain. This makes it easier for the operator to carry out any work required whilst enabling the customer to easily read the water meter and access the valves. This is the best solution for network extensions (creation of housing estates) or refurbishment, when site conditions allow.

Single meter boxes

Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
without pipe for connection 25	15	1700 mm L model	CBL1525_45Z	
long pipes PE 25	15		CBL1525L45Z	
elbow pipes PE 25	15		CBL1525C45Z	
without pipe for connection 32	15		CBL1532_45Z	
elbow pipes PE 32	15		CBL1532C45Z	
without pipe for connection 32	20		CBL2032_45Z	
elbow pipes PE 32	20		CBL2032C45Z	

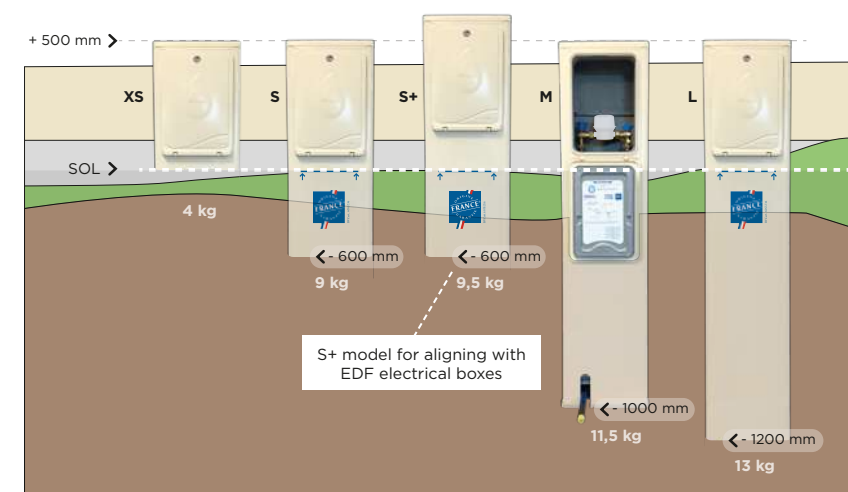
Long pipes: external dimension 1.50 m (XS model: 1 m)
 Elbow pipes S, M, L models: external dimension 0.20 m

Options on page 58.
 Tools and spare parts page 59.

Carriage:
 3 pallets
 i.e. 24 boxes

DID YOU KNOW?

The boxes protect the water meter from frost thanks to their heat insulation and benefit from the heat drawn at depth by the part buried underground.



Burial depth depending on the frost zone

Resistance to frost tested by the CEREMA Laboratory
 According to testing protocol LR-NVHG No. 302 version 1.2 February 2005
 "Frost resistance test for an above-ground water meter box for drinking water"
 Certificates available on request



Single meter boxes

OPTIONS

Description	+/- value
Additional cost for packs < 8 units XS model	
Additional cost for packs < 8 units S, S+, M, L models	
After water meter check valve 320 15PP (valve 43Z)	
Before water meter valve tamper-proof K	
Double door	
Option for XS model: ringed casing fitting the PE pipes at the outlet (all models with pipes)	
Straight valve (for meter ND15 length 170 mm) Before water meter valve lockable + valve-check valve 89	
Straight valve (for meter ND15 length 170 mm) Before water meter valve lockable + check valve 83	
Integrated sealing with valve 45 or 89 (rapid O-LINK nut)	
Pressure reducer ND 15 fitted before or after water meter according to requirement and box model (on request)	
Pressure reducer ND 20 fitted before or after water meter according to requirement and box model (on request)	



45K
Before water meter valve tamper-proof + valve-check valve (elbow)



43 Z
Before water meter valve lockable + check valve (elbow)



89 Z
Before water meter valve lockable + valve-check valve (straight) + elbow



Assembly with pressure reducer



- Easily identified by the "WATER" service inscription.
- **Extremely resistant to ageing** thanks to its UV-resistant PVC casing.
- RAL 1015 colour: standard colour used for all technical boxes.
- **Removable door that provides access to a space for 1 or 2 customer meters.**

- Double-door model available as an option.
- **One-piece design with no thermal bridge**, which significantly improves its resistance to frost (CEREMA laboratory test certificates are available).
- Guaranteed French Origin certified by an authorised body.

Single meter boxes

TOOLS AND SPARE PARTS

Description	Plastic key	Metal key	Thermal barrier
CLS ref.	CLE C8P	CLE C8M	PDR CBBAT
Price in € excl. tax			

Description	Replacement door	Sealing frame (and mounting clips)
CLS ref.	PDR CBP3GVM	PDR CBCADCLIP
Price in € excl. tax		



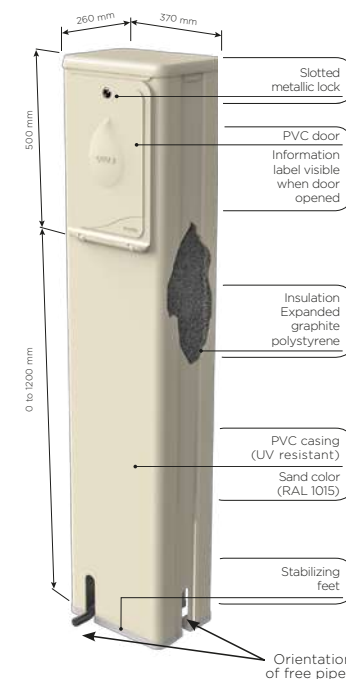
CLE C8P



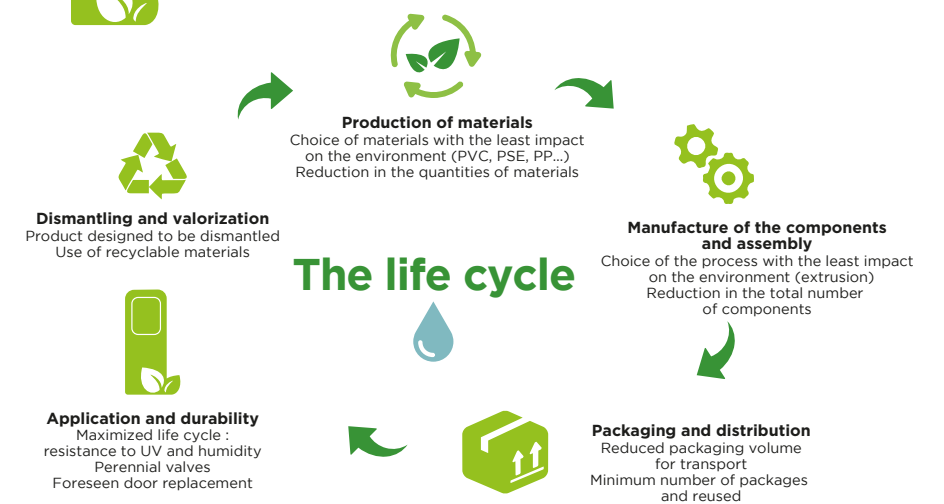
CLE C8M

DID YOU KNOW?

The water meter box bordering the property is installed on private property. This makes it easier to maintain and renovate the pavements.



The Eco Design approach applied to the life cycle of the e-cub box





Double water meter boxes

E-CUB BOX

Compact with frost protection for in-line meters ND 15 length 110 mm / Valves ND 15 / Standard model - Valves 45 Z: before water meter valve lockable elbow + valve-check valve elbow / Graphite grey insulation (50 g/l) / Stabilising feet / Removable door / Metallic lock / Supplied with a plastic key / Pack of 8



Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
2 long pipes PE 25 / 2 long pipes PE 25	15	500 mm XS model	CBXSD152525L2525L45Z	
2 elbow pipes PE 25 / 2 elbow pipes PE 25	15		CBXSD152525C2525C45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 25	15		CBXSD153200C2525C45Z	
1 elbow pipe PE 32 / 2 long pipes PE 25	15		CBXSD153200C2525L45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 32	15		CBXSD153200C3232C45Z	
Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
2 long pipes PE 25 / 2 long pipes PE 25	15	1100 mm S model	CBSD152525L2525L45Z	
2 elbow pipes PE 25 / 2 elbow pipes PE 25	15		CBSD152525C2525C45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 25	15		CBSD153200C2525C45Z	
1 elbow pipe PE 32 / 2 long pipes PE 25	15		CBSD153200C2525L45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 32	15		CBSD153200C3232C45Z	
Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
2 long pipes PE 25 / 2 long pipes PE 25	15	1300 mm SP model	CBSPD152525L2525L45Z	
2 elbow pipes PE 25 / 2 elbow pipes PE 25	15		CBSPD152525C2525C45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 25	15		CBSPD153200C2525C45Z	
1 elbow pipe PE 32 / 2 long pipes PE 25	15		CBSPD153200C2525L45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 32	15		CBSPD153200C3232C45Z	



Double water meter boxes

DID YOU KNOW?

Sainte-Lizaigne offers O-Link technology to facilitate installations in the metering environment, particularly in tight spaces. It is suitable for all valves and provides a clever and secure connection to the meter: the seal is built-in and can be effortlessly tightened by hand. Do not hesitate to ask us about fitting this innovation to your boxes, manholes and rails.



Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
2 long pipes PE 25 / 2 long pipes PE 25	15	1500 mm M model	CBMD152525L2525L45Z	
2 elbow pipes PE 25 / 2 elbow pipes PE 25	15		CBMD152525C2525C45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 25	15		CBMD153200C2525C45Z	
1 elbow pipe PE 32 / 2 long pipes PE 25	15		CBMD153200C2525L45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 32	15		CBMD153200C3232C45Z	
Inlet / Outlet	ND	Height in mm-model	CLS ref.	Price in € excl. tax
2 long pipes PE 25 / 2 long pipes PE 25	15	1700 mm L model	CBLD152525L2525L45Z	
2 elbow pipes PE 25 / 2 elbow pipes PE 25	15		CBXL152525C2525C45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 25	15		CBLD153200C2525C45Z	
1 elbow pipe PE 32 / 2 long pipes PE 25	15		CBLD153200C2525L45Z	
1 elbow pipe PE 32 / 2 elbow pipes PE 32	15		CBLD153200C3232C45Z	

Long pipes: external dimension 1.50 m (XS model: 1 m).
Elbow pipes S, M, L models: external dimension 0.20 m.

Carriage:
3 pallets
i.e. 24 boxes



OPTIONS

Description	+/- value
Additional cost for packs < 8 units XS model	
Additional cost for packs < 8 units S, S+, M, L models	
After water meter check valve 320 15PP (valve 43Z)	
Before water meter valve tamper-proof K	
Double door	
Option for XS model: ringed casing fitting the PE pipes at the outlet (all models with pipes)	
Integrated sealing with valve 45 (rapid O-LINK nut)	



Single meter boxes

FAÇADE BOX

For in-line water meter ND 15 length 110 or 170 mm or ND 20 length 110 mm / Valves ND 15 or 20 / Standard model - Valves 44K78PP: before water meter valve tamper-proof K elbow + check valve + after water meter valve elbow / Finishing base / 4 independent feet / 1/4 turn camlock



44K78PP

The box is installed bordering the property. It houses and protects the water meter and valves, which are accessible above ground from the public domain. This makes it easier for the operator to carry out any work required whilst enabling the customer to easily read the water meter and access the valves

Inlet / Outlet	ND water meter/valves	Finish	CLS ref.	Price in € excl. tax
for connection 25	15	with base	CFAS15AA44K78PP	
for connection 25	15	without base	CFSS15AA44K78PP	

- Ready-to-install solution.
 - Supplied with 4 independent feet for easier installation.
- Finishing base in the lower part for perfect integration into the environment.

INFO: The boxes can accommodate all types of water meter valves from the U-CAN and PRIZDO ranges.



512 SP10

518 C

320

328 G

Other model - Valves 44Z78PP: before water meter valve lockable Z elbow + check valve + after water meter valve elbow

Inlet / Outlet	ND water meter/valves	Finish	CLS ref.	Price in € excl. tax
for connection 25	15	with base	CFAS15AA44Z78PP	
for connection 25	15	without base	CFSS15AA44Z78PP	



Single meter boxes



Multiple configurations and boxes are available. Please specify the following for all requests: connection, ND, type of before and after water meter valve, finish.

MULTIPLE CONFIGURATIONS

Connection	ND	Finish	Type of valve	Valve handle	Check valve type
Inlet 25 Outlet 25	15	with base	Elbow before water meter valve and after water meter check valve	Standard A	length 78 drain-drain
inlet 25 outlet 32			Elbow before and after water meter valves		length 58 drain-drain
inlet 32 outlet 32	20	without base	Elbow before water meter valve and after water meter valve-check valve	Lockable Z	length 78 cap-drain
inlet 32 outlet 25			Straight before water meter valve and elbow after water meter check valve		length 58 cap-drain
			Straight before and after water meter valves	Tamper-proof K	length 78 cap-cap
			Straight before water meter valve and after water meter valve-check valve		length 58 cap-cap

Please contact us.

OPTION

Description
Telescopic connecting part to switch from 1 to 2 water meters ("green" meter or watering meter)



ISOCOURT+

Water meter manhole

Body in ribbed PP
Head reinforced with PP GF
90° rotatable connections



1

2

2

3

4



1 Perfect integration

- Standard oval cover resistant to rolling loads of 12.5T
- Rectangular frame available for paving
- Cast iron cover as an option

2 Easy to install

- Head tiltable to 6°
- Inlet and outlet pipes adjustable to 90°
- Large seat for stability
- Ribbed height for increased puncture resistance

3 Quick to put into service

Water meter installed in seconds thanks to patented piston positioning system

4 Easy to maintain

- Metal plate to locate the system
- Pre-cutting system with no need for street box intervention
- Water meter, valve and check valve that can be removed without tools
- Invisible house connection shut-off valve thanks to removable needle on before water meter valve

TIME SAVED FOR THE TEAMS

Quick and easy operations

OPTIMISED STOCKS

2 models to cover all the frost zones

PROTECTED METERING STATION

Frost resistance guaranteed by its design (insulation, shape) and the heat drawn at depth

All our products on
appli-claire



Watch the **installation tutorials**
on our channel



**More than
550,000
manholes**
installed in France



The ISOCOURT+ metering manhole from Hydroméca is imagined and designed to preserve the environment: 60% of its materials have been recycled and it is 100% recyclable.

Single water meter manholes



ISOCOURT+MANHOLE

Compact with frost protection for water meter ND 15 length 110 mm / Before water meter valve lockable and valve with integrated check valve / Piston mounting plate / Cleat for adjusting and locking the height / Cover tiltable to 6° / 90° connections / Metal detection plate / Invisible house connection locking system / Reinforced head 290 x 380 mm in PP GF / Resistance to rolling loads according to EN 124 class B

Inlet / Outlet	ND	Model	Height (mm)	Cover	HYD ref.	Price in € excl. tax
PE 25	15	White / blue zone	525-900	Oval	C 5301 08002	
PE 25 1.50 m	15				C 5301 08003	
Pushfit 25	15				C 5301 08001	
Pushfit 32	15				C 5301 08004	

Inlet / Outlet	ND	Model	Height (mm)	Cover	HYD ref.	Price in € excl. tax
PE 25	15	White / blue zone	525-900	Rectangular	C 5301 06002	
PE 25 1.50 m	15				C 5301 06003	
Pushfit 25	15				C 5301 06001	
Pushfit 32	15				C 5301 06004	

Inlet / Outlet	ND	Model	Height (mm)	Cover	HYD ref.	Price in € excl. tax
PE 25	15	Blue / dark blue zone	850 - 1200	Oval	C 5301 09002	
PE 25 1.50 m	15				C 5301 09003	
Pushfit 25	15				C 5301 09001	
Pushfit 32	15				C 5301 09004	

Inlet / Outlet	ND	Model	Height (mm)	Cover	HYD ref.	Price in € excl. tax
PE 25	15	Blue / dark blue zone	850 - 1200	Rectangular	C 5301 07002	
PE 25 1.50 m	15				C 5301 07003	
Pushfit 25	15				C 5301 07001	
Pushfit 32	15				C 5301 07004	



Single water meter manholes

ACCESSORIES AND SPARE PARTS



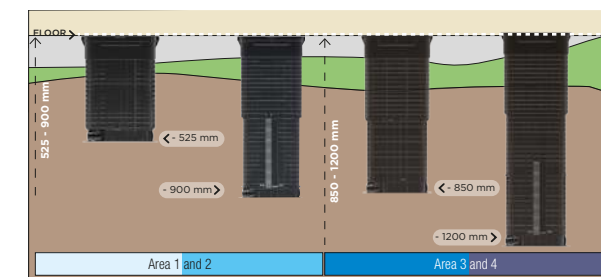
Description	Before water meter valve lockable for ISOCOURT+	Valve with integrated check valve for ISOCOURT+	Water meter seals for ISOCOURT+ manholes Pack of 50	Water meter seals for ISOCOURT (previous model) manholes Pack of 50
HYD ref.	C 5301 05516	C 5301 05517	C 5301 05026	C 5301 05009
Price in € excl. tax				



Description	Single oval composite cover	Single rectangular composite cover	Composite cover 125 kN	Single cast iron cover
HYD ref.	C 5301 05524	C 5301 05513	C 5301 05022	C 5301 05510
Price in € excl. tax				



Description	Cast iron cover 125 kN	Piston clamp	Reinforcement ISOCOURT+	Numerous other spare parts are available. Please do not hesitate to contact us.
HYD ref.	C 5301 05509	C 5301 05308		
Price in € excl. tax				



- Compact water meter manhole that **makes team work easier**.
- **Piston positioning system to install the water meter in a few seconds.**
- **Fast maintenance operations:** the **pre-cut-off system** eliminates the need to operate the street box, and the water meter, valve and check valve can be dismantled by hand.
- Manhole 100% compatible with composite water meters.

- Corrosion-resistant acetal valves, suitable for waste water and very hard water.
- Before water meter valve can be locked by the operator and an after water meter valve-check valve provides customer access.
- Very large riser that can be adjusted to a wide range of heights allowing it to cover all frost zones with just 2 references.

E-CUB

Water meter manhole

PVC recycled casing

Expanded polystyrene insulation with PS skin

Adjustable height and PP cover



1 Perfect integration

- An A15 composite cover for pedestrianised zones
- A composite version suitable for regulated traffic zone
- Cast iron cover B125, NF-certified

2 Secure access

Several cover locking devices available as an option

3 Accessibility

- Adequate space for multiple configurations: valves ND 15 and 20, water meters length 110 to 190 mm
- Access to simplified water meter

4 Adaptability

- Metering assembly customised for on-site use
- Fixed standard valves: E-CUB FIX manhole
- Flexible pipes enabling water meter removal: E-CUB FLEX chamber
- Removable hydraulic assembly: E-CUB COMFORT chamber

SIMPLIFIED INSTALLATION

Manhole ready to install and set up

STRAIGHTFORWARD OPERATIONS

Customised configuration suitable for operating and maintenance requirements

PROTECTED METERING STATION

Frost resistance certificates supplied by a laboratory (CEREMA)



Composite cover A15



Composite cover for regulated zones



Cast iron cover B125, NF-certified



— Single water meter manholes

E-CUB FIX CHAMBER

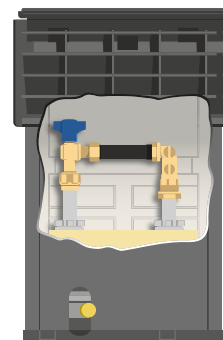
For water meter ND 15 length 110 mm or ND 20 length 110 mm / ready to install / Direct access / Fixed standard valves, easily interchangeable / Standard model - Valve 43 Z: before water meter valve lockable elbow + check valve elbow / White insulation with PS skin / A15 cover with plastic lock, B125 cast iron cover or synthetic cover "regulated zone" / Packs of 8 for manholes with elbow pipes (except model S packs of 12) Packs of 6 for manholes with long pipes



Inlet / Outlet	ND	Installation	Height	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Outside traffic zone Synthetic material cover A15	600 mm S model	CRS1525LS43ZAP	
elbow pipes PE 25	15			CRS1525CS43ZAP	
elbow pipes PE 32	15			CRS1532CS43ZAP	
elbow pipes PE 32	20			CRS2032CS43ZAP	
long pipes PE 25	15		800 mm M model	CRM1525LS43ZAP	
elbow pipes PE 25	15			CRM1525CS43ZAP	
elbow pipes PE 32	15			CRM1532CS43ZAP	
elbow pipes PE 32	20			CRM2032CS43ZAP	
long pipes PE 25	15		1000 mm L model	CRL1525LS43ZAP	
elbow pipes PE 25	15			CRL1525CS43ZAP	
elbow pipes PE 32	15			CRL1532CS43ZAP	
elbow pipes PE 32	20			CRL2032CS43ZAP	

Inlet / Outlet	ND	Installation	Height	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone B125 EN124 Cast iron cover 	600 mm S model	CRS1525LS43ZBF	
elbow pipes PE 25	15			CRS1525CS43ZBF	
elbow pipes PE 32	15			CRS1532CS43ZBF	
elbow pipes PE 32	20			CRS2032CS43ZBF	
long pipes PE 25	15		800 mm M model	CRM1525LS43ZBF	
elbow pipes PE 25	15			CRM1525CS43ZBF	
elbow pipes PE 32	15			CRM1532CS43ZBF	
elbow pipes PE 32	20			CRM2032CS43ZBF	
long pipes PE 25	15		1000 mm L model	CRL1525LS43ZBF	
elbow pipes PE 25	15			CRL1525CS43ZBF	
elbow pipes PE 32	15			CRL1532CS43ZBF	
elbow pipes PE 32	20			CRL2032CS43ZBF	

— Single water meter manholes



S43 Z

Inlet / Outlet	ND	Installation	Height	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone Synthetic material cover	600 mm S model	CRS1525LS43ZBS	
elbow pipes PE 25	15			CRS1525CS43ZBS	
elbow pipes PE 32	15			CRS1532CS43ZBS	
elbow pipes PE 32	20			CRS2032CS43ZBS	
long pipes PE 25	15		800 mm M model	CRM1525LS43ZBS	
elbow pipes PE 25	15			CRM1525CS43ZBS	
elbow pipes PE 32	15			CRM1532CS43ZBS	
elbow pipes PE 32	20			CRM2032CS43ZBS	
long pipes PE 25	15		1000 mm L model	CRL1525LS43ZBS	
elbow pipes PE 25	15			CRL1525CS43ZBS	
elbow pipes PE 32	15			CRL1532CS43ZBS	
elbow pipes PE 32	20			CRL2032CS43ZBS	

Long pipes: external dimension 1.50 m. Elbow pipes: external dimension 0.20 m.

Options on following page.

Tools and spare parts on page 73.

Carriage:
24 manholes

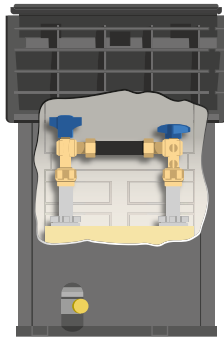
- Easy to install and set up.
- **Direct access to the water meter and easily interchangeable standard valves.**
- Various functions before and after the water meter: lockable, tamper-proof, valve with integrated check valve in ND 15 or 20.

- Integration in regulated traffic zone thanks to dedicated cast iron or composite covers.
- Secure access to the metering station thanks to optional lockable devices.
- Guaranteed French Origin certified by an authorised body.





Single water meter manholes



S45 Z

E-CUB FIX MANHOLE OPTIONS

Description	+/- value
Additional cost for packs < 8 units (elbow pipes) or < 6 units (long pipes)	
After water meter valve-check valve 518C15PP	
Before water meter valve tamper-proof K ND 15	
Before water meter valve tamper-proof K ND 20	
Plus-value locked cast iron cover	
Plus-value locked 1/4 turn synthetic cover "regulated zone"	
Plus-value locked with screw synthetic cover "regulated zone"	



S45 Z
before water meter valve
lockable Z + valve-check valve
518C (elbow)



S45 K
before water meter valve
tamper-proof K + valve-
check valve 518C (elbow)



S43 K
before water meter valve
tamper-proof K + check
valve (elbow)



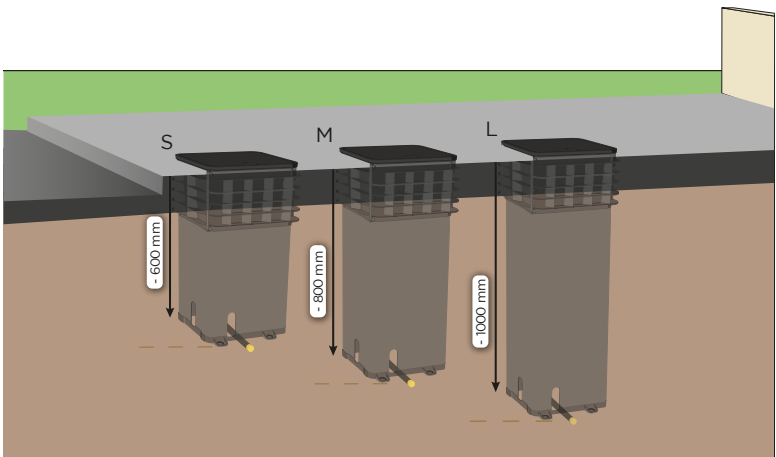
S83 Z
before water meter valve
lockable Z + check valve
(straight) + elbow

DID YOU KNOW?

Sainte-Lizaigne offers O-Link technology to facilitate installations in the metering environment, particularly in tight spaces. It is suitable for all valves and provides a clever and secure connection to the meter: the seal is built-in and can be effortlessly tightened by hand. Do not hesitate to ask us about fitting this innovation to your boxes, manholes and rails.



Single water meter manholes



Resistance to frost tested by the CEREMA Laboratory

TOOLS, SPARE PARTS AND SINGLE PARTS

Description	Plastic key for plastic cover	Metal key for locked cast iron cover
CLS ref.	CLE C8P	CLE C8M
Price in € excl. tax		
Description	Synthetic cover for regulated traffic zone	Cast iron cover B125 EN124
CLS ref.	CRTAM BS	CRTAM BF
Price in € excl. tax		
CLS ref. Locked (with disk 1/4 turn)	CRTAM BSV	-
Price in € excl. tax		
CLS ref. Locked	CRTAM BSVV	CRTAM BFV
Price in € excl. tax		
Description	Height insulating stopper without cover	Height insulating stopper with cover A15
CLS ref.	PDR CR REH 01	PDR CR REH 02
Price in € excl. tax		
Description	Spare A15 cover for e-cub manhole	
CLS ref.	PDR CRTAM AP01	
Price in € excl. tax		



CLE C8P



CLE C8M



Cast iron cover
B125 EN124



Synthetic cover for
regulated zone

Carriage:
24 manholes

Single water meter manholes

E-CUB FLEX MANHOLE

For water meter ND 15 length 110 to 170 mm or ND 20 length 110 to 190 mm / Flexible pipes enabling water meter removal / Easy water meter installation / Direct index reading / Standard model - Valves 43 Z: before water meter valve lockable elbow + check valve elbow / white insulation with PS skin / A15 cover with plastic lock, B125 cast iron cover or synthetic cover "regulated zone" / Packs of 8 for manholes with elbow pipes (except model S packs of 12) / Packs of 6 for manholes with long pipes

Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Outside traffic zone Synthetic material cover A15	600 mm S model	CRS1525LF43ZAP	
elbow pipes PE 25	15			CRS1525CF43ZAP	
elbow pipes PE 32	15			CRS1532CF43ZAP	
elbow pipes PE 32	20*			CRS2032CF83ZAP	
long pipes PE 25	15		800 mm M model	CRM1525LF43ZAP	
elbow pipes PE 25	15			CRM1525CF43ZAP	
elbow pipes PE 32	15			CRM1532CF43ZAP	
elbow pipes PE 32	20*			CRM2032CF83ZAP	
long pipes PE 25	15		1000 mm L model	CRL1525LF43ZAP	
elbow pipes PE 25	15			CRL1525CF43ZAP	
elbow pipes PE 32	15			CRL1532CF43ZAP	
elbow pipes PE 32	20*			CRL2032CF83ZAP	

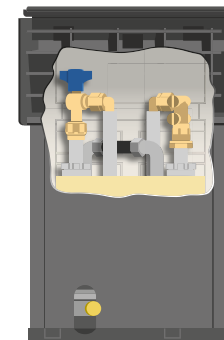
Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone B125 EN124 Cast iron cover 	600 mm S model	CRS1525LF43ZBF	
elbow pipes PE 25	15			CRS1525CF43ZBF	
elbow pipes PE 32	15			CRS1532CF43ZBF	
elbow pipes PE 32	20*			CRS2032CF83ZBF	
long pipes PE 25	15		800 mm M model	CRM1525LF43ZBF	
elbow pipes PE 25	15			CRM1525CF43ZBF	
elbow pipes PE 32	15			CRM1532CF43ZBF	
elbow pipes PE 32	20*			CRM2032CF83ZBF	
long pipes PE 25	15		1000 mm L model	CRL1525LF43ZBF	
elbow pipes PE 25	15			CRL1525CF43ZBF	
elbow pipes PE 32	15			CRL1532CF43ZBF	
elbow pipes PE 32	20*			CRL2032CF83ZBF	

Tools and spare parts on page 73.

Carriage:
24 manholes



Single water meter manholes



F43 Z



F45 Z before water meter valve
lockable Z + valve-check valve
518C (elbow)



F45 K before water meter valve
tamper-proof K + valve-check
valve 518C (elbow)

Supplied with 2 sealing
rings (valve-flexible pipe
connections)



Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone Synthetic material cover	600 mm S model	CRS1525LF43ZBS	
elbow pipes PE 25	15			CRS1525CF43ZBS	
elbow pipes PE 32	15			CRS1532CF43ZBS	
elbow pipes PE 32	20*			CRS2032CF83ZBS	
long pipes PE 25	15		800 mm M model	CRM1525LF43ZBS	
elbow pipes PE 25	15			CRM1525CF43ZBS	
elbow pipes PE 32	15			CRM1532CF43ZBS	
elbow pipes PE 32	20*			CRM2032CF83ZBS	
long pipes PE 25	15		1000 mm L model	CRL1525LF43ZBS	
elbow pipes PE 25	15			CRL1525CF43ZBS	
elbow pipes PE 32	15			CRL1532CF43ZBS	
elbow pipes PE 32	20*			CRL2032CF83ZBS	

Long pipes: external dimension 1.50 m. Elbow pipes: external dimension 0.20 m.
* Valves 83Z: straight before water meter lockable valve + straight check valve.

OPTIONS

Description	+/- value
Additional cost for packs < 8 units (elbow pipes) or < 6 units (long pipes)	
After water meter valve-check valve 518C15PP	
Before water meter valve tamper-proof K ND 15	
Before water meter valve tamper-proof K ND 20	
Straight valves 83	
Straight valves 89	
Plus-value locked cast iron cover	
Plus-value locked 1/4 turn synthetic cover "regulated zone"	
Plus-value locked with screw synthetic cover "regulated zone"	

- Easy to install and set up: the meter is installed above ground.
- **Meter removal via flexible pipes for direct meter reading and straightforward maintenance.**
- Standard valves, easily interchangeable.
- Various functions before and after the water meter: lockable, tamper-proof, valve with

- integrated check valve and accommodates all ND 15 and 20 meters commercially available.
- Integration in regulated traffic zone thanks to dedicated cast iron or composite covers.
- Secure access to the metering station thanks to optional lockable devices.
- Guaranteed French Origin certified by an authorised body.

Single water meter manholes

E-CUB CONFORT MANHOLE

For water meter ND 15 length 110 or 170 mm / Extractable hydraulic assembly / Automatic pre cut-off / Maintenance outside manhole / Quick intervention without water stop / Standard model - Valve 43 A: before water meter valve elbow + check valve elbow / White insulation with PS skin / A15 cover with plastic lock, B125 cast iron cover or synthetic cover "regulated zone" / Packs of 8 for manholes with elbow pipes (except model S packs of 12) Packs of 6 for manholes with long pipes

Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Outside traffic zone Synthetic material cover A15	600 mm S model	CRS1525LG43AAP	
elbow pipes PE 25	15			CRS1525CG43AAP	
elbow pipes PE 32	15			CRS1532CG43AAP	
long pipes PE 25	15		800 mm M model	CRM1525LG43AAP	
elbow pipes PE 25	15			CRM1525CG43AAP	
elbow pipes PE 32	15			CRM1532CG43AAP	
long pipes PE 25	15		1000 mm L model	CRL1525LG43AAP	
elbow pipes PE 25	15			CRL1525CG43AAP	
elbow pipes PE 32	15			CRL1532CG43AAP	

Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone B125 EN124 Cast iron cover 	600 mm S model	CRS1525LG43ABF	
elbow pipes PE 25	15			CRS1525CG43ABF	
elbow pipes PE 32	15			CRS1532CG43ABF	
long pipes PE 25	15		800 mm M model	CRM1525LG43ABF	
elbow pipes PE 25	15			CRM1525CG43ABF	
elbow pipes PE 32	15			CRM1532CG43ABF	
long pipes PE 25	15		1000 mm L model	CRL1525LG43ABF	
elbow pipes PE 25	15			CRL1525CG43ABF	
elbow pipes PE 32	15			CRL1532CG43ABF	

Inlet / Outlet	ND	Installation	Height in mm-model	CLS ref.	Price in € excl. tax
long pipes PE 25	15	Regulated traffic zone Synthetic material cover	600 mm S model	CRS1525LG43ABS	
elbow pipes PE 25	15			CRS1525CG43ABS	
elbow pipes PE 32	15			CRS1532CG43ABS	
long pipes PE 25	15		800 mm M model	CRM1525LG43ABS	
elbow pipes PE 25	15			CRM1525CG43ABS	
elbow pipes PE 32	15			CRM1532CG43ABS	
long pipes PE 25	15		1000 mm L model	CRL1525LG43ABS	
elbow pipes PE 25	15			CRL1525CG43ABS	
elbow pipes PE 32	15			CRL1532CG43ABS	

Long pipes: external dimension 1.50 m. Elbow pipes: external dimension 0.20 m.

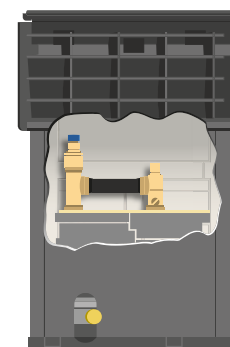


Carriage:
24 manholes

Single water meter manholes

OPTIONS

Description	+/- value
Additional cost for packs < 8 units (elbow pipes) or < 6 units (long pipes)	
Plus-value before water meter K for guillotine model supplied with after water meter valve (only on 110 mm meter)	
Plus-value locked cast iron cover	
Plus-value locked 1/4 turn synthetic cover "regulated zone"	
Plus-value locked with screw synthetic cover "regulated zone"	



43 A

- Easy to install and set up.
- **Extraction of the hydraulic assembly for quick installation of the water meter** (with integrated sealing) **and easy maintenance:** access to valves outside manhole. Water meter can be dismantled without tools.
- **Pre cut-off system** provided for quick intervention under load, without any disturbance for customers.
- Tamper-proof function available before the water meter and includes an after water meter valve for the customer.
- Integration in regulated traffic zone thanks to dedicated cast iron or composite covers.
- Secure access to the metering station thanks to optional lockable devices.
- Guaranteed French Origin certified by an authorised body.

SPECIFIC TOOLS FOR E-CUB COMFORT MANHOLE (AND FORMER A110 AND AQUAX 110)

Description	Short service key	Tool for changing valve support (upstream or downstream)
CLS ref.	A110 CLE	A110 OUTIL 01
Price in € excl. tax		
Description	Long service key	Drain valve fitted with a discharge pipe outside the manhole
CLS ref.	A110 OUTIL 02	A110 OUTIL 03
Price in € excl. tax		
Description	Dismantling wrench for valve supports (upstream or downstream)	AVC valve + bypass + APC Drain-Cap
CLS ref.	A110 OUTIL 05	PDR A110 06PB
Price in € excl. tax		
Description	AVC valve + bypass + APC Drain-Drain	Replacement guillotine for manhole A110
CLS ref.	PDR A110 06PP	PDR A110 11
Price in € excl. tax		



PDR A110 06PB



PDR A110 06PP



PDR A110 11

Single water meter manholes

NEW



DUO, TRIO, QUATRO COMPACT MANHOLE

Ready-to-install manhole / Pavement resistance / Configuration for 2 to 4 ND 15 water meters / 1 PE inlet and 2 to 4 PE outlets

Model	Height	Dimensions	Composition	Cover	HYD ref.	Price in € excl. tax
DUO 2 water meters ND15	SOUTH zone	450 x 300	Before water meter valve, elbowed, lockable O'LINK	Composite B125	C 5401 02203	
	NORTH zone		Valve with integrated check valve, elbowed O'LINK	Composite B125	C 5401 02205	
TRIO 3 water meters ND15	SOUTH zone	450 x 300	PE inlets/outlets	Composite B125	C 5401 02205	
	NORTH zone		insulating foam			
QUATRO 4 water meters ND15	SOUTH zone	450 x 300	Before water meter valve, elbowed, lockable O'LINK	Composite B125	C 5401 03203	
	NORTH zone		Valve with integrated check valve, elbowed O'LINK	Composite B125	C 5401 03205	
QUATRO 4 water meters ND15	SOUTH zone	450 x 300	PE inlets/outlets	Composite B125	C 5401 03205	
	NORTH zone		insulating foam			



- Ultra-compact ready-to-install system for minimum space requirements.
- Easy to install without the need for any specific tools or machinery.

- Single access to multiple meters for simpler operations.



Check out our **PRODUITS_**
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high-performance water
networks!

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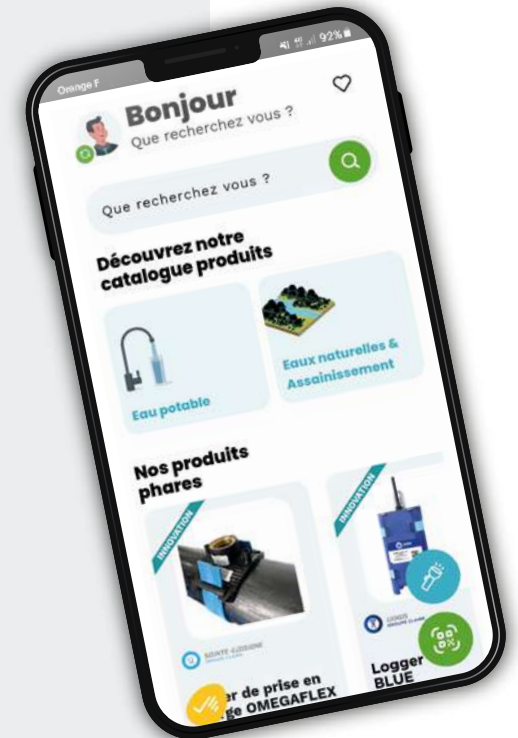
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app-claire.com



SCAN TO
DOWNLOAD

Multiple metering equipment

Customised fitted manhole

Multiple metering
Hydroméca manifolds and metering rails
Sainte-Lizaigne valves



- 1 Accessibility**
 - Adequate metering space for 2 to 15 customers
 - Multi-configuration: valves ND 15 to 40
- 2 Adaptability**
 - Option to raise meters to make operations easier
- 3 Quality**
 - Assembly in France, in our workshops
 - Assembly including polyfused manifold with straight inlet, a before water meter valve, an anti-pollution check valve, a connection for PE/PVC, a polypropylene water meter support
 - Manhole fitted with Sainte-Lizaigne valves individually tested for leaks before leaving the plant

SIMPLIFIED INSTALLATION

Manhole ready to install and set up

OPTIMISED OPERATING COSTS

Single access to manage the water distribution of several customers

CUSTOMISED SOLUTIONS

Metering assembly customised for on-site use
Option to supply the manhole with water meters of your choice



— Fitted multiple metering manholes

MULTIPLE METERING EQUIPMENT

Fitted, ready-to-install manhole / Pavement resistance / Customised configuration including polyfused manifold with straight inlet, composite water meter support, before water meter valve, anti-pollution check valve, connection for PE/PVC pipes / Option to install up to 15 height adjustable water meters / ND 15 to ND 40

PE inlet	Equipment	Recommended manhole	HYD equipment ref.	Price in € excl. tax
32	2 water meters ND15	600 x 450	C 5201 02030	
32	3 water meters ND15	600 x 450	C 5201 03030	
32	4 water meters ND15	915 X 610	C 5201 04030	
40	5 water meters ND15	915 x 610	C 5201 05040	
40	6 water meters ND15	915 x 610	C 5201 06040	
40	7 water meters ND15	1,300 x 850	C 5201 07040	
50	8 water meters ND15	1,300 x 850	C 5201 08050	
50	9 water meters ND15	1,300 x 850	C 5201 09050	
50	10 water meters ND15	1,300 x 850	C 5201 10050	

Other configurations on request.

To order a fitted, ready-to-install manhole, add the reference of the recommended manhole to your equipment reference. See the following pages for the range of manholes and chambers available.

- Hydroméca multiple metering equipment comprise high-quality products: Sainte-Lizaigne valves, Hydroméca meter support.
- Assembled in our workshops in France, their **configurations can be customised** (from 1 to

15 customers, from ND 15 to ND 40, raised meters), reacting promptly to your needs and saving time on your construction sites.

- The manhole is supplied ready to install.



Multiple metering equipment
8 meters

— Fitted multiple metering manholes

MULTIPLE METERING EQUIPMENT

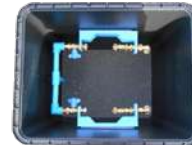
PE inlet	Equipment	Recommended manhole	HYD equipment ref.	Price in € excl. tax
32	2 water meters ND20	600 x 450	C 520202530	
32	3 water meters ND20	600 x 450	C 520203030	
40	3 water meters ND20	600 x 450	C 520203040	
50	4 water meters ND20	900 x 600	C 520204050	
50	5 water meters ND20	900 x 600	C 520205050	
32	1 meter ND25	600 x 450	C520301030	
40	1 meter ND30	900 x 600	C 520401040	
50	1 meter ND30	900 x 600	C 520401050	
50	1 meter ND40	900 x 600	C 520501050	



Multiple metering equipment
5 raised meters

TYPICAL CONFIGURATIONS



			
Equipment	2 meters	3 meters	6 meters
			
Equipment	2 raised meters	3 raised meters	6 raised meters

— One-piece manholes



The one-piece manhole shelters and protects one or more metering systems. It is buried under the pavement or in the garden, making it accessible in the public or private domain.



DOUBLE SKIN

High-density polyethylene manholes with double skin / For green spaces or pavements / Supplied with class A cover (15kN) or other cover (up to class B - 125kN) as an option / Can be fitted with up to 7 ND 15 to ND 40 meters / Fitted with insulation and a base in models 1220 and 2619-18 / Can be raised by 160 mm and 250 mm for the 1730-18 model

Model	L x w opening	L x w depth	Height	Insulation	HYD manhole ref.	Price in € excl. tax
1419-12	395 x 265	500 x 350	305	-	C 5001 01001	
1220-12TI	505 x 340	610 x 430	305	Cover included	C 5001 02001	
1220-18TI	510 x 340	640 x 470	460	Cover included	C 5001 02022	

Model	HYD base ref.	Price in € excl. tax	HYD riser ref.	Price in € excl. tax
1419-12	C 5001 01004		C 5001 01003	
1220-12TI	Included		C 5001 02005	
1220-18TI	Included		C 5001 02005	

Model	HYD B125 cast iron cover ref.	Price in € excl. tax
1419-12	C 5001 01006	
1220-12TI	C 5001 02007	
1220-18TI	C 5001 02007	

— One-piece manholes



Cover A15



Cast iron cover B125



Riser

DOUBLE SKIN

Model	L x w opening	L x w depth	Height	HYD manhole ref.	Price in € excl. tax
1324-18	600 x 355	785 x 550	455	C 5001 04001	
1730-18	780 x 450	955 x 625	460	C 5001 05001	
2619-18	650 x 465	525 x 353	460	C 5001 07001	

Model	HYD base ref.	Price in € excl. tax	HYD riser ref.	Price in € excl. tax
1324-18	C 5001 04002		C 5001 04004	
1730-18	C 5001 05006		C 5001 05005	
2619-18	Included		C 5001 07003	

Model	HYD insulation ref.	Price in € excl. tax	HYD B125 cast iron cover ref.	Price in € excl. tax
1324-18	-		C 5001 04006	
1730-18	-		C 5001 05009	
2619-18	C 5001 07007		C 5001 07005	

Hydroméca offers customised, ready-to-install multiple metering equipment comprising a manhole, manifold, supports and valves. Please contact us for all requests. A selection is also shown on page 82.

Modular chambers



See page 337 for details of options.



MODULA

Modular rings for forming chambers / Polypropylene / Installation in pedestrian areas, pavements or under roads / Pre-formed sections 15 cm high / Vertical load resistance greater than 40 tonnes (test D400 of standard EN 124) / Lateral resistance on PRV chamber: more than 200 kg/cm² under load (test performed on size 155 x 750) / Covers in compliance with standard EN 124 / Cover materials Class A15, B125, C250: composite PRV

Dim: L x w x h mm	Pack B125 HYD ref. (manhole + base+ cover)	Pack C250 HYD ref. (manhole + base+ cover)	30 cm riser HYD ref.	Price in € excl. tax
450 x 300 x 300	C 5108 01002	-	-	
	-	C 5108 01006	-	
	-	-	C 5101 01012	
600 x 450 x 300	C 5108 01004	-	-	
	-	C 5108 01014	-	

Dim: L x w x h mm	HYD ref. per Ring 15 cm	HYD ref. Ring + Base	HYD ref Cover A15	HYD ref Cover B125	HYD ref Cover C250	Price in € excl. tax
450 x 300 x 300	-	C 5103 01001	-	-	-	
	-	-	C 5104 01101	-	-	
	-	-	-	C 5104 01201	-	
	-	-	-	-	C 5104 01301	
600 x 450 x 300	C 5101 01002	-	-	-	-	
	-	C 5103 01002	-	-	-	
	-	-	C 5104 01102	-	-	
	-	-	-	C 5104 01202	-	
	-	-	-	-	C 5104 01302	
750 x 300 x 300	C 5101 01005	-	-	-	-	
	-	C 5103 01005	-	-	-	
	-	-	C 5104 01105	-	-	
	-	-	-	C 5104 01205	-	
900 x 300 x 300	-	-	-	-	C 5104 01305	
	C 5101 01006	-	-	-	-	
	-	C 5103 01006	-	-	-	
	-	-	C 5104 01106	-	-	
	-	-	-	C 5104 01206	-	
	-	-	-	-	C 5104 01306	

Modular chambers



FORTRESS

Modular rings for forming chambers / High density polypropylene / Installation in pedestrian areas, pavements or under roads / Pre-formed sections 15 cm high / Vertical load resistance greater than 40 tonnes (test D400 of standard EN 124) / Lateral resistance on PRV chamber: more than 200 kg/cm² under load (test performed on size 155 x 750) / Covers in compliance with standard EN 124 / Cover materials Class A15, B125, C250: composite PRV, Class D400: Cast iron hinge only on model 915 x 600

Dim: L x W mm	HYD ref. per ring	HYD ref. Ring + Base	Price in € excl. tax
915 x 600	C 5101 02002	-	
	-	C 5103 02002	
915 x 915	C 5101 02003	-	
	-	C 5103 02003	

Dim: L x W mm	HYD ref Cover A15	HYD ref Cover B125	HYD ref Cover C250	HYD ref. Cover D400	Price in € excl. tax
915 x 600	C 5104 02102	-	-	-	
	-	C 5104 02402*	-	-	
	-	-	C 5104 02302	-	
	-	-	-	C 5104 02512	
915 x 915	C 5104 02103	-	-	-	
	-	C 5104 02203*	-	-	
	-	-	C 5104 02303	-	
	-	-	-	C 5104 02503	

*Also available in composite

For chambers starting from 850 mm wide, reusable wooden shoring is required for backfilling and compacting operations.

See page 337 for details of options.

- Modular rings that are easy to transport and install: **faster and safer work.**
- Highly modular in terms of dimensions and depths



PRV cover



Cast iron Cover

Conserving resources

The metering environment is a key point in the network, as it corresponds to the customer delivery point.

It is subject to regular intervention by operators and customers. The equipment used in the metering environment must be able to cope with these demands.

Choosing quality equipment that is easy to use contributes to the service life of the installations.

The valves must meet a variety of management and operating requirements (lockable before water meter, etc.), and must be adaptable to the configurations encountered in the field (existing installation, installation site) and be simple to install.

Sainte-Lizaigne water meter fittings: a complete range for all uses



The metering environment completes the customer's house connection. It manages water distribution and records consumption.

It consists of valves to open and close the water supply, a water meter and a check valve, and can be integrated into a variety of ready-to-install solutions for individual or multiple customers: rail, box, case, manifold, manhole, etc.

EASY TO MANAGE

A **before water meter valve** fitted with **lockable handle** for **easy management and control of delivery points**.

Before water meter valve 818 Z, see p.126



MULTI-CONFIGURATION

An **anti-pollution valve** incorporating the **after water meter** handle function for the customer in a tight space.

The check valve 518 C, see p.171



EASY TO FIT

A **unique technology to connect the water meter**: the O-LINK rapid nut, which already incorporates the sealing function in the valve and can be tightened by hand.

The water meter valve 818 EPJ, see p.136



Metering environment

Before water meter valve - Lockable Z

Check valve - O-LINK



- Simple management and control of delivery points
- No tools or conversion required to lock the handle
- Multi-configurations: straight, elbowed models, short, long, telescopic versions from ND 15 to ND 40



- Dual function: anti-pollution and after meter handle for the customer
- Minimal space
- Quick, safe connection to the water meter: built-in seal, tightened by hand

Fitted supports

Hydroméca fixed rails -
U-CAN CLIP fixed rail - U-CAN fixed rails
- PRIZDO fixed rails -
MODULA adjustable rails

Page

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Manifolds

Page

122

Water meter valves

U-CAN water meter valves-
Accessories for U-CAN valves - U-CAN after meter valves - U-CAN multi-rotation valves and accessories -
PRIZDO water meter valves - Accessories for PRIZDO valves - PRIZDO Stem-head valves and accessories

Page

124

Anti-pollution

U-CAN anti-pollution check valves - U-CAN valves with integrated check valve - Cartridge valves - PRIZDO anti-pollution valves - PRIZDO valves with integrated check valve - Filters

Page

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Building valves

Building valves -
Draw-off valves

Page

177

Metering accessories

Extensions - Bypass
- Water meter recalibration - Fittings
- Other accessories -
Seals - Sealing - Flow limitation

Page

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Fitted supports

Fully equipped metering rails

Fixed or adjustable supports, made of stainless steel or composite material

Brass or composite fittings



U-CAN range



PRIZDO range



1 Complete range of fitted supports for all uses

- Fixed or adjustable models
- ND 15 to 40
- Integrated or gas-threaded PE/PVC inlet / outlet
- Water meter connection with captive nut or O-LINK rapid nut

2 Various configurations

- U-CAN water meter fittings renowned for their modularity on construction sites
- PRIZDO water meter fittings for their simplicity and efficiency in everyday applications
- A variety of before-meter functions to manage delivery points
- Configurations adapted to the surrounding space: straight, elbowed, compact assemblies, etc.

FROM THE MOST COMPACT SOLUTION TO A MADE-TO-MEASURE CONFIGURATION

_ **U-CAN CLIP** ultra-compact fixed rail made entirely of composite material with simplified installation
ND 15

_ **U-CAN** fixed stainless steel rail robust and multiple configurations
ND 15 to 40

_ **PRIZDO** fixed stainless steel rail, simple and multiple configurations
ND 15 to 40

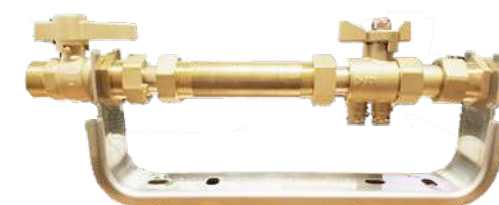
_ **MODULA** adjustable fixed rail, modular and multiple configurations
ND 15 and 20



U-CAN CLIP



U-CAN



PRIZDO



MODULA



Hydroméca fixed rails

HYDROMÉCA METERING RAIL

Fixed polypropylene support for water meter and valves ND 15

Standard model - Rail, before water meter fixed bush and after water meter sliding bush / Supplied in kit

Description	ND	HYD ref.	Price in € excl. tax
Rail	15	C 3001 02401	
Fixed bush	15	C 3101 01401	
Sliding bush	15	C 3102 01401	

Other model - Rail, before water meter valve lockable, after water meter check valve and sliding bush

ND	HYD ref.	Price in € excl. tax
15	C 3001 02001	



Fitted rails mounted on manifolds for multiple metering equipment



Manhole fitted with a manifold and metering rails for 2 customers

- Installation of the metering system on a wall or in a manhole.

- Suitable for installation in harsh environments: polypropylene support
- Supplied complete with valve ND 15, ready to install.

Several assemblies are available. For all requests, please specify the types of inlets and outlets, and the before and after water meter valves required. Hydroméca also offers complete metering systems in which the fitted support(s) are integrated in the manifolds in the manholes. A selection of multiple metering equipment and manifolds is presented on pages 82 and 122.



U-CAN CLIP fixed rails

NEW



U-CAN CLIP METERING RAIL

Fixed composite support for ND 15 water meter / All-composite fittings with seal

ND	Assembly	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	U-CAN CLIP rail	Ø25 - 20/27		
	Straight before water meter valve lockable Z			
	Straight check valve drain-drain	20/27 - 20/27		
15	U-CAN CLIP rail	Ø25 - 20/27		
	Straight before water meter valve lockable Z			
	Straight check valve drain-drain After water meter valve	20/27 - 20/27		

The metering rails are systems including the relevant support and valve to accommodate a water meter. They are installed in homes or manholes. They allow the water supply to be switched on and off, and the meter and fittings to be serviced by the water distributor. They often contain a non-return valve to protect the water network.

- **Fully composite fitted support:** lightweight, corrosion-resistant, flexible and robust.
- Simplified and completely safe installation: **meter and fittings can be fitted and removed by sliding them into place.**
- Optimised metering station: compact, tool-free meter installation.

- **Enhanced anti-fraud system:** valve supplied with integrated seal, sealing holes on butterfly valve and nut, fittings cannot be removed without first removing the meter.
- **Logistical advantages:** compact rails and fittings, easy to store and transport.

U-CAN fixed rails

Multiple rail configurations are available. For all requests, please specify: the inlet type / outlet type / rail length / whether there is a check valve inside the rail or at the outlet. A selection of models is also presented on the following pages.



METERING RAILS 4000, 5000, 7000

Fixed stainless steel supports 4 mm thickness / Several types of rails for water meter and valves from **ND 15 to 40** and for all configurations / **Rail 4000 12**: ultra-short rail (L190) for water meter length 110 mm / **Rail 4000**: short rail (L250) / Rail 4000 H: high rail (L250 x H150) / **Rail 5000**: standardised long rail (L334) for water meter length 170 mm and with anti-pollution check valve inside / **Rail 7000**: short rail (L250) with a closed side / **Rail 4000 L275**: long rail (L275) for water meter length 110 mm and anti-pollution check valve inside / **Rail 5000 L404**: extra-long rail (L404) / Supplied in kit, ready to install

Standard model - Rail 4000: short rail (L250), nipple 4011 before water meter, sliding bush 5011 after water meter

ND	CLS ref.	Price in € excl. tax	ND	CLS ref.	Price in € excl. tax
15	4110 15AA		30	4110 30AA	
20	4110 20AA		40	4110 40AA	

Other model - Rail 5000: standardised long rail (L334) for water meter length 170 mm, nipple 4011 before water meter, sliding bush 5011 after water meter

ND	CLS ref.	Price in € excl. tax	ND	CLS ref.	Price in € excl. tax
15	5110 15AA		30	5110 30AA	
20	5110 20AA		40	5110 40AA	

Other model - Rail 4000H: high rail (L250 x H150), nipple 4011 before water meter, sliding bush 5011 after water meter

ND	CLS ref.	Price in € excl. tax	ND	CLS ref.	Price in € excl. tax
15	4110 15HAA		30	4110 30HAA	
20	4110 20HAA		40	4110 40HAA	

To specify your fitted rail:

- choose the type of rail (example: short ND15 type 4000, etc.)
- select your before water meter valve (example: straight lockable type 818Z page 138) and your check valve and/or after water meter valve (example: elbow check valve type 320 page 180)
- specify the types of inlet and outlet desired (example: inlet for direct connection to PE Ø25 and threaded outlet 26/34)

U-CAN fixed rails

MULTIPLE CONFIGURATIONS

Before water meter

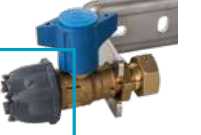
Type / Function	Before water meter type		Before water meter function		
Specificity	Straight	Elbow	Standard	Lockable Z	Tamper-proof K
					
CLS ref.	4812	4412	-	Z	K

After water meter

After water meter type	Valve	Drain option on after water meter (upstream or downstream)	Check valve	Valves - check valves
Specificity	Straight			
				
CLS ref.	5912	5912 P01 / 5912 P10	5310 PP	5011 + 912C
Specificity	Elbow			
				
CLS ref.	5512	5512 P01 / 5512 P10	5011 + 320 PP	5011 + 518C

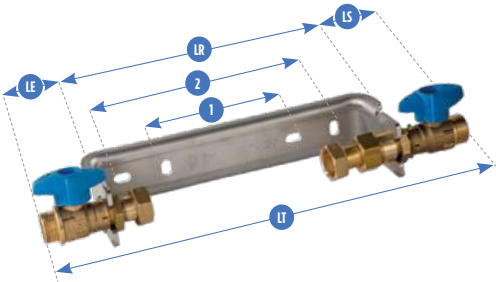
Inlet and outlet connections (to be specified when you place your order)

For water meter ND	15	20	30	40
Inlet/outlet threading	20/27 26/34	26/34 33/42	40/49 50/60	50/60
Or integrated connection	Ø20 - Ø25 - Ø32	Ø25 - Ø32	Ø40 - Ø50	Ø50
Nut tapping	20/27	26/34	40/49	50/60

Type	Valve inlet / outlet		
Specificity	Threaded	Integrated connection 28 U-CAN technology	Integrated connection 29 U-CAN technology
			
CLS ref.	4812	4818	4819



U-CAN fixed rails



Given the number of references available, water meter rail prices are available on request. Please specify the following when requesting prices: inlet type, outlet type, rail length and whether there is a check valve inside the rail or at the outlet.

DIMENSIONS

LT = LR (length of external rail) + **LE** (inlet length) + **LS** (outlet length)
dimensions in mm

LR	Length of external rail				
Rail type / ND	ultra-short rail 4000 12	short rail 4000	long rail 5000	long rail 4000 L275	extra-long rail 5000 L404
15	198	258	342	283	412
20	-	283	366	-	-
30	-	371	473	-	-
40	-	415	559	-	-
LE	Inlet length				
Inlet type / ND	4011	4812	4818	4412 / 4418	
15	17	53	76	46	
20	18	60	84	59	
30	21	81	108	70	
40	38	94	123	81	
LS	Outlet length				
Outlet type / ND	5011	5912	5512 / 5518	5310	5011 + 320
15	19	64	59	77	60
20	23	72	72	76	70
30	34	100	88	94	-
40	35	115	102	101	-

Between axes 1 and 2

Between axes	1	2	1	2	1	2	1	2
Rail type / ND	ultra-short rail 4000 12		short rail 4000		long rail 5000		long rail 4000 L275	
15	70	140	110	200	194	271	120	210
20	-	-	120	210	194	274	-	-
30	-	-	194	270	2x146.5	2x185	-	-
40	-	-	194	284	2x168	2x213	-	-

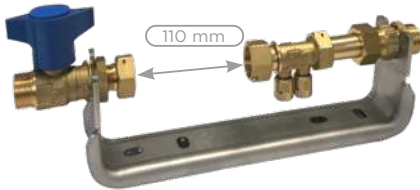


U-CAN fixed rails



DID YOU KNOW?

Sainte-Lizaigne offers O-Link technology to facilitate installations in the metering environment, particularly in tight spaces. It is suitable for all valves and provides a clever and secure connection to the meter: the seal is built-in and can be effortlessly tightened by hand. Do not hesitate to ask us about fitting this innovation to your boxes, manholes and rails.



TYPICAL ASSEMBLIES

ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Straight before water meter valve lockable Z 4818 Z	Ø25 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4813 15ZBB	
20	Straight check valve drain-drain 310 Sliding bush 5011	Ø32 - 26/34	external rail	4813 20ZBB	
30		Ø40 - 40/49	external rail	4813 30ZBB	
40		Ø50 - 50/60	external rail	4813 40ZBB	

- 4 mm thick stainless steel support, making it **very sturdy**.
- Limited forces applied to the meter, even with misaligned upstream and downstream pipes.
- Various types of rail are available (4000, 5000, 7000, etc.). **They are suitable for all environments, all assemblies, all configurations and all dimensions.**
- Supplied in kit format, ready to install, with valves.

ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Straight before water meter valve lockable Z 4812 Z	20/27 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4813 15ZAAPP58	
20	Straight check valve drain-drain 310 Sliding bush 5011	26/34 - 26/34	external rail	4813 20ZAAPP	
30		40/49 - 40/49	external rail	4813 30ZAAPP	
40		50/60 - 50/60	external rail	4813 40ZAAPP	

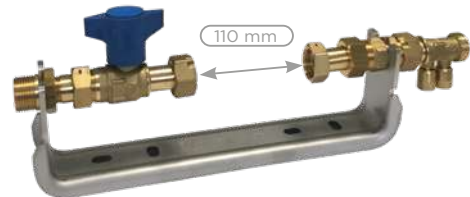
U-CAN fixed rails

TYPICAL ASSEMBLIES

ND	Assembly	CLS ref.	Price in € excl. tax
15	Rail 4000 L275 ND15	4819 15ZBB275PP	
	Straight before water meter valve lockable Z Ø25 4818 Z		
	Straight valve-check valve drain-drain 912C PP		
	Sliding bush 20/27 5011		

ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 5000	Ø25 - 20/27	internal rail	5883 15BBBB	
20	Straight before water meter valve lockable Z 4818 Z	Ø32 - 26/34	internal rail	5883 20BBBB	
30	Straight check valve cap-cap 310 BB	Ø40 - 40/49	internal rail	5883 30BBBB	
40	Straight right-angle after water meter valve, gliding 5912	Ø50 - 50/60	internal rail	5883 40BBBB	

ND	Assembly	CLS ref.	Price in € excl. tax
15	Rail 4000 L275 ND 15	4153 15AASZ275PP	
	Nipple 20/27 4011		
	Straight before water meter valve lockable Z 812 Z		
	Sliding bush 5011		
	Straight check valve drain-drain 20/27 310 L58PP		



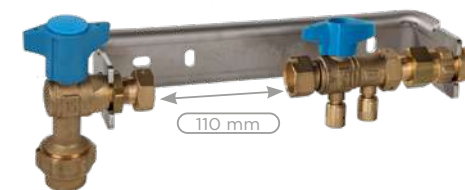
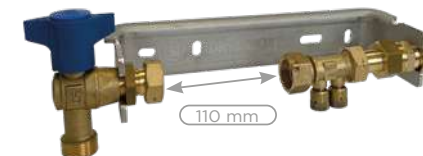
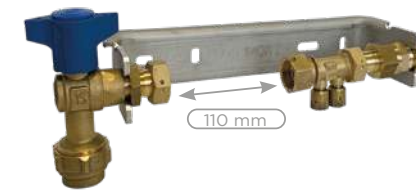
U-CAN fixed rails

TYPICAL ASSEMBLIES

ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000	Ø25 - 20/27	Water meter 110 mm: internal rail	4413 15ZBB58PP	
	Right-angle before water meter valve lockable Z 4418 Z		Water meter 170 mm: external rail		
	Straight check valve drain-drain 310		external rail		
	Sliding bush 5011		external rail		
20		Ø32 - 26/34	external rail	4413 20ZBBPP	
30		Ø40 - 40/49	external rail	4413 30ZBBPP	
40		Ø50 - 50/60	external rail	4413 40ZBBPP	

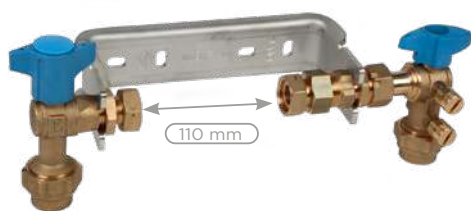
ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000	20/27 - 20/27	Water meter 110 mm: internal rail	4413 15ZAAPP58	
	Right-angle before water meter valve lockable Z 4412 Z		Water meter 170 mm: external rail		
	Straight check valve drain-drain 310		external rail		
	Sliding bush 5011		external rail		
20		26/34 - 26/34	external rail	4413 20ZAAPP	
30		40/49 - 40/49	external rail	4413 30ZAAPP	
40		50/60 - 50/60	external rail	4413 40ZAAPP	

ND	Assembly	CLS ref.	Price in € excl. tax
15	Rail 4000 L275 ND 15	4419 15ZBB275PP	
	Right-angle before water meter valve lockable Z Ø25 4418 Z		
	Straight valve-check valve drain-drain 912C PP		
	Sliding bush 20/27 5011		

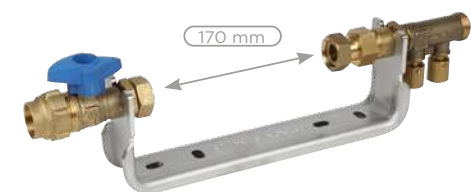


U-CAN fixed rails

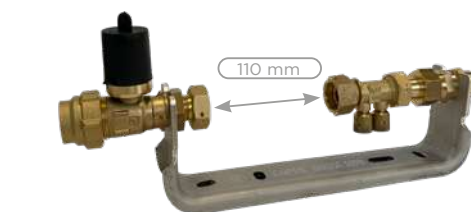
TYPICAL ASSEMBLIES



ND	Assembly	CLS ref.	Price in € excl. tax
15	Rail 4000 12 ND 15 Right-angle before water meter valve lockable Z Ø25 4418 Z Sliding bush 5011 Right-angle valve-check valve drain-drain Ø25 518C PP	4415 15ZBBPP	



ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000	Ø25 - 20/27	external rail	4830 15BBPP	
20	Straight before water meter valve 4818	Ø32 - 26/34	external rail	4830 20BBPP	
30	Straight sliding check valve drain-drain 5310 PP	Ø40 - 40/49	external rail	4830 30BBPP	
40		Ø50 - 50/60	external rail	4830 40BBPP	



ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Straight before water meter valve tamper-proof K 4818 K (ND 15 and 20)	Ø25 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4813 15KBB	
20	Straight check valve drain-drain 310	Ø32 - 26/34	external rail	4813 20KBB	
30	Sliding bush 5011	Ø40 - 40/49	external rail	4813 30BB*	
40		Ø50 - 50/60	external rail	4813 40BB*	

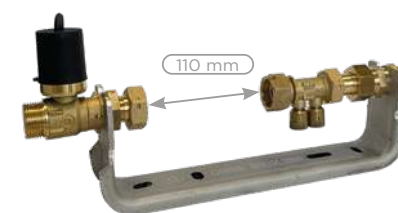
*ND 30 and 40: straight before water meter valve standard 4818

- 4 mm thick stainless steel support, making it **very sturdy**.
- Limited forces applied to the meter, even with misaligned upstream and downstream pipes.

- Various types of rail are available (4000, 5000, 7000, etc.). **They are suitable for all environments, all assemblies, all configurations and all dimensions.**
- Supplied in kit format, ready to install, with valves.

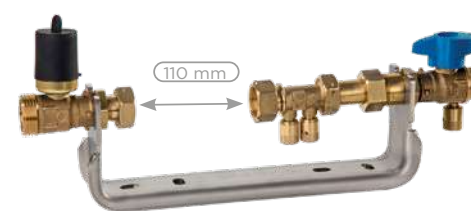
U-CAN fixed rails

TYPICAL ASSEMBLIES



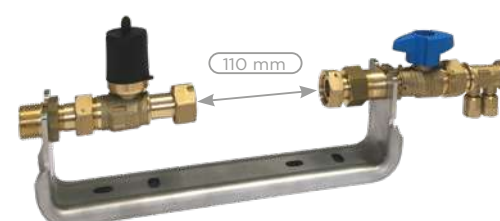
ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Straight before water meter valve tamper-proof K 4812 K (ND 15 and 20)	20/27 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4813 15KAAPP58	
20	Straight check valve drain-drain 310	26/34 - 26/34	external rail	4813 20KAAPP	
30	Sliding bush 5011	40/49 - 40/49	external rail	4813 30AAPP*	
40		50/60 - 50/60	external rail	4813 40AAPP*	

*ND 30 and 40: straight before water meter valve standard 4812



ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Straight before water meter valve tamper-proof K 4812 K	26/34 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4883 15KAB10PP58	
20	Straight check valve drain-drain 310	33/42 - 26/34	external rail	4883 20KAB10PP	
30	Straight after water meter valve, gliding, draining 5912 P10	40/49 - 40/49	external rail	4883 30AA10PP	
40		50/60 - 50/60	external rail	4883 40AA10PP	

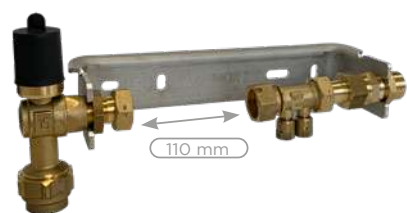
*ND 30 and 40: straight before water meter valve standard 4812



ND	Assembly	CLS ref.	Price in € excl. tax
15	Rail 4000 L275 ND 15 Nipple 20/27 4011 Straight before water meter valve tamper-proof K 812 K Straight after water meter valve gliding 5912 Straight check valve drain-drain 20/27 310 L58PP	3125 15KAA58PP 3125A 15KAA58PP (mounted version)	

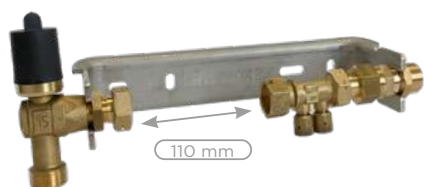
U-CAN fixed rails

TYPICAL ASSEMBLIES



ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Right-angle before water meter valve tamper-proof K 4418 K (ND 15 and 20)	Ø25 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4413 15KBBPP58	
20	Straight check valve drain-drain 310 Sliding bush 5011	Ø32 - 26/34	external rail	4413 20KBBPP	
30		Ø40 - 40/49	external rail	4413 30BBPP*	
40		Ø50 - 50/60	external rail	4413 40BBPP*	

*ND 30 and 40: right-angle before water meter valve standard 4418



ND	Assembly	Inlet - Outlet	Check valve position	CLS ref.	Price in € excl. tax
15	Rail 4000 Right-angle before water meter valve tamper-proof K 4412 (ND 15 and 20)	20/27 - 20/27	Water meter 110 mm: internal rail Water meter 170 mm: external rail	4413 15KAAPP58	
20	Straight check valve drain-drain 310 Sliding bush 5011	26/34 - 26/34	external rail	4413 20KAAPP	
30		40/49 - 40/49	external rail	4413 30AAPP*	
40		50/60 - 50/60	external rail	4413 40AAPP*	

*ND 30 and 40: right-angle before water meter valve standard 4412

PRIZDO fixed rails



SL260/DP/VCM - SL335/DP/VCM

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution valve-check valve with 2 drain caps, short model 58 mm with nuts / Adjustable fitting

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	350	25 x 3/4	Interior	SL260/DP/VCM/2520	
15	110	350	32 x 3/4		SL260/DP/VCM/3220	
15	170	420	25 x 3/4		SL335/DP/VCM/2520	
15	170	420	32 x 3/4		SL335/DP/VCM/3220	



SL260/EP/VCM - SL335/EP/VCM

Elbow valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution valve-check valve with 2 drain caps, short model 58 mm with nuts / Adjustable fitting

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	330	25 x 3/4	Interior	SL260/EP/VCM/2520	
15	110	330	32 x 3/4		SL260/EP/VCM/3220	
15	170	390	25 x 3/4		SL335/EP/VCM/2520	



SL260/DM/VCM - SL335/DM/VCM

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution valve-check valve with 2 drain caps, short model 58 mm with nuts / Adjustable fitting

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	330	3/4 x 3/4	Interior	SL260/DM/VCM/2020	
15	170	410	3/4 x 3/4		SL335/DM/VCM/2020	

PRIZDO fixed rails



SL260/EM/VCM - SL335/EM/VCM

Elbow valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution valve-check valve with 2 drain caps, short model 58 mm with nuts / Adjustable fitting

Meter						
DN	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	330	3/4 x 3/4	Interior	SL260/EM/VCM/2020	
15	170	390	3/4 x 3/4		SL335/EM/VCM/2020	



SC200/DP/AVCM

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution valve-check valve with 2 drain caps, L model 88 mm with nuts

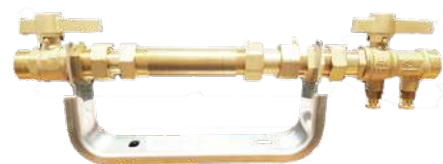
Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	380	25 x 3/4	Exterior	SC200/DP/AVCM/2520	
15	110	380	32 x 3/4		SC200/DP/AVCM/3220	



SC200/EP/AVCM

Elbow valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution valve-check valve with 2 drain caps, L model 88 mm with nuts

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	350	25 x 3/4	Exterior	SC200/EP/AVCM/2520	
15	110	350	32 x 3/4		SC200/EP/AVCM/3220	



SC200/DM/AVCM

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution valve-check valve with 2 drain caps, L model 88 mm with nuts

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	360	3/4 x 3/4	Exterior	SC200/DM/AVCM/2020	

PRIZDO fixed rails



SC200/EM/AVCM

Elbow valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution valve-check valve with 2 drain caps, L model 88 mm with nuts

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	330	3/4 x 3/4	Exterior	SC200/EM/AVCM/2020	



SC200/EP/AVCE

Elbow valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Anti-pollution valve-check valve with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	320	25 x 3/4	Exterior	SC200/EP/AVCE/2520	
15	110	320	32 x 3/4	Exterior	SC200/EP/AVCE/3220	



SC200/EM/AVCE

Elbow valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Right-angle anti-pollution valve-check valve with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	110	320	3/4 x 3/4	Exterior	SC200/EM/AVCE/2020	



SC260/EP/AVCE

Elbow valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Elbow anti-pollution valve-check valve with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	380	25 x 3/4	Exterior	SC260/EP/AVCE/2520	
15	170	380	32 x 3/4		SC260/EP/AVCE/3220	

PRIZDO fixed rails



SC260/EM/AVCE

Elbow valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Elbow anti-pollution valve-check valve with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	380	3/4 x 3/4	Exterior	SC260/EM/AVCE/2020	



SC260/MD/MDA

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution check valve NF L 58 mm with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	385	3/4 x 3/4	Exterior	SC260/MD/MDA/2020	



SC260/PD/MDA

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution check valve NF L 58 mm with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	410	25 x 3/4	Exterior	SC260/PD/MDA/2520	
15	170	420	32 x 3/4	Exterior	SC260/PD/MDA/3220	



SC260/ME/MDA

Right-angle valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution check valve NF L 58 mm with 2 drain caps

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	390	3/4 x 3/4	Exterior	SC260/ME/MDA/2020	

PRIZDO fixed rails



SC/TPE/MDA

Right-angle valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution check valve NF L 58 mm equipped with 2 drain valves

Meter						
ND	Lgth. (mm)	Overall length (mm)	Ø (")	Check valve position	ADG ref.	Price in € excl. tax
15	170	390	25 x 3/4	Exterior	SC260/TPE/MDA/2520	
15	170	390	32 x 3/4	Exterior	SC260/TPE/MDA/3220	



SC/M/M

Fixed brass fitting / Stainless steel meter support / Optional spacer tube / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	255	3/4 x 3/4	SC210/M/M/2020	
15	170	310	3/4 x 3/4	SC260/M/M/2020	
20	190	330	1 x 1	SC290/M/M/2626	
30	260	380	1"1/2 x 1"1/2	SC380/M/M/4040	
40	300	485	2 x 2	SC415/M/M/5050	



SC/DM/M

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	280	3/4 x 3/4	SC210/DM/M/2020	
15	170	280	3/4 x 3/4	SC260/DM/M/2020	
20	190	368	1 x 1	SC290/DM/M/2626	
30	260	508	1"1/2 x 1"1/2	SC380/DM/M/4040	
40	300	567	2 x 2	SC440/DM/M/5050	

TIP

By inserting the 58 mm long NF anti-pollution check valve inside the meter support, it is possible to replace the ND 15 mm, 170 mm long meter with a ND 15, 110 mm long meter.

PRIZDO fixed rails



SC/EM/M

Right-angle valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	285	3/4 x 3/4	SC210/EM/M/2020	
15	170	332	3/4 x 3/4	SC260/EM/M/2020	
20	190	367	1 x 1	SC290/EM/M/2626	

SC/DP/M

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	305	25 x 3/4	SC210/DP/M/2520	
15	110	310	32 x 3/4	SC210/DP/M/3220	
15	170	363	25 x 3/4	SC260/DP/M/2520	
15	170	369	32 x 3/4	SC260/DP/M/3220	
20	190	396	25 x 1	SC290/DP/M/2526	
20	190	400	32 x 1	SC290/DP/M/3226	
30	260	563	50 x 1"1/2	SC380-2/DP/M/5040	
40	300	625	50 x 2	SC440/DP/M/5050	

SC/EP/M

Right-angle valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	280	25 x 3/4	SC210/EP/M/2520	
15	110	280	32 x 3/4	SC210/EP/M/3220	
15	170	337	25 x 3/4	SC260/EP/M/2520	
15	170	337	32 x 3/4	SC260/EP/M/3220	
20	190	368	25 x 1	SC290/EP/M/2526	
20	190	368	32 x 1	SC290/EP/M/3226	

PRIZDO fixed rails



SC/DM/ADM

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Adjustable fitting / Straight anti-pollution check valve NF with 2 drain caps

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	367	3/4 x 3/4	SC210/DM/ADM/2020	
15	170	417	3/4 x 3/4	SC260/DM/ADM/2020	
20	190	455	1 x 1	SC290/DM/ADM/2626	
30	260	660	1"1/2 x 1"1/2	SC380/DM/ADM/4040	
40	300	700	2 x 2	SC440/DM/ADM/5050	

SC/EP/AEM

Right-angle valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Right-angle anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	320	25 x 3/4	SC210/EP/AEM/2520	
15	110	325	32 x 3/4	SC210/EP/AEM/3220	
15	170	375	25 x 3/4	SC260/EP/AEM/2520	
15	170	380	32 x 3/4	SC260/EP/AEM/3220	
20	190	413	25 x 1	SC290/EP/AEM/2526	
20	190	425	32 x 1	SC290/EP/AEM/3226	

SC/DP/ADM

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Straight anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	390	25 x 3/4	SC210/DP/ADM/2520	
15	110	396	32 x 3/4	SC210/DP/ADM/3220	
15	170	442	25 x 3/4	SC260/DP/ADM/2520	
15	170	448	32 x 3/4	SC260/DP/ADM/3220	
20	190	478	25 x 1	SC290/DP/ADM/2526	
20	190	480	32 x 1	SC290/DP/ADM/3226	
30	260	665	40 x 1"1/2	SC380/DP/ADM/4040	
30	260	661	50 x 1"1/2	SC380/DP/ADM/5040	
40	300	728	50 x 2	SC440/DP/ADM/5050	

PRIZDO fixed rails



SC/EM/AEM

Right-angle valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Adjustable fitting / Right-angle anti-pollution check valve NF with 2 drain caps

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	320	3/4 x 3/4	SC210/EM/AEM/2020	
15	170	375	3/4 x 3/4	SC260/EM/AEM/2020	
20	190	418	1 x 1	SC290/EM/AEM/2626	



SL/EM/CM

Right-angle valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	335	3/4 x 3/4	SL260/EM/CM/2020	
15	170	412	3/4 x 3/4	SL330/EM/CM/2020	
20	190	436	1 x 1	SL350/EM/CM/2626	



SCS/DM/DM

Straight telescopic valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps, long model with nuts

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	307	3/4 x 3/4	SC240S/DM/DM/2020	
15	170	367	3/4 x 3/4	SC300S/DM/DM/2020	



SCS/EM/DM

Right-angle telescopic valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps, long model with nuts

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	314	3/4 x 3/4	SC240S/EM/DM/2020	
15	170	374	3/4 x 3/4	SC300S/EM/DM/2020	

PRIZDO fixed rails



SL/EP/CM

Right-angle valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	332	25 x 3/4	SL260/EP/CM/2520	
15	110	337	32 x 3/4	SL260/EP/CM/3220	
15	170	420	25 x 3/4	SL330/EP/CM/2520	
15	170	420	32 x 3/4	SL330/EP/CM/3220	
20	190	434	25 x 1	SL350/EP/CM/2526	
20	190	437	32 x 1	SL350/EP/CM/3226	



SL/DM/CM

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	335	3/4 x 3/4	SL260/DM/CM/2020	
15	170	417	3/4 x 3/4	SL330/DM/CM/2020	
20	190	445	1 x 1	SL350/DM/CM/2626	
30	260	665	1"1/2 x 1"1/2	SL490/DM/CM/4040	
40	300	730	2 x 2	SL550/DM/CM/5050	



SCS/DP/DM

Straight telescopic valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps, long model with nuts

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	330	25 x 3/4	SC240S/DP/DM/2520	
15	110	340	32 x 3/4	SC240S/DP/DM/3220	
15	170	390	25 x 3/4	SC300S/DP/DM/2520	
15	170	400	32 x 3/4	SC300S/DP/DM/3220	

PRIZDO fixed rails



SL/DM/RDM

Straight valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Magnetic tamper-proof straight telescopic valve with nut for fixing to meter support, captive nut inlet, threaded outlet

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	360	3/4 x 3/4	SL255/DM/RDM/2020	
15	170	435	3/4 x 3/4	SL310/DM/RDM/2020	
20	190	480	1 x 1	SL340/DM/RDM/2626	
30	260	748	1"1/2 x 1"1/2	SL490/DM/RDM/4040	
40	300	781	2 x 2	SL550/DM/RDM/5050	



SL/DP/CM

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Adjustable fitting

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	365	25 x 3/4	SL260/DP/CM/2520	
15	110	370	32 x 3/4	SL260/DP/CM/3220	
15	170	445	25 x 3/4	SL330/DP/CM/2520	
15	170	445	32 x 3/4	SL330/DP/CM/3220	
20	190	467	25 x 1	SL350/DP/CM/2526	
20	190	470	32 x 1	SL350/DP/CM/3226	
30	260	665	50 x 1"1/2	SL440-2/DP/CM/5040	
40	300	755	50 x 2	SL550/DP/CM/5050	

PRIZDO fixed rails



SL/DP/RDM

Straight valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Magnetic tamper-proof straight telescopic valve with nut for fixing to meter support, captive nut inlet, threaded outlet

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	384	25 x 3/4	SL255/DP/RDM/2520	
15	110	393	32 x 3/4	SL255/DP/RDM/3220	
15	170	470	25 x 3/4	SL310/DP/RDM/2520	
15	170	470	32 x 3/4	SL310/DP/RDM/3220	
20	190	504	25 x 1	SL340/DP/RDM/2526	
20	190	511	32 x 1	SL340/DP/RDM/3226	



SL/EP/RDM

Right-angle valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Magnetic tamper-proof straight telescopic valve with nut for fixing to meter support, captive nut inlet, threaded outlet

Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	362	25 x 3/4	SL255/EP/RDM/2520	
15	110	362	32 x 3/4	SL255/EP/RDM/3220	
15	170	443	25 x 3/4	SL310/EP/RDM/2520	
15	170	443	32 x 3/4	SL310/EP/RDM/3220	
20	190	478	25 x 1	SL340/EP/RDM/2526	
20	190	478	32 x 1	SL340/EP/RDM/3226	

PRIZDO fixed rails

SL/EM/RDM

Right-angle valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps / Magnetic tamper-proof straight telescopic valve with nut for fixing to meter support, captive nut inlet, threaded outlet



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	337	3/4 x 3/4	SL255/EM/RDM/2020	
15	170	442	3/4 x 3/4	SL310/EM/RDM/2020	
20	190	477	1 x 1	SL340/EM/RDM/2626	

SC/EMT/ADM

Right-angle telescopic valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Fixed brass fitting / Straight anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	325	3/4 x 3/4	SC210/EMT/ADM/2020	
15	170	385	3/4 x 3/4	SC260/EMT/ADM/2020	
20	190	440	1 x 1	SC290/EMT/ADM/2626	

SC/DMT/ADM

Straight telescopic valve with lockable handle and nut for fixing to meter support, threaded inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Fixed brass fitting / Straight anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	340	3/4 x 3/4	SC210/DMT/ADM/2020	
15	170	400	3/4 x 3/4	SC260/DMT/ADM/2020	
20	190	455	1 x 1	SC290/DMT/ADM/2626	
30	260	580	1"1/2 x 1"1/2	SC380/DMT/ADM/4040	
40	300	645	2 x 2	SC415/DMT/ADM/5050	

PRIZDO fixed rails

SCS/EP/DM

Right-angle telescopic valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Straight anti-pollution check valve NF with 2 drain caps, long model with nuts



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	314	25 x 3/4	SC240S/EP/DM/2520	
15	170	374	25 x 3/4	SC300S/EP/DM/2520	

SC/DPT/ADM

Straight telescopic valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Fixed brass fitting / Straight anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	355	25 x 3/4	SC210/DPT/ADM/2520	
15	110	360	32 x 3/4	SC210/DPT/ADM/3220	
15	170	410	25 x 3/4	SC260/DPT/ADM/2520	
15	170	415	32 x 3/4	SC260/DPT/ADM/3220	
20	190	475	32 x 1	SC290/DPT/ADM/3226	
30	260	628	40 x 1"1/2	SC380/DPT/ADM/4040	
30	260	633	50 x 1"1/2	SC380/DPT/ADM/5040	
40	300	690	50 x 2	SC415/DPT/ADM/5050	

SC/EPT/ADM

Right-angle telescopic valve with lockable handle and nut for fixing to meter support, PE/PVC inlet, captive nut outlet / Stainless steel meter support / Optional spacer tube / Fixed brass fitting / Straight anti-pollution check valve NF with 2 drain caps



Meter					
ND	Length (mm)	Overall length (mm)	Ø (")	ADG ref.	Price in € excl. tax
15	110	330	3/4 x 3/4	SC210/EPT/ADM/2520	
15	170	385	3/4 x 3/4	SC260/EPT/ADM/2520	
20	190	440	1 x 1	SC290/EPT/ADM/3226	

MODULA adjustable rails

MODULA METERING RAIL

Adjustable support for water meter and valves ND 15 or 20

Standard model - MODULA rail, nipple 4011 in before water meter, sliding bush 5011-5011 EP in after water meter, bypass / Supplied assembled, ready to install



ND	CLS ref.	Price in € excl. tax
15	MOD 15 013	
20	-	

MULTIPLE CONFIGURATIONS

Before water meter

Type / Function	Before water meter type		Before water meter function		
Specificity	Straight	Elbow	Standard	Lockable Z	Tamper-proof K
					
CLS ref.	4812	4412	-	Z	K

After water meter

After water meter type	Valve	Drain option on after water meter (upstream or downstream)	Check valve	Valves - check valves
Specificity				
CLS ref.	5912	5912 P01 / 5912 P10	310 PP + 5011 EP	912C + 5011 EP
Specificity				
CLS ref.	5512	5512 P01 / 5512 P10	5011 EP + 320 PP	5011 EP + 518C

To specify your fitted rail:

- choose the type of rail (example: adjustable ND 15)
- select your before water meter valve (example: straight lockable type 818Z page 126) and your check valve and/or after water meter valve (example: elbow check valve type 320 page 168)
- specify the types of inlet and outlet desired (example: inlet for direct connection to PE Ø25 and threaded outlet 26/34)

MODULA adjustable rails

Inlet and outlet connections

(to be specified when you place your order)

For water meter ND	15	20
Inlet/outlet threading	20/27 26/34	26/34 33/42
Or integrated connection	Ø20 - Ø25 - Ø32	Ø25 - Ø32
Nut tapping	20/27	26/34

Type	Valve inlet / outlet		
Specificity	Threaded	Integrated connection 28 U-CAN technology	Integrated connection 29 U-CAN technology
			
CLS ref.	4812	4818	4819

Multiple rail configurations are available. For all requests, please specify the products requested, stating their position (inside or outside the rail): to be fitted upstream / before water meter valve / after water meter valve / to be fitted downstream.

A selection of models is also presented on the following pages.



222 RAIL KIT
The fixing screw kit is available as an option.

Adjust...



Clip...!



- **Adjustable support** that adapts to all configurations in ND 15 and 20.
- Comprises a **customised before and after**

- water meter valve, defined according to your requirements.**
- Rail supplied assembled, ready to install.

MODULA adjustable rails



TYPICAL ASSEMBLIES

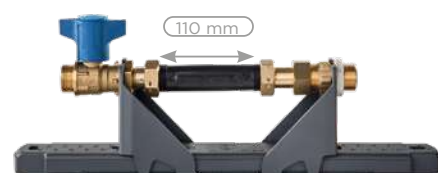
ND	Description	CLS ref.	Price in € excl. tax
15	MODULA single metering rail	MODULA 1520 001	



ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	Ø25 - 20/27	MOD 15 001	
20	Straight before water meter valve lockable	Ø25 - 26/34		
20	Straight check valve	Ø32 - 26/34		
20	Sliding bush	Ø32 - 26/34		



ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	26/34 - 20/27	MOD 15 029	
20	Straight before water meter valve lockable	26/34 - 20/27		
20	Straight check valve	33/42 - 26/34		
20	Sliding bush	33/42 - 26/34		



ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	20/27 - 20/27	MOD 15 004	
20	Straight before water meter valve lockable	20/27 - 20/27		
20	Sliding bush	26/34 - 26/34		



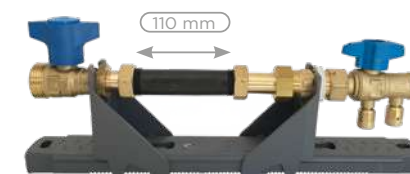
ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	Ø25 - 20/27	MOD 15 002	
15	Straight before water meter valve lockable	Ø25 - 20/27		
15	Straight valve-check valve	Ø32 - 20/27	MOD 15 006	
15	Sliding bush	Ø32 - 20/27		

MODULA adjustable rails

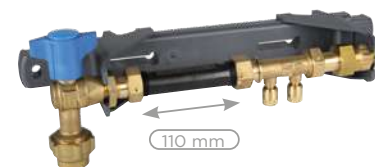


TYPICAL ASSEMBLIES

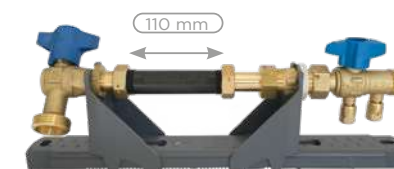
ND	Description	CLS ref.	Price in € excl. tax
15	MODULA rail kit for water meter 15-110/170	MOD 15 007	
15	Straight before water meter valve lockable inlet male G3/4" (20x27)		
15	Straight valve-check valve		
15	Sliding bush outlet male G3/4" (20x27)		



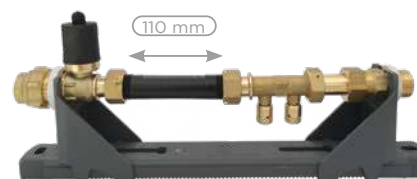
ND	Description	CLS ref.	Price in € excl. tax
15	MODULA rail kit for water meter 15-110/170	MOD 15 010	
15	Straight before water meter valve lockable inlet male G1" (26x34)		
15	Sliding bush		
15	Straight valve-check valve outlet male G3/4" (20x27)		



ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	Ø25 - 20/27	MOD 15 005	
15	Right-angle before meter valve lockable	Ø25 - 20/27		
20	Straight check valve	Ø32 - 26/34		
20	Sliding bush	Ø32 - 26/34		



ND	Description	CLS ref.	Price in € excl. tax
15	MODULA rail kit for water meter 15-110/170	MOD 15 011	
15	Right-angle before water meter valve lockable inlet male G1" (26x34)		
15	Sliding bush		
15	Straight valve-check valve outlet male G3/4" (20x27)		



ND	Description	Inlet - Outlet	CLS ref.	Price in € excl. tax
15	MODULA rail kit	Ø25 - 20/27	MOD 15 001K	
20	Straight before water meter valve tamper-proof	Ø25 - 26/34	MOD 20 002K	
20	Straight check valve	Ø32 - 26/34	MOD 20 001K	
20	Sliding bush	Ø32 - 26/34		

Manifolds

METER MANIFOLDS

Customised from Ø25 to Ø63 mm / PP / Can be used on cold or hot water / Standard manifold with 2 captive nut outlets 20/27, additional outlets to be added / The following references are given for 2 outlets / Please contact us if you require more outlets

Straight inlet	Straight HYD ref.	Price in € excl. tax	Straight inlet	Forked HYD ref.	Price in € excl. tax
25	C 1204 01201		25	C 1208 01201	
32	C 1205 01201		32	C 1209 01201	
40	C 1206 01201		40	C 1210 01201	
50	C 1207 01201		50	C 1211 01201	

Male inlet	Straight HYD ref.	Price in € excl. tax	Male inlet	Forked HYD ref.	Price in € excl. tax
20/27	C 1204 21201		20/27	C 1208 21201	
26/34	C 1205 22201		26/34	C 1209 22201	
33/42	C 1206 23201		33/42	C 1210 23201	
40/49	C 1207 24202		40/49	C 1211 24201	

Female inlet	Straight HYD ref.	Price in € excl. tax	Female inlet	Forked HYD ref.	Price in € excl. tax
20/27	C 1204 11201		20/27	C 1208 11201	
26/34	C 1205 12201		26/34	C 1209 12201	
33/42	C 1206 13201		33/42	C 1210 11201	
40/49	C 1207 14201		40/49	C 1211 11201	

PE models to be released in 2026.



- **Made in our workshops.**
- Provide faster response times on construction sites.
- Integral, high-quality unit for installing valves

and avoiding untimely dismantling.

- Ready-to-install, fitted manifold systems are also available on request complete with metering support and fittings.



Straight manifold



Forked manifold

The manifold can group together several customer metering systems on a single column designed for installation in collective housing for ease of installation.

Various shapes are available suitable for the space available: straight, forked, H-shaped or elbow type. Complete manifold installations fitted with metering supports and their valves are also available.

Manifolds



H-shaped manifold



Elbow manifold

Straight inlet	H-shaped HYD ref.	Price in € excl. tax	Straight inlet	Elbow HYD ref.	Price in € excl. tax
25	C 1216 01201		25	C 1212 01201	
32	C 1217 01201		32	C 1213 01201	
40	C 1218 01201		40	C 1214 01201	
50	C 1219 01201		50	C 1215 01201	

Male inlet	H-shaped HYD ref.	Price in € excl. tax	Male inlet	Elbow HYD ref.	Price in € excl. tax
20/27	C 1216 21201		20/27	C1212 21201	
26/34	C 1217 22201		26/34	C 1213 22201	
33/42	C 1218 23201		33/42	-	
40/49	C 1219 14201		40/49	-	

Female inlet	H-shaped HYD ref.	Price in € excl. tax	Female inlet	Elbow HYD ref.	Price in € excl. tax
20/27	C 1216 11201		20/27	C1212 11201	
26/34	C 1217 12202		26/34	-	
33/42	C 1218 13201		33/42	-	
40/49	C 1219 14201		40/49	-	

For manifolds with more than 2 outlets, please contact us for your reference.

CONSERVING RESOURCES

Multiple connections are required to group together metering systems in collective housing. The manifold reduces the number of seals and therefore the risk of leaks.



Manifolds fitted for multiple metering equipment

U-CAN water meter fittings

Water meter valves

Before and after meter valves

Check valves

Valves - check valves



2



1 Complete range of valves for all uses

- Various models available (straight, elbowed, telescopic, short, etc.) from ND 15 to 40
- Integrated PE/PVC inlet (U-can technology) or gas-threaded inlet compatible with the complete range of Sainte-Lizaigne valves and fittings and all gas-threaded products
- Water meter connection with captive nut or O-LINK rapid nut

2 Management of the customer network depending on requirements

- Various types of before meter handle (standard, lockable, tamper-proof)

3 Network protected against back-flow

- Anti-pollution valves with the NF mark

4 Multi-purpose products

- Valves-check valves guaranteeing the anti-pollution function and after meter handle for the customer in the space of a standard check valve

VARIED RANGE FOR ALL USES

Various models of valves, check valves: shapes, sizes, connections, etc. to adjust to all configurations in the field

FAST RESPONSE ON CONSTRUCTION SITES

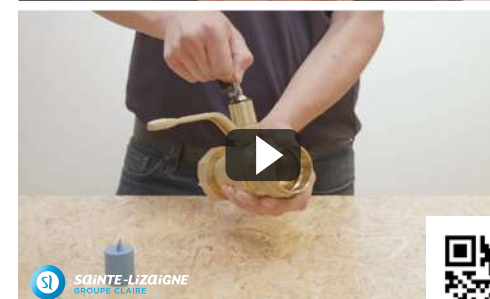
U-CAN technology modularity

EASIER MANAGEMENT OF DELIVERY POINTS

Before meter functions standard, lockable or tamper-proof

SIMPLIFIED INSTALLATION

Rapid and secure connection to the water meter with O-LINK technology (see p.134)



Check out the **installation tutorial** on our channel



U-CAN water meter valves - straight, PE inlet

818 Z 818 SZ

Straight valve / Brass / Lockable Z handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)



In situ



Lock + Key + Protector
See p.144



ND 30 and 40 model

	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818 15Z	
	15	25	20/27	67	1	818 15GZ	
	15	32	20/27	67	1	818 15HZ	
	20	25	26/34	67	1	818 20Z	
	20	32	26/34	67	1	818 20GZ	
	25	32	33/42	82	1	818 25Z	
	30	40	40/49	104	1	818 30Z	
	30	50	40/49	104	1	818 30GZ	
	40	50	50/60	119	1	818 40Z	
SPDE version	15	20	20/27	80	1	818 15SZ	
	15	25	20/27	80	1	818 15GSZ	
	15	32	20/27	-	-	-	
	20	25	26/34	80	1	818 20SZ	
	20	32	26/34	80	1	818 20GSZ	
	25	32	33/42	-	-	-	
	30	40	40/49	110	1	818 30SZ	
	30	50	40/49	110	1	818 30GSZ	
	40	50	50/60	139	1	818 40SZ	

Please contact us for "limited flow" option on our Lockable Z before water meter valves.
Available with integrated fitting 29: ref. 819 Z

- Makes it **easy to manage and control the delivery point**.
- Handle that opens/closes the water can be locked in the desired position without the need for tools or modifications.

- It is locked with the 707 lock and key system.
- Protector available to protect the installed lock from dirt.



The water meter valves manage the opening and closure of water in a water meter environment. They are installed before the meter for the operator and after the meter for customer access. Various models are available to be adapted to all of the field configurations (straight, elbowed, telescopic, short, etc.) from ND 15 to 40.

U-CAN water meter valves - straight, PE inlet

818 K 818 SK

Straight valve / Brass / Tamper-proof K handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)



In situ



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818 15K	
	15	25	20/27	67	1	818 15GK	
	15	32	20/27	67	1	818 15HK	
	20	25	26/34	67	1	818 20K	
	20	32	26/34	67	1	818 20GK	
	25	32	33/42	82	1	818 25K	
SPDE version	15	20	20/27	80	1	818 15SK	
	15	25	20/27	80	1	818 15GSK	
	15	32	20/27	-	-	-	
	20	25	26/34	80	1	818 20SK	
	20	32	26/34	80	1	818 20GSK	
	25	32	33/42	-	-	-	

Available with integrated fitting 29: ref. 819 K



Knob + Lock + Key
See p.145

- Makes it possible to **manage and control the delivery point in complete safety**.
- Water opened/closed using the dedicated butterfly knob 706 that is inserted into the tamper-proof system.

- Once the position has been selected, the valve is locked with the 706 lock and key system.
- Supplied with a protective cap.



DID YOU KNOW?

The valves are available in two versions: our standard version and the standardised version (SPDE) created by the French professional association of water companies.

U-CAN water meter valves - straight, PE inlet

818 818 S

Straight valve / Brass / Standard handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818 15	
	15	25	20/27	67	8	818 15G	
	15	32	20/27	67	1	818 15H	
	20	25	26/34	67	1	818 20	
	20	32	26/34	67	1	818 20G	
	25	32	33/42	82	1	818 25	
	30	40	40/49	104	1	818 30	
	30	50	40/49	104	1	818 30G	
	40	50	50/60	119	1	818 40	
SPDE version	15	20	20/27	80	1	818 15S	
	15	25	20/27	80	1	818 15GS	
	15	32	20/27	-	-	-	
	20	25	26/34	80	1	818 20S	
	20	32	26/34	80	1	818 20GS	
	25	32	33/42	-	-	-	
	30	40	40/49	110	1	818 30S	
	30	50	40/49	110	1	818 30GS	
	40	50	50/60	139	1	818 40S	

Available with integrated fitting 29: ref. 819

818 T

Straight valve / Brass / Telescopic, not removable / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)

DN	Ext. pipe ø	Nut	Pack of	CLS ref.	Price in € excl. tax
15	20	20/27	1	818 15T	
15	25	20/27	1	818 15GT	
20	25	26/34	1	818 20T	
20	32	26/34	1	818 20GT	

Available with integrated fitting 29: ref. 819 T

- Telescopic section: excellent flexibility in maintenance operations.



DID YOU KNOW?
U-CAN water meter valves have an integrated outlet for direct connection to PE/PVC pipes (U-CAN technology). This outlet also releases gas threading, which is compatible with all ranges of U-CAN valves and fittings and with all gas-threaded products, offering a high degree of modularity and responsiveness on construction sites.

U-CAN water meter valves - straight, threaded inlet

812 Z 812 SZ

Straight valve / Brass / Lockable Z handle / Gas threaded inlet / Compatible U-CAN fitting



In situ



Lock + Key + Protector
See p.144



ND 30 and 40 model

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	15/21	20/27	67	1	812 15RZ	
	15*	20/27	20/27	67	1	812 15Z	
	15	26/34	20/27	67	1	812 15GZ	
	20	26/34	26/34	67	1	812 20Z	
	20	33/42	26/34	67	1	812 20GZ	
	25	33/42	33/42	82	1	812 25Z	
	30	40/49	40/49	104	1	812 30Z	
	30	50/60	40/49	104	1	812 30GZ	
	40	50/60	50/60	119	1	812 40Z	
SPDE version	15*	15/21	20/27	86	1	812 15RSZ	
	15*	20/27	20/27	80	-	812 15SZ	
	15	26/34	20/27	80	1	812 15GSZ	
	20	26/34	26/34	80	1	812 20SZ	
	20	33/42	26/34	80	-	812 20GSZ	
	25	33/42	33/42	-	-	-	
	30	40/49	40/49	110	1	812 30SZ	
	30	50/60	40/49	110	1	812 30GSZ	
	40	50/60	50/60	139	1	812 40SZ	

Please contact us for "limited flow" option on our Lockable Z before water meter valves
* Reference not compatible with U-CAN integrated fitting

- Makes it **easy to manage and control the delivery point**.
- Handle that opens/closes the water can be locked in the desired position without the need for tools or modifications.

- It is locked with the 707 lock and key system.
- Protector available to protect the installed lock from dirt.

812 L58 Z

Straight valve / Brass / Lockable Z handle / Gas threaded inlet

ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	58	1	812 15L58Z	

- Suitable for ND 15 water meter replacement operations.
- When replacing a 170 mm meter, allows

a new meter (110 mm) and a valve to be fitted in the same space.



U-CAN water meter valves - straight, threaded inlet

812 K 812 SK

Straight valve / Brass / Tamper-proof K handle / Gas threaded inlet / Compatible U-CAN fitting



In situ



Knob + Lock + Key
See p.145

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	15/21	20/27	67	1	812 15RK	
	15*	20/27	20/27	67	1	812 15K	
	15	26/34	20/27	67	1	812 15GK	
	20	26/34	26/34	67	1	812 20K	
	20	33/42	26/34	67	1	812 20GK	
	25	33/42	33/42	82	1	812 25K	
SPDE version	15*	15/21	20/27	-	-	-	
	15*	20/27	20/27	80	1	812 15SK	
	15	26/34	20/27	80	1	812 15GSK	
	20	26/34	26/34	80	1	812 20SK	
	20	33/42	26/34	80	1	812 20GSK	
	25	33/42	33/42	-	-	-	

* Reference not compatible with U-CAN integrated fitting

- Makes it possible to **manage and control the delivery point in complete safety**.
- Water opened/closed using the dedicated butterfly knob 706 that is inserted into the tamper-proof system.

- Once the position has been selected, the valve is locked with the 706 lock and key system.
- Supplied with a protective cap.

812 L58 K

Straight valve / Brass / Tamper-proof K handle / Gas threaded inlet



ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	58	1	812 15L58K	

U-CAN water meter valves - straight, threaded inlet

812 812 S

Straight valve / Brass / Standard handle / Gas threaded inlet / Compatible U-CAN fitting



	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	15/21	20/27	67	1	812 15R	
	15*	20/27	20/27	67	12	812 15	
	15	26/34	20/27	67	12	812 15G	
	20	26/34	26/34	67	1	812 20	
	20	33/42	26/34	67	1	812 20G	
	25	33/42	33/42	82	1	812 25	
	30	40/49	40/49	104	1	812 30	
	30	50/60	40/49	104	1	812 30G	
	40	50/60	50/60	119	1	812 40	
SPDE version	15*	15/21	20/27	86	1	812 15RS	
	15*	20/27	20/27	80	1	812 15S	
	15	26/34	20/27	80	1	812 15GS	
	20	26/34	26/34	80	1	812 20S	
	20	33/42	26/34	80	1	812 20GS	
	25	33/42	33/42	-	-	-	
	30	40/49	40/49	110	1	812 30S	
	30	50/60	40/49	110	1	812 30GS	
	40	50/60	50/60	139	1	812 40S	

* Reference not compatible with U-CAN integrated fitting

812 L58

Straight valve / Brass / Standard handle / Gas threaded inlet



ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	58	1	812 15L58	

812 T

Straight valve / Brass / Telescopic, not removable / Gas threaded inlet / Compatible U-CAN fitting



ND	Inlet	Nut	Length min	Length max	Pack of	CLS ref.	Price in € excl. tax
15*	20/27	20/27	103	126	1	812 15T	
15	26/34	20/27	106	130	1	812 15GT	
20	26/34	26/34	110	133	1	812 20T	
20	33/42	26/34	110	133	1	812 20GT	

* Reference not compatible with U-CAN integrated fitting

U-CAN water meter valves - straight, threaded inlet



882

Straight valve / Brass / Long series / Gas threaded inlet / Compatible U-CAN fitting

ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15*	20/27	20/27	77	1	882 15	
15	26/34	20/27	84	1	882 15G	
20	26/34	26/34	89	1	882 20	
20	33/42	26/34	100	1	882 20G	
25	33/42	33/42	104	1	882 25	
30	40/49	40/49	124	1	882 30	
30	50/60	40/49	124	1	882 30G	
40	50/60	50/60	154	1	882 40	

* Reference not compatible with U-CAN integrated fitting

DID YOU KNOW?

Sainte-Lizaigne is highly responsive in terms of design and industrial facilities. Do not hesitate to contact us for a specific configuration in the metering environment. Other references not listed in the catalogue can be developed.



CONSERVING RESOURCES

The water metering environment is subject to regular interventions by operators and customers. Choosing high-quality equipment that is easy to use contributes to the service life of the installations.

813

Straight valve / Brass / Standard handle / Gas threaded inlet / Expanded gasket surface on request

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	67	1	813 15	
	15	26/34	20/27	67	1	813 15G	
	20	26/34	26/34	67	1	813 20	
	20	33/42	26/34	67	1	813 20G	
	25	33/42	33/42	82	1	813 25	
	30	40/49	40/49	104	1	813 30	
	30	50/60	40/49	104	1	813 30G	
	40	50/60	50/60	119	1	813 40	
SPDE version	15	20/27	20/27	80	1	813 15S	
	15	26/34	20/27	80	1	813 15GS	
	20	26/34	26/34	80	1	813 20S	
	20	33/42	26/34	80	1	813 20GS	
	25	33/42	33/42	-	-	-	
	30	40/49	40/49	110	1	813 30S	
	30	50/60	40/49	110	1	813 30GS	
	40	50/60	50/60	139	1	813 40S	

• Very wide gasket surface, making it **highly resistant to potential impacts**.

• Enables the valve to **seal with a wide variety of seals**.

U-CAN water meter valves - straight, threaded inlet



812DL

Straight valve / Brass / 3 positions / Lockable Z handle / Gas threaded inlet

ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	67	12	812DL 15	



DID YOU KNOW?

An inset can be installed in the meter pipe to limit the flow to the customer. This temporary solution requires the water supply to be cut off during installation and removal. It is advisable to opt for dedicated equipment: a 3-position valve that incorporates the function on installation.



MOD 812DL

Straight valve / Brass / 3-position / Lockable Z handle / Threaded gas inlet with jam nut to assemble on MODULA water meter support

ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	67	1	MOD 812DL 15	

• **3 positions to manage the flow of water** into the customer's network (open, closed, limited flow) very easily.
 • To obtain the limited flow position, simply remove the cap and turn the butterfly knob in the direction of the arrow up to the stop.

• Lockable system at several levels possible. In the limited flow position, the cap in the butterfly knob prevents rotation. A seal on the cap completes the locking mechanism.
 • All the positions are also lockable with the Sainte-Lizaigne 707 lock.

O-Link technology

Valves with integrated sealing

Before and after meter valve, check valve, extension
Brass or composite body, composite connection nut, integrated gasket



SAiNTE-LiZaiGNE
GROUPE CLAIRE



1 Reliable and simplified connection

- Captive seal integrated within the valves
- Instant sealing on contact with the meter seal surface
- Sealing proven on all commercially available meters (brass and composite)

2 Faster installation

Effortless tightening by hand

3 Unique, scalable technology

All products before and after the meter can benefit from the technology to facilitate installations in metering environments

CLEVER AND SECURE CONNECTION OF THE WATER METER

integrated product seal

QUICK TO PUT INTO SERVICE

Fewer parts and operations

EASIER TO INSTALL IN TIGHT SPACES

Manual assembly without tools
Ideal for installing a meter in boxes, fitted manholes and cellars



U-CAN water meter valves - straight, O-LINK nut

818EPJ Z 818EPJ SZ

Straight valve / Brass / Lockable Z handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Nut with integrated O-link technology seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818EPJ 15Z	
	15	25	20/27	67	1	818EPJ 15GZ	
SPDE version	15	20	20/27	80	1	818EPJ 15SZ	
	15	25	20/27	80	1	818EPJ 15GSZ	

Available with integrated fitting 29: ref. 819 EPJ Z

818EPJ K 818EPJ SK

Straight valve / Brass / Tamper-proof K handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Nut with integrated O-link technology seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818EPJ 15K	
	15	25	20/27	67	1	818EPJ 15GK	
SPDE version	15	20	20/27	80	1	818EPJ 15SK	
	15	25	20/27	80	1	818EPJ 15GSK	

Available with integrated fitting 29: ref. 819 EPJ K

818EPJ 818EPJ S

Straight valve / Brass / Standard handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) Nut with integrated O-link technology seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	67	1	818EPJ 15	
	15	25	20/27	67	1	818EPJ 15G	
SPDE version	15	20	20/27	80	1	818EPJ 15S	
	15	25	20/27	80	1	818EPJ 15GS	

Available with integrated fitting 29: ref. 819 EPJ

- Integrated O-Link seal for a **quick and safe connection to the water meter**.
- The captive seal, already incorporated in the valve, **seals instantly** on coming into contact with the meter sealing surface.

- **Effortless tightening by hand.**
- Easy to install, particularly appreciated for installations in tight spaces (boxes, manholes, cellars, etc.).

U-CAN water meter valves - straight, O-LINK nut

812EPJ Z 812EPJ SZ

Straight valve / Brass / Lockable Z handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with integrated O-Link seal



Lock + Key + Protector
See p.144

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	20/27	20/27	67	1	812EPJ 15Z	
	15	26/34	20/27	67	1	812EPJ 15GZ	
SPDE version	15*	20/27	20/27	80	1	812EPJ 15SZ	
	15	26/34	20/27	80	1	812EPJ 15GSZ	

* Reference not compatible with U-CAN integrated fitting

812EPJ K 812EPJ SK

Straight valve / Brass / Tamper-proof K handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with integrated O-Link seal



Knob + Lock + Key
See p.145

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	20/27	20/27	67	1	812EPJ 15K	
	15	26/34	20/27	67	1	812EPJ 15GK	
SPDE version	15*	20/27	20/27	80	1	812EPJ 15SK	
	15	26/34	20/27	80	1	812EPJ 15GSK	

* Reference not compatible with U-CAN integrated fitting

812EPJ 812EPJ S

Straight valve / Brass / Standard handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with integrated O-link technology seal



	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15*	20/27	20/27	67	1	812EPJ 15	
	15	26/34	20/27	67	1	812EPJ 15G	
SPDE version	15*	20/27	20/27	80	1	812EPJ 15S	
	15	26/34	20/27	80	1	812EPJ 15GS	

* Reference not compatible with U-CAN integrated fitting

U-CAN CLIP water meter valves - straight, O-LINK nut

NEW



819PEPJ 819PEPJ S

Straight valve / Composite / Lockable Z handle / Integrated fitting 29 U-CAN technology (PE/PVC/Gas threading) / Nut with integrated O-Link seal / Supplied with integrated seal

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	25	20/27	67	1	819PEPJ 15GZ	
SPDE version	15	25	20/27	80	1	819PEPJ 15GSZ	

- All-composite valve.
- **Ready to be installed on the U-CAN CLIP rail** by sliding it into place.

- **Integrated O-Link seal** for a quick and safe connection to the water meter: tightened by hand.

NEW



812PEPJ 812PEPJ S

Straight valve / Composite / Lockable Z handle / Gas threaded inlet / Nut with integrated O-Link seal / Supplied with integrated seal

	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	67	-	812PEPJ 15Z	
	15	26/34	20/27	67	-	812PEPJ 15GZ	
SPDE version	15	20/27	20/27	80	-	812PEPJ 15SZ	
	15	26/34	20/27	80	-	812PEPJ 15GSZ	

U-CAN water meter valves - elbow, PE inlet



Lock + Key + Protector
See p.144



ND 30 and 40 model

418 Z 418 SZ

Elbow valve / Brass / Lockable Z handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)

	ND	Ext. pipe ø	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418 15Z	
	15	25	20/27	50 x 45	1	418 15GZ	
	20	25	26/34	50 x 57	1	418 20Z	
	20	32	26/34	50 x 57	1	418 20GZ	
	20	32	20/27	50 x 57	1	418 20GRZ*	
	25	32	33/42	50 x 62	1	418 25Z	
	30	40	40/49	75 x 65	1	418 30Z	
	30	50	40/49	75 x 65	1	418 30GZ	
	40	50	50/60	75 x 70	1	418 40Z	

	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
SPDE version	15	20	20/27	50 x 57	1	418 15SZ	
	15	25	20/27	50 x 57	1	418 15GSZ	
	20	25	26/34	50 x 57	-	418 20SZ	
	20	32	26/34	50 x 57	1	418 20GSZ	
	25	32	33/42	-	-	-	
	30	40	40/49	75 x 82	1	418 30SZ	
	30	50	40/49	75 x 82	1	418 30GSZ	
	40	50	50/60	75 x 82	1	418 40SZ	

* Variant available for entire elbow meter valves (standard, lockable or tamper-proof functions, PE connection in brass, composite or threaded gas inlet)

Available with integrated fitting 29: ref. 419Z

DID YOU KNOW?

U-CAN water meter valves have an integrated outlet for direct connection to PE/PVC pipes (U-CAN technology). This outlet also releases gas threading, which is compatible with all ranges of U-CAN valves and fittings and with all gas-threaded products, offering a high degree of modularity and responsiveness on construction sites.

- Makes it **easy to manage and control the delivery point**.
- The knob that opens/closes the water can be locked in the desired position without the need for tools or modifications.

- It is locked with the 707 lock and key system.
- Protector available to protect the installed lock from dirt.

U-CAN water meter valves - elbow, PE inlet

418 K 418 SK

Elbow valve / Brass / Tamper-proof K handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)

	ND	Ext. pipe ø	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418 15K	
	15	25	20/27	50 x 45	1	418 15GK	
	20	25	26/34	50 x 57	1	418 20K	
	20	32	26/34	50 x 57	1	418 20GK	
	25	32	33/42	50 x 62	1	418 25K	
SPDE version	15	20	20/27	50 x 57	1	418 15SK	
	15	25	20/27	50 x 57	1	418 15GSK	
	20	25	26/34	50 x 57	-	418 20SK	
	20	32	26/34	50 x 57	1	418 20GSK	
	20	32	26/34	50 x 57	1	418 20GSK	

Available with integrated fitting 29: ref. 419 K

- Makes it possible to **manage and control the delivery point in complete safety**.
- Water opened/closed using the dedicated butterfly knob 706 that is inserted into the tamper-proof system.
- Once the position has been selected, the valve is locked with the 706 lock and key system.
- Supplied with a protective cap.

418 418 S

Elbow valve / Brass / Standard handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading)

	ND	Ext. pipe ø	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418 15	
	15	25	20/27	50 x 45	8	418 15G	
	20	25	26/34	50 x 57	1	418 20	
	20	32	26/34	50 x 57	1	418 20G	
	25	32	33/42	50 x 62	1	418 25	
	30	40	40/49	75 x 65	1	418 30	
	30	50	40/49	75 x 65	1	418 30G	
	40	50	50/60	75 x 70	1	418 40	
SPDE version	15	20	20/27	50 x 57	1	418 15S	
	15	25	20/27	50 x 57	1	418 15GS	
	20	25	26/34	50 x 57	1	418 20S	
	20	32	26/34	50 x 57	1	418 20GS	
	25	32	33/42	-	-	-	
	30	40	40/49	75 x 82	1	418 30S	
	30	50	40/49	75 x 82	1	418 30GS	
	40	50	50/60	75 x 82	1	418 40S	

Available with integrated fitting 29: ref. 419



U-CAN water meter valves - elbow, threaded inlet

412 Z 412 SZ

Elbow valve / Brass / Lockable Z handle / Gas threaded inlet / Compatible U-CAN fitting

	ND	Inlet	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	1	412 15Z	
	15	26/34	20/27	50 x 45	1	412 15GZ	
	20	26/34	26/34	50 x 57	1	412 20Z	
	20	33/42	26/34	50 x 57	1	412 20GZ	
	25	33/42	33/42	50 x 62	1	412 25Z	
	30	40/49	40/49	75 x 65	1	412 30Z	
	30	50/60	40/49	75 x 65	1	412 30GZ	
	40	50/60	50/60	75 x 70	1	412 40Z	
SPDE version	15	20/27	20/27	50 x 57	1	412 15SZ	
	15	26/34	20/27	50 x 57	1	412 15GSZ	
	20	26/34	26/34	50 x 57	-	412 20SZ	
	20	33/42	26/34	50 x 57	1	412 20GSZ	
	25	33/42	33/42	-	-	-	
	30	40/49	40/49	75 x 82	1	412 30SZ	
	30	50/60	40/49	75 x 82	1	412 30GSZ	
	40	50/60	50/60	75 x 82	1	412 40SZ	



412 K 412 SK

Elbow valve / Brass / Tamper-proof K handle / Gas threaded inlet / Compatible U-CAN fitting

	ND	Inlet	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	1	412 15K	
	15	26/34	20/27	50 x 45	1	412 15GK	
	20	26/34	26/34	50 x 57	1	412 20K	
	20	33/42	26/34	50 x 57	1	412 20GK	
	25	33/42	33/42	50 x 62	1	412 25K	
SPDE version	15	20/27	20/27	50 x 57	1	412 15SK	
	15	26/34	20/27	50 x 57	1	412 15GSK	
	20	26/34	26/34	50 x 57	1	412 20SK	
	20	33/42	26/34	50 x 57	1	412 20GSK	
	25	33/42	33/42	-	-	-	



U-CAN water meter valves - elbow, threaded inlet

412 412 S

Elbow valve / Brass / Standard handle / Gas threaded inlet / Compatible U-CAN fitting




	ND	Inlet	Nut	Sizes	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	8	412 15	
	15	26/34	20/27	50 x 45	1	412 15G	
	20	26/34	26/34	50 x 57	1	412 20	
	20	33/42	26/34	50 x 57	1	412 20G	
	25	33/42	33/42	50 x 62	1	412 25	
	30	40/49	40/49	75 x 65	1	412 30	
	30	50/60	40/49	75 x 65	1	412 30G	
	40	50/60	50/60	75 x 70	1	412 40	
SPDE version	15	20/27	20/27	50 x 57	1	412 15S	
	15	26/34	20/27	50 x 57	1	412 15GS	
	20	26/34	26/34	50 x 57	1	412 20S	
	20	33/42	26/34	50 x 57	1	412 20GS	
	25	33/42	33/42	-	-	-	
	30	40/49	40/49	75 x 82	1	412 30S	
	30	50/60	40/49	75 x 82	1	412 30GS	
	40	50/60	50/60	75 x 82	1	412 40S	

412EPJ Z 412EPJ SZ

Elbowed valve / Brass / Lockable Z handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with O-Link technology integrated seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	1	412EPJ 15Z	
	15	26/34	20/27	50 x 45	1	412EPJ 15GZ	
SPDE version	15	20/27	20/27	50 x 57	1	412EPJ 15SZ	
	15	26/34	20/27	50 x 57	1	412EPJ 15GSZ	

412EPJ K 412EPJ SK

Elbowed valve / Brass / Tamper-proof K handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with O-Link technology integrated seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	1	412EPJ 15K	
	15	26/34	20/27	50 x 45	1	412EPJ 15GK	
SPDE version	15	20/27	20/27	50 x 57	1	412EPJ 15SK	
	15	26/34	20/27	50 x 57	1	412EPJ 15GSK	

Knob + Lock + Key
See p.145

U-CAN water meter valves - elbow, O-LINK nut

412EPJ 412EPJ S

Elbowed valve / Brass / Standard handle / Gas threaded inlet / Compatible U-CAN fitting / Nut with O-Link technology integrated seal



	ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20/27	20/27	50 x 45	1	412EPJ 15	
	15	26/34	20/27	50 x 45	1	412EPJ 15G	
SPDE version	15	20/27	20/27	50 x 57	1	412EPJ 15S	
	15	26/34	20/27	50 x 57	1	412EPJ 15GS	

418EPJ Z 418EPJ SZ

Elbowed valve / Brass / Lockable Z handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Nut with O-Link technology integrated seal




In situ

	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418EPJ 15Z	
	15	25	20/27	50 x 45	1	418EPJ 15GZ	
SPDE version	15	20	20/27	50 x 57	1	418EPJ 15SZ	
	15	25	20/27	50 x 57	1	418EPJ 15GSZ	

Lock + Key + Protector
See p.144

418EPJ K 418EPJ SK

Elbowed valve / Brass / Tamper-proof K handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Nut with O-Link technology integrated seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418EPJ 15K	
	15	25	20/27	50 x 45	1	418EPJ 15GK	
SPDE version	15	20	20/27	50 x 57	1	418EPJ 15SK	
	15	25	20/27	50 x 57	1	418EPJ 15GSK	

418EPJ 418EPJ S

Elbowed valve / Brass / Standard handle / Integrated fitting 28 U-CAN technology (PE/PVC/Gas threading) / Nut with O-Link technology integrated seal



	ND	Ext. pipe ø	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
Standard version	15	20	20/27	50 x 45	1	418EPJ 15	
	15	25	20/27	50 x 45	1	418EPJ 15G	
SPDE version	15	20	20/27	50 x 57	1	418EPJ 15S	
	15	25	20/27	50 x 57	1	418EPJ 15GS	

Accessories for U-CAN valves - lockable Z

CLE 707 and VER 707

Key for spherical lockable Z valve

Lock for spherical lockable Z valve / For valves ND 15 to 40



Description	CLS ref.	Price in € excl. tax
Key only for lock 707	CLE 706 15	
Lock only	VER 707 1520	
Lock only, limited flow version	VER 707 1520DL	

KIT 707

Lock holder for spherical lockable Z valve



Description	CLS ref.	Price in € excl. tax
Lock holder + nut + cap to convert valves ND 15, 20, 25	KIT 707 15	
Lock holder + nut + cap to convert valves ND 30 and 40	KIT 707 3040	

KIT VER 707 P

Lock for spherical lockable Z valve equipped with a protective cap / For valves ND 15, 20, 25



Description	CLS ref.	Price in € excl. tax
Lock only + protective cap	KIT VER 707 P	
Lock only, limited flow version + protective cap	KIT VER 707 DLP	

PDR KIT 707

Lock holder for old generation spherical lockable Z valve



Description	CLS ref.	Price in € excl. tax
Lock holder + nut + cap to convert valve ND 20 and telescopic ND 15 (only for valves 811, 828, 411, 428 version to end 2016)	KIT 707 20	
Lock holder + nut + cap + lever to convert valves ND 30 and 40 (only for valves of year 2017)	KIT 707 3040 LEV	

Accessories for U-CAN valves - tamper-proof K

CLE 706 and VER 706

Key for spherical tamper-proof K valve

Lock for spherical tamper-proof K valve / For valves ND 15 to 25



Description	CLS ref.	Price in € excl. tax
Key only for lock 706	CLE 706 15	
Lock only	VER 706 15	

PAP 706

Butterfly knob for spherical tamper-proof K valve



ND	Type	CLS ref.	Price in € excl. tax
15 - 20 - 25	Unlosable for customer	PAP 706 15	
15 - 20 - 25	Standard for maintenance*	PAP 706 15S	
20 (only for generation 811, 828, 411, 428 valves)	Unlosable for customer	PAP 706 20	
	Standard for maintenance*	PAP 706 20S	

* Removable in all positions

Our keys and locks are supplied exclusively to water distributors.

KIT 706 and PDR KIT 706

Lock holder for spherical tamper-proof K valve

Lock holder for old generation spherical tamper-proof K valve



Description	CLS ref.	Price in € excl. tax
Lock holder + nut to convert valves ND 15, 20, 25	KIT 706 15B	
Lock holder + washer + nut to convert valve ND 20 and telescopic ND 15 (only for valves 811, 828, 411, 428 version to end 2016)	KIT 706 20B	

MAL 706 707

Tool for converting standard spherical valve to lockable Z or tamper-proof K



Description	CLS ref.	Price in € excl. tax
Case with tool for spherical valves ND 15, 20, 25	MAL 706 707	

Converts a spherical, standard valve into a lockable or tamper-proof valve on-site and under pressure, without dismantling the valve.

U-CAN after meter valves - straight

912 P

Straight valve / Brass / With unlosable upstream or downstream drain / Gas threaded inlet / Compatible U-CAN fitting



	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Downstream drain	15*	20/27	20/27	86	1	912 15P01	
	20	26/34	26/34	94	1	912 20P01	
	30	40/49	40/49	123	1	912 30P01	
	40	50/60	50/60	135	1	912 40P01	
Upstream drain	15*	20/27	20/27	67	1	912 15P10	
	20	26/34	26/34	77	1	912 20P10	
	30	40/49	40/49	104	1	912 30P10	
	40	50/60	50/60	112	1	912 40P10	

* Reference not compatible with U-CAN integrated fitting

872

Straight valve / Brass / Female double rotating nut



ND	2 nuts	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	80	1	872 15	
20	26/34	80	1	872 20	
30	40/49	110	1	872 30	
40	50/60	-	-	-	

852

Straight valve / Brass / Male spherical stop valve / Gas threading / Inlet compatible U-CAN fitting



ND	Inlet	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
15*	15/21	15/21	70	1	852 15	
15*	20/27	20/27	65	1	852 15G	
20	26/34	26/34	72	1	852 20G	
20	33/42	33/42	78	1	852 20H	
30	40/49	40/49	99	1	852 30G	
40	50/60	50/60	115	1	852 40G	

* Reference not compatible with U-CAN integrated fitting

U-CAN after meter valves - elbowed



512 SP10

Elbowed valve / Brass / SPDE version with unlosable upstream drain / Gas threaded outlet / Compatible U-CAN fitting

ND	Inlet	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	50 x 57	1	512 15SP10	
15	20/27	26/34	50 x 57	1	512 15GSP10	
20	26/34	26/34	50 x 57	1	512 20SP10	
30	40/49	40/49	73 x 82	1	512 30SP10	
40	50/60	50/60	73 x 82	1	512 40SP10	

U-CAN valves - multi-rotation

981

Straight valve / Brass / Multi-rotation / Straight control / Gas threaded inlet



ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	77	1	981 15	
15	26/34	20/27	100	1	981 15G	
20	26/34	26/34	89	1	981 20	
25	33/42	33/42	105	1	981 25	
30	40/49	40/49	124	1	981 30	
30	50/60	40/49	124	1	981 30G	
40	50/60	50/60	154	1	981 40	

972

Straight valve / Brass / Multi-rotation / Inclined control / Gas threaded inlet



ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	80	1	972 15	
15	26/34	20/27	80	1	972 15G	
20	26/34	26/34	80	1	972 20	
30	40/49	40/49	110	1	972 30	
40	50/60	50/60	140	1	972 40	

U-CAN valves - multi-rotation

979

Elbow valve / Brass / Multi-rotation / Straight control / Gas threaded inlet



ND	Inlet	Nut	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	50 x 57	1	979 15	
15	26/34	20/27	50 x 57	1	979 15G	
20	26/34	26/34	50 x 57	1	979 20	
20	33/42	26/34	50 x 57	1	979 20G	
30	40/49	40/49	73 x 82	1	979 30	
40	50/60	50/60	73 x 82	1	979 40	

987

Straight valve / Brass / Multi-rotation / Straight control / Gas threaded outlet



ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
15	20/27	20/27	62	1	987 15	
20	26/34	26/34	75	1	987 20	

S MA 975

Straight valve / Brass / Multi-rotation / Inclined control



ND	2 nuts	Length	Pack of	CLS ref.	Price in € excl. tax
40	50/60	140	1	S MA 975 40	

Accessories for water meter valves

705

Replacement head



	ND	Thread	Pack of	CLS ref.	Price in € excl. tax
Threaded version	10	19 x 150	1	705 19150	
	10	20 x 150	1	705 20150	
	10	21 x 150	1	705 21150	
	12	22 x 150	1	705 22150	
	12	23 x 150	1	705 23150	
	15	24 x 150	1	705 24150	
	15	25 x 150	1	705 25150	
	15	26 x 150	1	705 26150	
	15	27 x 150	1	705 27150	
	15	28 x 150	1	705 28150	
	20	29 x 150	1	705 29150	
	20	30 x 150	1	705 30150	
	20	31 x 150	1	705 31150	
	20	32 x 150	1	705 32150	

	ND	Standardised	Pack of	CLS ref.	Price in € excl. tax
Standardised version	10	12/17	1	705 1217	
	10	15/21	1	705 1521	
	10	20/27	1	705 2027	
	12	26/34	1	705 2634	

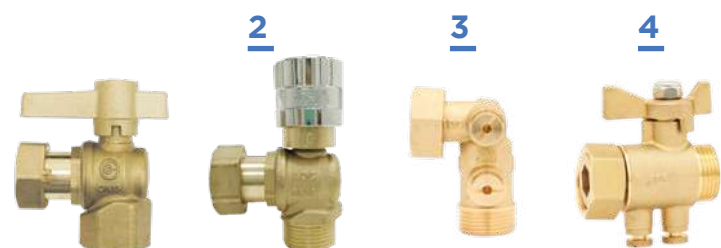
	ND	SPDE	Pack of	CLS ref.	Price in € excl. tax
Standardised version	10	20/27	1	705 2027S	
	12	33/42	1	705 3342S	
	15	40/49	1	705 4049S	
	15	50/60	1	705 5060S	

Universal key CLE 705, please contact us.

PRIZDO water meter valves

Water meter valves

Before and after water meter valves, check valves,
valves-check valves



1 Complete range of valves

- Various models available (straight, elbow) from ND 15 to 40
- Inlet with integrated fitting for PE/PVC, threaded or tapped to gas pitch
- Outlets: rotating nut, rotating nut for meter support, and telescopic rotating nut for meter support

2 Management of the customer network depending on requirements

- Various types of before meter handle (standard, lockable, magnetic tamper-proof)

3 Network protected against back-flow

- Anti-pollution valves with the NF mark

4 Multi-purpose products

- Valves-check valves guaranteeing the anti-pollution function and after meter handle for the customer in the space of a standard check valve or short check valve

VARIED RANGE FOR ALL USES

Various models of valves, check valves: shapes, sizes, connections, etc. to suit all configurations in the field

EASIER MANAGEMENT OF DELIVERY POINTS

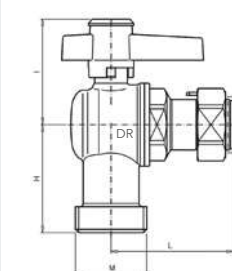
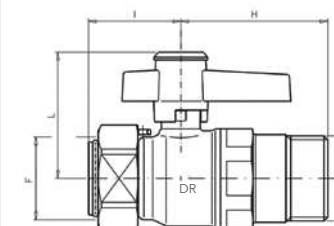
Before meter functions standard, lockable or magnetic tamper-proof

SPDE valve - dimensions

M (")	F (")	H (mm)	W (mm)	L (mm)	ADG ref.
1/2	3/4	50	30	43.5	DVDS-1520
3/4	3/4	50	30	42	DVDS-2020
1	3/4	29	51	42	DVDS-2620
3/4	1	29	51	46	DVDS-2026
1	1	44	36	46	DVDS-2626
1"1/4	1"1/4	50	60	77	DVDS-3333
1"1/2	1"1/2	50	60	77	DVDS-4040
2	2	63	77	82	DVDS-5050

M (")	F (")	H (mm)	W (mm)	L (mm)	ADG ref.
3/4	3/4	50	42	57	DVES-1520
1	3/4	50	46	57	DVES-2620
3/4	1	50	46	57	DVES-2026
1	1	50	47	57	DVES-2626

Principle of use of the magnetic tamper-proof system (for ND 15 and 20 valves).



PRIZDO water meter valves - straight, PE inlet

D01CD

Standard handle / Integrated fitting



ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.35	1	D01CD-2020	
15	25 x 3/4	0.35	1	D01CD-2520	
15	32 x 3/4	0.48	1	D01CD-3220	
20	25 x 1	0.45	1	D01CD-2526	
20	32 x 1	0.52	1	D01CD-3226	
25	32 x 1"1/4	1.88	1	D01CD-3233	
25	40 x 1"1/4	1.97	1	D01CD-4033	
30	40 x 1"1/2	1.57	1	D01CD-4040	
30	50 x 1"1/2	1.63	1	D01CD-5040	
40	50 x 2	2.11	1	D01CD-5050	

D01COV

With lockable operating handle / Integrated fitting



ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.27	1	D01COV-2020	
15	25 x 3/4	0.35	1	D01COV-2520	
15	32 x 3/4	0.52	1	D01COV-3220	
20	25 x 1	0.48	1	D01COV-2526	
20	32 x 1	0.52	1	D01COV-3226	
30	40 x 1"1/2	1.57	1	D01COV-4040	
30	50 x 1"1/2	1.63	1	D01COV-5040	
40	50 x 2	2.11	1	D01COV-5050	

D01VMD

With magnetic tamper-proof system / Integrated fitting



ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.27	1	D01VMD-2020	
15	25 x 3/4	0.35	1	D01VMD-2520	
15	32 x 3/4	0.52	1	D01VMD-3220	
20	25 x 1	0.48	1	D01VMD-2526	
20	32 x 1	0.52	1	D01VMD-3226	

PRIZDO water meter valves - straight, SPDE threaded inlet

DVDS

Standard handle / Gas threaded inlet / SPDE



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.22	1	DVDS-1520	
15	3/4 x 3/4	0.26	1	DVDS-2020	
15	1 x 3/4	0.26	1	DVDS-2620	
20	3/4 x 1	0.35	1	DVDS-2026	
20	1 x 1	0.38	1	DVDS-2626	
20	1"1/4 x 1	0.51	1	DVDS-3326	
25	1"1/4 x 1"1/4	1.35	1	DVDS-3333	
30	1"1/2 x 1"1/2	1.36	1	DVDS-4040	
30	2 x 1"1/2	1.8	1	DVDS-5040	
40	1"1/2 x 1	2.36	1	DVDS-4050	
40	2 x 2	2.05	1	DVDS-5050	

DIDS

With lockable operating handle / Gas threaded inlet / SPDE



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.22	1	DIDS-1520	
15	3/4 x 3/4	0.27	1	DIDS-2020	
15	1 x 3/4	0.31	1	DIDS-2620	
20	3/4 x 1	0.35	1	DIDS-2026	
20	1 x 1	0.31	1	DIDS-2626	
25	1"1/4 x 1"1/4	1.35	1	DIDS-3333	
30	1"1/2 x 1"1/2	1.36	1	DIDS-4040	
40	2 x 2	2.05	1	DIDS-5050	

VMDS

With magnetic tamper-proof system / Gas threaded inlet / SPDE



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.32	1	VMDS-1520	
15	3/4 x 3/4	0.27	1	VMDS-2020	
15	1 x 3/4	0.31	1	VMDS-2620	
20	3/4 x 1	0.35	1	VMDS-2026	
20	1 x 1	0.31	1	VMDS-2626	

PRIZDO water meter valves - straight, threaded inlet

D107CO

Standard handle / Gas threaded inlet



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.24	1	D107CO-1520	
15	3/4 x 3/4	0.23	1	D107CO-2020	
20	3/4 x 1	-	-	D107CO-2026	

D100COV

With lockable operating handle / Gas threaded inlet



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.24	1	D100COV-1520	
15	3/4 x 3/4	0.23	1	D100COV-2020	
20	1 x 1	0.31	1	D100COV-2626	

D107VMD

With magnetic tamper-proof system / Gas threaded inlet



ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.24	1	D107VMD-1520	
15	3/4 x 3/4	0.23	1	D107VMD-2020	
20	1 x 1	0.31	1	D107VMD-2026	

PRIZDO water meter valves - straight, tapped inlet

D106CO

Standard handle / Gas tapped inlet



ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.22	1	D106CO-1520	
15	3/4 x 3/4	0.22	1	D106CO-2020	

PRIZDO water meter valves - straight, tapped inlet

D101COV

With lockable operating handle / Gas tapped inlet



ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.22	1	D101COV-1520	
15	3/4 x 3/4	0.22	1	D101COV-2020	

D106VMD

With magnetic tamper-proof system / Gas tapped inlet



ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.22	1	D106VMD-1520	
15	3/4 x 3/4	0.22	1	D106VMD-2020	

PRIZDO water meter valves - elbow, PE inlet

D01CE

Standard handle / Integrated fitting



ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.34	1	D01CE-2020	
15	25 x 3/4	0.34	1	D01CE-2520	
15	32 x 3/4	0.45	1	D01CE-3220	
20	25 x 1	0.45	1	D01CE-2526	
20	32 x 1	0.48	1	D01CE-3226	
20	40 x 1	0.87	1	D01CE-4026	
25	40 x 1"1/4	2.29	1	D01CE-4033	
30	32 x 1"1/2	3.4	1	D01CE-3240	
30	40 x 1"1/2	3.09	1	D01CE-4040	
40	50 x 1"1/2	3.3	1	D01CE-5040	
40	50 x 2	3.9	1	D01CE-5050	

PRIZDO water meter valves - elbow, PE inlet



D01COE

With lockable operating handle / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.34	1	D01COE-2020	
15	25 x 3/4	0.34	1	D01COE-2520	
15	32 x 3/4	0.48	1	D01COE-3220	
20	25 x 1	0.45	1	D01COE-2526	
20	32 x 1	0.48	1	D01COE-3226	
30	40 x 1"1/2	3.09	1	D01COE-4040	
30	50 x 1"1/2	3.3	1	D01COE-5040	
40	50 x 2	3.9	1	D01COE-5050	



D01VME

With magnetic tamper-proof system / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20 x 3/4	0.34	1	D01VME-2020	
15	25 x 3/4	0.34	1	D01VME-2520	
15	32 x 3/4	0.48	1	D01VME-3220	
20	25 x 1	0.45	1	D01VME-2526	
20	32 x 1	0.48	1	D01VME-3226	

PRIZDO water meter valves - elbow, SPDE threaded inlet



DVES

Standard handle / Gas threaded inlet / SPDE

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.3	1	DVES-2020	
15	1 x 3/4	0.39	1	DVES-2620	
20	3/4 x 1	0.42	1	DVES-2026	
20	1 x 1	0.43	1	DVES-2626	
20	1"1/4 x 1	0.53	1	DVES-3326	
30	1"1/2 x 1"1/2	2.2	1	DVES-4040	
40	2 x 2	2.5	1	DVES-5050	

PRIZDO water meter valves - elbow, SPDE threaded inlet



DIES

With lockable operating handle / Gas threaded inlet / SPDE

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.3	1	DIES-2020	
15	1 x 3/4	0.39	1	DIES-2620	
20	3/4 x 1	0.28	1	DIES-2026	
20	1 x 1	0.43	1	DIES-2626	
30	1"1/2 x 1"1/2	2.2	1	DIES-4040	
40	2 x 2	2.5	1	DIES-5050	



VMES

With magnetic tamper-proof system / Gas threaded inlet / SPDE

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.3	1	VMES-2020	
15	1 x 3/4	0.39	1	VMES-2620	
20	3/4 x 1	0.28	1	VMES-2026	
20	1 x 1	0.43	1	VMES-2626	

PRIZDO water meter valves - elbow, threaded inlet



D107COE

Standard handle / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D107COE-1520	
15	3/4 x 3/4	0.28	1	D107COE-2020	



D100COE

With lockable operating handle / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D100COE-1520	
15	3/4 x 3/4	0.28	1	D100COE-2020	



D107VME

With magnetic tamper-proof system / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D107VME-1520	
15	3/4 x 3/4	0.28	1	D107VME-2020	

PRIZDO water meter valves - elbow, tapped inlet



D106COE

Standard handle / Gas tapped inlet

ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D106COE-1520	
15	3/4 x 3/4	0.28	1	D106COE-2020	



D101COE

With lockable operating handle / Gas tapped inlet

ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D101COE-1520	
15	3/4 x 3/4	0.28	1	D101COE-2020	



D106VME

With magnetic tamper-proof system / Gas tapped inlet

ND (mm)	Dimensions (F x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2 x 3/4	0.28	1	D106VME-1520	
15	3/4 x 3/4	0.28	1	D106VME-2020	

PRIZDO water meter valves - for water meter support



D108

Straight / With lockable operating handle / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.44	1	D108-2520	
15	32 x 3/4	0.5	1	D108-3220	
20	25 x 1	0.68	1	D108-2526	
20	32 x 1	0.5	1	D108-3226	



D208

Straight / With magnetic tamper-proof system / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.44	1	D208-2520	
15	32 x 3/4	0.5	1	D208-3220	
20	25 x 1	0.68	1	D208-2526	
20	32 x 1	0.5	1	D208-3226	



D110

Straight / With lockable operating handle / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.34	1	D110-2020	
20	1 x 1	0.39	1	D110-2626	
30	1"1/2 x 1"1/2	1.75	1	D110-4040	
40	2 x 2	2.25	1	D110-5050	



D210

Straight / With magnetic tamper-proof system / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.34	1	D210-2020	
20	1 x 1	0.39	1	D210-2626	

PRIZDO water meter valves - for water meter support



D109

Elbow / With lockable operating handle / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.45	1	D109-2520	
15	32 x 3/4	0.51	1	D109-3220	
20	25 x 1	0.629	1	D109-2526	
20	32 x 1	0.51	1	D109-3226	



D209

Elbow / With magnetic tamper-proof system / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.45	1	D209-2520	
15	32 x 3/4	0.51	1	D209-3220	
20	25 x 1	0.629	1	D209-2526	
20	32 x 1	0.51	1	D209-3226	



D111

Elbow / With lockable operating handle / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.39	1	D111-2020	
20	1 x 1	0.43	1	D111-2626	



D211

Elbow / With magnetic tamper-proof system / Gas threaded inlet

ND (mm)	Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.39	1	D211-2020	
20	1 x 1	0.43	1	D211-2626	

PRIZDO water meter valves - for water meter support



D112

Straight telescopic / With lockable operating handle / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.485	1	D112-2520	
15	32 x 3/4	0.54	1	D112-3220	
20	25 x 1	0.866	1	D112-2526	
20	32 x 1	0.69	1	D112-3226	



D212

Straight telescopic / With magnetic tamper-proof system / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.485	1	D212-2520	
15	32 x 3/4	0.54	1	D212-3220	
20	25 x 1	0.866	1	D212-2526	
20	32 x 1	0.69	1	D212-3226	



D114

Straight telescopic valve / With lockable operating handle / Gas threaded inlet

ND (mm)	Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.41	1	D114-2020	
20	1 x 1	0.58	1	D114-2626	
30	1"1/2 x 1"1/2	2.02	1	D114-4040	
40	2 x 2	2.43	1	D114-5050	



D214

Straight telescopic / With magnetic tamper-proof system / Gas threaded inlet

ND (mm)	Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.41	1	D214-2020	
20	1 x 1	0.58	1	D214-2626	

PRIZDO water meter valves - for water meter support



D113

Elbow telescopic / With lockable operating handle / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.49	1	D113-2520	
20	32 x 1	0.711	1	D113-3226	



D213

Elbow telescopic / With magnetic tamper-proof system / Integrated fitting

ND (mm)	Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	25 x 3/4	0.49	1	D213-2520	
20	32 x 3/4	0.711	1	D213-3226	



D115

Elbow telescopic / With lockable operating handle / Gas threaded inlet

ND (mm)	Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.43	1	D115-2020	
20	1 x 1	0.58	1	D115-2626	



D215

Elbow telescopic / With magnetic tamper-proof system / Gas threaded inlet

ND (mm)	Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.43	1	D215-2020	
20	1 x 1	0.58	1	D215-2626	

Accessories for PRIZDO valves



AMK

Key for valve with magnetic tamper-proof system

ADG ref.	Price in € excl. tax
AMK	



AMK-33

Key for valve with magnetic tamper-proof system

ADG ref.	Price in € excl. tax
AMK-33	



CLE-2

Key for valve with lockable operating handle

ADG ref.	Price in € excl. tax
CLE-2	



PV

Operating handle

ND (mm)	ADG ref.	Price in € excl. tax
15 and 20	PV	
30 and 40	PV-2	



SYSMINOXP4

Kit / magnetic tamper-proof system

ADG ref.	Price in € excl. tax
SYSMINOXP4	



SYSMINOXP4-33

Kit / magnetic tamper-proof system

ADG ref.	Price in € excl. tax
SYSMINOXP4-33	



BOU / VIS

Screw and cap for valve with lockable operating handle

ADG ref.	Price in € excl. tax
BOU-2	
VIS-2 1/2" 3/4" 1"	
VIS-3 1"1/4" 1"1/2" 2"	

PRIZDO stem-head valves and accessories



415EP

Straight - HDPE inlet - captive nut outlet

Dimensions (mm x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 3/4"	0.4	1	415EP-2020	
25 x 3/4"	0.389	1	415EP-2520	



TP

Stem head

Dimensions	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/2"	0.085	10	TP-15	
3/4"	0.114	10	TP-20	
1"	0.207	5	TP-26	
1"1/4	0.402	1	TP-33	
1"1/2	0.549	1	TP-40	
2"	0.52	1	TP-50	
17 x 150	0.065	5	TP-17150	
18 x 150	0.067	10	TP-18150	
19 x 150	0.08	5	TP-19150	
20 x 150	0.084	5	TP-20150	
21 x 150	0.087	10	TP-21150	
22 x 150	0.091	5	TP-22150	
23 x 150	0.093	10	TP-23150	
24 x 150	0.111	5	TP-24150	
25 x 150	0.113	5	TP-25150	
26 x 150	0.117	5	TP-26150	
27 x 150	0.118	5	TP-27150	
28 x 150	0.184	5	TP-28150	
29 x 150	0.197	5	TP-29150	
30 x 150	0.2	5	TP-30150	
31 x 150	0.206	5	TP-31150	
32 x 150	0.212	5	TP-32150	
33 x 150	0.222	5	TP-33150	
34 x 150	0.263	5	TP-34150	
35 x 150	0.265	5	TP-35150	
36 x 150	0.267	5	TP-36150	
37 x 150	0.28	5	TP-37150	
38 x 150	0.296	1	TP-38150	
43 x 150	0.383	1	TP-43150	
44 x 150	0.4	1	TP-44150	

PRIZDO stem-head valves and accessories



415EM

Straight - Male inlet - captive nut outlet

Dimensions (M x CN)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/2" x 3/4"	0.26	1	415EM-1520	
3/4" x 3/4"	0.262	1	415EM-2020	
1" x 1"	0.41	1	415EM-2626	



RF

Fixed fitting for water meter support

Dimensions (CN x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/4" x 3/4"	0.158	1	RF-20	
1" x 1"	0.189	1	RF-26	
1"1/2 x 1"1/2	0.447	1	RF-40	
2" x 2"	0.686	1	RF-50	



RVR

Adjustable fitting for water meter support

Dimensions (CN x ")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/4" x 3/4"	0.245	1	RCD-2020	
1" x 1"	0.315	1	RVR-26	
1"1/2 x 1"1/2	0.907	1	RVR-40	
2" x 2"	1.55	1	RVR-50	

U-CAN anti-pollution check valves - straight

NEW

EB insert
with NF brand

310 PEPJ

Straight check valve / Composite / Type EA / Available in drain-drain (PP), cap-cap (BB) versions / Nut with integrated O-Link seal

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	58	-	310PEPJ 15L58PP	
Cap-Cap version	15	20/27	20/27	58	-	310PEPJ 15L58BB	

• Ready to be installed on the U-CAN CLIP rail by sliding it into place

• Integrated O-Link seal for a quick and safe connection to the water meter: tightened by hand

310P L58

Straight check valve / Synthetic material / Type EA / Available in drain-drain (PP), cap-cap (BB) versions / Nut with integrated O-LINK seal

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	58	10	310P 15L58PP	
Cap-Cap version	15	20/27	20/27	58	10	310P 15L58BB	

EB insert
with NF brand

310 L58

Straight check valve / Brass / Type EA / Available in drain-drain (PP), cap-cap (BB), drain-cap (PB), cap-drain (BP) versions

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	58	10	310 15L58PP	
Cap-Cap version	15	20/27	20/27	58	10	310 15L58BB	



Complies with standard
NF EN 13959

• Suitable for ND 15 water meter replacement operations.

• When replacing a 170 mm meter, it allows a new meter (110 mm) and a check valve to be fitted in the same space.

U-CAN anti-pollution check valves - straight



Complies with standard
NF EN 13959

310

Straight check valve / Brass / Type EA / Available in drain-drain (PP), cap-cap (BB), drain-cap (PB), cap-drain (BP) versions

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	78	10	310 15L78PP	
	20	26/34	26/34	80	5	310 20L80PP	
	30	40/49	40/49	98	3	310 30L98PP	
	40	50/60	50/60	105	2	310 40L105PP	
	40	50/60	50/60	140	2	310 40L140PP	
Cap-Cap version	15	20/27	20/27	78	10	310 15L78BB	
	20	26/34	26/34	80	8	310 20L80BB	
	30	40/49	40/49	98	3	310 30L98BB	
	40	50/60	50/60	105	2	310 40L105BB	
	40	50/60	50/60	140	2	310 40L140BB	
Drain-Cap version	15	20/27	20/27	78	8	310 15L78PB	
	20	26/34	26/34	80	6	310 20L80PB	
	30	40/49	40/49	98	3	310 30L98PB	
	40	50/60	50/60	105	2	310 40L105PB	
	40	50/60	50/60	140	2	310 40L140PB	
Cap-Drain version	15	20/27	20/27	78	10	310 15L78BP	
	20	26/34	26/34	80	6	310 20L80BP	
	30	40/49	40/49	98	3	310 30L98BP	
	40	50/60	50/60	105	2	310 40L105BP	
	40	50/60	50/60	140	2	310 40L140BP	

The anti-pollution devices protect the drinking water network from back-flow. Check valves, valves with integrated check valve, cartridges and filters are available. Various models are available to suit field configurations (straight, elbowed).

370

Straight check valve / Brass / Type EA / Available in drain-drain (PP), cap-cap (BB), drain-cap (PB), cap-drain (BP) versions

	ND	2 nuts	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	58	-	370 15L58PP	
	15	20/27	78	-	370 15L78PP	
Cap-Drain version	15	20/27	58	-	370 15L58BB	
	15	20/27	78	-	370 15L78BB	



Complies with standard
NF EN 13959

U-CAN anti-pollution check valves - elbowed



Complies with standard
NF EN 13959



320

Elbowed check valve / Brass / Type EA / Right or left elbowed model / Available in drain-drain (PP), cap-cap (BB), drain-cap (PB), cap-drain (BP) versions

	ND	Nut	Outlet	Model	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	Elbow straight	6	320 15PP00	
	15	20/27	26/34		6	320G 15PP00	
	20	26/34	26/34		6	320 20PP00	
Cap-Cap version	15	20/27	20/27	Elbow straight	8	320 15BB00	
	15	20/27	26/34		8	320G 15BB00	
	20	26/34	26/34		8	320 20BB00	
Drain-Cap version	15	20/27	20/27	Elbow straight	6	320 15PB00	
	15	20/27	26/34		6	320G 15PB00	
	20	26/34	26/34		6	320 20PB00	
Cap-Drain version	15	20/27	20/27	Elbow straight	6	320 15BP00	
	15	20/27	26/34		6	320G 15BP00	
	20	26/34	26/34		6	320 20BP00	
Drain-Drain version	15	20/27	20/27	Elbow left	6	320 1500PP	
	15	20/27	26/34		6	320G 1500PP	
	20	26/34	26/34		6	320 2000PP	
Cap-Cap version	15	20/27	20/27	Elbow left	8	320 1500BB	
	15	20/27	26/34		8	320G 1500BB	
	20	26/34	26/34		8	320 2000BB	
Drain-Cap version	15	20/27	20/27	Elbow left	6	320 1500PB	
	15	20/27	26/34		6	320G 1500PB	
	20	26/34	26/34		6	320 2000PB	
Cap-Drain version	15	20/27	20/27	Elbow left	6	320 1500BP	
	15	20/27	26/34		6	320G 1500BP	
	20	26/34	26/34		6	320 2000BP	

DID YOU KNOW?

The upstream drain is used to check that the anti-pollution check valve is working properly. After closing the before meter valve, simply open the upstream drain to allow the water trapped in the meter to flow out and check that the flow is not continuous. The downstream drain, on the other hand, drains the customer network and pressurises the network once the after meter valve is closed.

U-CAN anti-pollution check valves - elbowed



Complies with standard
NF EN 13959

328 G

Elbowed check valve / Brass / Type EA / Right or left elbowed model / Available in drain-drain (PP), cap-cap (BB), drain-cap (PB), cap-drain (BP) versions

	ND	Nut	Outlet	Model	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	ø 25	Elbowed right	6	328 15GPP00	
Cap-Cap version	15	20/27	ø 25	Elbowed right	6	328 15GBB00	
Drain-Cap version	15	20/27	ø 25	Elbowed right	8	328 15GPB00	
Cap-Drain version	15	20/27	ø 25	Elbowed right	8	328 15GBP00	
Drain-Drain version	15	20/27	ø 25	Elbowed left	6	328 15G00PP	
Cap-Cap version	15	20/27	ø 25	Elbowed left	6	328 15G00BB	
Drain-Cap version	15	20/27	ø 25	Elbowed left	6	328 15G00PB	
Cap-Drain version	15	20/27	ø 25	Elbowed left	6	328 15G00BP	

CONSERVING RESOURCES

The operator must deliver high quality water to the customer. Choosing NF brand anti-pollution equipment helps to protect the drinking water network from external back-flow.

DID YOU KNOW?

The NF mark is a collective certification mark issued by Afnor Certification or an authorised body (CSTB). It provides indisputable proof that a product complies with the safety and quality characteristics defined in the corresponding certification standards.

U-CAN valves with integrated check valve - straight



EB insert
with NF brand

912 C

Straight valve-check valve / Brass / Gas threaded outlet

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	80	10	912C 15PP	
Cap-Cap version	15	20/27	20/27	80	10	912C 15BB	
Drain-Cap version	15	20/27	20/27	80	10	912C 15PB	
Cap-Drain version	15	20/27	20/27	80	10	912C 15BP	

- Provides a **dual anti-pollution function** (equipped with an NF insert) **and after meter handle** for the customer in a **space-saving design** (same dimensions as a standard check valve).



EB insert
with NF brand

912 CEPJ

Straight valve-check valve / Brass / Gas threaded outlet / Nut with O-Link technology integrated seal

	ND	Nut	Outlet	Length	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	20/27	80	10	912CEPJ 15PP	
Cap-Cap version	15	20/27	20/27	80	10	912CEPJ 15BB	
Drain-Cap version	15	20/27	20/27	80	10	912CEPJ 15PB	
Cap-Drain version	15	20/27	20/27	80	10	912CEPJ 15BP	

U-CAN valves with integrated check valve - elbowed



EB insert
with NF brand

512 C

Elbowed valve-check valve / Brass / Gas threaded outlet

	ND	Nut	Outlet	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	26/34	1	512C 15G00PP	
Cap-Cap version	15	20/27	26/34	1	512C 15G00BB	
Drain-Cap version	15	20/27	26/34	1	512C 15G00PB	
Cap-Drain version	15	20/27	26/34	1	512C 15G00BP	



EB insert
with NF brand

518 C

Elbowed valve-check valve / Brass / Integrated fitting 28 U-CAN technology

	ND	Nut	Outlet	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	ø 25	1	518C 15G00PP	
Cap-Cap version	15	20/27	ø 25	1	518C 15G00BB	
Drain-Cap version	15	20/27	ø 25	1	518C 15G00PB	
Cap-Drain version	15	20/27	ø 25	1	518C 15G00BP	

U-CAN valves with integrated check valve - elbowed



EB insert
with NF brand

512CEPJ

Elbowed valve-check valve / Brass / Gas threaded outlet / Nut with O-Link technology integrated seal

	ND	Nut	Outlet	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	26/34	1	512CEPJ 15G00PP	
Cap-Cap version	15	20/27	26/34	1	512CEPJ 15G00BB	
Drain-Cap version	15	20/27	26/34	1	512CEPJ 15G00PB	
Cap-Drain version	15	20/27	26/34	1	512CEPJ 15G00BP	



EB insert
with NF brand

518CEPJ

Elbowed valve-check valve / Brass / Integrated fitting 28 U-CAN technology / Nut with O-Link technology integrated seal

	ND	Nut	Outlet	Pack of	CLS ref.	Price in € excl. tax
Drain-Drain version	15	20/27	ø 25	1	518CEPJ 15G00PP	
Cap-Cap version	15	20/27	ø 25	1	518CEPJ 15G00BB	
Drain-Cap version	15	20/27	ø 25	1	518CEPJ 15G00PB	
Cap-Drain version	15	20/27	ø 25	1	518CEPJ 15G00BP	

- Integrated O-Link seal for a **quick and safe connection to the water meter**.
- The captive seal, already incorporated in the valve, **seals instantly** on coming into contact with the meter sealing surface.

- **Effortless tightening by hand.**
- Easy to install, particularly appreciated for installations in tight spaces (boxes, manholes, cellars, etc.).

Anti-pollution cartridge valves



Complies with standard
NF EN 13959

391

Anti-pollution cartridge valve type EB / for water meter

ND	Description	Thread	Water meter internal ø	Pack of	CLS ref.	Price in € excl. tax
15	1/2"	20/27	18.5	1	391 15	
20	3/4"	26/34	22.2	1	391 20	
25	1"	33/42	28.8	1	391 25	
30*	1 1/4"	40/49	38.6	1	392 30	
40*	1 1/2"	50/60	44.65	1	392 40	

*Different models



ENC 391

Snap-on check valve for extension 204 (see p.191)

ND	Pack of	CLS ref.	Price in € excl. tax
15	1	ENC 391 15O	

- Sainte-Lizaigne offers a complete range of meter extensions with integrated check valve, see page 179.

- Snap-on check valve ENC 391 is designed specifically for this 204 range.

PRIZDO anti-pollution check valves



Complies with standard
NF EN 13959

515CPB - 517DPB - 520DPL

Straight check valve / Brass CW617N / Type EA / Captive nut inlet / Threaded outlet / Drain cap / Controllable

ND (mm)	Dimensions (")	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	58	0.172	24	515CPB-20	
15	3/4 x 3/4	78	0.2	20	517DPB-20	
15	3/4 x 3/4	106	0.275	1	520DPL-20	
20	1 x 1	81	0.3	16	517DPB-26	
25	1"1/4 x 1"1/4	88	0.5	6	517DPB-33	
30	1"1/2 x 1"1/2	98	0.6	6	517DPB-40	
40	2 x 2	100	0.9	4	517DPB-50	



Complies with standard
NF EN 13959

518EPB

Right-angle check valve / Brass CW617N / Type EA / Captive nut inlet / Threaded outlet / Drain cap / Controllable

ND (mm)	Dimensions (")	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	51	0.21	16	518EPB-20	
20	1 x 1	52	0.308	10	518EPB-26	



520DPE

Straight check valve / Die-cast "DZR" brass CW625N / Captive nut inlet / Integrated fitting outlet for HDPE/PVC pipe / Two radiator type drains

ND (mm)	Dimensions (") x mm)	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 25	98	0.264	1	520DPE-2520-M	



520EPE

Right-angle check valve / Die-cast "DZR" brass CW625N / Captive nut inlet / Integrated fitting outlet for HDPE/PVC pipe / Two radiator type drains

ND (mm)	Dimensions (") x mm)	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 25	81.3	0.256	1	520EPE-2520-M	

PRIZDO valves with integrated check valve



107DPCB

Compact straight after meter valve / Integrated NF non-return valve / Die-cast brass CW617N / Captive nut inlet / Threaded outlet / Two drain caps

ND (mm)	Dimension (CN x M)	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	58	0.270	1	107DPCB-2020	

The compact valve, with its small footprint, can be installed in place of a 58 mm EA anti-pollution valve, thanks to its integrated NF valve, which allows the isolation function to be incorporated without modifying the installation.



D107DPB

Straight after meter valve / Integrated NF non-return valve / Die-cast brass "DZR" CW625N / Captive nut inlet / Threaded outlet / Two drain caps

ND (mm)	Dimension (CN x M)	Distance (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	88	0.363	1	D107DPB-2020	



D107EPB

Elbowed after meter valve / Integrated NF non-return valve / Die-cast brass "DZR" CW625N / Captive nut inlet / Threaded outlet

ND (mm)	Dimension (CN x M)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	-	1	D107EPB-2020B	
15	3/4 x 3/4	-	1	D107EPB-2020D	
15	3/4 x 3/4	-	1	D107EPB-2020G	

D107EPB-2020B: 4 Brass caps
 D107EPB-2020D: 2 Right-hand drains - 2 Left-hand brass caps
 D107EPB-2020G: 2 Left-hand drains - 2 Right-hand brass caps



D107EPB-S

Elbowed after meter valve / Integrated NF non-return valve / Die-cast brass "DZR" CW625N / Captive nut inlet / Threaded outlet / With lock nut for mounting on water meter support

ND (mm)	Dimension (CN x M)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	-	1	D107EPB-2020BS	
15	3/4 x 3/4	-	1	D107EPB-2020DS	
15	3/4 x 3/4	-	1	D107EPB-2020GS	

D107EPB-2020BS: 4 Brass caps
 D107EPB-2020DS: 2 Right-hand drains - 2 Left-hand brass caps
 D107EPB-2020GS: 2 Left-hand drains - 2 Right-hand brass caps

Filters

602 L

Y filter tapped / Test pressure 20 bar / Interchangeable stainless steel cartridge

ND	Description	Inlet/Outlet	Length	HYD ref.	Price in € excl. tax
15	1/2"	F 15/21	63	C1006 01811	
20	3/4"	F 20/27	93	C1006 02812	
25	1"	F 26/34	101	C1006 03813	
30	1"1/4	F 33/42	125	C1006 04814	
40	1"1/2	F 40/49	129	C1006 05815	
50	2"	F 50/60	145	C1006 06816	

602 LP

Y drain filter tapped / Test pressure 20 bar / Interchangeable stainless steel cartridge

ND	Description	Inlet/Outlet	Length	HYD ref.	Price in € excl. tax
15	1/2"	F 15/21	63	C1006 01801	
20	3/4"	F 20/27	93	C1006 02802	
25	1"	F 26/34	101	C1006 03803	
30	1"1/4	F 33/42	125	C1006 04804	
40	1"1/2	F 40/49	129	C1006 05805	
50	2"	F 50/60	145	C1006 06806	

DID YOU KNOW?

It is advisable to clean the filters regularly. Clogged filters can lead to pressure losses for the customer.

Building valves

863

Female spherical stop valve

Female	CLS ref.	Price in € excl. tax	Female	CLS ref.	Price in € excl. tax
15/21	863 15		33/42	863 33	
20/27	863 20		40/49	863 40	
26/34	863 26		50/60	863 50	

852

Male spherical stop valve / Inlet compatible U-CAN fitting

ND	Inlet	Male	Length	CLS ref.	Price in € excl. tax
15*	15/21	15/21	70	852 15	
15	20/27	20/27	65	852 15G	
20	26/34	26/34	72	852 20G	
20	33/42	33/42	78	852 20H	
30	40/49	40/49	99	852 30G	
40	50/60	50/60	115	852 40G	

* Reference inlet not compatible with U-CAN integrated fitting

762

Stop valve / Please contact us for drains

Female-Female	Type of valve	Length	CLS ref.	Price in € excl. tax
12/17	Plain Female-Female	53	762 12	
15/21		58	762 15	
20/27		71	762 20	
26/34		68	762 26	
33/42		96	762 33	
15/21	with cap and pre-pierced for drain	58	762 15P	
20/27		71	762 20P	
26/34		68	762 26P	



Building valves include stop valves that can be used after the meter on the customer's network (commercial, collective housing, municipal site, industry). Building valves complete the range, providing access to water for tradespeople and companies involved in building work or the creation of housing estates.

— Stop valves



746

Watering valve with nose-piece fitting

ND	Inlet	Outlet	CLS ref.	Price in € excl. tax
12	15/21	15/21	746 12	
15	15/21	20/27	746 15	
20	20/27	26/34	746 20	
20	20/27	20/27	746 20R	



SWAN-NECKED VALVE

Used as a temporary faucet on construction sites / Customised in ND 25 or ND 32 mm / Standard inlet on PE length 15 cm or mobile socket / Outlet draw-off valve / Can be used with cold or hot water / Other versions on request

ND	Inlet	Outlet	Dimensions H x l (m)	HYD ref.	Price in € excl. tax
25	Straight inlet	1/4 turn valve	1.10 x 0.3	C1202 01524	
25	Captive nut	1/4 turn valve	1.10 x 0.3	C1202 02524	

— Extensions



310

Brass extension / Male - Female

Dimensions (" x mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/4 x 13	0.049	1	310-2013	
3/4 x 29	0.100	1	310-2029	
3/4 x 63	0.227	1	310-2063	
1 x 29	0.144	1	310-2629	
1 x 63	0.232	1	310-2663	

— Extensions



203

Straight water meter extension male/female

ND	Thread	Length	Material	CLS ref.	Price in € excl. tax
15	20/27	15	Brass	203 15L15	
15	20/27	20	Brass	203 15L20	
15	20/27	58	Brass	203 15L58	
15	20/27	58	Synthetic	203 15L58P	

* • Provides a **quick and safe connection to the water meter**. The built-in captive **seal seals instantly** on coming into contact with the meter sealing surface.

• **Effortless tightening by hand.**
 • Its ease of installation is particularly useful for maintenance purposes and when installing in confined, restricted environments (boxes, manholes, cellars, etc.).

NEW



204

Straight water meter extension male/female with integrated check valve holder

ND	Thread	Length	Material	CLS ref.	Price in € excl. tax
15	20/27	19	Composite	204 15L19P	
15	20/27	22	Composite	204 15L22P	
15	20/27	27	Composite	204 15L27P	
15	20/27	37	Composite	204 15L37P	
15	20/27	47	Composite	204 15L47P	
15	20/27	58	Composite	204 15L58P	
15	20/27	62	Composite	204 15L62P	

Snap-on check valve for extension 204 see page 175 (ref. ENC 391 150)

• Complete range of **extensions**. **These are available in various lengths** to suit the many different configurations of metering station installations.
 • Provides a **quick and safe connection for the water meter**.
 • The captive seal, already incorporated in the product, **seals instantly** on coming into

contact with the meter sealing surface.
 • **Effortless tightening by hand.**
 • Its ease of installation is particularly useful for maintenance purposes and when installing in confined spaces.
 • **Dual-purpose** product: it incorporates a check valve for **anti-pollution protection** in a **minimum of space**.

Extensions

320

Fully threaded brass extension



Dimensions (" x mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/2" x 100	0.10	1	320-15100	
3/4" x 90	0.16	1	320-2090	
3/4" x 100	0.18	1	320-20100	
3/4" x 120	0.21	1	320-20120	
3/4" x 150	0.26	1	320-20150	
3/4" x 200	0.34	1	320-20200	
1" x 90	0.25	1	320-2690	
1" x 100	0.27	1	320-26100	
1" x 150	0.41	1	320-26150	
1" x 200	0.57	1	320-26200	
1" x 250	0.65	1	320-26250	
1" x 300	0.85	1	320-26300	
1" x 350	0.99	1	320-26350	
1" x 400	1.13	1	320-26400	
1" x 500	1.25	1	320-26500	
1" x 600	1.70	1	320-26600	
1" x 1000	2.50	1	320-261000	
1"1/4 x 100	0.32	1	320-33100	
1"1/4 x 150	0.51	1	320-33150	
1"1/2 x 100	0.35	1	320-40100	
1"1/2 x 110	0.49	1	320-40110	
1"1/2 x 150	0.64	1	320-40150	
1"1/2 x 200	0.72	1	320-40200	
1"1/2 x 250	0.89	1	320-40250	
1"1/2 x 300	1.07	1	320-40300	
1"1/2 x 350	1.24	1	320-40350	
1"1/2 x 400	1.43	1	320-40400	
1"1/2 x 500	1.80	1	320-40500	
1"1/2 x 600	2.20	1	320-40600	
1"1/2 x 700	2.50	1	320-40700	
1"1/2 x 1000	3.60	1	320-401000	
2" x 100	0.57	1	320-50100	
2" x 150	0.85	1	320-50150	
2" x 200	1.14	1	320-50200	
2" x 250	1.44	1	320-50250	
2" x 300	1.73	1	320-50300	
2" x 350	2.01	1	320-50350	
2" x 400	2.33	1	320-50400	
2" x 500	2.88	1	320-50500	
2" x 600	3.47	1	320-50600	
2" x 650	3.70	1	320-50650	
2" x 1000	5.75	1	320-501000	

Customer metering accessories include all the parts used in the metering environment: extensions, bypasses, reducers, flat seals and anti-fraud devices.

Bypass

203

Male/male bypass (temporary) / For other sizes please contact us



ND	Thread	Length	Material	CLS ref.	Price in € excl. tax
15	20/27	170	Brass	203 15	
15	20/27	80	Brass	203 15A	
15	20/27	110	Polyacetal	203 15L110P	
20	26/34	190	Brass	203 20A	
20	26/34	110	Polyacetal	203 20L110P	

BYPASS PIPE

Bypass / Replaces the water meter for rinsing or to convert the house connection / Available in composite or brass

ND	Thread	Length	Material	HYD ref.	Price in € excl. tax
15	20/27	110	Brass	C1401 02002	
15	20/27	110	Composite	C1401 02012	
15	20/27	170	Brass	C1401 02003	
15	20/27	170	Composite	C1401 02013	
20	26/34	190	Brass	C1401 02004	

530L

Brass spacer tube / For water meter

Dimensions (")	Length (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
3/4 x 3/4	110	0.30	530L-20110	
3/4 x 3/4	170	0.34	530L-20170	
1 x 1	190	0.60	530L-26190	
1"1/4 x 1"1/4	260	1.25	530L-33260	
1"1/2 x 1"1/2	260	1.40	530L-40260	
2 x 2	300	4.05	530L-50300	



MACP

Plastic spacer tube / For water meter

Dimensions (")	Length (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
3/4 x 3/4	110	0.04	MACP-20110	
3/4 x 3/4	170	0.07	MACP-20170	



Meter recalibration

211

Reducer for meter recalibration

Old meter (M)	New meter (F)	CLS ref.	Price in € excl. tax
40 - (50 x 60)	30 - (40 x 49)	211 4030L	
40 - (50 x 60)	25 - (33 x 42)	211 4025L	
40 - (50 x 60)	20 - (26 x 34)	211 4020L	
40 - (50 x 60)	15 - (20 x 27)	211 4015L	
30 - (40 x 49)	20 - (26 x 34)	211 3020L	
30 - (40 x 49)	15 - (20 x 27)	211 3015L	
25 - (33 x 42)	20 - (26 x 34)	211 2520L	
25 - (33 x 42)	15 - (20 x 27)	211 2515L	
20 - (26 x 34)	15 - (20 x 27)	211 2015	

Meter recalibration reducers can be used to replace a meter with a smaller one without having to convert the installation.

RC

Reducer for meter recalibration / Male / Captive nut

Meter	Dimensions (")	Weight (kg/p)	ADG ref.	Price in € excl. tax
Cal.25 to 15	1"1/4 x 3/4	0.198	RC-3320	
Cal.25 to 20	1"1/4 x 1	0.213	RC-3326	
Cal.30 to 15	1"1/2 x 3/4	0.215	RC-4020	
Cal.30 to 20	1"1/2 x 1	0.228	RC-4026	
Cal.40 to 15	2" x 3/4	0.39	RC-5020	
Cal.40 to 20	2 x 1	0.398	RC-5026	

RFPRC

Reducer for meter recalibration / Male - Female

Meter	Dimensions (")	Weight (kg/p)	ADG ref.	Price in € excl. tax
Cal 20 to 15	1 x 3/4	0.065	RFPRC-2620	
Cal 40 to 25	2 x 1"1/4	0.38	RFPRC-5033	
Cal 40 to 30	2 x 1"1/2	0.30	RFPRC-5040	

Fittings

712

2-Piece threaded fitting with flat surface

ND	Nut	Male	Length	CLS ref.	Price in € excl. tax
15	20/27	15/21	35	712 15	
20	26/34	20/27	37	712 20	
25	33/42	26/34	42	712 25	
30	40/49	33/42	45	712 30	
40	50/60	40/49	53	712 40	

935RM

Two-piece fitting for water meter

Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/4 x 1/2	0.065	2	935RM-2015	
3/4 x 3/4	0.14	2	935RM-2020	
1 x 3/4	0.10	2	935RM-2620	
1 x 1	0.10	1	900RM-2626	
1"1/4 x 1	0.175	1	935RM-3326	
1"1/2 x 1"1/4	0.26	1	935RM-4033	
2 x 1"1/2	0.32	1	935RM-5040	
2"2/2 x 2	0.84	1	900RM-6650	

Other accessories

292L

Brass flanged shank lock nut

Dimensions	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1"	0.02	1	292L-26-P	
1"1/2	0.05	1	292L-40-P	
2"	0.13	1	292L-50-P	

DP

Bleed nipple

ND	Dimensions (")	Weight (kg/p)	ADG ref.	Price in € excl. tax
15	3/4 x 3/4	0.15	DP-20	
20	1 x 1	0.26	DP-26	
25	1"1/4 x 1"1/4	0.44	DP-33	
30	1"1/2 x 1"1/2	0.54	DP-40	
40	2 x 2	0.70	DP-50	

Seals

202 CB

Flat seals for water meter

Water meter ND	Nut	Thickness	Pack of	CLS ref.	Price in € excl. tax
10	12/17	2	100	202 C10B	
12	15/21	2	100	202 C12B	
15	20/27	2	100	202 C15B	
15	20/27	3	50	202 C15B ep3	
20	26/34	2	100	202 C20B	
20	26/34	3	50	202 C20B ep3	
25	33/42	2	100	202 C25B	
25	33/42	3	50	202 C25B ep3	
30	40/49	2	100	202 C30B	
30	40/49	3	50	202 C30B ep3	
40	50/60	2	100	202 C40B	
40	50/60	3	50	202 C40B ep3	
50	66/76	2	100	202 C50B	



CONSERVING RESOURCES

The seal is an essential part of the network to ensure a leak-free installation. It is important to follow the recommended installation instructions and to check the quality of the seal surface of the product on which it is installed.

PEMD SEALS

Food grade PEMD polyethylene seals for sealing your water meters and house connection parts / Insensitive to humidity and drying out / Do not attach to the seal surface when dismantled

Thread	Thickness	Pack of	HYD ref.	Price in € excl. tax
20/27	2	100	C 1404 01132	
26/34	2	100	C 1404 01142	
33/42	2	100	C 1404 01152	
40/49	2	100	C 1404 01162	
50/60	2	100	C 1404 01172	



TPE SEALS

Food grade TPE elastomer seals for sealing your water meters and house connection parts / Insensitive to humidity and drying out / Do not attach to the seal surface when dismantled

Thread	Pack of	HYD ref.	Price in € excl. tax
20/27	100	C 1404 01432	
26/34	100	C 1404 01442	
33/42	100	C 1404 01452	
40/49	100	C 1404 01462	
50/60	100	C 1404 01472	



Seals



RUBBER SEALS

Natural rubber seals / PN 10/16 / Unit price

ND	HYD ref.	Price in € excl. tax	ND	HYD ref.	Price in € excl. tax
20	R 2405 12401		40	R 2405 12403	
30	R 2405 12402		50	R 2405 12404	

CNA SEALS

Food grade nitrile rubber seals / Can be used for water, oil, hydrocarbons and steam

Thread	Pack of	HYD ref.	Price in € excl. tax
20/27	50	C 1404 02232	
26/34	50	C 1404 02242	
33/42	50	C 1404 02252	
40/49	25	C 1404 02262	
50/60	25	C 1404 02272	



CNA CASE

Multi-case kit / Food grade nitrile rubber joints / Various sizes / 3/8" (50) - 1/2" (90) - 5/8" (20) - 3/4" (40) - 1" (24) - 1 1/4" (20) - 1 1/2" (14)

Pack of	HYD ref.	Price in € excl. tax
258	C 1404 02500	



800

Asbestos-free fibre seal / Thickness 2mm

For water meter ND	Dimensions	Pack of	ADG ref.	Price in € excl. tax
15	24 x 16	100	800-20	
20	30 x 20	100	800-25	
25	38 x 30	100	800-30	
30	44 x 33	100	800-40	
40	56 x 44	100	800-50	
50	70 x 56	100	800-66	



JACS

Jacs seal / Thickness 2mm

For water meter ND	Dimensions	Pack of	ADG ref.	Price in € excl. tax
15	24 x 16	100	JACS-15	
20	30 x 22	100	JACS-20	
25	38 x 30	100	JACS-25	
30	44 x 32	100	JACS-30	
40	55 x 43	100	JACS-40	



Sealing

BAG

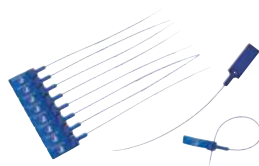
Sealing ring for water meter seal without marking / For specific marking and other colours: please contact us



Water meter ND	Colour	Pack of	CLS ref.	Price in € excl. tax
15	blue	500	BAG 15B SM	
15	red	500	BAG 15R SM	
20	blue	500	BAG 20B SM	
20	red	500	BAG 20R SM	
30	blue	250	BAG 30B SM	
30	red	250	BAG 30R SM	
40	blue	200	BAG 40B SM	
40	red	200	BAG 40R SM	

FIL (THREAD)

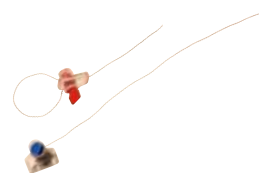
Polyamide thread for water meter sealing (standard indications)



Pack of	CLS ref.	Price in € excl. tax
1000	FIL (THREAD)	
from 200 to 990		
from 10 to 190		

FIL 2

Metallic thread for water meter sealing (standard indications) / Other colours: please contact us



Colour	Pack of	CLS ref.	Price in € excl. tax
blue	1000	FIL 2	
	from 300 to 900		
	from 100 to 200		
red	1000	FIL 2R	
	from 300 to 900		
	from 100 to 200		
green	1000	FIL 2V	
	from 300 to 900		
	from 100 to 200		

Anti-fraud devices available: wire, rings suitable for sealing networks in all configurations.

Sealing



Sealing cap / For sealing meters from ND 15 to ND 40 / Oily composite that cannot be reattached with fuse point on closure tab / Available in several colours with engraving option

Water meter ND	HYD ref.	Price in € excl. tax	Engraving HYD ref.	Price in € excl. tax
15	C 1101 01001		G3202 01001	
20	C 1101 02001			
30	C 1101 03001			
40	C 1101 04001			



Plastic-coated seal / Box of 100

HYD ref.	Price in € excl. tax
C 1104 05001	



BPC - BPCR

Blue or red sealing ring for water meter seal

Water meter ND	Weight (kg/p)	Pack of	Blue ADG ref.	Price in € excl. tax	Red ADG ref.	Price in € excl. tax
15	0.013	500	BPC-20		BPC-20R	
20	0.013	500	BPC-26		BPC-26R	
30	0.024	275	BPC-40		BPC-40R	
40	0.037	175	BPC-50		BPC-50R	

Flow limitation



Brass inset / Limits the flow to approximately 30 l/h / Invisible, it is placed in the water meter pipe / Solid brass inset

ND	HYD ref.	Price in € excl. tax
15	-	
20	-	



PL

Solid brass inset

Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/4	0.41	1	PL-20	
1	0.9	1	PL-26	
1"1/4	0.151	1	PL-33	
1"1/2	0.093	1	PL-40	
2	0.156	1	PL-50	

Conserving resources

Connection components are key features in the drinking water connection.

Great care must be taken when selecting and installing this equipment in order to avoid leaks. The installation of quality, easy-to-use products contributes to the service life of the installations and drinking water network.

The sealing of a connection is essential to guarantee a durable link between the various pipes and threads. Fittings must comply with a wide range of configurations and dimensions. They must also be compact and suitable for existing installations.

Sainte-Lizaigne offers a **comprehensive range of fittings, from conventional to highly modular**, to provide watertight connections.



The connection ensures the link between the house connection and the metering environment.

It comprises all of the components needed to connect the pipework and ensure a watertight seal between the various pipes and threads.

MULTIPLE CONFIGURATIONS

Various **models** - straight, elbow, tees, combined elbow, etc.

See the range of **PRIZDO** fittings on p.204



ADAPTABLE & MODULAR

- A **universal range** for all house connection pipes

- **Gas thread technology** to ensure compatibility with all materials

See the range of **U-CAN** fittings on p.192



Fittings

U-CAN -
Fittings

Technical information and
Corresponding guide for
the U-CAN range - see p.516

Gas thread / Inches cross-reference table

Gas thread	15/21	20/27	26/34	33/42	40/49	50/60	66/76
Inches	G 1/2"	G 3/4"	G 1"	G 1"1/4	G 1"1/2	G 2"	G 2"2/2

U-CAN range
of fittings

U-CAN fittings for PE/
PVC pipes - U-CAN
threaded tapped fittings

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PRIZDO
range of
fittings

PRIZDO fittings for
HDPE/PVC pipes -
PRIZDO fittings for
HDPE/PVC pipes,
iron series - PRIZDO
fittings for PE pipes to
other pipes - PRIZDO
threaded fittings
with internal threads,
specially designed for
water supply - PRIZDO
screw-on fittings

Page

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- Fittings for PE/PVC pipes
- Any installation configuration:
straight, elbow, joiners, tee models, etc.
- Modular approach on the construction site:
gas threaded inlet/outlet
- Range available in various materials:
dezincification-resistant brass, advanced syn-
thetic or mixed materials



- Fittings for PE/PVC pipes
- Any installation configuration:
straight, elbow, joiners, tee models, etc.
- Standard connection applications

Electrofusion
fittings

Electrofusion fittings -
Transition fittings -
Smooth-end fittings
- Electrofusion house
connection clamps -
Electrofusion house
connection kits - Electrofusion
saddles - POLYWATER valves
- Welding machines - Tools

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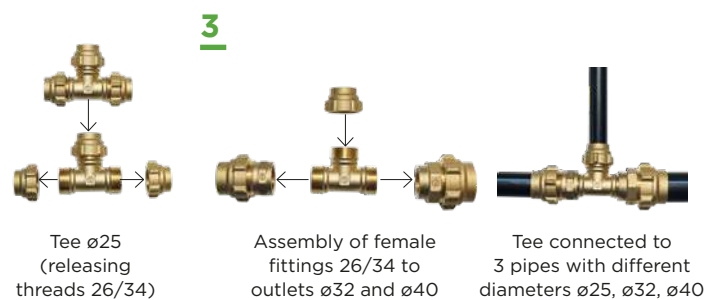
U-CAN

Fittings for PE/PVC pipes

U-CAN YELLOW range in dezincification-resistant brass

U-CAN COMPOSITE range in synthetic materials

U-CAN MIX range in mixed materials



1 Complete range

- Straight fitting, tee, joiner, coupling, elbow
- Outlet for PE and PVC pipes, threaded, tapped, captive nut
- From Ø 20 to Ø 63

2 Unique gas thread technology

Compatibility with the entire range of Sainte-Lizaigne valves and fittings, and with all gas thread products.

3 Connection platform

With U-CAN (gas thread) technology, fitting inlets and outlets can be easily adapted to the field environment: reduced outlets, enlarged outlets, change of direction.

EASIER INSTALLATION AND MAINTENANCE

A **simple** and **adjustable universal range**

MODULAR APPROACH ON THE CONSTRUCTION SITE

All PE/PVC/Excel+ house connection **pipes U-CAN technology** with ISO 228 gas threads

RELIABLE ASSEMBLY

Proven technology on all

Sainte-Lizaigne fittings

Water sealing is achieved using a large diameter O ring

Technical information and Cross-reference guide for the U-CAN range - see p.516

Gas thread / Inches cross-reference table

Gas thread	15/21	20/27	26/34	33/42	40/49	50/60	66/76
Inches	G 1/2"	G 3/4"	G 1"	G 1 1/4"	G 1 1/2"	G 2"	G 2 1/2"

**More than
13,500,000**
installations fitted



Check out the **installation tutorial** on our channel



U-CAN fittings for PE/PVC pipes

U-CAN YELLOW range / U-CAN technology / DZR brass

UL RM

Male fitting



Ext. pipe ø	Thread	Pack of	CLS ref.	Price in € excl. tax
20	12/17	30	UL RM 2012	
20	15/21	30	UL RM 2015	
20	20/27	30	UL RM 2020	
20	26/34	-	-	
20	33/42	-	-	
25	15/21	20	UL RM 2515	
25	20/27	20	UL RM 2520	
25	26/34	20	UL RM 2526	
25	33/42	12	UL RM 2533	
25	40/49	-	-	
25	50/60	-	-	
32	20/27	12	UL RM 3220	
32	26/34	12	UL RM 3226	
32	33/42	12	UL RM 3233	
32	40/49	12	UL RM 3240	
32	50/60	-	-	
40	26/34	8	UL RM 4026	
40	33/42	8	UL RM 4033	
40	40/49	8	UL RM 4040	
40	50/60	6	UL RM 4050	
40	66/76	-	-	
50	26/34	6	UL RM 5026	
50	33/42	6	UL RM 5033	
50	40/49	6	UL RM 5040	
50	50/60	6	UL RM 5050	
50	66/76	-	-	
63	40/49	3	UL RM 6340	
63	50/60	3	UL RM 6350	
63	66/76	2	UL RM 6366	

UL RF

Female fitting



Ext. pipe ø	Tapping	Pack of	CLS ref.	Price in € excl. tax
20	12/17	30	UL RF 2012	
20	15/21	30	UL RF 2015	
20	20/27	30	UL RF 2020	
20	26/34	25	UL RF 2026	
20	33/42	15	UL RF 2033	
25	15/21	20	UL RF 2515	
25	20/27	20	UL RF 2520	
25	26/34	20	UL RF 2526	
25	33/42	15	UL RF 2533	
25	40/49	10	UL RF 2540	
25	50/60	8	UL RF 2550	
32	15/21	-	-	
32	20/27	12	UL RF 3220	
32	26/34	12	UL RF 3226	
32	33/42	10	UL RF 3233	
32	40/49	10	UL RF 3240	
32	50/60	8	UL RF 3250	
40	15/21	-	-	
40	20/27	8	UL RF 4020	
40	26/34	8	UL RF 4026	
40	33/42	8	UL RF 4033	
40	40/49	8	UL RF 4040	
40	50/60	8	UL RF 4050	
40	66/76	5	UL RF 4066	
50	20/27	-	-	
50	26/34	4	UL RF 5026	
50	33/42	4	UL RF 5033	
50	40/49	6	UL RF 5040	
50	50/60	6	UL RF 5050	
50	66/76	5	UL RF 5066	
63	50/60	3	UL RF 6350	
63	66/76	3	UL RF 6366	

The fittings connect the different pipes and threads whilst ensuring a watertight seal. The U-CAN range of fittings comprises various models (straight fitting, elbow, male, female, combined elbow, tee, joiner, etc.) for plastic (PE, PVC) pipes 20 to 63 ø and available in various materials.

U-CAN fittings for PE/PVC pipes

U-CAN YELLOW range / U-CAN technology / DZR brass

UL REP

Fitting with captive nut



Ext. pipe ø	Nut tapping	Pack of	CLS ref.	Price in € excl. tax
20	20/27	15	UL REP 2020	
25	20/27	15	UL REP 2520	
25	26/34	10	UL REP 2526	
32	20/27	10	UL REP 3220	
32	26/34	10	UL REP 3226	
32	33/42	10	UL REP 3233*	
40	40/49	6	UL REP 4040	
50	50/60	4	UL REP 5050	

UL JE

Equal short joiner



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
20	20	UL JE 20	
25	15	UL JE 25	
32	10	UL JE 32	
40	4	UL JE 40	
50	3	UL JE 50	
63	2	UL JE 63	

CONSERVING RESOURCES

The fittings connect the different pipes and threads on the installations. The choice of high-quality, easy to install, modular products contributes to the reliability of the connections and the service life of the drinking water network.

UL M

Equal long repairing coupling



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
20	20	UL M 20	
25	10	UL M 25	
25	10	extra-long UL M 25L	
32	5	UL M 32	
40	3	UL M 40	
50	2	UL M 50	
63	1	UL M 63	

UL JD

Combined joiner



Ext. pipe ø	Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	20	20	UL JD 2520	
32	20	10	UL JD 3220	
32	25	10	UL JD 3225	
40	25	4	UL JD 4025	
40	32	4	UL JD 4032	
50	25	4	UL JD 5025	
50	32	4	UL JD 5032	
50	40	4	UL JD 5040	
63	40	2	UL JD 6340	
63	50	2	UL JD 6350	

U-CAN fittings for PE/PVC pipes

U-CAN YELLOW range / U-CAN technology / DZR brass

UL CE

Equal elbow



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
20	15	UL CE 20	
25	10	UL CE 25	
32	5	UL CE 32	
40	3	UL CE 40	
50	2	UL CE 50	
63	1	UL CE 63	

UL CD

Combined elbow



Ext. pipe ø	Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	20	20	UL CD 2520	
32	20	5	UL CD 3220	
32	25	5	UL CD 3225	
40	25	4	UL CD 4025	
40	32	4	UL CD 4032	
50	40	-	UL CD 5040	

UL CEP

Elbow with captive nut



Ext. pipe ø	Nut tapping	Pack of	CLS ref.	Price in € excl. tax
20	20/27	10	UL CEP 2020	
25	20/27	10	UL CEP 2520	
25	26/34	8	UL CEP 2526	
32	20/27	4	UL CEP 3220	
32	26/34	4	UL CEP 3226	
40	26/34	2	UL CEP 4026	
40	40/49	2	UL CEP 4040	
50	40/49	2	UL CEP 5040	
50	50/60	2	UL CEP 5050	

UL CM

Male elbow



Ext. pipe ø	Thread	Pack of	CLS ref.	Price in € excl. tax
20	15/21	25	UL CM 2015	
20	20/27	25	UL CM 2020	
20	26/34	-	UL CM 2026	
20	33/42	-	UL CM 2033	
25	15/21	15	UL CM 2515	
25	20/27	15	UL CM 2520	
25	26/34	10	UL CM 2526	
25	33/42	-	UL CM 2533	
25	40/49	-	UL CM 2540	
32	20/27	10	UL CM 3220	
32	26/34	10	UL CM 3226	
32	33/42	10	UL CM 3233	
32	40/49	-	UL CM 3240	
40	26/34	5	UL CM 4026	
40	33/42	5	UL CM 4033	
40	40/49	5	UL CM 4040	
40	50/60	-	UL CM 4050	
50	40/49	3	UL CM 5040	
50	50/60	2	UL CM 5050	
63	66/76	-	UL CM 6366	

Gas thread / Inches cross-reference table

Gas thread	Inches
15/21	G 1/2"
20/27	G 3/4"
26/34	G 1"
33/42	G 1"1/4
40/49	G 1"1/2
50/60	G 2"
66/76	G 2"2/2

U-CAN fittings for PE/PVC pipes

U-CAN YELLOW range / U-CAN technology / DZR brass

UL CF

Female elbow



Ext. pipe ø	Tapping	Pack of	CLS ref.	Price in € excl. tax
20	15/21	20	UL CF 2015	
20	20/27	15	UL CF 2020	
25	15/21	10	UL CF 2515	
25	20/27	10	UL CF 2520	
25	26/34	10	UL CF 2526	
32	20/27	8	UL CF 3220	
32	26/34	8	UL CF 3226	
40	26/34	4	UL CF 4026	
40	33/42	4	UL CF 4033	
50	33/42	3	UL CF 5033	
50	40/49	3	UL CF 5040	

UL TE

Equal Tee



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
20	10	UL TE 20	
25	8	UL TE 25	
32	5	UL TE 32	
40	2	UL TE 40	
50	1	UL TE 50	
63	1	UL TE 63	

• **Complete range** of fittings (couplings, joiners, male and female fittings, tees, elbows, etc.), which is suitable for all field configurations and available in various materials (DZR brass, advanced synthetic materials).

• **Based on gas thread technology**, it is compatible with the entire range of U-CAN valves and fittings, and with all gas thread products.

• **A universal platform** that brings a **modular approach to the construction site** and facilitates the laying and maintenance of installations.

UL C6

135° elbow



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	1	UL C6 25	
32	1	UL C6 32	
40	1	UL C6 40	
50	1	UL C6 50	
63	1	UL C6 63	

UL TR

Reduced Tee



Ext. pipe ø	Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	20	-	UL TR 2520	
32	20	-	-	
32	25	6	UL TR 3225	
40	20	2	UL TR 4020	
40	25	2	UL TR 4025	
40	32	2	UL TR 4032	
50	25	1	UL TR 5025	
50	32	1	UL TR 5032	
50	40	1	UL TR 5040	

U-CAN fittings for PE/PVC pipes

U-CAN YELLOW range / U-CAN technology / DZR brass

UL TM

Male tee



Ext. pipe ø	Thread	Pack of	CLS ref.	Price in € excl. tax
20	15/21	15	UL TM 2015	
20	20/27	-	-	
25	15/21	10	UL TM 2515	
25	20/27	10	UL TM 2520	
25	26/34	10	UL TM 2526	
32	26/34	5	UL TM 3226	
32	33/42	5	UL TM 3233	
40	20/27	3	UL TM 4020	
40	26/34	3	UL TM 4026	
40	33/42	3	UL TM 4033	
40	40/49	2	UL TM 4040	
50	20/27	-	-	
50	26/34	3	UL TM 5026	
50	40/49	2	UL TM 5040	
50	50/60	2	UL TM 5050	
63	66/76	-	-	

UL TF

Female Tee



Ext. pipe ø	Tapping	Pack of	CLS ref.	Price in € excl. tax
20	15/21	15	UL TF 2015	
25	15/21	10	UL TF 2515	
25	20/27	10	UL TF 2520	
32	20/27	5	UL TF 3220	
32	26/34	5	UL TF 3226	
40	20/27	3	UL TF 4020	
40	26/34	3	UL TF 4026	
40	33/42	3	UL TF 4033	
50	20/27	1	UL TF 5020	
50	26/34	1	UL TF 5026	
50	40/49	1	UL TF 5040	

UL ADR / UL RF

Reducing adaptor



In situ

Ext. pipe ø	Ext. pipe Ø	Pack of	CLS ref.	Price in € excl. tax
25	20	25	UL ADR 2520 / UL RF 2026	
32	20	15	UL ADR 3220 / UL RF 2033	
32	25	15	UL ADR 3225 / UL RF 2533	
40	25	10	UL ADR 4025 / UL RF 2540	
40	32	10	UL ADR 4032 / UL RF 3240	
50	25	8	UL ADR 5025 / UL RF 2550	
50	32	8	UL ADR 5032 / UL RF 3250	
50	40	8	UL ADR 5040 / UL RF 4050	
63	40	5	UL ADR 6340 / UL RF 4066	
63	50	5	UL ADR 6350 / UL RF 5066	

* Our UL ADR references correspond to the UL RF range.

- **Complete range** of fittings (couplings, joiners, male and female fittings, tees, elbows, etc.), which is suitable for all field configurations and available in various materials (DZR brass, advanced synthetic materials).
- **Based on gas thread technology**, it is compatible with the entire range of U-CAN valves and fittings, and with all gas thread products.
- **A universal platform** that brings a **modular approach to the construction site** and facilitates the laying and maintenance of installations.

U-CAN fittings for PE/PVC pipes

U-CAN COMPOSITE range / U-CAN technology / Synthetic material

US RM

Male fitting



Ext. pipe ø	Thread	Pack of	CLS ref.	Price in € excl. tax
25	20/27	20	US RM 2520	
25	26/34	20	US RM 2526	
25	33/42	20	US RM 2533	
32	26/34	16	US RM 3226	
32	33/42	8	US RM 3233	
50	33/42	-	US RM 5033	

US RF

Female fitting



Ext. pipe ø	Tapping	Pack of	CLS ref.	Price in € excl. tax
25	20/27	20	US RF 2520	
25	26/34	20	US RF 2526	
32	26/34	16	US RF 3226	
32	33/42	-	US RF 3233	
50	50/60	-	US RF 5050	

US M

Equal repairing coupling



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	10	US M 25	
32	10	US M 32	
50	-	US M 50	

Wrench

Description	Wrench for U-CAN COMPOSITE fittings
CLS ref.	CLE US
Price in € excl. tax	Price on request

US JE

Equal short joiner



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	15	US JE 25	
32	8	US JE 32	
50	-	US JE 50	

US JD

Combined joiner

Ext. pipe ø	Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
32	25	8	US JD 3225	
50	32	-	US JD 5032	

US CE

Equal elbow



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	10	US CE 25	

US CM

Male elbow



Ext. pipe ø	Thread	Pack of	CLS ref.	Price in € excl. tax
25	26/34	10	US CM 2526	

US TE

Equal Tee

Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	-	US TE 25	



U-CAN threaded and tapped fittings

UL range / Compatible with the range of U-CAN fittings / DZR brass

UL 946 MF

Nipple - Reducing gas-threaded / Male-Female



Male	Female	CLS ref.	Price in € excl. tax
20/27	12/17	UL 946 MF 2012	
20/27	15/21	UL 946 MF 2015	
20/27	20/27	UL 946 MF 2020	
20/27	26/34	UL 946 MF 2026	
20/27	33/42	UL 946 MF 2033	
26/34	15/21	UL 946 MF 2615	
26/34	20/27	UL 946 MF 2620	
26/34	26/34	UL 946 MF 2626	
26/34	33/42	UL 946 MF 2633	
26/34	40/49	UL 946 MF 2640	
26/34	50/60	UL 946 MF 2650	
33/42	15/21	UL 946 MF 3315	
33/42	20/27	UL 946 MF 3320	
33/42	26/34	UL 946 MF 3326	
33/42	33/42	UL 946 MF 3333	
33/42	40/49	UL 946 MF 3340	
33/42	50/60	UL 946 MF 3350	
40/49	15/21	UL 946 MF 4015	
40/49	20/27	UL 946 MF 4020	
40/49	26/34	UL 946 MF 4026	
40/49	33/42	UL 946 MF 4033	
40/49	40/49	UL 946 MF 4040	
40/49	50/60	UL 946 MF 4050	
40/49	66/76	UL 946 MF 4066	
50/60	20/27	UL 946 MF 5020	
50/60	26/34	UL 946 MF 5026	
50/60	33/42	UL 946 MF 5033	
50/60	40/49	UL 946 MF 5040	
50/60	50/60	UL 946 MF 5050	
50/60	66/76	UL 946 MF 5066	
66/76	50/60	UL 946 MF 6650	
66/76	66/76	UL 946 MF 6666	

The threaded and tapped fittings are all the adaptation components used to adjust an assembly to an existing installation. Sainte-Lizaigne has a complete and special range of water supply nipples with ISO 228 gas threads for sealing with a flat seal. Certain models are also compatible with U-CAN range of fittings.

UL 946 MM

Nipple - Reducing gas-threaded / Male-Male



Male	Male	CLS ref.	Price in € excl. tax
20/27	12/17	UL 946 MM 2012	
20/27	15/21	UL 946 MM 2015	
20/27	20/27	UL 946 MM 2020	
26/34	15/21	UL 946 MM 2615	
26/34	20/27	UL 946 MM 2620	
26/34	26/34	UL 946 MM 2626	
33/42	20/27	UL 946 MM 3320	
33/42	26/34	UL 946 MM 3326	
33/42	33/42	UL 946 MM 3333	
40/49	26/34	UL 946 MM 4026	
40/49	33/42	UL 946 MM 4033	
40/49	40/49	UL 946 MM 4040	
50/60	26/34	UL 946 MM 5026	
50/60	33/42	UL 946 MM 5033	
50/60	40/49	UL 946 MM 5040	
50/60	50/60	UL 946 MM 5050	
66/76	40/49	UL 946 MM 6640	
66/76	50/60	UL 946 MM 6650	
66/76	66/76	UL 946 MM 6666	



U-CAN threaded and tapped fittings

UL range / Compatible with the range of U-CAN fittings / DZR brass

UL 946 EP

Nipple / Male with captive nut



Male	Nut tapping	CLS ref.	Price in € excl. tax
20/27	20/27	UL 946 EP 2020	
26/34	20/27	UL 946 EP 2620	
26/34	26/34	UL 946 EP 2626	
33/42	20/27	UL 946 EP 3320	
33/42	26/34	UL 946 EP 3326	
40/49	40/49	UL 946 EP 4040	
50/60	50/60	UL 946 EP 5050	

UL 945 MM

Elbow with gas thread / Male-male



Male	Male	CLS ref.	Price in € excl. tax
20/27	15/21	UL 945 MM 2015	
20/27	20/27	UL 945 MM 2020	
26/34	15/21	UL 945 MM 2615	
26/34	20/27	UL 945 MM 2620	
26/34	26/34	UL 945 MM 2626	
33/42	20/27	UL 945 MM 3320	
33/42	26/34	UL 945 MM 3326	
33/42	33/42	UL 945 MM 3333	
40/49	26/34	UL 945 MM 4026	
40/49	33/42	UL 945 MM 4033	
40/49	40/49	UL 945 MM 4040	
50/60	40/49	UL 945 MM 5040	
50/60	50/60	UL 945 MM 5050	
66/76	66/76	UL 945 MM 6666	

UL 945 MF

Elbow with gas thread / Male-Female



Male	Female	CLS ref.	Price in € excl. tax
20/27	15/21	UL 945 MF 2015	
20/27	20/27	UL 945 MF 2020	
26/34	15/21	UL 945 MF 2615	
26/34	20/27	UL 945 MF 2620	
26/34	26/34	UL 945 MF 2626	
33/42	20/27	UL 945 MF 3320	
33/42	26/34	UL 945 MF 3326	
40/49	26/34	UL 945 MF 4026	
40/49	33/42	UL 945 MF 4033	
50/60	33/42	UL 945 MF 5033	
50/60	40/49	UL 945 MF 5040	

UL 945 EP

Elbow with gas thread / Male with captive nut



Male	Nut tapping	CLS ref.	Price in € excl. tax
20/27	20/27	UL 945 EP 2020	
26/34	20/27	UL 945 EP 2620	
26/34	26/34	UL 945 EP 2626	
33/42	20/27	UL 945 EP 3320	
33/42	26/34	UL 945 EP 3326	
40/49	26/34	UL 945 EP 4026	
40/49	40/49	UL 945 EP 4040	
50/60	40/49	UL 945 EP 5040	
50/60	50/60	UL 945 EP 5050	



U-CAN threaded and tapped fittings

UL range / Compatible with the range of U-CAN fittings / DZR brass



UL 944 MM

Tee with gas thread / Male-Male

Male	Male	CLS ref.	Price in € excl. tax
15/21	15/21	UL 944 MM 1515	
20/27	15/21	UL 944 MM 2015	
20/27	20/27	UL 944 MM 2020	
26/34	15/21	UL 944 MM 2615	
26/34	20/27	UL 944 MM 2620	
26/34	26/34	UL 944 MM 2626	
33/42	20/27	UL 944 MM 3320	
33/42	26/34	UL 944 MM 3326	
33/42	33/42	UL 944 MM 3333	
40/49	20/27	UL 944 MM 4020	
40/49	26/34	UL 944 MM 4026	
40/49	33/42	UL 944 MM 4033	
40/49	40/49	UL 944 MM 4040	
50/60	20/27	UL 944 MM 5020	
50/60	26/34	UL 944 MM 5026	
50/60	40/49	UL 944 MM 5040	
50/60	50/60	UL 944 MM 5050	
66/76	66/76	UL 944 MM 6666	



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- Torch

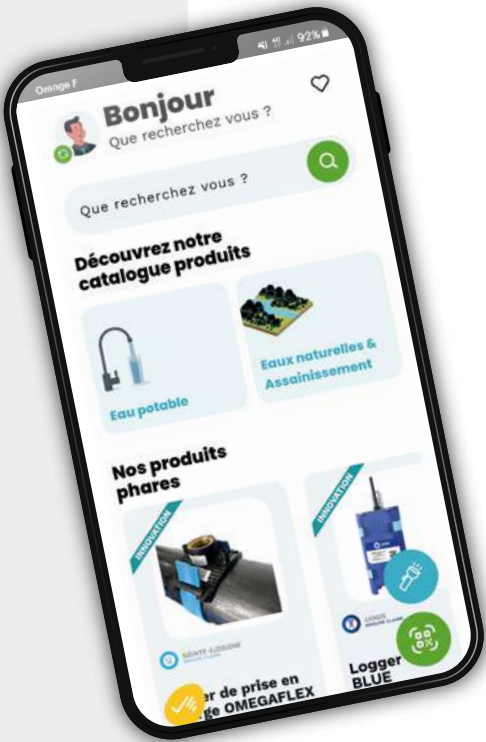


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PRIZDO

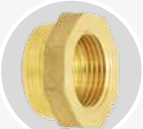
Fittings for PE/PVC pipes

PRIZDO range in DZR brass

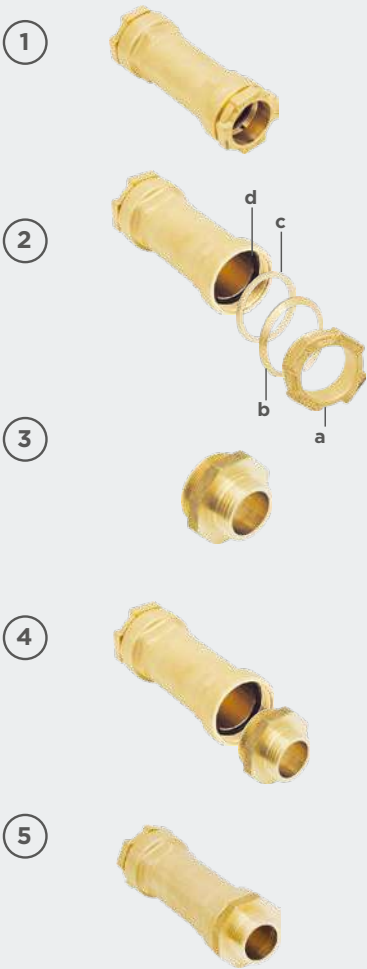


- 1 Complete range**
- Straight fitting, tee, joiner, coupling, elbow
 - Outlet for PE and PVC pipes, threaded, tapped, captive nut
 - From Ø 20 to Ø 63

- 2 A complete range of conversion parts and reduction kits** to adapt the functionality of fittings for HDPE and PVC pipes.

ETCLS REF.	AMP CLS REF.
Connect two ISO series parts of the same ND.	Convert an HDPE outlet into a conical outlet for lead - sealed with an O-ring.
	
ETF CLS REF.	DKIT CLS REF.
Convert an HDPE outlet into a female tapped gas outlet - sealed with an O-ring.	Reduce an HDPE outlet down to two smaller diameters.
	
ETM CLS REF.	O1B CLS REF.
Convert an HDPE outlet into a male threaded gas outlet - sealed with an O-ring.	Close one end of the fitting.
	

Example of mounting a conversion part on a D01R-32



- 1** - Take the D01R-32.
- 2** - Remove the compression nut a), the clamping ring b), the pressure ring c), and leave the O-ring d) inside.
- 3** - Take the ETM-3226.
- 4** - Position the ETM opposite the fitting on the side with the O-ring seal.
- 5** - Tighten fully to compress the seal.

This rule applies to:

- ISO-ISO conversion parts
- Male conversion parts
- Female conversion parts
- HDPE - Lead conversion parts
- HDPE-HDPE reducing kits

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

D01R

Repair fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 20	0.256	1	D01R-20	
25 x 25	0.445	1	D01R-25	
32 x 32	0.565	1	D01R-32	
40 x 40	0.900	1	D01R-40	
50 x 50	1.250	1	D01R-50	
63 x 63	1.700	1	D01R-63	

D01U

Joiner fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 20	0.15	1	D01U-20	
25 x 25	0.205	1	D01U-25	
32 x 32	0.32	1	D01U-32	
40 x 40	0.73	1	D01U-40	
50 x 50	1	1	D01U-50	
63 x 63	1.245	1	D01U-63	

D01RED

Reducer fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 20	0.22	1	D01RED-2520	
32 x 20	0.466	1	D01RED-3220	
32 x 25	0.35	1	D01RED-3225	
40 x 25	0.96	1	D01RED-4025	
40 x 32	0.75	1	D01RED-4032	
50 x 32	1.35	1	D01RED-5032	
50 x 40	1.1	1	D01RED-5040	
63 x 40	2.074	1	D01RED-6340	
63 x 50	1.35	1	D01RED-6350	

D01C

90° elbow



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 20	0.17	1	D01C-20	
25 x 25	0.345	1	D01C-25	
32 x 32	0.39	1	D01C-32	
40 x 40	0.76	1	D01C-40	
50 x 50	1.1	1	D01C-50	
63 x 63	1.85	1	D01C-63	

D01CF

Female elbow fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.15	1	D01CF-2015	
25 x 3/4	0.177	1	D01CF-2520	
25 x 1	0.2	1	D01CF-2526	
32 x 1	0.28	1	D01CF-3226	
40 x 1"1/4	0.495	1	D01CF-4033	
50 x 1"1/2	0.754	1	D01CF-5040	
63 x 2	1.1	1	D01CF-6350	

D01CM

Male elbow fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.13	1	D01CM-2015	
25 x 3/4	0.178	1	D01CM-2520	
25 x 1	0.337	1	D01CM-2526	
32 x 1	0.25	1	D01CM-3226	
40 x 1"1/4	0.51	1	D01CM-4033	
50 x 1"1/2	0.71	1	D01CM-5040	
63 x 2	1.05	1	D01CM-6350	

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

D01CEP

Elbow fitting with captive nut



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 3/4	0.280	1	D01CEP-2020	
25 x 3/4	0.220	1	D01CEP-2520	
25 x 1	0.340	1	D01CEP-2526	
32 x 3/4	0.436	1	D01CEP-3220	
32 x 1	0.470	1	D01CEP-3226	
32 x 1"1/4	0.410	1	D01CEP-3233	
40 x 1"1/2	0.900	1	D01CEP-4040	
50 x 1"1/2	0.950	1	D01CEP-5040	
50 x 2	1.250	1	D01CEP-5050	

D01CGR

135° elbow



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 25	0.35	1	D01CGR-25	
32 x 32	0.55	1	D01CGR-32	
40 x 40	0.9	1	D01CGR-40	
50 x 50	1.15	1	D01CGR-50	
63 x 63	1.7	1	D01CGR-63	

D01EP

Straight fitting with captive nut



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 3/4	0.160	1	D01EP-2020	
25 x 3/4	0.250	1	D01EP-2520	
25 x 1	0.240	1	D01EP-2526	
32 x 3/4	0.310	1	D01EP-3220	
32 x 1	0.310	1	D01EP-3226	
32 x 1"1/4	0.374	1	D01EP-3233	
40 x 1"1/2	0.650	1	D01EP-4040	
50 x 1"1/2	0.310	1	D01EP-5040	
50 x 2	0.410	1	D01EP-5050	
63 x 2	1.130	1	D01EP-6350	

D01F

Female fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.100	1	D01F-2015	
25 x 3/4	0.126	1	D01F-2520	
32 x 1	0.200	1	D01F-3226	
40 x 1"1/4	0.390	1	D01F-4033	
50 x 1"1/2	0.500	1	D01F-5040	
63 x 2	0.910	1	D01F-6350	

D01F

Reduced female fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 1/2	0.150	1	D01F-2515	
32 x 3/4	0.200	1	D01F-3220	
40 x 1	0.470	1	D01F-4026	
50 x 1"1/4	0.450	1	D01F-5033	

D01F

Increased female fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 3/4	0.150	1	D01F-2020	
25 x 1	0.240	1	D01F-2526	
32 x 1"1/4	0.230	1	D01F-3233	
40 x 1"1/2	0.510	1	D01F-4040	
50 x 2	0.690	1	D01F-5050	

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

D01M

Male fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.100	1	D01M-2015	
25 x 3/4	0.125	1	D01M-2520	
32 x 1	0.210	1	D01M-3226	
40 x 1"1/4	0.395	1	D01M-4033	
50 x 1"1/2	0.455	1	D01M-5040	
63 x 2	0.665	1	D01M-6350	

D01T

Equal tee fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 20 x 20	0.235	1	D01T-20	
25 x 25 x 25	0.400	1	D01T-25	
32 x 32 x 32	0.530	1	D01T-32	
40 x 40 x 40	1.065	1	D01T-40	
50 x 50 x 50	1.600	1	D01T-50	
63 x 63 x 63	2.055	1	D01T-63	

D01M

Reduced male fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 1/2	0.150	1	D01M-2515	
32 x 3/4	0.190	1	D01M-3220	
40 x 1	0.380	1	D01M-4026	
50 x 1"1/4	0.455	1	D01M-5033	

D01TF

Female tee fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.185	1	D01TF-2015	
25 x 3/4	0.310	1	D01TF-2520	
32 x 3/4	0.370	1	D01TF-3220	
32 x 1	0.410	1	D01TF-3226	
40 x 1"1/4	0.810	1	D01TF-4033	
50 x 1"1/2	1.110	1	D01TF-5040	

D01M

Increased male fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 3/4	0.150	1	D01M-2020	
25 x 1	0.221	1	D01M-2526	
25 x PB	0.150	1	D01M-25PB	
32 x 1"1/4	0.240	1	D01M-3233	
32 x PB	0.350	1	D01M-32PB	
40 x 1"1/2	0.440	1	D01M-4040	
50 x 2	0.605	1	D01M-5050	

D01TM

Male tee fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.185	1	D01TM-2015	
25 x 3/4	0.310	1	D01TM-2520	
32 x 3/4	0.370	1	D01TM-3220	
32 x 1	0.410	1	D01TM-3226	
40 x 1"1/4	0.810	1	D01TM-4033	
50 x 1"1/2	1.110	1	D01TM-5040	

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

D01T

Reduced tee fitting with reducer kit



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 20	0.456	1	D01T-2520	
32 x 20	0.821	1	D01T-3220	
32 x 25	0.705	1	D01T-3225	
40 x 25	1.36	1	D01T-4025	
40 x 32	1.276	1	D01T-4032	
50 x 32	2.008	1	D01T-5032	
50 x 40	1.87	1	D01T-5040	
63 x 40	2.824	1	D01T-6340	
63 x 50	2.627	1	D01T-6350	

D01A

Wall-mounted



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1	0.171	1	D01A-20	
25 x 3/4	0.245	1	D01A-25	

DKIT

Reducer kit



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 20	0.115	1	DKIT-2520	
32 x 25	0.180	1	DKIT-3225	
40 x 25	0.320	1	DKIT-4025	
40 x 32	0.305	1	DKIT-4032	
50 x 32	0.515	1	DKIT-5032	
50 x 40	0.515	1	DKIT-5040	
63 x 40	0.974	1	DKIT-6340	
63 x 50	0.765	1	DKIT-6350	

O1B

Cap



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.039	1	O1B-20	
25	0.047	1	O1B-25	
32	0.062	1	O1B-32	
40	0.071	1	O1B-40	
50	0.110	1	O1B-50	
63	0.182	1	O1B-63	

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

ET

Conversion part



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 25	0.160	1	ET-25	
32 x 32	0.078	1	ET-32	
50 x 50	0.078	1	ET-50	

ETM

Male conversion part



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.086	1	ETM-2015	
20 x 3/4	0.080	1	ETM-2020	
25 x 1/2	0.115	1	ETM-2515	
25 x 3/4	0.126	1	ETM-2520	
25 x 1	0.100	1	ETM-2526	
32 x 3/4	0.200	1	ETM-3220	
32 x 1	0.190	1	ETM-3226	
32 x 1"1/4	0.173	1	ETM-3233	
40 x 3/4	0.335	1	ETM-4020	
40 x 1	0.333	1	ETM-4026	
40 x 1"1/4	0.310	1	ETM-4033	
40 x 1"1/2	0.230	1	ETM-4040	
50 x 3/4	0.490	1	ETM-5020	
50 x 1	0.485	1	ETM-5026	
50 x 1"1/4	0.465	1	ETM-5033	
50 x 1"1/2	0.390	1	ETM-5040	
50 x 2	0.320	1	ETM-5050	
63 x 1"1/2	0.715	1	ETM-6340	
63 x 2	0.677	1	ETM-6350	

ETF

Female conversion part



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2	0.067	1	ETF-2015	
20 x 3/4	0.067	1	ETF-2020	
25 x 1/2	0.100	1	ETF-2515	
25 x 3/4	0.078	1	ETF-2520	
25 x 1	0.082	1	ETF-2526	
32 x 3/4	0.163	1	ETF-3220	
32 x 1	0.128	1	ETF-3226	
32 x 1"1/4	0.140	1	ETF-3233	
40 x 3/4	0.310	1	ETF-4020	
40 x 1	0.267	1	ETF-4026	
40 x 1"1/4	0.190	1	ETF-4033	
40 x 1"1/2	0.170	1	ETF-4040	
50 x 3/4	0.460	1	ETF-5020	
50 x 1	0.422	1	ETF-5026	
50 x 1"1/4	0.350	1	ETF-5033	
50 x 1"1/2	0.283	1	ETF-5040	
50 x 2	0.270	1	ETF-5050	
60 x 1"1/2	0.650	1	ETF-6340	
63 x 2	0.490	1	ETF-6350	

AMP

Male adapter for lead with tapered thread



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 15-22	0.180	1	AMP-25	
32 x 23-30	0.260	1	AMP-32	

CS

Clamp



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
22-29	0.035	1	CS-2229	
28-34	0.130	1	CS-2834	
32-40	0.185	1	CS-3240	

PRIZDO fittings for HDPE/PVC PIPE

PRIZDO range ISO series / External clamping / DZR brass

KER

Sealing kit



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20		1	KER-20	
25		1	KER-25	
32		1	KER-32	
40		1	KER-40	
50		1	KER-50	
63		1	KER-63	

ER

Nut



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20		1	ER-20	
25		1	ER-25	
32		1	ER-32	
40		1	ER-40	
50		1	ER-50	
63		1	ER-63	

BCR

Clamping ring



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20		1	BCR-20	
25		1	BCR-25	
32		1	BCR-32	
40		1	BCR-40	
50		1	BCR-50	
63		1	BCR-63	

BPR

Pressure ring



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20		1	BPR-20	
25		1	BPR-25	
32		1	BPR-32	
40		1	BPR-40	
50		1	BPR-50	
63		1	BPR-63	

SEAL

Seal



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20		1	JOINT-20	
25		1	JOINT-25	
32		1	JOINT-32	
40		1	JOINT-40	
50		1	JOINT-50	
63		1	JOINT-63	

PRIZDO fittings for HDPE/PVC PIPE Iron series

PRIZDO range ISO x Iron series / With external clamping / DZR brass

D01UF

Joiner fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3 x 25	0.211	1	D01UF-2125	
26.9 x 25	0.205	1	D01UF-2725	
32 x 33.7	0.425	1	D01UF-3432	
40 x 42	0.960	1	D01UF-4042	
50 x 49	1.087	1	D01UF-5049	
60 x 63	1.662	1	D01UF-6063	

D01RF

Repair fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
26.9 x 25	0.323	1	D01RF-2725	
33.7 x 32	0.447	1	D01RF-3432	
42.4 x 40	0.747	1	D01RF-4240	
48.9 x 50	1.100	1	D01RF-4950	

KIF

Reducer kit



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 27	0.200	1	KIF-2527	
32 x 34	0.200	1	KIF-3234	
40 x 42	0.400	1	KIF-4042	
50 x 49	0.240	1	KIF-5049	
63 x 60	0.390	1	KIF-6360	

PRIZDO range Iron series / With external clamping / DZR brass

02U

Joiner fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3	0.155	1	02U-21	
26.9	0.205	1	02U-27	
33.7	0.320	1	02U-34	
42.4	0.730	1	02U-42	
48.3	1.140	1	02U-49	
60.3	1.300	1	02U-60	

02R

Repair fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
26.9	0.375	1	02R-27	
33.7	0.665	1	02R-34	
42.4	0.850	1	02R-42	
48.3	1.150	1	02R-49	

02T

Equal tee fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3	0.300	1	02T-21	
26.9	0.400	1	02T-27	
33.7	0.525	1	02T-34	

PRIZDO fittings for HDPE/PVC PIPE Iron series

PRIZDO range Iron series / With external clamping / DZR brass

02C

Equal elbow fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3	0.170	1	02C-21	
26.9	0.345	1	02C-27	
33.7	0.390	1	02C-34	

02M

Straight male fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3 x 1/2	0.100	1	02M-2115	
26.9 x 3/4	0.125	1	02M-2720	
33.7 x 1	0.210	1	02M-3426	
42.4 x 1"1/4	0.405	1	02M-4233	
48.3 x 1"1/2	0.480	1	02M-4940	
60.3 x 2	0.665	1	02M-6050	

CLE

Flare spanner for PE



Pack of	ADG ref.	Price in € excl. tax
1	CLE-25	
1	CLE-32	
1	CLE-40	
1	CLE-50	

02EP

Straight fitting with captive nut



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
26.9 x 3/4	0.250	1	02EP-2720	
26.9 x 1	0.260	1	02EP-2726	

02F

Female straight fitting



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21.3 x 1/2	0.100	1	02F-2115	
26.9 x 3/4	0.125	1	02F-2720	
33.7 x 1	0.210	1	02F-3426	
42.4 x 1"1/4	0.405	1	02F-4233	
48.3 x 1"1/2	0.480	1	02F-4940	
60.3 x 2	0.665	1	02F-6050	

CM

Handle for wrench



Pack of	ADG ref.	Price in € excl. tax
1	CM	



PRIZDO fittings for PE pipes to other pipes

For polyethylene pipe to Lead / Iron / Copper / Galva / PVC / PP / Specially for renovation

228 P
Joiner



Ext. ø PE pipe	Ext. ø miscellaneous pipes	Pack of	CLS ref.	Price in € excl. tax
20	15 - 21	-	228 P2015	
20	21 - 27	-	228 P2021	
20	27 - 35	-	228 P2027	
25	15 - 21	-	228 P2515	
25	21 - 27	-	228 P2521	
25	27 - 35	-	228 P2527	
32	21 - 27	-	228P3221	
32	27 - 35	-	228 P3227	

228 CD
Elbow

Ext. ø PE pipe	Ext. ø miscellaneous pipes	Pack of	CLS ref.	Price in € excl. tax
25	15 - 21	-	228 CD2515	
25	21 - 27	-	228 CD2521	

Fittings accessories

VIR EX

Ferrule for EXCEL+ pipe / Brass



Ext. pipe ø	Pack of	CLS ref.	Price in € excl. tax
25	40	VIR EX25	
32	30	VIR EX32	



PRIZDO threaded and tapped fittings - specially for water supply

Special water supply series / Brass / References beginning with UL: threaded-tapped fittings compatible with the U-CAN fittings range

946 MM

Nipple - Reducing gas-threaded /
Male-Male



Male	Male	CLS ref.	Price in € excl. tax
12/17	08/13	946 MM 1208	
12/17	12/17	946 MM 1212	
15/21	08/13	946 MM 1508	
15/21	12/17	946 MM 1512	
15/21	15/21	946 MM 1515	
20/27	12/17	UL 946 MM 2012	
20/27	15/21	UL 946 MM 2015	
20/27	20/27	946 MM 2020	
20/27	20/27	UL 946 MM 2020	
26/34	15/21	UL 946 MM 2615	
26/34	20/27	UL 946 MM 2620	
26/34	26/34	UL 946 MM 2626	
33/42	20/27	UL 946 MM 3320	
33/42	26/34	UL 946 MM 3326	
33/42	33/42	UL 946 MM 3333	
40/49	20/27	946 MM 4020	
40/49	26/34	UL 946 MM 4026	
40/49	33/42	UL 946 MM 4033	
40/49	40/49	UL 946 MM 4040	
50/60	26/34	UL 946 MM 5026	
50/60	33/42	UL 946 MM 5033	
50/60	40/49	UL 946 MM 5040	
50/60	50/60	UL 946 MM 5050	
66/76	40/49	UL 946 MM 6640	
66/76	50/60	UL 946 MM 6650	
66/76	66/76	UL 946 MM 6666	

946 MF

Nipple - Reducing gas-threaded /
Male-Female



Male	Female	CLS ref.	Price in € excl. tax
12/17	8/13	946 MF 1208	
12/17	12/17	946 MF 1212	
12/17	15/21	946 MF 1215	
12/17	20/27	946 MF 1220	
15/21	8/13	946 MF 1508	
15/21	12/17	946 MF 1512	
15/21	15/21	946 MF 1515	
15/21	20/27	946 MF 1520	
15/21	26/34	946 MF 1526	
20/27	12/17	UL 946 MF 2012	
20/27	15/21	UL 946 MF 2015	
20/27	20/27	UL 946 MF 2020	
20/27	26/34	UL 946 MF 2026	
20/27	33/42	UL 946 MF 2033	
22 x 180	20/27	946 MF 2220A	
26/34	12/17	946 MF 2612	
26/34	15/21	UL 946 MF 2615	
26/34	20/27	946 MF 2620	
26/34	20/27	UL 946 MF 2620	
26/34	26/34	UL 946 MF 2626	
26/34	33/42	UL 946 MF 2633	
26/34	40/49	UL 946 MF 2640	
26/34	50/60	UL 946 MF 2650	
33/42	15/21	UL 946 MF 3315	
33 x 180	20/27	946 MF 3320A	
33/42	20/27	UL 946 MF 3320	
33 x 180	26/34	946 MF 3326A	
33/42	26/34	UL 946 MF 3326	
33/42	12/17	946 MF 3312	
33/42	33/42	UL 946 MF 3333	
33/42	40/49	UL 946 MF 3340	
33/42	50/60	UL 946 MF 3350	



PRIZDO threaded and tapped fittings - specially for water supply

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946 MF
Nipple - Reducing gas-threaded / Male-Female



Male	Female	CLS ref.	Price in € excl. tax
40/49	15/21	UL 946 MF 4015	
40/49	20/27	UL 946 MF 4020	
40/49	26/34	UL 946 MF 4026	
40/49	33/42	UL 946 MF 4033	
40/49	40/49	UL 946 MF 4040	
40/49	50/60	UL 946 MF 4050	
40/49	66/76	UL 946 MF 4066	
50/60	15/21	946 MF 5015	
50/60	20/27	UL 946 MF 5020	
50/60	26/34	UL 946 MF 5026	
50/60	33/42	UL 946 MF 5033	
50/60	40/49	UL 946 MF 5040	
50/60	50/60	UL 946 MF 5050	
50/60	66/76	UL 946 MF 5066	
66/76	50/60	UL 946 MF 6650	
66/76	66/76	UL 946 MF 6666	
40 x 300	15/21	946 MF X15	
40 x 300	20/27	946 MF X20	
40 x 300	26/34	946 MF X26	
40 x 300	33/42	946 MF X33	
55 x 300	20/27	946 MF Y20	
55 x 300	26/34	946 MF Y26	
55 x 300	33/42	946 MF Y33	
55 x 300	40/49	946 MF Y40	
55 x 300	50/60	946 MF Y50	
55 x 300	40 x 300	946 MF YX	
40 x 300	40 x 300	946 MF XX	
55 x 300	55 x 300	946 MF YY	

946 FF
Nipple - Reducing gas-threaded / Female-Female



Female	Female	CLS ref.	Price in € excl. tax
12/17	12/17	946 FF 1212	
15/21	15/21	946 FF 1515	
20/27	15/21	946 FF 2015	
20/27	20/27	946 FF 2020	
26/34	26/34	946 FF 2626	
26/34	33/42	S946 FF 2633*	
33/42	33/42	946 FF 3333	
40/49	40/49	946 FF 4040	
50/60	50/60	946 FF 5050	

* Leak-proof thread

944
Tee with gas threading / Female-Female



Female	CLS ref.	Price in € excl. tax
12/17	944 F 12	
15/21	944 F 15	
20/27	944 F 20	
26/34	944 F 26	
33/42	944 F 33	
40/49	944 F 40	
50/60	944 F 50	

* Leak-proof thread



PRIZDO threaded and tapped fittings - specially for water supply

Special water supply series / Brass / References beginning with UL: threaded-tapped fittings compatible with the U-CAN fittings range

944
Tee with gas thread / Male-Male



Male	Male	CLS ref.	Price in € excl. tax
15/21	15/21	UL 944 MM 1515	
20/27	20/27	944 M 20	
20/27	15/21	UL 944 MM 2015	
20/27	20/27	UL 944 MM 2020	
26/34	26/34	944 M 26	
26/34	15/21	UL 944 MM 2615	
26/34	20/27	UL 944 MM 2620	
26/34	26/34	UL 944 MM 2626	
33/42	33/42	944 M 33	
33/42	20/27	UL 944 MM 3320	
33/42	26/34	UL 944 MM 3326	
33/42	33/42	UL 944 MM 3333	
40/49	20/27	UL 944 MM 4020	
40/49	26/34	UL 944 MM 4026	
40/49	33/42	UL 944 MM 4033	
40/49	40/49	UL 944 MM 4040	
50/60	20/27	UL 944 MM 5020	
50/60	26/34	UL 944 MM 5026	
50/60	40/49	UL 944 MM 5040	
50/60	50/60	UL 944 MM 5050	
66/76	66/76	UL 944 MM 6666	

945
Elbow with gas thread / Male-Female



Male	Female	CLS ref.	Price in € excl. tax
20/27	15/21	UL 945 MF 2015	
20/27	20/27	945 MF 2020	
20/27	20/27	UL 945 MF 2020	
26/34	15/21	UL 945 MF 2615	
26/34	20/27	UL 945 MF 2620	
26/34	26/34	945 MF 2626	
26/34	26/34	UL 945 MF 2626	
33/42	20/27	UL 945 MF 3320	
33/42	26/34	UL 945 MF 3326	
33/42	33/42	945 MF 3333	
40/49	40/49	945 MF 4040	
40/49	26/34	UL 945 MF 4026	
40/49	33/42	UL 945 MF 4033	
50/60	33/42	UL 945 MF 5033	
50/60	40/49	UL 945 MF 5040	
50/60	50/60	945 MF 5050	

945
Elbow with gas thread / Female-Female



Female	Female	CLS ref.	Price in € excl. tax
12/17	12/17	945 FF 1212	
15/21	15/21	945 FF 1515	
20/27	20/27	945 FF 2020	
26/34	26/34	945 FF 2626	
33/42	33/42	945 FF 3333	
40/49	40/49	945 FF 4040	
50/60	50/60	945 FF 5050	

PRIZDO threaded and tapped fittings - specially for water supply

Special water supply series / Brass / References beginning with UL: threaded-tapped fittings compatible with the U-CAN fittings range

945

Elbow with gas thread /
Male-male



Male	Male	CLS ref.	Price in € excl. tax
20/27	15/21	UL 945 MM 2015	
20/27	20/27	UL 945 MM 2020	
26/34	15/21	UL 945 MM 2615	
26/34	20/27	UL 945 MM 2620	
26/34	26/34	945 MM 2626	
26/34	26/34	UL 945 MM 2626	
33/42	20/27	UL 945 MM 3320	
33/42	26/34	UL 945 MM 3326	
33/42	33/42	UL 945 MM 3333	
40/49	26/34	UL 945 MM 4026	
40/49	33/42	UL 945 MM 4033	
40/49	40/49	UL 945 MM 4040	
50/60	40/49	UL 945 MM 5040	
50/60	50/60	UL 945 MM 5050	
66/76	66/76	UL 945 MM 6666	

BOU 760

Male cap / Brass



Male	CLS ref.	Price in € excl. tax
8/13	BOU 760 M 08	
12/17	BOU 760 M 12	
15/21	BOU 760 M 15	
20/27	BOU 760 M 20	
26/34	BOU 760 M 26	
33/42	BOU 760 M 33	
40/49	BOU 760 M 40	
50/60	BOU 760 M 50	
40 x 300	BOU 760 M X	
55 x 300	BOU 760 M Y	

Female cap / Brass

Female	CLS ref.	Price in € excl. tax
15/21	S BOU 760 F 15	
20/27	S BOU 760 F 20	
26/34	S BOU 760 F 26	
33/42	S BOU 760 F 33	
40/49	S BOU 760 F 40	
50/60	S BOU 760 F 50	

PRIZDO screw-on fittings

Brass



RFP

Reduced male-female reducer with sealing surface

Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/8 x 1/4	0.010	10	RFP-128	
1/2 x 3/8	0.020	10	RFP-1512	
3/4 x 1/2	0.035	10	RFP-2015	
1 x 1/2	0.095	10	RFP-2615	
1 x 3/4	0.065	10	RFP-2620	
1"1/4 x 1/2	0.200	5	RFP-3315	
1"1/4 x 3/4	0.165	5	RFP-3320	
1"1/4 x 1	0.120	5	RFP-3326	
1"1/2 x 1/2	0.300	5	RFP-4015	
1"1/2 x 3/4	0.270	5	RFP-4020	
1"1/2 x 1	0.220	5	RFP-4026	
1"1/2 x 1"1/4	0.135	5	RFP-4033	
2 x 1/2	0.545	1	RFP-5015	
2 x 3/4	0.525	1	RFP-5020	
2 x 1	0.470	1	RFP-5026	
2 x 1"1/4	0.380	1	RFP-5033	
2 x 1"1/2	0.310	1	RFP-5040	
40/300 x 1/2	0.260	1	RFP-PB15	
40/300 x 3/4	0.210	1	RFP-PB20	
40/300 x 1	0.190	1	RFP-PB26	
55/300 x 1	0.480	1	RFP-GB26	
55/300 x 40/300	0.500	1	RFP-GB/PB	
55/300 x 1"1/2	0.360	1	RFP-GB40	

241L

Reduced male-female reducer



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4 x 1/8	0.004	10	241L-85	
3/8 x 1/8	0.007	10	241L-125	
3/8 x 1/4	0.007	10	241L-128	
1/2 x 1/8	0.012	10	241L-155	
1/2 x 1/4	0.021	10	241L-158	
1/2 x 3/8	0.012	10	241L-1512	
3/4 x 1/4	0.040	10	241L-208	
3/4 x 3/8	0.035	10	241L-2012	
3/4 x 1/2	0.023	10	241L-2015	
1 x 3/8	0.072	10	241L-2612	
1 x 1/2	0.072	10	241L-2615	
1 x 3/4	0.040	10	241L-2620	
1"1/4 x 1/2	0.120	5	241L-3315	
1"1/4 x 3/4	0.127	5	241L-3320	
1"1/4 x 1	0.080	5	241L-3326	
1"1/2 x 1/2	0.290	5	241L-4015	
1"1/2 x 3/4	0.195	5	241L-4020	
1"1/2 x 1	0.135	5	241L-4026	
1"1/2 x 1"1/4	0.087	5	241L-4033	
2 x 1/2	0.433	1	241L-5015	
2 x 3/4	0.395	1	241L-5020	
2 x 1	0.350	1	241L-5026	
2 x 1"1/4	0.256	1	241L-5033	
2 x 1"1/2	0.220	1	241L-5040	
2"2/2 x 2	0.450	1	241L-6650	
55/300 x 3/4	0.440	1	241L-GB20	
55/300 x 1"1/4	0.415	1	241L-GB33	
55/300 x 2	0.380	1	241L-GB50	

Thread cross-reference table

Gas thread	5 x 10	8 x 13	12 x 17	15 x 21	20 x 27	26 x 34	33 x 42	40 x 49	50 x 60	66 x 76	80 x 90	104 x 114
Inches	1/8	1/4	3/8	1/2	3/4	1	1"1/4	1"1/2	2	2"1/2	3	4

Small boss with metric thread: 40 x 300

Large boss with metric thread: 55 x 300

PRIZDO screw-on fittings

Brass

246LC

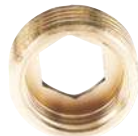
Reduced female-male nipple



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4 x 1/8	0.010	10	246LC-85	
1/4 x 3/8	0.016	10	246LC-128	
1/2 x 1/4	0.024	10	246LC-158	
1/2 x 3/8	0.030	10	246LC-1512	
3/4 x 3/8	0.043	10	246LC-2012	
3/4 x 1/2	0.045	10	246LC-2015	
1 x 1/2	0.070	10	246LC-2615	
1 x 3/4	0.049	10	246LC-2620	
1"1/4 x 3/4	0.110	5	246LC-3320	
1"1/4 x 1	0.114	5	246LC-3326	
1"1/2 x 3/4	0.130	5	246LC-4020	
1"1/2 x 1	0.140	5	246LC-4026	
1"1/2 x 1"1/4	0.155	5	246LC-4033	
2 x 1	0.180	1	246LC-5026	
2 x 1"1/4	0.195	1	246LC-5033	
2 x 1"1/2	0.200	1	246LC-5040	

241LC

Reduced male-female reducer ring



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4 x 1/8	0.003	10	241LC-58	
3/8 x 1/4	0.004	10	241LC-812	
1/2 x 1/4	0.016	10	241LC-815	
1/2 x 3/8	0.007	10	241LC-1215	
3/4 x 3/8	0.023	10	241LC-1220	
3/4 x 1/2	0.016	10	241LC-1520	
1 x 1/2	0.047	10	241LC-1526	
1 x 3/4	0.026	10	241LC-2026	
1"1/4 x 1	0.057	5	241LC-2633	
1"1/2 x 1"1/4	0.065	5	241LC-3340	

246L

Male-female nipple



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4	0.013	10	246L-8	
3/8	0.017	10	246L-12	
1/2	0.029	10	246L-15	
3/4	0.045	10	246L-20	
1	0.079	10	246L-26	
1"1/4	0.115	5	246L-33	
1"1/2	0.135	5	246L-40	
2	0.300	1	246L-50	
2"1/2	0.735	1	246L-66	

270LE

Female-female coupling with sealing surface



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/8	0.017	10	270LE-12	
1/2	0.033	10	270LE-15	
3/4	0.038	10	270LE-20	
1	0.070	10	270LE-26	
1"1/4	0.120	5	270LE-33	
1"1/2	0.170	5	270LE-40	
2	0.330	1	270LE-50	

PRIZDO screw-on fittings

Brass

270L

Female-female coupling



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/8	0.009	10	270L-5	
1/4	0.009	10	270L-8	
3/8	0.015	10	270L-12	
1/2	0.030	10	270L-15	
3/4	0.035	10	270L-20	
1	0.065	10	270L-26	
1"1/4	0.115	5	270L-33	
1"1/2	0.165	5	270L-40	
2	0.310	1	270L-50	

245L

Reduced male-male nipple



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4 x 1/8	0.008	10	245L-85	
3/8 x 1/4	0.015	10	245L-128	
1/2 x 1/4	0.023	10	245L-158	
1/2 x 3/8	0.023	10	245L-1512	
3/4 x 3/8	0.041	10	245L-2012	
3/4 x 1/2	0.038	10	245L-2015	
1 x 1/2	0.077	10	245L-2615	
1 x 3/4	0.074	10	245L-2620	
1"1/4 x 1/2	0.143	5	245L-3315	
1"1/4 x 3/4	0.138	5	245L-3320	
1"1/4 x 1	0.125	5	245L-3326	
1"1/2 x 3/4	0.190	5	245L-4020	
1"1/2 x 1	0.190	5	245L-4026	
1"1/2 x 1"1/4	0.175	5	245L-4033	
2 x 1	0.200	1	245L-5026	
2 x 1"1/4	0.200	1	245L-5033	
2 x 1"1/2	0.200	1	245L-5040	

240L

Reduced Female-female coupling



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4 x 1/8	0.014	10	240L-85	
3/8 x 1/4	0.014	10	240L-128	
1/2 x 3/8	0.023	10	240L-1512	
1/2 x 1/8	0.025	10	240L-155	
1/2 x 1/4	0.022	10	240L-158	
3/4 x 3/8	0.038	10	240L-2012	
3/4 x 1/2	0.033	10	240L-2015	
1 x 1/2	0.063	10	240L-2615	
1 x 3/4	0.054	10	240L-2620	
1"1/4 x 3/4	0.080	5	240L-3320	
1"1/4 x 1	0.087	5	240L-3326	
1"1/2 x 1	0.120	5	240L-4026	
1"1/2 x 1"1/4	0.110	5	240L-4033	
2 x 1"1/2	0.150	1	240L-5040	

280L

Male-male nipple



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/8	0.007	10	280L-5	
1/4	0.011	10	280L-8	
3/8	0.016	10	280L-12	
1/2	0.026	10	280L-15	
3/4	0.045	10	280L-20	
1	0.075	10	280L-26	
1"1/4	0.115	5	280L-33	
1"1/2	0.155	5	280L-40	
2	0.240	1	280L-50	
2"1/2	0.545	1	280L-66	
3	0.695	1	280L-80	

PRIZDO screw-on fittings

Brass

275L

Female-female coupling



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
3/8	0.017	5	275L-12	
1/2	0.033	5	275L-15	
3/4	0.038	5	275L-20	
1	0.070	5	275L-26	
1"1/4	0.120	5	275L-33	
1"1/2	0.170	1	275L-40	
2	0.330	1	275L-50	

41L

Female 45° elbow



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/2	0.090	10	41L-15	
3/4	0.107	10	41L-20	
1	0.132	8	41L-26	
1"1/4	0.210	10	41L-33	
1"1/2	0.260	5	41L-40	
2	0.365	8	41L-50	

90L

Female 90° elbow



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4	0.034	10	90L-8	
3/8	0.053	10	90L-12	
1/2	0.064	10	90L-15	
3/4	0.100	10	90L-20	
1	0.200	5	90L-26	
1"1/4	0.250	1	90L-33	
1"1/2	0.350	1	90L-40	
2	0.725	1	90L-50	

92L

Male-female 90° elbow



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4	0.034	10	92L-8	
3/8	0.061	10	92L-12	
1/2	0.065	10	92L-15	
3/4	0.120	10	92L-20	
1	0.210	5	92L-26	
1"1/4	0.190	1	92L-33	
1"1/2	0.425	1	92L-40	
2	0.725	1	92L-50	

93L

Male 90° elbow



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4		10	93L-8	
3/8		10	93L-12	
1/2	-	10	93L-15	
3/4	-	10	93L-20	
1	-	10	93L-26	
1"1/4	-	5	93L-33	
1"1/2	-	1	93L-40	
2	-	1	93L-50	

131L

Male equal tee



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/2	0.070	10	131L-15	
3/4	0.080	10	131L-20	
1	0.135	5	131L-26	
1"1/4	0.425	1	131L-33	
1"1/2	0.410	1	131L-40	

PRIZDO screw-on fittings

Brass

130L

Female equal tee



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4	0.045	10	130L-8	
3/8	0.070	10	130L-12	
1/2	0.075	10	130L-15	
3/4	0.110	10	130L-20	
1	0.265	5	130L-26	
1"1/4	0.370	1	130L-33	
1"1/2	0.500	1	130L-40	
2	0.845	1	130L-50	

300L

Female cap



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/4	0.009	10	300L-8	
3/8	0.013	10	300L-12	
1/2	0.020	10	300L-15	
3/4	0.036	10	300L-20	
1	0.065	10	300L-26	
1"1/4	0.095	5	300L-33	
1"1/2	0.120	5	300L-40	
2	0.265	1	300L-50	

290L

Male cap



Dimensions (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
1/8	0.006	10	290L-5	
1/4	0.006	10	290L-8	
3/8	0.012	10	290L-12	
1/2	0.023	10	290L-15	
3/4	0.036	10	290L-20	
1	0.063	10	290L-26	
1"1/4	0.145	5	290L-33	
1"1/2	0.195	5	290L-40	
2	0.360	1	290L-50	
40 x 300	0.182	1	290L-PB	
55 x 300	0.321	1	290L-GB	



Electrofusion fittings

PE100 fittings / In accordance with EN 12201-3 / Boxes: 4 mm / With removable centring stop / Maximum working pressure SDR 11: 16 Bar for water pipe



RDE
Straight fitting

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.035	100	RDE-0020	
25	0.045	100	RDE-0025	
32	0.055	80	RDE-0032	
40	0.085	50	RDE-0040	
50	0.14	50	RDE-0050	
63	0.204	36	RDE-0063	
75	0.25	24	RDE-0075	
90	0.44	18	RDE-0090	
110	0.68	30	RDE-0110	
125	0.89	15	RDE-0125	
140	1.036	12	RDE-0140	
160	1.51	10	RDE-0160	
180	1.99	8	RDE-0180	
200	2.425	4	RDE-0200	
225	3.27	4	RDE-0225	
250	4.40	4	RDE-0250	
280	6.73	1	RDE-0280	
315	8.75	1	RDE-0315	
355	10.38	1	RDE-0355	
400	13.97	1	RDE-0400	
450	20.03	1	RDE-0450	
500	27.86	1	RDE-0500	
560	38.60	1	RDE-0560	
630	52.83	1	RDE-0630	
710	72.45	1	RDE-0710	
800	102.49	1	RDE-0800	
900	137.93	1	RDE-0900	
1000	187.70	1	RDE-1000	
1200	285.40	1	RDE-1200	

Injected up to ND 400 mm. Removable stop up to ND 400 mm



RRE
Reducer fitting

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25	20	0.044	75	RRE-025020	
32	25	0.062	75	RRE-032025	
32	20	0.057	75	RRE-032020	
40	25	0.094	1	RRE-040025	
40	32	0.095	100	RRE-040032	
50	25	-	1	RRE-050025	
50	40	0.105	80	RRE-050040	
50	32	0.095	80	RRE-050032	
63	50	0.150	60	RRE-063050	
63	40	0.145	60	RRE-063040	
63	32	0.140	60	RRE-063032	
75	50	0.336	-	RRE-075050	
75	63	0.330	-	RRE-075063	
90	63	0.315	35	RRE-090063	
110	63	0.575	24	RRE-110063	
110	90	0.560	250	RRE-110090	
125	90	0.735	12	RRE-125090	
125	110	1.050	-	RRE-125110	
160	90	1.570	-	RRE-160090	
160	110	1.675	-	RRE-160110	
180	125	2.170	4	RRE-180125	



Electrofusion fittings

PE100 fittings / In accordance with EN 12201-3 / Boxes: 4 mm / With removable centring stop / Maximum working pressure SDR 11: 16 Bar for water pipe



BOE
Cap

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.038	1	BOE-0020	
25	0.053	1	BOE-0025	
32	0.079	1	BOE-0032	
40	0.114	1	BOE-0040	
50	0.200	1	BOE-0050	
63	0.350	1	BOE-0063	
75	0.500	1	BOE-0075	
90	0.690	1	BOE-0090	
110	1.230	1	BOE-0110	
125	1.620	1	BOE-0125	
140	2.174	1	BOE-0140	
160	2.920	1	BOE-0160	
180	3.920	1	BOE-0180	
200	5.210	1	BOE-0200	
225	7.200	1	BOE-0225	



TEE
Equal tee

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.075	40	TEE-0020	
25	0.140	75	TEE-0025	
32	0.110	30	TEE-0032	
40	0.185	18	TEE-0040	
50	0.230	10	TEE-0050	
63	0.380	30	TEE-0063	
75	0.605	18	TEE-0075	
90	1.005	16	TEE-0090	
110	1.730	6	TEE-0110	
125	2.400	4	TEE-0125	
140	4.600	1	TEE-0140	
160	4.015	3	TEE-0160	
180	5.810	2	TEE-0180	
200	10.980	1	TEE-0200	
225	13.400	1	TEE-0225	



Electrofusion fittings

PE100 fittings / In accordance with EN 12201-3 / Boxes: 4 mm / With removable centring stop / Maximum working pressure SDR 11: 16 Bar for water pipe



TER
Reduced tee

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25	20	0.070	1	TER-025020	
32	20	0.113	1	TER-032020	
32	25	0.115	1	TER-032025	
40	25	0.190	1	TER-040025	
40	32	0.192	1	TER-040032	
50	25	0.276	1	TER-050025	
50	32	0.279	1	TER-050032	
50	40	0.205	10	TER-050040	
63	32	0.330	30	TER-063032	
63	40	0.340	30	TER-063040	
63	50	0.450	30	TER-063050	
75	63	0.565	18	TER-075063	
90	63	0.870	16	TER-090063	
110	63	1.620	6	TER-110063	
110	90	1.510	6	TER-110090	
125	63	2.000	6	TER-125063	
125	90	2.080	6	TER-125090	
125	110	2.260	4	TER-125110	
160	63	3.230	2	TER-160063	
160	90	3.315	2	TER-160090	
160	110	3.155	3	TER-160110	
180	125	5.000	2	TER-180125	



TEEK
Equal tee / coupling kit

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.117	1	TEEK-0020	
25	0.185	1	TEEK-0025	
32	0.175	1	TEEK-0032	
40	0.275	1	TEEK-0040	
50	0.380	1	TEEK-0050	
63	0.600	1	TEEK-0063	
75	0.860	1	TEEK-0075	
90	1.385	1	TEEK-0090	
110	2.370	1	TEEK-0110	
125	3.159	1	TEEK-0125	
140	5.585	1	TEEK-0140	
160	5.375	1	TEEK-0160	
180	7.720	1	TEEK-0180	
200	13.405	1	TEEK-0200	
225	16.575	1	TEEK-0225	



Electrofusion fittings

PE100 fittings / In accordance with EN 12201-3 / Boxes: 4 mm / With removable centring stop / Maximum working pressure SDR 11: 16 Bar for water pipe



TERK
Reduced tee / coupling kit

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25	20	0.112	1	TERK-025020	
32	20	0.155	1	TERK-032020	
32	25	0.160	1	TERK-032025	
40	25	0.235	1	TERK-040025	
40	32	0.257	1	TERK-040032	
50	25	0.321	1	TERK-050025	
50	32	0.344	1	TERK-050032	
50	40	0.295	1	TERK-050040	
63	32	0.395	1	TERK-063032	
63	40	0.430	1	TERK-063040	
63	50	0.795	1	TERK-063050	
75	63	0.850	1	TERK-075063	
90	63	1.155	1	TERK-090063	
110	63	1.840	1	TERK-110063	
110	90	1.920	1	TERK-110090	
125	63	2.220	1	TERK-125063	
125	90	2.890	1	TERK-125090	
125	110	2.900	1	TERK-125110	
160	63	3.450	1	TERK-160063	
160	90	3.695	1	TERK-160090	
160	110	4.095	1	TERK-160110	
180	125	5.759	1	TERK-180125	



CE90
90° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.141	40	CE90-0020	
25	0.062	100	CE90-0025	
32	0.097	80	CE90-0032	
40	0.340	55	CE90-0040	
50	0.241	50	CE90-0050	
63	0.296	25	CE90-0063	
75	0.430	16	CE90-0075	
90	0.690	15	CE90-0090	
110	1.120	6	CE90-0110	
125	1.570	6	CE90-0125	
140	2.500	1	CE90-0140	
160	4.240	2	CE90-0160	
180	4.670	2	CE90-0180	
200	8.000	1	CE90-0200	
225	10.800	1	CE90-0225	



CE45
45° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.050	1	CE45-0020	
25	0.051	1	CE45-0025	
32	0.085	100	CE45-0032	
40	0.105	70	CE45-0040	
50	0.145	50	CE45-0050	
63	0.240	30	CE45-0063	
75	0.355	20	CE45-0075	
90	0.560	18	CE45-0090	
110	0.940	10	CE45-0110	
125	1.260	6	CE45-0125	
140	1.920	1	CE45-0140	
160	4.310	2	CE45-0160	
180	3.330	2	CE45-0180	
200	6.000	1	CE45-0200	
225	7.990	1	CE45-0225	

Transition fittings

PE100 SDR11 and SDR 7.4 transition fittings with brass end piece / Maximum working pressure SDR 11: 16 Bar for water pipe, SDR 7.4: 25 Bar for water pipe / Gas thread or tapping

MDEM

Straight smooth-end fitting with threaded end SDR 11

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2"	0.060	100	MDEM-2015	
25 x 3/4"	0.100	100	MDEM-2520	
32 x 1"	0.160	50	MDEM-3226	
40 x 1"1/4	0.255	25	MDEM-4033	
50 x 1"1/2	0.370	32	MDEM-5040	
63 x 2"	0.560	10	MDEM-6350	

MDEF

Straight smooth-end fitting with tapped end SDR 11

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2"	0.065	100	MDEF-2015	
25 x 3/4"	0.095	100	MDEF-2520	
32 x 1"	0.145	50	MDEF-3226	
40 x 1"1/4	0.270	35	MDEF-4033	
50 x 1"1/2	0.375	32	MDEF-5040	
63 x 2"	0.550	10	MDEF-6350	

RTBLEP

Straight smooth-end fitting with captive nut SDR 11

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2"	-	1	RTBLEP-2015	
25 x 1/2"	-	1	RTBLEP-2515	
25 x 3/4"	-	1	RTBLEP-2520	
32 x 3/4"	-	1	RTBLEP-3220	
32 x 1"	-	1	RTBLEP-3226	
40 x 1"	-	1	RTBLEP-4026	
40 x 1"1/4	-	1	RTBLEP-4033	
50 x 1"1/2	-	1	-	
63 x 2"	-	1	RTBLEP-6350	

CTEEP-90

90° elbow, electrofusion with captive nut sdr 7. 4

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25 x 3/4"	0.200	1	CTEEP-90-2520	
32 x 1"	0.262	1	CTEEP-90-3226	
40 x 1"1/4	0.393	1	CTEEP-90-4033	
50 x 1"1/2	0.640	1	CTEEP-90-5040	
63 x 2"	1.030	1	CTEEP-90-6350	

RTEEP

Straight electrofusion fitting with captive nut SDR 7.4

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 x 1/2"	0.110	1	RTEEP-2015	
25 x 3/4"	0.132	1	RTEEP-2520	
32 x 1"	0.270	1	RTEEP-3226	
40 x 1"1/4	0.313	1	RTEEP-4033	
50 x 1"1/2	0.495	1	RTEEP-5040	
63 x 2"	0.805	1	RTEEP-6350	

CTEEP-45

45° elbow, electrofusion with captive nut SDR 7. 4

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
32 x 1"	0.242	1	CTEEP-45-3226	
40 x 1"1/4	0.378	1	CTEEP-45-4033	
50 x 1"1/2	0.600	1	CTEEP-45-5040	
63 x 2"	0.970	1	CTEEP-45-6350	

Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded

RRBL

Reducer

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
25	20	0.030	100	RRBL-025020	
32	20	0.030	50	RRBL-032020	
32	25	0.030	50	RRBL-032025	
40	25	0.040	50	RRBL-040025	
40	32	0.050	50	RRBL-040032	
50	25	0.070	40	RRBL-050025	
50	32	0.070	40	RRBL-050032	
50	40	0.070	40	RRBL-050040	
63	25	0.110	20	RRBL-063025	
63	32	0.115	20	RRBL-063032	
63	40	0.120	20	RRBL-063040	
63	50	0.140	20	RRBL-063050	
75	32	0.170	40	RRBL-075032	
75	40	0.170	40	RRBL-075040	
75	50	0.190	40	RRBL-075050	
75	63	0.210	40	RRBL-075063	
90	50	0.300	40	RRBL-090050	
90	63	0.300	36	RRBL-090063	
90	75	0.330	36	RRBL-090075	
110	50	0.460	30	RRBL-110050	
110	63	0.500	30	RRBL-110063	
110	75	0.540	50	RRBL-110075	
110	90	0.600	30	RRBL-110090	
125	63	0.620	30	RRBL-125063	
125	75	0.650	30	RRBL-125075	
125	90	0.740	30	RRBL-125090	
125	110	0.860	18	RRBL-125110	
140	75	0.850	16	RRBL-140075	
140	90	0.840	16	RRBL-140090	
140	110	1.020	16	RRBL-140110	
140	125	1.200	16	RRBL-140125	

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
160	90	2.360	16	RRBL-160090	
160	110	1.310	16	RRBL-160110	
160	125	1.460	16	RRBL-160125	
160	140	1.450	16	RRBL-160140	
180	110	1.620	6	RRBL-180110	
180	125	1.670	6	RRBL-180125	
180	140	1.820	6	RRBL-180140	
180	160	2.080	6	RRBL-180160	
200	110	2.160	8	RRBL-200110	
200	125		8	RRBL-200125	
200	140	2.360	8	RRBL-200140	
200	160	2.380	8	RRBL-200160	
200	180	2.700	8	RRBL-200180	
225	110	2.860	6	RRBL-225110	
225	160	3.040	6	RRBL-225160	
225	180	3.450	5	RRBL-225180	
225	200	3.780	5	RRBL-225200	
250	160	3.600	2	RRBL-250160	
250	180	4.240	2	RRBL-250180	
250	200	4.430	2	RRBL-250200	
250	225	4.750	2	RRBL-250225	
280	180	5.340	2	RRBL-280180	
280	200	5.540	2	RRBL-280200	
280	225	6.000	2	RRBL-280225	
280	250	6.970	2	RRBL-280250	
315	200	-	-	RRBL-315200	
315	225	7.750	2	RRBL-315225	
315	250	8.300	2	RRBL-315250	
315	280	8.400	2	RRBL-315280	
355	315	11.760	2	RRBL-355315	
400	315	15.600	1	RRBL-400315	
400	355	15.600	1	RRBL-400355	



Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded



C90BL
90° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.020	100	C90BL-0020	
25	0.020	100	C90BL-0025	
32	0.040	50	C90BL-0032	
40	0.070	30	C90BL-0040	
50	0.140	25	C90BL-0050	
63	0.250	40	C90BL-0063	
75	0.430	30	C90BL-0075	
90	0.670	20	C90BL-0090	
110	1.080	12	C90BL-0110	
125	1.470	12	C90BL-0125	
140	2.160	8	C90BL-0140	
160	2.900	4	C90BL-0160	
180	4.230	4	C90BL-0180	
200	5.970	3	C90BL-0200	
225	7.300	2	C90BL-0225	
250	10.350	1	C90BL-0250	
280	15.730	1	C90BL-0280	
315	21.170	1	C90BL-0315	
355	28.670	1	C90BL-0355	
400	41.500	1	C90BL-0400	



C60BL
60° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	0.550	20	C60BL-0090	
110	0.885	12	C60BL-0110	
125	1.205	12	C60BL-0125	
140	1.760	8	C60BL-0140	
160	2.380	4	C60BL-0160	
180	3.470	4	C60BL-0180	
200	4.900	3	C60BL-0200	
225	5.990	2	C60BL-0225	
250	8.490	1	C60BL-0250	
280	12.900	1	C60BL-0280	
315	18.050	1	C60BL-0315	
355	24.370	1	C60BL-0355	
400	35.280	1	C60BL-0400	



C30BL
30° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	0.510	24	C30BL-0090	
110	0.860	18	C30BL-0110	
125	1.170	12	C30BL-0125	
140	1.455	12	C30BL-0140	
160	2.170	9	C30BL-0160	
180	2.850	4	C30BL-0180	
200	3.900	3	C30BL-0200	
225	5.270	2	C30BL-0225	
250	6.970	2	C30BL-0250	
280	9.920	1	C30BL-0280	
315	13.220	1	C30BL-0315	
355	20.120	1	C30BL-0355	
400	27.370	1	C30BL-0400	



Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded



C45BL
45° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.030	100	C45BL-0020	
25	0.040	100	C45BL-0025	
32	0.060	50	C45BL-0032	
40	0.085	32	C45BL-0040	
50	0.140	20	C45BL-0050	
63	0.230	50	C45BL-0063	
75	0.330	30	C45BL-0075	
90	0.580	24	C45BL-0090	
110	0.980	18	C45BL-0110	
125	1.300	12	C45BL-0125	
140	1.700	12	C45BL-0140	
160	2.435	9	C45BL-0160	
180	3.330	4	C45BL-0180	
200	4.430	3	C45BL-0200	
225	6.200	2	C45BL-0225	
250	8.180	2	C45BL-0250	
280	11.315	1	C45BL-0280	
315	14.600	1	C45BL-0315	
355	22.935	1	C45BL-0355	
400	31.100	1	C45BL-0400	



C22BL
22° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	0.455	24	C22BL-0090	
110	0.734	18	C22BL-0110	
125	1.007	12	C22BL-0125	
140	1.339	12	C22BL-0140	
160	1.973	9	C22BL-0160	
180	2.622	4	C22BL-0180	
200	3.298	4	C22BL-0200	
225	5.051	2	C22BL-0225	
250	6.679	2	C22BL-0250	
280	9.798	1	C22BL-0280	
315	13.331	1	C22BL-0315	
355	17.360	1	C22BL-0355	
400	23.557	1	C22BL-0400	



C11BL
11° elbow

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	0.415	24	C11BL-0090	
110	0.700	18	C11BL-0110	
125	0.919	12	C11BL-0125	
140	1.214	12	C11BL-0140	
160	1.697	9	C11BL-0160	
180	2.374	4	C11BL-0180	
200	3.036	4	C11BL-0200	
225	4.554	2	C11BL-0225	
250	6.044	2	C11BL-0250	
280	8.901	1	C11BL-0280	
315	11.951	1	C11BL-0315	
355	15.911	1	C11BL-0355	
400	21.583	1	C11BL-0400	



Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded



BBL
Cap

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.010	100	BBL-0020	
25	0.010	100	BBL-0025	
32	0.020	100	BBL-0032	
40	0.040	100	BBL-0040	
50	0.050	50	BBL-0050	
63	0.090	36	BBL-0063	
75	0.140	27	BBL-0075	
90	0.230	60	BBL-0090	
110	0.350	45	BBL-0110	
125	0.550	24	BBL-0125	
140	0.760	22	BBL-0140	
160	1.040	15	BBL-0160	
180	1.400	12	BBL-0180	
200	1.890	10	BBL-0200	
225	2.600	4	BBL-0225	
250	3.290	4	BBL-0250	
280	4.630	3	BBL-0280	
315	6.120	3	BBL-0315	
355	8.980	1	BBL-0355	
400	12.590	1	BBL-0400	

TEBL
Equal tee



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.040	50	TEBL-0020	
25	0.050	40	TEBL-0025	
32	0.090	30	TEBL-0032	
40	0.100	20	TEBL-0040	
50	0.250	40	TEBL-0050	
63	0.380	36	TEBL-0063	
75	0.590	22	TEBL-0075	
90	0.920	14	TEBL-0090	
110	1.570	14	TEBL-0110	
125	2.260	8	TEBL-0125	
140	2.790	6	TEBL-0140	
160	4.250	4	TEBL-0160	
180	5.850	3	TEBL-0180	
200	7.495	2	TEBL-0200	
225	10.270	2	TEBL-0225	
250	14.030	2	TEBL-0250	
280	21.600	1	TEBL-0280	
315	26.550	1	TEBL-0315	
355	39.260	1	TEBL-0355	
400	54.000	1	TEBL-0400	



TBL45
45° tee

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
63	0.455	22	TBL45-0063	
75	0.710	20	TBL45-0075	
90	1.140	11	TBL45-0090	
110	1.980	9	TBL45-0110	
125	2.930	5	TBL45-0125	
160	6.170	26	TBL45-0160	
180	8.610	20	TBL45-0180	
200	11.430	13	TBL45-0200	
225	15.950	10	TBL45-0225	
250	19.680	8	TBL45-0250	



Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded



TRBL
Reduced tee

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50	32	0.190	40	TRBL-050032	
63	32	0.310	36	TRBL-063032	
63	40	0.280	36	TRBL-063040	
63	50	0.330	36	TRBL-063050	
75	32	0.450	22	TRBL-075032	
75	50	0.470	22	TRBL-075050	
75	63	0.530	22	TRBL-075063	
90	50	0.780	14	TRBL-090050	
90	63	0.800	14	TRBL-090063	
90	75	0.850	14	TRBL-090075	
110	32	1.232	14	TRBL-110032	
110	50	1.280	14	TRBL-110050	
110	63	1.330	14	TRBL-110063	
110	75	1.360	14	TRBL-110075	
110	90	1.420	14	TRBL-110090	
125	63	1.740	8	TRBL-125063	
125	75	2.000	8	TRBL-125075	
125	90	2.040	8	TRBL-125090	
125	110	2.140	8	TRBL-125110	
140	90	2.400	6	TRBL-140090	
140	110	2.540	6	TRBL-140110	
140	125	2.612	6	TRBL-140125	
160	63	3.420	5	TRBL-160063	
160	75	3.500	5	TRBL-160075	
160	90	3.540	5	TRBL-160090	
160	110	3.670	4	TRBL-160110	
160	125	3.750	4	TRBL-160125	
160	140	3.840	4	TRBL-160140	
180	90	5.000	3	TRBL-180090	
180	110	4.980	3	TRBL-180110	
180	125	5.140	3	TRBL-180125	
180	160	5.380	3	TRBL-180160	
200	63	6.240	3	TRBL-200063	
200	90	6.300	3	TRBL-200090	
200	110	6.440	3	TRBL-200110	
200	125	6.700	3	TRBL-200125	
200	160	6.900	3	TRBL-200160	

Available in SDR 17: 10 Bar under reference TE45-17

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
225	90	8.620	2	TRBL-225090	
225	110	8.780	2	TRBL-225110	
225	125	8.780	2	TRBL-225125	
225	160	9.220	2	TRBL-225160	
250	90	11.510	1	TRBL-250090	
250	110	11.730	1	TRBL-250110	
250	125	11.735	1	TRBL-250125	
250	160	12.250	1	TRBL-250160	
250	200	12.810	1	TRBL-250200	
280	110	17.960	1	TRBL-280110	
280	160	18.640	1	TRBL-280160	
315	110	22.000	1	TRBL-315110	
315	160	22.600	1	TRBL-315160	
315	200	23.050	1	TRBL-315200	
315	225	23.700	1	TRBL-315225	
315	250	25.320	1	TRBL-315250	
355	110	20.305	1	TRBL-355110	
355	160	20.380	1	TRBL-355160	
400	110	30.060	1	TRBL-400110	
400	160	29.870	1	TRBL-400160	

Smooth-end fittings

Complies with standard EN 12201-3 / PE100 SDR11 / Maximum working pressure: 16 Bar for water pipe / Injection moulded

KCBAZ

Anti-flow stub flange kit



Ø mm (PE)	ND (mm)	PN	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
40	32/40	10/16	-	1	KCBAZ-40	
50	40/50	10/16	-	1	KCBAZ-50	
63	50/60/65	10/16	-	1	KCBAZ-63	
75	60/65/80	10/16	-	1	KCBAZ-75	
90	80	10/16	-	1	KCBAZ-90	
110	100	10/16	-	1	KCBAZ-110	
125	100	10/16	-	1	KCBAZ-125	

Supplied with zinc-plated bolts

COLPE

Smooth stub flange PE SDR 11



ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.025	1	COLPE-20	
25	0.037	1	COLPE-25	
32	0.058	1	COLPE-32	
40	0.085	1	COLPE-40	
50	0.125	1	COLPE-50	
63	0.220	1	COLPE-63	
75	0.330	1	COLPE-75	
90	0.460	1	COLPE-90	
110	0.690	1	COLPE-110	
125	0.820	1	COLPE-125	
140	1.330	1	COLPE-140	
160	1.680	1	COLPE-160	
180	2.020	1	COLPE-180	
200	2.850	1	COLPE-200	
225	2.840	1	COLPE-225	
250	3.970	1	COLPE-250	
280	5.000	1	COLPE-280	
315	6.360	1	COLPE-315	
355	9.490	1	COLPE-355	
400	13.160	1	COLPE-400	

KCBAZ

Anti-flow stub flange kit



Ø mm (PE)	ND (mm)	PN	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
140	125	PN 10/16	-	1	KCBAZ-140	
160	150	PN 10/16	-	1	KCBAZ-160	
180	150	PN 10/16	-	1	KCBAZ-180	
200	200	PN 10	-	1	KCBAZ-200	
225	200	PN 10	-	1	KCBAZ-225	
250	250	PN 10	-	1	KCBAZ-250	
315	300	PN 10	-	1	KCBAZ-315	

Supplied with zinc-plated bolts

BAPP

PP coated steel flange



ND (mm)	ND (mm)	PN	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	20	10/16	0.230	1	BAPP-20	
20	25	10/16	0.285	1	BAPP-25	
25	32	10/16	0.545	1	BAPP-32	
32	40	10/16	0.740	1	BAPP-40	
40	50	10/16	0.910	1	BAPP-50	
50	63	10/16	1.060	1	BAPP-63	
65	75	10/16	1.355	1	BAPP-75	
80	90	10/16	1.555	1	BAPP-90	
100	110	10/16	1.770	1	BAPP-110	
100	125	10/16	1.845	1	BAPP-125	
125	140	10/16	2.740	1	BAPP-140	
150	160	10/16	3.600	1	BAPP-160	
150	180	10/16	3.310	1	BAPP-180	
200	200	10	5.155	1	BAPP-200	
200	225	10	5.170	1	BAPP-225	
250	250	10	10.740	1	BAPP-250	
250	280	10	10.095	1	BAPP-280	
300	315	10	13.680	1	BAPP-315	
350	355	10	22.365	1	BAPP-355	
400	400	10	27.610	1	BAPP-400	

Holes in accordance with EN 1092

Electrofusion house connection clamps

Complies with standards EN 12201-3 and 1555 / PE100 SDR11 / MOP: 16 Bar for water pipe

PBE



PBST



ND (mm)	ND (mm)	Weight (kg/p)	Pack of	PBE ADG ref.	PBST ADG ref.	Price in € excl. tax
40	20	0.340	30		PBST-04020	
40	25	0.340	30		PBST-04025	
40	32	0.340	30	PBE-04032	PBST-04032	
50	20	0.300	30	PBE-05020		
50	25	0.330	30	PBE-05025		
50	32	0.330	30	PBE-05032		
63	20	0.590	20		PBST-06320	
63	25	0.590	20		PBST-06325	
63	32	0.590	20	PBE-06332	PBST-06332	
63	40	0.610	20	PBE-06340		
63	50	0.650	20	PBE-06350		
63	63	0.700	18	PBE-06363		
75	20	0.620	15	PBE-07520		
75	25	0.600	15	PBE-07525		
75	32	0.610	15	PBE-07532		
75	40	0.640	15	PBE-07540		
75	50	0.660	15	PBE-07550		
75	63	0.730	15	PBE-07563		
90	20	0.680	12	PBE-09020		
90	25	0.700	12	PBE-09025		
90	32	0.700	12	PBE-09032		
90	40	0.720	12	PBE-09040		
90	50	0.760	12	PBE-09050		
90	63	0.830	12	PBE-09063		
110	20	0.720	10	PBE-11020		
110	25	0.720	10	PBE-11025		
110	32	0.740	10	PBE-11032		
110	40	0.760	10	PBE-11040		
110	50	0.800	10	PBE-11050		
110	63	0.860	10	PBE-11063		



• **1 - Plug with O-ring seal:**
Provides the seal

• **2 - Upper limit:**
Guarantees full opening

• **3 - O-ring seal:**
Guarantees the seal

• **4 - Lower limit:**
Guarantees drilling and prevents the cutter from getting lost in the pipe

• **5 - Hinge:**
Makes installation easier
Only 2 screws to tighten

• **6 - Stainless steel cutter:**
100% food grade
A long-lasting product
Hexagonal hole

• **7 - Tool-free positioning with the SMART - T model**

Electrofusion house connection clamps



PBE

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	PBE ADG ref.	PBST ADG ref.	Price in € excl. tax
125	20	0.700	8	PBE-12520		
125	25	0.775	8	PBE-12525		
125	32	0.780	8	PBE-12532		
125	40	0.800	8	PBE-12540		
125	50	0.850	8	PBE-12550		
125	63	0.890	8	PBE-12563		
140	20	0.860	6	PBE-14020		
140	25	0.870	6	PBE-14025		
140	32	0.880	6	PBE-14032		
140	40	0.900	6	PBE-14040		
140	50	0.950	6	PBE-14050		
140	63	1.010	6	PBE-14063		
160	20	0.859	6	PBE-16020		
160	25	0.893	6	PBE-16025		
160	32	0.893	6	PBE-16032		
160	40	0.893	6	PBE-16040		
160	50	0.926	6	PBE-16050		
160	63	0.993	6	PBE-16063		
180	20	0.871	5	PBE-18020		
180	25	0.891	5	PBE-18025		
180	32	0.910	5	PBE-18032		
180	40	0.931	5	PBE-18040		
180	50	0.971	5	PBE-18050		
180	63	1.031	5	PBE-18063		
200	20	0.939	4	PBE-20020		
200	25	0.964	4	PBE-20025		
200	32	0.989	4	PBE-20032		
200	40	0.989	4	PBE-20040		
200	50	1.064	4	PBE-20050		
200	63	1.114	4	PBE-20063		
225	20	0.014	4	PBE-22520		
225	25	1.014	4	PBE-22525		

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	PBE ADG ref.	PBST ADG ref.	Price in € excl. tax
225	32	1.039	4	PBE-22532		
225	40	1.064	4	PBE-22540		
225	50	1.139	4	PBE-22550		
225	63	1.164	4	PBE-22563		
250	20	1.268	2	PBE-25020		
250	25	1.272	2	PBE-25025		
250	32	1.280	2	PBE-25032		
250	40	1.298	2	PBE-25040		
250	50	1.298	2	PBE-25050		
250	63	1.302	2	PBE-25063		
280	20	1.268	2	PBE-28020		
280	25	1.272	2	PBE-28025		
280	32	1.28	2	PBE-28032		
280	40	1.298	2	PBE-28040		
280	50	1.298	2	PBE-28050		
280	63	1.302	2	PBE-28063		

Electrofusion house connection kits

KBE



KBST



ND (mm)	ND (mm)	Weight (kg/p)	Pack of	KBE ADG ref.	KBST ADG ref.	Price in € excl. tax
40	20	-	1		KBST-040020	
40	25	-	1		KBST-040025	
40	32	-	1	KBE-040032	KBST-040032	
50	20	-	1	KBE-050020		
50	25	-	1	KBE-050025		
50	32	-	1	KBE-050032		
63	20	-	1		KBST-063020	
63	25	-	1		KBST-063025	
63	32	-	1	KBE-063032	KBST-063032	
63	40	-	1	KBE-063040		
63	50	-	1	KBE-063050		
63	63	-	1	KBE-063063		
75	20	-	1	KBE-075020		
75	25	-	1	KBE-075025		
75	32	-	1	KBE-075032		
75	40	-	1	KBE-075040		
75	50	-	1	KBE-075050		
75	63	-	1	KBE-075063		
90	20	-	1	KBE-090020		
90	25	-	1	KBE-090025		
90	32	-	1	KBE-090032		
90	40	-	1	KBE-090040		
90	50	-	1	KBE-090050		
90	63	-	1	KBE-090063		
110	20	-	1	KBE-110020		
110	25	-	1	KBE-110025		
110	32	-	1	KBE-110032		
110	40	-	1	KBE-110040		
110	50	-	1	KBE-110050		
110	63	-	1	KBE-110063		

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	KBE ADG ref.	KBST ADG ref.	Price in € excl. tax
125	20	-	1	KBE-125020		
125	25	-	1	KBE-125025		
125	32	-	1	KBE-125032		
125	40	-	1	KBE-125040		
125	50	-	1	KBE-125050		
125	63	-	1	KBE-125063		
140	20	-	1	KBE-140020		
140	25	-	1	KBE-140025		
140	32	-	1	KBE-140032		
140	40	-	1	KBE-140040		
140	50	-	1	KBE-140050		
140	63	-	1	KBE-140063		
160	20	-	1	KBE-160020		
160	25	-	1	KBE-160025		
160	32	-	1	KBE-160032		
160	40	-	1	KBE-160040		



Electrofusion house connection kits



KBE

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	KBE ADG ref.	Price in € excl. tax
160	50	-	1	KBE-160050	
160	63	-	1	KBE-160063	
180	20	-	1	KBE-180020	
180	25	-	1	KBE-180025	
180	32	-	1	KBE-180032	
180	40	-	1	KBE-180040	
180	50	-	1	KBE-180050	
180	63	-	1	KBE-180063	
200	20	-	1	KBE-200020	
200	25	-	1	KBE-200025	
200	32	-	1	KBE-200032	
200	40	-	1	KBE-200040	
200	50	-	1	KBE-200050	
200	63	-	1	KBE-200063	
225	20	-	1	KBE-225020	
225	25	-	1	KBE-225025	
225	32	-	1	KBE-225032	
225	40	-	1	KBE-225040	
225	50	-	1	KBE-225050	
225	63	-	1	KBE-225063	
250	20	-	1	KBE-250020	
250	25	-	1	KBE-250025	
250	32	-	1	KBE-250032	
250	40	-	1	KBE-250040	
250	50	-	1	KBE-250050	
250	63	-	1	KBE-250063	
280	20	-	1	KBE-280020	
280	25	-	1	KBE-280025	
280	32	-	1	KBE-280032	
280	40	-	1	KBE-280040	
280	50	-	1	KBE-280050	
280	63	-	1	KBE-280063	

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	KBE ADG ref.	Price in € excl. tax
315	20	-	1	KBE-31520	
315	25	-	1	KBE-31525	
315	32	-	1	KBE-31532	
315	40	-	1	KBE-31540	
315	50	-	1	KBE-31550	
315	63	-	1	KBE-31563	



Electrofusion saddles



SBEL

House connection saddle with smooth end branch

ND (mm)	ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
63	32	0.400	25	SBEL-06332	
63	63	0.300	25	SBEL-06363	
75	32	0.250	20	SBEL-07532	
75	63	0.310	20	SBEL-07563	
90	32	0.300	15	SBEL-09032	
90	63	0.370	15	SBEL-09063	
110	32	0.380	12	SBEL-11032	
110	63	0.430	12	SBEL-11063	
125	32	0.400	12	SBEL-12532	
125	63	0.450	12	SBEL-12563	
140	32	0.420	12	SBEL-14032	
140	63	0.470	12	SBEL-14063	
160	32	0.450	12	SBEL-16032	
160	63	0.500	12	SBEL-16063	
180-200	32	0.760	8	SBEL-18032	
180-200	63	0.810	8	SBEL-18063	
225-250	32	0.810	8	SBEL-22532	
225-250	63	0.860	8	SBEL-22563	
280-315	32	0.750	8	SBEL-28032	
280-315	63	0.790	8	SBEL-28063	



SOBL

Blanking saddle

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	0.30	15	SOBL-090	
110	0.39	15	SOBL-110	
125	0.39	15	SOBL-125	
140	0.43	15	SOBL-140	
160	0.43	10	SOBL-160	
200	0.68	6	SOBL-200	
225-250	0.72	6	SOBL-250	
280-315	0.78	6	SOBL-315	



SEBT

House connection saddle with brass boss

Diameter	Tapping	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
90	1"	0.410	15	SEBT-09026	
90	1" 1/4	0.460	15	SEBT-09033	
90	1" 1/2	0.470	15	SEBT-09040	
90	2"	0.550	15	SEBT-09050	
110	1"	0.490	15	SEBT-11026	
110	1" 1/4	0.510	15	SEBT-11033	
110	1" 1/2	0.520	15	SEBT-11040	
110	2"	0.630	15	SEBT-11050	
125	1"	0.490	15	SEBT-12526	
125	1" 1/4	0.520	15	SEBT-12533	
125	1" 1/2	0.540	15	SEBT-12540	
125	2"	0.630	15	SEBT-12550	
140	1"	0.510	12	SEBT-14026	
140	1" 1/4	0.550	12	SEBT-14033	
140	1"1/2	0.560	12	SEBT-14040	
140	2"	0.660	12	SEBT-14050	
160	1"	0.560	10	SEBT-16026	
160	1" 1/4	0.590	10	SEBT-16033	
160	1" 1/2	0.600	10	SEBT-16040	
160	2"	0.710	10	SEBT-16050	
180-200	1"	0.880	10	SEBT-18026	
180-200	1" 1/4	0.920	10	SEBT-18033	
180-200	1" 1/2	0.940	10	SEBT-18040	
180-200	2"	0.100	10	SEBT-18050	
225-250	1"	0.900	10	SEBT-22526	
225-250	1" 1/4	0.940	10	SEBT-22533	
225-250	1"1/2	0.980	10	SEBT-22540	
225-250	2"	1.060	10	SEBT-22550	
280-315	1"	0.960	5	SEBT-28026	
280-315	1" 1/4	0.990	5	SEBT-28033	
280-315	1" 1/2	1.010	5	SEBT-28040	
280-315	2"	1.090	5	SEBT-28050	



POLYWATER™ valve

Complies with standard EN 12201 / Anti-clockwise closing / Clockwise closing valve (FSH) available on request / PE100 SDR11 / Maximum operating pressure: 16 Bar for water pipe / 30 x 30 mm stem square / Connection to HDPE pipe by electrofusion coupling or butt welding.



PWTS

1/4-turn ball valve with full bore

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	0.900	1	PWTS-20	
25	0.905	1	PWTS-25	
32	0.920	1	PWTS-32	
40	0.930	1	PWTS-40	



PWTC

1/4-turn cylinder plug valve

ND (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50	1.850	1	PWTC-50	
63	1.900	1	PWTC-63	
75	1.950	1	PWTC-75	
90	2.250	1	PWTC-90	
110	3.950	1	PWTC-110	
125	4.005	1	PWTC-125	
160	-	1	PWTC-160	

RELATED PRODUCTS



PBST



RDE



PBE



Welding machines

For materials: HDPE, PP, PP-R / Standard composition: Carrying bag (ELEKTRA LIGHT) or carrying case (ELEKTRA S, M, or XL), Laser scanner, Manual scraper, Universal 90° connector 4-4.7 / Available on request (Accessories): USB flash drive with Ritmo transfer software



MEL-20-125 ELEKTRA-LIGHT

Elektra machine / Up to 125 mm

Working Range (ND)	Dimensions (mm)	Welding Voltage (volts)	Weight (kg/p)	ADG ref.	Price in € excl. tax
20 / 125 mm	200 x 250 x 240	8 / 48	7.000	MEL-20-125	



ELEKTRA M

Elektra machine / Up to 315 mm

Working Range (ND)	Dimensions (mm)	Welding Voltage (volts)	Weight (kg/p)	ADG ref.	Price in € excl. tax
20 / 315 mm	246 x 390 x 240	8 / 48	9.200	ELEKTRA-M	



ELEKTRA S

Elektra machine / Up to 200 mm

Working Range (ND)	Dimensions (mm)	Welding Voltage (volts)	Weight (kg/p)	ADG ref.	Price in € excl. tax
20 / 200 mm	246 x 390 x 240	8 / 48	8.400	ELEKTRA-S	

ELEKTRA XL

Elektra machine / Up to 1600 mm

Working Range (ND)	Dimensions (mm)	Welding Voltage (volts)	Weight (kg/p)	ADG ref.	Price in € excl. tax
20 / 1600 mm	246 x 390 x 240	8 / 48 or 8 / 80	9.400	ELEKTRA-XL	



LIGHT-WEIGHT

UNIVERSAL

COMPACT

Tools

TEABK

Scraper



Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
0.100	1	TEABK	

TURBO

Turbo scraper



ND (mm)	Scraping length	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	45	0.370	1	TURBO20	
25	45	0.470	1	TURBO25	
32	45	0.640	1	TURBO32	
40	55	0.820	1	TURBO40	
50	55	1.020	1	TURBO50	
63	55	1.290	1	TURBO63	

For materials: PE, PP, PP-R, OTHER
 Diameter 20 to 63 / SDR 6 TO 11

RTC

Large-diameter scraper



Range *AE (ND)	Range *AI (ND)	Scraping length	Dimensions (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
50 to 160 mm	38 to 154 mm	114 mm	380 x 120 x 250	2.5	RTC-160	
75 to 315 mm	58 to 300 mm	137 mm	510 x 310 x 410	4.5	RTC-315	
355 to 710 mm	290 to 675 mm	530 mm	825 x 805 x 695	16.0	RTC-710	

For materials: PE, PP, PP-R, OTHER / Standard composition: Pipe scraper - adapter kit (except RCT 710) / Replacement blade - wrench (for RTC 315) / Aluminium carrying case / Screwdriver and small utility knife

* AE: External working range

* AI: Internal working range

PS

Large-diameter scraper



Range *AE (ND)	Range *AI (ND)	Scraping length	Dimensions (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
75 to 200 mm	61 to 172 mm	129 mm	595 x 272 x 190	2.8	PS-180	
137 to 426 mm	130 to 391 mm	150 mm	790 x 400 x 400	4.5	PS-400	

For materials: PE, PP, PP-R, OTHER

Standard composition: PS 180 Supplied with carrying bag and spare blade. PS 400 Supplied with carrying bag and spare blade

* AE: External working range

* AI: Internal working range

C3 AC

Pipe cutting shears



Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
-	1	C3-AC	

SME

Bevellers



Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
-	1	SME1	
-	1	SME2	

Diameter up to 350 / SME 1: Made of plastic / SME 2: Made from a special aluminium alloy / Non-stick coating (PTFE)

TEAST-2

Wrench for house connection



Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
0.2	1	TEAST-02	

Tools

TEAST

Drilling key for house connection



Weight (kg/p)	Square	Pack of	ADG ref.	Price in € excl. tax
0.6	17 mm	1	TEAST-00	
0.6	12 mm	1	TEAST-01	

ALIGNER 63

Aligner



Working Range (ND)	Weight (kg/p)	Dimensions	ADG ref.	Price in € excl. tax
20 to 63 mm	3.4	600 x 160 x 116	ALIGNER-63	

ALIGNER 160 LIGHT

Aligner



Working Range (ND)	Weight (kg/p)	Dimensions	ADG ref.	Price in € excl. tax
63 to 160 mm	9.0	980 x 430 x 260	ALIGNER-160-L	

ALIGNER 125-150

Aligner



Working Range (ND)	Welding	Weight (kg/p)	Dimensions	ADG ref.	Price in € excl. tax
125 to 500 mm	45° - 90° In-line - Tee	38.0	1815 x 610 x 410	ALIGNER-125-500 (2 arms)	
125 to 500 mm	45° - 90° In-line - Tee	52.0	1815 x 1230 x 410	ALIGNER-125-500 (3 arms)	



ADG is the specialist in connection and repair solutions for drinking water supply networks. Connecting parts, fittings and repair couplings, ADG eau also supplies equipment for sectioning and protection, as well as solutions to gain access to hydraulic infrastructures (chambers).

Under the Claire Pro brand, it markets a range of solutions to manage fluids (water and gas) in private networks, for buildings and industry.

Materials selected to guarantee efficiency and performance



A highly efficient logistics infrastructure



5,000 ml
of shelf space

9,000 m²
of stock

11,000
references in stock



ADG
GROUPE CLAIRE

Network solutions





Network solutions

Connection & Repair

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Repair coupling MR

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For information on flange drilling templates, see p.529



- Use on all pipe materials
- GFIX system for high reliability in pipe sealing and locking



- Use on all types of pipes rigid and semi-rigid
- Single-band or multi-band models
- Effective and long-lasting seal

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— Flange adaptors for PE/PVC/PVC biaxially oriented pipe

AL

ADG FIT LOCK restrained flange adaptor for HDPE/PVC/BIAXIALLY ORIENTED PVC pipes / Ductile cast iron body / Ductile cast iron companion flange / EPDM seals / Epoxy coating / Stainless steel bolts with Teflon-coated nuts / Flange drilling in accordance with EN 1092-2



ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
40	40	10/16	2.3	1	AL-40	
40/50	50	10/16	2.4	1	AL-50	
50/60/65	63	10/16	2.8	1	AL-63	
60-75	75	10/16	3.0	1	AL-75	
80	90	10/16	4.3	1	AL-90	
100	110	10/16	4.5	1	AL-110	
100/125	125	10/16	5.6	1	AL-125	
125	140	10/16	5.7	1	AL-140	
150	160	10/16	6.6	1	AL-160	
150	180	10/16	-	1	AL-180	
200	200	10/16	11.7	1	AL-200	
200	225	10/16	-	1	AL-225	
250	250	10/16	-	1	AL-250	
300	315	10/16	-	1	AL-315	



— Flange adaptors for PE/PVC/PVC biaxially oriented pipe

UR51

Restrained flange adaptor for HDPE/PVC/PVC BIAXIALLY ORIENTED pipes / Ductile cast iron body / Ductile cast iron companion flange / EPDM seals / Bichromated steel clamping ring / Geomet-coated bolts / Flange drilling in accordance with EN 1092-2



ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
200	225	10/16	17.5	1	UR51-225	
250	250	10/16	21.4	1	UR51-250	
250	280	10/16	21.7	1	UR51-280	
300	315	10/16	27.5	1	UR51-315	
400	400	10/16	67.5	1	UR51-400	
500	500	10	76.0	1	UR51-500	
500	506	16	96.0	1	UR51-506	
600	630	10	89.0	1	UR51-630	
600	630	16	137.0	1	UR51-636	

UR54

Restrained flange adaptor for HDPE/PVC/PVC BIAXIALLY ORIENTED pipes / Ductile cast iron body / Ductile cast iron companion flange / EPDM seals / Bichromated steel clamping ring / Geomet-coated bolts / Flange drilling in accordance with EN 1092-2



ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
100	110	25	7.5	1	UR54-110	
150	160	25	12.5	1	UR54-160	
200	200	25	20.0	1	UR54-200	
250	250	25	29.5	1	UR54-250	
300	315	25	35.0	1	UR54-315	



Multi-material flange adaptors

AGTLT

Wide tolerance restrained flange adapter



ND (mm)	Tolerance (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
50	39 - 52	10/16	7.0	AGTLT-7039	
50	49 - 64	10/16	8.5	AGTLT-7049	
60-65	63 - 83	10/16	7.2	AGTLT-7063	
80	78 - 103	10/16	9.5	AGTLT-7078	
80-100	87 - 117	10/16	10.0	AGTLT-7087	
100	100 - 130	10/16	11.0	AGTLT-7100	
125	117 - 147	10/16	13.5	AGTLT-7117	
150	152 - 182	10/16	17.0	AGTLT-7152	
200	198 - 228	10/16	20.0	AGTLT-7198	
250	245 - 285	10/16	30.0	AGTLT-7245	
300	300 - 340	10/16	30.0	AGTLT-7310	
300	340 - 380	16	48.4	AGTLT-7340-300	
350	340 - 380	10/16	41.2	AGTLT-7340	
400	390 - 430	10	50.8	AGTLT-7390	
400	390 - 430	16	52.8	AGTLT-7390-A	

Angular deviation: 4°

Anti-flow ring, see p.270

ALT

Wide tolerance flange adapter / Body and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ / EPDM seal / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement, PVC, biaxially-oriented PVC / With flange face



ND (mm)	Tolerance (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65	63-85	10/16	4.300	ALT-3063	
80/100	84-108	10/16	5.100	ALT-3084	
100	107-130	10/16	5.600	ALT-3107	
125	132-154	10/16	7.200	ALT-3132	
150	158-184	10/16	8.100	ALT-3158	
200	180-205	10/16	11.900	ALT-3180	
200	218-235	10/16	11.100	ALT-3218	
250	245-270	10/16	15.200	ALT-3245	
250	270-295	10/16	17.500	ALT-3270	
300	310-335	10/16	21.300	ALT-3310	



Multi-material flange adaptors

ALTLT

Very wide tolerance flange adapter / Body and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ / With long body / EPDM seals / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement, PVC, biaxially-oriented PVC / With flange face



ND (mm)	Tolerance (mm)	Body (Lgth/mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40/50	40 - 63	84	10/16	3.4	ALTLT-6040	
50/60/65	54 - 77	84	10/16	4.5	ALTLT-6054	
60-65	67 - 90	84	10/16	4.8	ALTLT-6067	
80/100	82 - 112	84	10/16	5.5	ALTLT-6082	
100	105 - 135	84	10/16	7.7	ALTLT-6105	
125	125 - 155	94	10/16	7.4	ALTLT-6125	
125/150	140 - 170	84	10/16	9.5	ALTLT-6140	
150	159 - 189	84	10/16	8.7	ALTLT-6159	
200	180 - 210	84	10/16	9.8	ALTLT-6180	
200	216 - 256	100	10/16	18.0	ALTLT-6216	
250	246 - 286	112	10/16	18.3	ALTLT-6246	
250	270 - 310	100	10/16	25.2	ALTLT-6270	
300	295 - 335	112	10/16	23.1	ALTLT-6295	
300	325 - 365	100	10/16	30.4	ALTLT-6325	

ATLT

Flange adapter / Body and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ GSK certification / EPDM seals / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement and PVC



ND (mm)	Tolerance (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
350	343 - 378	10/16	31.0	ATLT-8343	
350	375 - 410	10/16	34.0	ATLT-8375	
400	396 - 431	10	35.5	ATLT-8396*	
400	420 - 455	10	37.5	ATLT-8420*	
450	457 - 492	10	41.0	ATLT-8457*	
500	497 - 532	10	51.0	ATLT-8497*	
500	533 - 568	10	55.0	ATLT-8533*	
600	625 - 660	10	77.0	ATLT-8625*	
700	710 - 745	10	-	ATLT-8710	
800	810 - 845	10	-	ATLT-8810	
900	934 - 975	10	177.0	ATLT-8934	
1000	1034 - 1075	10	-	ATLT-81034	
1200	1219 - 1260	10	290.0	ATLT-81219	

* Please contact us for ISO PN16 drilled flanges



Multi-material flange adaptors

UR13

Flange adapter with very large tolerance flange face / Body and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ with GSK certification / EPDM seals / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement and PVC



ND (mm)	Tolerance (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
300	345-375	10/16	32.78	UR13-9345	
350	353-387	10/16	30.36	UR13-9353	
350	375-405	10/16	33.74	UR13-9375	
400	400-435	10/16	39.0	UR13-9400	
400	435-470	10/16	53.5	UR13-9435	
400	470-505	10/16	57.0	UR13-9470	
450	475-510	10/16	58.5	UR13-9475	
500	499-534	10/16	56.0	UR13-9499	
500	530-565	10/16	56.5	UR13-9530	
500	575-610	10/16	74.5	UR13-9575	
600	610-645	10/16	63.5	UR13-9610	
600	645-680	10/16	87.0	UR13-9645	
700	710-745	10/16	89.5	UR13-9710	
700	758-793	10/16	110.5	UR13-9758	
800	810-845	10/16	99.0	UR13-9810	
800	867-904	10/16	128.5	UR13-9867	
900	913-949	10/16	135.0	UR13-9913	
1000	1016-1052	10/16	174.0	UR13-91016	
1100	1108-1133	10/16	183.0	UR13-91108	
1100	1142-1167	10/16	192.0	UR13-91142	
1200	1209-1234	10/16	212.0	UR13-91209	
1200	1245-1270	10/16	215.0	UR13-91245	
1400	1412-1437	10/16	259.0	UR13-91412	
1400	1452-1477	10/16	261.0	UR13-91452	



Multi-material flange adaptors

UR55

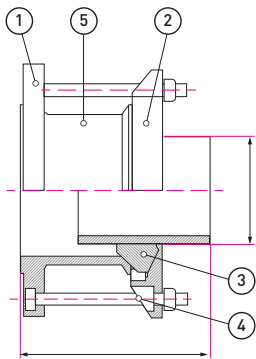
Flange adaptor for steel pipes / Body and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ / EPDM seal / CL8.8 zinc-plated steel bolts coated with Geomet / Can be used for ductile cast iron pipe



ND (mm)	Tolerance (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50	60.3-63	10/16	3.46	1	UR55-050	
60/65	76.1-77	10/16	3.92	1	UR55-065	
80	88.9	10/16	5.02	1	UR55-080	
100	114.3-118	10/16	5.54	1	UR55-100	
125	139.7	10/16	6.9	1	UR55-125	
150	168.3-170	10/16	8.22	1	UR55-150	
200	213.1-222	10/16	11.72	1	UR55-200	
250	273.1-274	10/16	15.9	1	UR55-250	
300	323.8-326	10/16	19.54	1	UR55-300	



Multi-material flange adaptors



Flange adaptor

Cast iron adaptor / Galvanised bolts / 1) Ductile cast iron body / 2) Ductile cast iron companion flange / 3) Food-grade rubber seal / 4) Hot-dip galvanised bolts (stainless steel on option) / 5) Epoxy paint / Working pressure = 16 bar

Description	ND (mm)	Tolerance (mm)	Qty of bolts	CLS ref.	Price in € excl. tax
Standard tolerance					
Standard tolerance adaptor	50	59 - 72	4 Ø 12	NADBR50	
	60-65	72 - 85	4 Ø 12	NADBR60	
	80	88 - 103	4 Ø 12	NADBR80	
	100	109 - 128	4 Ø 12	NADBR100	
	125	132 - 146	4 Ø 12	NADBR125	
	125 T	138 - 153	4 Ø 12	NADBR125T	
	150	159 - 182	4 Ø 16	NADBR150	
	175	192 - 210	4 Ø 16	NADBR175	
	200	218 - 235	4 Ø 16	NADBR200	
	225-250	250 - 267	4 Ø 16	NADBR225	
	250	272 - 289	4 Ø 16	NADBR250	
	300	322 - 339	4 Ø 16	NADBR300	
	300 T	332 - 349	4 Ø 16	NADBR300T	

Description	ND (mm)	Tolerance (mm)	Qty of bolts	CLS ref.	Price in € excl. tax
High tolerance					
High tolerance adaptor	40 / 50	39 - 69	4 Ø 12	NADBR40GT	
	40 / 50 T	46 - 76	4 Ø 12	NADBR40TGT	
	50 / 60 / 65	57 - 87	4 Ø 12	NADBR50GT	
	65 / 80	78 - 108	4 Ø 12	NADBR65GT	
	80	87 - 117	4 Ø 12	NADBR80GT	
	100	100 - 130	4 Ø 12	NADBR100GT	
	100 T	117 - 147	4 Ø 12	NADBR100TGT	
	125	129 - 159	4 Ø 12	NADBR125GT	
	150	152 - 182	4 Ø 16	NADBR150GT	
	200	198 - 228	4 Ø 16	NADBR200GT	
	225 - 250	245 - 280	4 Ø 16	NADBR225GT	
	300	314 - 349	4 Ø 16	NADBR300GT	

Other dimensions, please contact us.

STAINLESS STEEL
BOLTS ON REQUEST



Dismantling coupling



JDD

Dismantling joint / Ductile cast iron body coated with epoxy powder, minimum thickness 250µ / EPDM seal / CI4.8 zinc-plated steel bolts / Flange drilling in accordance with EN 1092-2 / Adjustment +/- 25 mm

ND (mm)	(L) mean (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50	175	10/16	9.0	1	JDD-50	
60	175	10/16	11.1	1	JDD-60	
65	175	10/16	11.1	1	JDD-65	
80	175	10/16	15.0	1	JDD-80	
100	175	10/16	15.8	1	JDD-100	
125	180	10/16	21.4	1	JDD-125	
150	180	10/16	26.7	1	JDD-150	
200	180	10	36.7	1	JDD-200	
200	180	16	-	1	JDD-206	
250	180	10	51.1	1	JDD-250	
250	180	16	-	1	JDD-256	
300	200	10	67.8	1	JDD-300	
300	200	16	-	1	JDD-306	
350	200	10	71.0	1	JDD-350	
350	200	16	-	1	JDD-356	
400	200	10	95.4	1	JDD-400	
400	200	16	-	1	JDD-406	
500	202	10	196.0	1	JDD-500	
500	202	16	-	1	JDD-506	
600	202	10	248.0	1	JDD-600	
600	202	16	-	1	JDD-606	

Other dimensions, other nominal pressures, please contact us.



Connecting flanges

BL

Loose flange for PVC pipe / Ductile cast iron body / Epoxy coating / EPDM packing seal / Flange drilling according to EN 1092.2



ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	50	10/16	3.100	BL-50	
60-65	63	10/16	4.200	BL-63	
60-65	75	10/16	4.400	BL-75	
80	90	10/16	5.000	BL-90	
100	110	10/16	6.900	BL-110	
125	125	10/16	9.100	BL125	
125	140	10/16	9.200	BL-140	
150	160	10/16	11.000	BL-160	
200	200	10/16	15.800	BL-200	
250	250	10/16	29.400	BL-250	
300	315	10/16	33.100	BL-315	

BRL

LOCK restrained flange adaptor for HDPE/PVC/BIAXIALLY ORIENTED PVC pipes / Ductile cast iron body / Epoxy coating / EPDM packing seal / Geomet-coated ductile cast iron clamping ring / Flange drilling in accordance with EN 1092.2



ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50/60/65	63	10/16	2.8	1	BRL-63	
60-65	75	10/16	3.2	1	BRL-75	
80	90	10/16	4.0	1	BRL-90	
100	110	10/16	5.1	1	BRL-110	
125	125	10/16	6.4	1	BRL-125	
140	140	10/16	6.6	1	BRL-140	
150	160	10/16	9.0	1	BRL-160	
200	200	10/16	12.8	1	BRL-200	
250	250	10/16	22.8	1	BRL-250	
300	315	10/16	28.7	1	BRL-315	



Connecting flanges

NEW



UR53/BRAPP

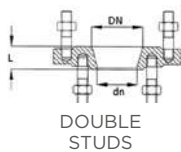
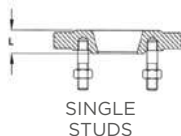
Locked flange for PVC/HDPE PIPE / Ductile cast iron body / Epoxy coating / EPDM packing seal / Brass clamping ring / Flange drilling in accordance with EN 1092.2

ND (mm)	For pipe Ext. Diam. (mm)	PN (Bar)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
50-65	63	10/16	2.2	1	UR53-63	
50-65	75	10/16	2.2	1	UR53-75	
80	90	10/16	2.7	1	UR53-90	
100	110	10/16	3.4	1	UR53-110	
125	125	10/16	4.2	1	UR53-125	
140	140	10/16	4.2	1	UR53-140	
150	160	10/16	6.0	1	UR53-160	
200	200	10/16	9.5	1	UR53-200	

Reducing flanges or Flange converters

BRG

Studded reducing flange / Complies with EN545 standard requirements / Made of ductile cast iron with epoxy powder coating, minimum thickness 250μ / Geomet-coated bolts



Dimensions ND x ND (mm)	PN (Bar)	Studs	Weight (kg/p)	ADG ref.	Price in € excl. tax
60 x 40	16	D	6.5	BRG-6040	
80 x 40	16	D	6.0	BRG-8040	
80 x 50	16	D	9.0	BRG-8050	
80 x 60	16	D	8.5	BRG-8060	
80 x 65	16	D	8.5	BRG-8065	
100 x 40	16	D	6.0	BRG-10040	
100 x 60	16	D	8.0	BRG-10060	
100 x 65	16	D	8.0	BRG-10065	
100 x 80	16	D	8.0	BRG-10080	
125 x 60	16	S	-	BRG-12560	
125 x 65	16	S	-	BRG-12565	
125 x 80	16	D	10.5	BRG-12580	
125 x 100	16	D	12.0	BRG-125100	
150 x 60	16	S	10.0	BRG-15060	
150 x 65	16	S	10.0	BRG-15065	
150 x 80	16	S	10.5	BRG-15080	
150 x 100	16	D	12.5	BRG-150100	
150 x 125	16	D	16.5	BRG-150125	
200 x 60	10	S	15.5	BRG-20060	
200 x 65	10	S	15.5	BRG-20065	
200 x 80	10	S	16.0	BRG-20080	
200 x 100	10	S	16.0	BRG-200100	
200 x 100	16	S	-	BRG-206100	
200 x 125	10	S	-	BRG-200125	
200 x 125	16	S	-	BRG-206125	
200 x 150	10	D	18.5	BRG-200150	
200 x 150	16	D	-	BRG-206150	
250 x 150	10	S	22.0	BRG-250150	
250 x 200	10	D	23.0	BRG-250200	
300 x 200	10	S	27.0	BRG-300200	
300 x 250	10	D	27.5	BRG-300250	

- Allows the nominal diameter between two flanges to be reduced by one or more sizes

Reducing flanges or Flange converters

Flange converter

Epoxy coated steel flange / Body: S235 steel plate flange / Paint: epoxy / Bolts: Stainless steel on request.



CLS ref.	Price in € excl. tax

Manufactured up to ND 2000 on request.

Please indicate: Side 1: ND...

PN...

Side 2: ND...

PN...

- Flange to connect 2 parts of different ND or PN, made to measure, with the option of single or double studs with nuts and washers.

- Can be made for VP-type studs (Ville de Paris).

Plates



RFBPP

Solid plate

ND (mm)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	2.0	RFBPP-40	
50	10/16	2.5	RFBPP-50	
60/65	10/16	3.2	RFBPP-60	
80	10/16	3.5	RFBPP-80	
100	10/16	4.8	RFBPP-100	
125	10/16	5.4	RFBPP-125	
150	10/16	7.3	RFBPP-150	
200	10/16	10.8	RFBPP-200	
250	10	17.2	RFBPP-250	
250	16	17.2	RFBPP-256	
300	10	26.6	RFBPP-300	
300	16	26.6	RFBPP-306	
350	10	38.0	RFBPP-350	
350	16	38.0	RFBPP-356	
400	10	62.0	RFBPP-400	
400	16	62.0	RFBPP-406	
500	10	90.0	RFBPP-500	
500	16	90.0	RFBPP-506	



Plates

RFBPT
Metric pitch tapped plate



ND (mm)	Tapping (Metric pitch)	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	40/300	10/16	2.0	RFBPT-40PB	
40	55/300	10/16	2.0	RFBPT-40GB	
50	40/300	10/16	2.3	RFBPT-50PB	
50	55/300	10/16	2.3	RFBPT-50GB	
60/65	40/300	10/16	2.6	RFBPT-60PB	
60/65	55/300	10/16	2.6	RFBPT-60GB	
80	40/300	10/16	3.1	RFBPT-80PB	
80	55/300	10/16	3.1	RFBPT-80GB	
100	40/300	10/16	4.1	RFBPT-100PB	
100	55/300	10/16	4.1	RFBPT-100GB	
125	40/300	10/16	5.4	RFBPT-125PB	
125	55/300	10/16	5.4	RFBPT-125GB	
150	40/300	10/16	6.8	RFBPT-150PB	
150	55/300	10/16	6.8	RFBPT-150GB	
200	40/300	10/16	10.3	RFBPT-200PB	
200	55/300	10/16	10.3	RFBPT-200GB	
250	40/300	10	15.9	RFBPT-250PB	
250	55/300	10	15.9	RFBPT-250GB	
300	40/300	10	22.4	RFBPT-300PB	
300	55/300	10	22.4	RFBPT-300GB	



Plates

RFBPT
Gas pitch tapped plate



ND (mm)	Tapping (")	PN (Bar)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	3/4	10/16	1.8	RFBPT-4020	
40	1	10/16	1.8	RFBPT-4026	
40	1"1/4	10/16	1.8	RFBPT-4033	
40	1"1/2	10/16	1.8	RFBPT-4040	
40	2	10/16	1.6	RFBPT-4050	
60/65	3/4	10/16	3.1	RFBPT-6020	
60/65	1	10/16	3.1	RFBPT-6026	
60/65	1"1/4	10/16	3.0	RFBPT-6033	
60/65	1"1/2	10/16	3.0	RFBPT-6040	
60/65	2	10/16	2.9	RFBPT-6050	
80	3/4	10/16	3.4	RFBPT-8020	
80	1	10/16	3.4	RFBPT-8026	
80	1"1/4	10/16	3.3	RFBPT-8033	
80	1"1/2	10/16	3.3	RFBPT-8040	
80	2	10/16	3.2	RFBPT-8050	
100	3/4	10/16	4.7	RFBPT-10020	
100	1	10/16	4.7	RFBPT-10026	
100	1"1/4	10/16	4.6	RFBPT-10033	
100	1"1/2	10/16	4.6	RFBPT-10040	
100	2	10/16	4.5	RFBPT-10050	
125	1"1/4	10/16	5.3	RFBPT-12533	
125	1"1/2	10/16	5.2	RFBPT-12540	
125	2	10/16	5.1	RFBPT-12550	
150	1"1/4	10/16	7.1	RFBPT-15033	
150	1"1/2	10/16	7.1	RFBPT-15040	
150	2	10/16	7.0	RFBPT-15050	
200	1"1/2	10	10.6	RFBPT-20040	
200	2	10	10.5	RFBPT-20050	
250	1"1/2	10	17.0	RFBPT-25040	
250	2	10	16.8	RFBPT-25050	
300	1"1/2	10	26.3	RFBPT-30040	
300	2	10	26.2	RFBPT-30050	



Repair collars



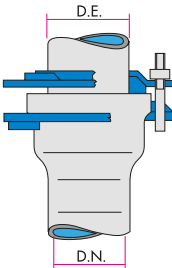
Flange



Compression fitting
(Please contact us)



Steel flange larger
than ND 1100



NOTE: repairing a leak on
a socket joint or compression
fitting.

Type 105 repair collar

Cast iron or steel collar / Zinc-plated or Geomet bolts

ND (mm)	Tolerance (mm)	Weight (kg)*	CLS ref.	Price in € excl. tax
40	60 - 100	5	NB040IT	
50	70 - 112	5	NB050IT	
60	77 - 82	5	NB060IT	
80	100 - 106	7	NB080IT	
100	118 - 125	9	NB100	
125	146 - 156	9.5	NB125IT	
150	169 - 180	6.8	NB150	
175	204 - 218	10	NB175IT	
200	220 - 234	8.3	NB200	
225	250 - 266	15.5	NB225IT	
250	276 - 294	9	NB250IT	
300	328 - 346	11.6	NB300IT	
350	380 - 390	14.8	NB350IT	

Other dimensions, please contact us.

- Used to prevent or repair leaks on a socket joint or collar/clamp.
 - Installation with no need to interrupt the water supply.
- Easy to fit without the need for spacers or lugs to match the pipe.
 - For use on lead joints, express seals and standard joints.



Repair collars



Type 105 repair collar

Cast iron or steel collar / Zinc-plated or Geomet bolts

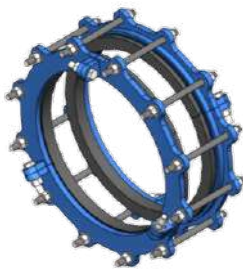
ND (mm)	Tolerance (mm)	Weight (kg)*	CLS ref.	Price in € excl. tax
400	425 - 433	21.9	VB400	
450	476 - 484	28	VB450	
500	528 - 536	36.6	VB500	
600	631 - 639	56	VB600	
700	734 - 742	60	VB700	
800	838 - 846	71	VB800	
900	941 - 949	94	VB900	
1000	1044 - 1052	112	VB1000	
1100	1148 - 1156	129	VB1100	
1200	1251 - 1259	268	VB1200	
1400	1458 - 1466	286	VB1400	
1500	1561 - 1569	316	VB1500	
1600	1664 - 1672	362	VB1600	
1800	1871 - 1879	388	VB1800	
2000	2078 - 2086	426	VB2000	

Other dimensions, please contact us.

- Use: repair or prevention of a leak on a socket joint. Can be used on lead joints, express seals and standard joints or compression fittings.
- Body: SG cast iron up to ND 1100, mechanically-welded steel up to ND 2000.
 - Rubber: food-grade elastomer.
 - Bolts: zinc-plated or Geomet.



Repair collars



Made-to-measure parts

Compression fitting on base type 105

Epoxy coated steel compression fitting / Geomet bolts / Double seal

CLS ref.	Price in € excl. tax

- This type of part is used to prevent or repair a leak on a cast iron pipe sleeve coupling.
 - Installation requiring no interruption to the water supply.
 - Easy to fit without the need for spacers or lugs to match the pipe.
- For use on lead joints, express seals and standard joints.
 - Body: Mechanically-welded steel, from ND 400.
 - Seal: provided by the compression of a V-ring gasket. Food-grade elastomer.
 - Paint: Epoxy.



Collar 105 XL



Repair collar, type 105 XL

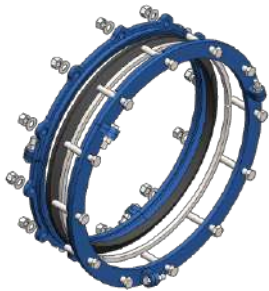
Epoxy coated steel collar / Geomet bolts

CLS ref.	Price in € excl. tax

- Used to prevent or repair leaks on a socket joint on concrete and steel cylinder core concrete pipes.
 - Installation with no need to interrupt the water supply.
 - Easy to fit without the need for spacers or lugs to match the pipe.
- Body: Mechanically-welded steel, from ND 300.
 - Seal: provided by compression of an EPDM circumferential seal.
 - Paint: Epoxy.
 - Bolts: Geomet.



Repair collars



Repair kit on steel plate core for Bonna pipe

Epoxy coated steel kit / Geomet bolts

ND	Outside ø (mm)	ø Steel plate core (mm)		CLS ref.	Price in € excl. tax
		Male end piece	Female end piece		
400	520	448	480	VKITBONNA400	
500	630	548	588	VKITBONNA500	
600	730	648	688	VKITBONNA600	
700	840	752	792	VKITBONNA700	
800	950	852	892	VKITBONNA800	
900	1060	956	1006	VKITBONNA900	
1000	1164	1056	1106	VKITBONNA1000	

Reference in accordance with the dimensional characteristics of concrete pipes with steel cylinder cores type ATM.



- Used to repair a socket joint on a "Bonna" steel cylinder core concrete pipe.
 - The seal between the male and female end pieces is made by removing the lead joint.
 - Body: mechanically-welded steel.
 - Seal: EPDM V-ring gasket.
 - Paint: Epoxy.
 - Bolts: Geomet.
- Contents of the kit:
 - 1 gasket
 - 1 steel square 14x14 to be welded to the female end piece
 - 1 collar (assembly of 3 to 4 segments depending on ND)
 - 1 companion pipe clamp (assembly of 3 to 4 segments depending on ND)
 - 1 set of M20 bolts to connect the collar/ companion collar (Qty depending on ND)

Manufacture of parts of all sizes to match your requirements: steel or stainless steel can be found in the EIE catalogue - WORKING SOLUTIONS, see p.466



— Joiner couplings for joining and repairing PVC/ biaxially oriented PVC

M

ADG FIT coupling for PVC/ biaxially oriented PVC / Ductile cast iron body / Ductile cast iron companion flange / EPDM seals / Epoxy coating / Geomet-coated bolts / Allowable operating pressure: 16 Bar



For PVC pipe Ext. Diam. (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
40	2.200	1	M-40	
50	2.400	1	M-50	
63	3.000	1	M-63	
75	3.200	1	M-75	
90	3.800	1	M-90	
110	5.600	1	M-110	
125	6.800	1	M-125	
140	7.700	1	M-140	
160	8.200	1	M-160	
200	10.800	1	M-200	

— Joiner couplings and repair couplings for PE/PVC/ biaxially-oriented PVC

ML

ADG FIT LOCK restrained coupling for PEHD/PVC/BIAXIALLY ORIENTED PVC pipes / Ductile cast iron body / Ductile cast iron companion flange / EPDM seals / Brass clamping ring / Epoxy coating / Stainless steel bolts with Teflon-coated nuts / allowable operating pressure: 16 Bar



For pipe Ext. Diam. (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
40	1.9	1	ML-40	
50	2.0	1	ML-50	
63	2.7	1	ML-63	
75	3.7	1	ML-75	
90	4.8	1	ML-90	
110	5.5	1	ML-110	
125	5.9	1	ML-125	
140	7.5	1	ML-140	
160	9.0	1	ML-160	
180	-	1	ML-180	
200	18.5	1	ML-200	
225	-	1	ML-225	
250	-	1	ML-250	
315	-	1	ML-315	



— Repair couplings for PE/PVC/biaxially oriented PVC pipes

UR41

Double-cone repair coupling for HDPE/PVC/BIAXIALLY-ORIENTED PVC pipe / For HDPE: Repair of butt welds or electrofusion coupling / For PVC: Repair of flange rings with seal or bonded couplings / Ductile cast iron body / Epoxy coating / EPDM packing seal / Steel clamping ring / Geomet-coated bolts / MOP: 16 bar



Diam. (mm)	For pipe Ext. Diam. (mm)	Total length (mm)	Cavity length (mm)	Pack of	ADG ref.	Price in € excl. tax
114	63	304	130	1	UR41-63	
126	75	319	145	1	UR41-75	
140	90	324	150	1	UR41-90	
165	110	354	180	1	UR41-110	
180	125	358	180	1	UR41-125	
195	140	360	210	1	UR41-140	
225	160	410	210	1	UR41-160	
245	180	405	240	1	UR41-180	
290	200	428	250	1	UR41-200	

UR31

Two-part repair coupling for HDPE/PVC/BIAXIALLY ORIENTED PVC pipes / Ductile cast iron body / Epoxy coating / EPDM packing seal / Steel clamping ring / Geomet-coated bolts / MOP: 16 bar



For pipe Ext. Diam. (mm)	Length (mm)	Useful length (mm)	Pack of	ADG ref.	Price in € excl. tax
63	304	172	1	UR31-63	
75	304	172	1	UR31-75	
90	304	172	1	UR31-90	
110	304	172	1	UR31-110	
125	354	222	1	UR31-125	
140	354	222	1	UR31-140	
160	408	272	1	UR31-160	
180	408	272	1	UR31-180	
200	424	272	1	UR31-200	



Repair couplings for PE/PVC/biaxially oriented PVC pipes

MR16B

Sliding joiner or repair coupling for PVC/BIAXIALLY-ORIENTED PVC pipe / Made of BIAXIALLY-ORIENTED PVC



For pipe Ext. Diam. (mm)	Length (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
110	420	0.83	1	MR16B-110	
125	455	1.17	1	MR16B-125	
140	465	1.54	1	MR16B-140	
160	490	1.91	1	MR16B-160	
200	530	3.41	1	MR16B-200	
225	580	4.87	1	MR16B-225	
250	620	6.06	1	MR16B-250	
315	715	11.34	1	MR16B-315	
400	820	21.12	1	MR16B-400	

Multi-material joiner couplings

INIX

Anti-flow ring / AISI 304 stainless steel / For HDPE SDR11 pipe



ND (mm)	ADG ref.	Price in € excl. tax	ND (mm)	ADG ref.	Price in € excl. tax
63	INIX-63B		180	INIX-180B	
75	INIX-75B		200	INIX-200B	
90	INIX-90B		225	INIX-225B	
110	INIX-110B		250	INIX-250B	
125	INIX-125B		280	INIX-280B	
140	INIX-140B		315	INIX-315B	
160	INIX-160B				



Multi-material joiner couplings

RGTLT

High tolerance restrained coupling / Body and companion flange in ductile cast iron coated with epoxy powder, minimum thickness 250μ, with GSK certification / With long sliding coupling / EPDM seals / Stainless steel bolts / Can be used on all types of pipes / With anti-flow ring / allowable operating pressure: 16 Bar

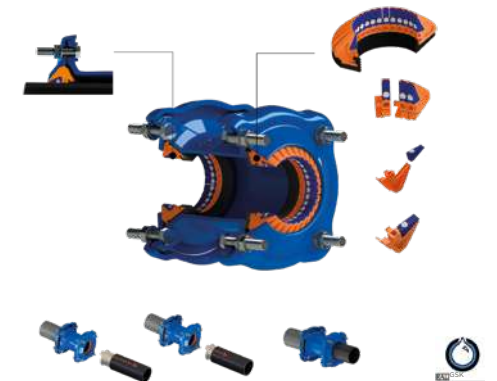


Tolerance (mm)	Coupling Lgth (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
39 - 52	145	5.1	RGTLT-6039	
49 - 64	145	5.6	RGTLT-6049	
63 - 83	170	12.1	RGTLT-6063	
78 - 103	170	13.6	RGTLT-6078	
87 - 117	170	14.4	RGTLT-6087	
100 - 130	180	16.2	RGTLT-6100	
117 - 147	180	18.2	RGTLT-6117	
138 - 168	180	21.6	RGTLT-6138	
152 - 182	215	23.6	RGTLT-6152	
172 - 202	215	22.6	RGTLT-6172	
198 - 228	215	27.8	RGTLT-6198	
217 - 257	220	31.1	RGTLT-6217	
245 - 285	300	42	RGTLT-6245	
300 - 340	300	46.5	RGTLT-6310	
340 - 380	300	57	RGTLT-6340	
390 - 430	300	73.2	RGTLT-6390	

Angular deviation: 8°

- "GFIX" system for a very high level of reliability in terms of pipe sealing and locking.
- Pipe clamping achieved by serrated rivets mounted on conical claws that fit perfectly onto the pipe without damaging it.
- Sealing provided by a specially designed seal mounted on the "GFIX" ring, which slides when the bolts are tightened until it is compressed between the body of the fitting and the pipe.

- The "GFIX" system can be used above or below ground without changing any components.





Multi-material joiner couplings

RLT

High tolerance joiner coupling / Coupling and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ / EPDM seals / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement, PVC, biaxially-oriented PVC / allowable operating pressure: 16 Bar



Tolerance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax	Tolerance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63-85	4.4	RLT-3063		180-205	10.2	RLT-3180	
84-108	5.5	RLT-3084		218-235	12.3	RLT-3218	
107-130	6.1	RLT-3107		245-270	14.8	RLT-3245	
132-154	6.4	RLT-3132		270-295	17.4	RLT-3270	
158-184	9.2	RLT-3158		310-335	21.7	RLT-3310	

LTLT

High tolerance joiner coupling / Coupling and companion flange made of ductile cast iron coated with epoxy powder, minimum thickness 250μ / EPDM seals / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement, PVC, Biaxially-oriented PVC / allowable operating pressure: 16 Bar



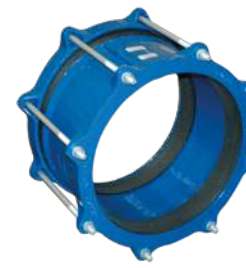
Tolerance (mm)	Coupling Lgth (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40 - 63	120	3.5	LTLT-6040	
54 - 77	120	4.8	LTLT-6054	
67 - 90	120	5.0	LTLT-6067	
82 - 112	150	6.9	LTLT-6082	
105 - 135	150	7.8	LTLT-6105	
125 - 155	150	8.5	LTLT-6125	
140 - 170	150	9.1	LTLT-6140	
159 - 189	150	10.9	LTLT-6159	
180 - 210	150	11.8	LTLT-6180	
210 - 250	180	19.2	LTLT-6210	
246 - 286	180	21.6	LTLT-6246	
270 - 310	180	24.3	LTLT-6270	
295 - 335	180	25.5	LTLT-6295	
325 - 365	180	26.8	LTLT-6325	



Multi-material joiner couplings

RTLT

High tolerance joiner coupling / Coupling and companion flange made of ductile cast iron coated with epoxy, minimum thickness 250μ / EPDM seals / allowable operating pressure: 16 Bar / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement and PVC



Tolerance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax	Tolerance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
25 - 55	5.0	RTLT-5025		575 - 610	80.0	RTLT-5575	
48 - 78	5.8	RTLT-5048		625 - 660	87.0	RTLT-5625	
343 - 378	38.0	RTLT-5343		660 - 695	91.0	RTLT-5660	
375 - 410	53.0	RTLT-5375		710 - 745	139.0	RTLT-5710	
396 - 431	57.0	RTLT-5396		724 - 765	141.0	RTLT-5724	
420 - 455	61.0	RTLT-5420		810 - 845	154.0	RTLT-5810	
449 - 484	68.0	RTLT-5449		829 - 870	161.0	RTLT-5829	
457 - 492	66.0	RTLT-5457		905 - 946	233.0	RTLT-5905	
497 - 532	70.0	RTLT-5497		934 - 975	231.0	RTLT-5934	
501 - 540	72.0	RTLT-5501		1034 - 1075	256.0	RTLT-51034	
525 - 560	74.0	RTLT-5525		1219 - 1260	302.0	RTLT-51219	

UR14

Very high tolerance joiner coupling / Coupling and companion flange made of ductile cast iron coated with epoxy, minimum thickness 250μ / EPDM seals / allowable operating pressure: 16 Bar / Steel bolts cl 8.8 coated with Geomet / Can be used on all types of pipes such as: steel, ductile cast iron, grey cast iron, asbestos cement and PVC



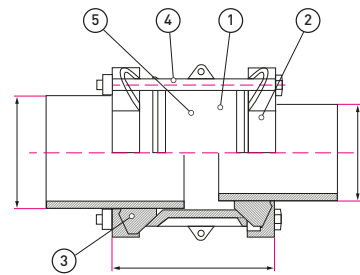
Tolerance D (mm)	Tolerance d (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
216 - 246	194 - 226	21.38	UR14-200	
266 - 297	244 - 276	23.1	UR14-250	
345 - 375	315 - 345	28.44	UR14-300	
400 - 435	375 - 405	40.5	UR14-350	
435 - 470	400 - 435	46.5	UR14-400	
530 - 565	475 - 510	54.5	UR14-450	
530 - 565	499 - 534	53.0	UR14-500	
575 - 610	530 - 565	59.0	UR14-550	
610 - 615	575 - 610	60.0	UR14-600A	
645 - 680	610 - 645	61.5	UR14-600	



Sleeve couplings

Sleeve coupling

Cast iron coupling / Galvanised bolts / 1) Ductile cast iron body / 2) Ductile cast iron clamping flange / 3) Food-grade rubber seal / 4) Hot-dip galvanised bolts (stainless steel on option) / 5) Epoxy paint / Working pressure = 16 bar



Description	ND (mm)	Tolerance (mm)	Qty of bolts	CLS ref.	Price in € excl. tax
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Standard tolerance

Standard tolerance sleeve coupling	40	48 - 60	4 Ø 12	NMR40	
	50	59 - 72	4 Ø 12	NMR50	
	60 - 65	72 - 85	4 Ø 12	NMR60	
	80	88 - 103	4 Ø 12	NMR80	
	100	109 - 128	4 Ø 12	NMR100	
	125	132 - 146	4 Ø 12	NMR125	
	150	159 - 182	4 Ø 16	NMR150	
	175	192 - 210	4 Ø 16	NMR175	
	200	218 - 235	4 Ø 16	NMR200	
	225-250	230 - 247	4 Ø 16	NMR225	
	250	272 - 289	4 Ø 16	NMR250	
	300	322 - 339	4 Ø 16	NMR300	

Description	ND (mm)	Tolerance (mm)	Qty of bolts	CLS ref.	Price in € excl. tax
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High tolerance

High tolerance sleeve coupling	40 / 50	39 - 69	4 Ø 12	NMR40GT	
	40 / 50 T	46 - 76	4 Ø 12	NMR40TGT	
	50 / 60	57 - 87	4 Ø 12	NMR50GT	
	65 / 80	78 - 108	4 Ø 12	NMR65GT	
	80	87 - 117	4 Ø 12	NMR80GT	
	100	100 - 130	4 Ø 12	NMR100GT	
	100 T	117 - 147	4 Ø 12	NMR100TGT	
	125	129 - 159	4 Ø 12	NMR125GT	
	125 T	138 - 168	4 Ø 12	NMR125TGT	
	150	152 - 182	4 Ø 16	NMR150GT	
	175	172 - 202	4 Ø 16	NMR175GT	
	175 T	186 - 216	4 Ø 16	NMR175TGT	
	200	198 - 228	4 Ø 16	NMR200GT	
	200 - 225	218 - 253	4 Ø 16	NMR225GT	
	225 - 250	245 - 280	4 Ø 16	NMR250GT	
	250 - 275	266 - 301	4 Ø 16	NMR275GT	
	300	314 - 349	4 Ø 16	NMR300GT	

Other dimensions, please contact us.

STAINLESS STEEL BOLTS ON REQUEST



Stainless steel repair saddles

R

REDI-CLAMP repair saddle / Length 76 mm / Stainless steel band / Ductile cast iron jaw / NBR seal



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21 - 25	0.225	1	R1	
26 - 30	0.235	1	R3	
33 - 37	0.250	1	R5	
37 - 41	0.252	1	R150	
42 - 45	0.270	1	R7	
45 - 48	0.280	1	R152	
48 - 51	0.275	1	R9	
50 - 54	0.280	1	R11	
55 - 58	0.290	1	R154	
60 - 64	0.290	1	R13	
62 - 66	0.450	1	R16	
67 - 70	0.470	1	R156	
69 - 73	0.510	1	R19	
71 - 76	0.500	1	R22	

R

REDI-CLAMP repair saddle / Length 152 mm / Stainless steel band / Ductile cast iron jaw / NBR seal



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
21 - 25	0.460	1	R2	
26 - 30	0.480	1	R4	
33 - 37	0.520	1	R6	
37 - 41	0.512	1	R151	
42 - 45	0.530	1	R8	
45 - 48	0.535	1	R153	
48 - 51	0.560	1	R10	
50 - 54	0.570	1	R12	
55 - 58	0.590	1	R155	
60 - 64	0.600	1	R14	
62 - 66	0.660	1	R17	
67 - 70	0.700	1	R157	
69 - 73	0.750	1	R20	
71 - 76	0.800	1	R23	



Stainless steel repair saddles

RF

REDI-CLAMP FULL CIRCLE repair saddle / Length 76 mm / Stainless steel band / Ductile cast iron jaw / NBR seal



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 - 21	0.320	1	RF20-21	
21 - 22	0.320	1	RF21-22	
25 - 26	0.350	1	RF25-26	
26 - 27	0.350	1	RF26-27	
28 - 29	0.380	1	RF28-29	
32 - 33	0.380	1	RF32-33	
33 - 34	0.380	1	RF33-34	
35 - 36	0.400	1	RF35-36	
40 - 41	0.400	1	RF40-41	
42 - 43	0.450	1	RF42-43	
48 - 49	0.500	1	RF48-49	

RF

REDI-CLAMP FULL CIRCLE repair saddle / Length 152 mm / Stainless steel band / Ductile cast iron jaw / NBR seal



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20 - 21	0.700	1	RF1-20-21	
21 - 22	0.700	1	RF1-21-22	
25 - 26	0.770	1	RF1-25-26	
26 - 27	0.770	1	RF1-26-27	
28 - 29	0.800	1	RF1-28-29	
32 - 33	0.800	1	RF1-32-33	
33 - 34	0.800	1	RF1-33-34	
35 - 36	0.880	1	RF1-35-36	
40 - 41	0.880	1	RF1-40-41	
42 - 43	0.880	1	RF1-42-43	
48 - 49	0.950	1	RF1-48-49	



Stainless steel repair couplings/clamps with cast iron jaws

MR

Single-band repair coupling / Length 190 mm / Stainless steel band / Epoxy-coated ductile cast iron jaw / NBR rubber mesh packing seal / M16 class cl 8.8 zinc-plated steel bolts



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
41 - 43	3.6	1	MR41-43	
48 - 50	3.7	1	MR48-50	
53 - 58	3.8	1	MR53-58	
60 - 67	3.9	1	MR60-67	
63 - 70	3.7	1	MR63-70	
67 - 74	4.0	1	MR67-74	
70 - 77	3.9	1	MR70-77	
76 - 83	4.0	1	MR76-83	
82 - 89	3.9	1	MR82-89	
89 - 98	4.0	1	MR89-98	
95 - 105	4.0	1	MR95-105	
98 - 108	4.0	1	MR98-108	
108 - 118	4.1	1	MR108-118	
114 - 124	4.2	1	MR114-124	
120 - 131	4.5	1	MR120-131	
132 - 143	3.0	1	MR132-143	
140 - 150	5.2	1	MR140-150	
151 - 161	5.4	1	MR151-161	
159 - 170	5.4	1	MR159-170	
167 - 177	4.9	1	MR167-177	
174 - 184	5.2	1	MR174-184	
180 - 191	6.1	1	MR180-191	
193 - 203	4.77	1	MR193-203	

- Solution for an effective and long-lasting seal.
- Enables quick, permanent and economical repair of most leaks on all types of rigid and semi-rigid pipes without completely interrupting the

line supply, thus avoiding any risk of contamination.
 • NBR rubber mesh packing for uniform compression and perfect circumferential sealing even on uneven surfaces.

Stainless steel repair couplings/clamps with cast iron jaws

MR2

Single-band repair coupling / Length 254 mm / Stainless steel band / Epoxy-coated ductile cast iron jaw / NBR rubber mesh packing seal / M16 class cl 8.8 zinc-plated steel bolts



For pipe Ext. Diam. Min - Max (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
60 - 67	5.2	1	MR2-60-67	
67 - 74	5.0	1	MR2-67-74	
70 - 77	5.2	1	MR2-70-77	
76 - 83	5.3	1	MR2-76-83	
82 - 89	5.2	1	MR2-82-89	
89 - 98	5.3	1	MR2-89-98	
98 - 108	5.4	1	MR2-98-108	
108 - 118	5.5	1	MR2-108-118	
114 - 124	5.6	1	MR2-114-124	
120 - 131	6.0	1	MR2-120-131	
132 - 143	4.0	1	MR2-132-143	
140 - 150	7.1	1	MR2-140-150	
151 - 161	7.3	1	MR2-151-161	
159 - 170	7.3	1	MR2-159-170	
167 - 177	6.6	1	MR2-167-177	
174 - 184	7.0	1	MR2-174-184	
180 - 191	8.0	1	MR2-180-191	
193 - 203	7.0	1	MR2-193-203	
209 - 220	6.6	1	MR2-209-220	
219 - 228	6.66	1	MR2-219-228	
228 - 239	9.84	1	MR2-228-239	
239 - 249	10.11	1	MR2-239-249	
243 - 254	10.24	1	MR2-243-254	
252 - 263	10.37	1	MR2-252-263	
261 - 271	10.9	1	MR2-261-271	
270 - 280	11.04	1	MR2-270-280	
280 - 291	11.04	1	MR2-280-291	
288 - 299	9.5	1	MR2-288-299	
298 - 309	9.5	1	MR2-298-309	
305 - 315	10.0	1	MR2-305-315	
315 - 326	10.0	1	MR2-315-326	
322 - 333	10.0	1	MR2-322-333	
332 - 343	-	1	MR2-332-343	

- Particularly suitable for clean breaks, it can accommodate both misalignment and angular deviation simultaneously

Stainless steel repair couplings/clamps with cast iron jaws

MR

Multi-band repair coupling



TECHNICAL CHARACTERISTICS

- Stainless steel band
- Epoxy-coated ductile cast iron jaws
- NBR rubber mesh packing
- M16 cl 8.8 zinc-plated steel bolts

For pipe Ext. Diam. Min - Max (mm)	Length (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
88 - 110	190	7.8	1	MR1-88-110	
	254	10.5	1	MR2-88-110	
108 - 128	190	8.1	1	MR1-108-128	
	254	10.8	1	MR2-108-128	
119 - 140	190	8.2	1	MR1-119-140	
	254	10.9	1	MR2-119-140	
139 - 160	190	8.6	1	MR1-139-160	
	254	11.4	1	MR2-139-160	
158 - 180	190	9.0	1	MR1-158-180	
	254	12.0	1	MR2-158-180	
168 - 189	190	8.6	1	MR1-168-189	
	254	11.5	1	MR2-168-189	
171 - 192	190	11.9	1	MR1-171-192	
	254	14.8	1	MR2-171-192	
195 - 217	254	12.3	1	MR2-195-217	
	381	18.4	1	MR4-195-217	
216 - 238	254	12.4	1	MR2-216-238	
	381	18.6	1	MR4-216-238	
220 - 246	254	12.4	1	MR2-220-246	
	381	15.6	1	MR4-220-246	
273 - 293	254	13.8	1	MR2-273-293	
	381	20.7	1	MR4-273-293	
282 - 302	254	13.8	1	MR2-282-302	
	381	20.7	1	MR4-282-302	
295 - 315	254	14.0	1	MR2-295-315	
	381	20.9	1	MR4-295-315	
314 - 334	254	14.5	1	MR2-314-334	
	381	21.7	1	MR4-314-334	
324 - 344	254	14.5	1	MR2-324-344	
	381	21.8	1	MR4-324-344	
335 - 355	254	14.6	1	MR2-335-355	
	381	21.9	1	MR4-335-355	
347 - 367	381	21.0	1	MR4-347-367	
	508	27.8	1	MR5-347-367	
365 - 385	381	22.4	1	MR4-365-385	
	508	29.9	1	MR5-365-385	
401 - 421	381	23.2	1	MR4-401-421	
	508	30.9	1	MR5-401-421	
420 - 440	381	23.6	1	MR4-420-440	
	508	31.4	1	MR5-420-440	
450 - 470	381	24.2	1	MR4-450-470	
	508	32.3	1	MR5-450-470	
468 - 488	381	24.6	1	MR4-468-488	
	508	32.8	1	MR5-468-488	
505 - 525	381	25.4	1	MR4-505-525	
	508	33.8	1	MR5-505-525	
525 - 545	381	25.8	1	MR4-525-545	
	508	34.4	1	MR5-525-545	
591 - 620	381	34.8	1	MR4-591-620	
	508	46.0	1	MR5-591-620	
619 - 648	381	35.4	1	MR4-619-648	
	508	47.2	1	MR5-619-648	



Stainless steel repair couplings/clamps with cast iron jaws

1-piece stainless steel clamp

Stainless steel clamp / Cast iron jaws / Zinc-plated bolts



Length 200 mm

Description	ND	Tolerance (mm)	CLS ref.	Price in € excl. tax
T.151	40	48 - 56	NMI1200	
	50	56 - 64	NMI1201	
	50	60 - 68	NMI1202	
	60	68 - 78	NMI1203	
	60	78 - 88	NMI1204	
	80	88 - 98	NMI1205	
	80	98 - 108	NMI1206	
	100	108 - 118	NMI1207	
	100	114 - 126	NMI1208	
	100	126 - 138	NMI1209	
	125	138 - 150	NMI1210	
	125	140 - 153	NMI1211	
	125	150 - 162	NMI1212	
	150	168 - 182	NMI1213	
	175	186 - 198	NMI1214	
	200	210 - 223	NMI1215	
	200	222 - 234	NMI1216	
	200	243 - 255	NMI1217	
	250	273 - 285	NMI1218	
	250	316 - 326	NMI1219	
	300	327 - 340	NMI1220	
	350	368 - 380	NMI1221	

Length 300 mm

T.151	60	78 - 88	NMI1300	
	60	88 - 98	NMI1301	
	80	98 - 108	NMI1302	
	80	108 - 118	NMI1303	
	100	114 - 126	NMI1304	
	100	126 - 138	NMI1305	
	125	138 - 150	NMI1306	
	125	140 - 153	NMI1307	
	125	150 - 162	NMI1308	
	150	168 - 182	NMI1309	
	175	186 - 198	NMI1310	
	200	210 - 223	NMI1311	
	200	222 - 234	NMI1312	
	200	243 - 255	NMI1313	
	250	273 - 285	NMI1314	



Stainless steel repair couplings/clamps with cast iron jaws

1-piece stainless steel clamp

Stainless steel clamp / Cast iron jaws / Zinc-plated bolts



Length 300 mm

Description	ND	Tolerance (mm)	CLS ref.	Price in € excl. tax
T.151	250	316 - 326	NMI1315	
	300	327 - 340	NMI1316	
	350	368 - 380	NMI1317	

Length 400 mm

T.151	100	126 - 138	NMI1400	
	125	138 - 150	NMI1401	
	125	140 - 153	NMI1402	
	125	150 - 162	NMI1403	
	150	168 - 182	NMI1404	
	175	186 - 198	NMI1405	
	200	210 - 223	NMI1406	
	200	222 - 234	NMI1407	
	200	243 - 255	NMI1408	
	250	273 - 285	NMI1409	
	250	316 - 326	NMI1410	
	300	327 - 340	NMI1411	
	350	368 - 380	NMI1412	

- Housing: stainless steel plate, 304 L.
- Jaws: SG CAST IRON
- Bolts: zinc-plated.
- Paint: Epoxy
- Rubber: Food-grade EPDM for WATER
- Working pressure: 16 bar



Stainless steel repair couplings/clamps with cast iron jaws

2-piece stainless steel clamp

Stainless steel clamp / Cast iron jaws / Zinc-plated bolts



Description	ND	Tolerance (mm)	CLS ref.	Price in € excl. tax
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Length 200 mm

T.152	80	88 - 110	NMI2200	
	100	114 - 137	NMI2201	
	125	138 - 160	NMI2202	
	150	160 - 182	NMI2203	
	175	182 - 202	NMI2204	
	200	217 - 240	NMI2205	
	225	240 - 262	NMI2206	
	250	262 - 284	NMI2207	
	300	324 - 346	NMI2208	
	350	365 - 387	NMI2209	
	400	410 - 432	NMI2210	

Length 300 mm

T.152	100	114 - 137	NMI2300	
	125	138 - 160	NMI2301	
	150	160 - 182	NMI2302	
	175	182 - 202	NMI2303	
	200	217 - 240	NMI2304	
	225	240 - 262	NMI2305	
	250	262 - 284	NMI2306	
	300	324 - 346	NMI2307	
	350	365 - 387	NMI2308	
	400	410 - 432	NMI2309	

Length 400 mm

T.152	175	182 - 202	NMI2400	
	200	217 - 240	NMI2401	
	225	240 - 262	NMI2402	
	250	262 - 284	NMI2403	
	300	324 - 346	NMI2404	
	350	365 - 387	NMI2405	
	400	410 - 432	NMI2406	

- Housing: stainless steel plate, 304 L.
- Jaws: SG CAST IRON
- Bolts: zinc-plated.
- Paint: Epoxy
- Rubber: Food-grade EPDM for WATER
- Working pressure: 16 bar



All-stainless steel repair couplings/clamps

1-piece all-stainless steel clamps

Stainless steel clamp / Stainless steel jaws / Stainless steel bolts



Description	ND	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
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Length 200 mm (VIC)

T.141	40	54 - 58	1.70	VIC054	
	50	64 - 68	2.38	VIC064	
	60	75 - 82	2.40	VIC075	
	60	82 - 90	2.47	VIC082	
	80	96 - 103	2.55	VIC096	
	80	100 - 110	2.59	VIC100	
	100	114 - 124	2.80	VIC114	
	100	125 - 135	2.89	VIC125	
	125	140 - 150	2.99	VIC140	
	125	155 - 165	3.11	VIC155	
	150	167 - 177	3.22	VIC167	
	150	173 - 183	3.30	VIC173	
	175	184 - 194	3.35	VIC184	
	175	193 - 203	3.40	VIC193	
	200	218 - 228	3.60	VIC218	
	200	244 - 254	3.81	VIC244	
	250	270 - 280	4.30	VIC270	
	250	305 - 315	4.51	VIC325	
	300	325 - 335	4.75	VIC325	
	350	367 - 377	5.10	VIC367	
	400	422 - 432	5.50	VIC422	

Length 400 mm (VIL)

T.141	40	54 - 58	3.40	VIL054	
	50	64 - 68	4.68	VIL064	
	60	75 - 82	4.76	VIL075	
	60	82 - 90	4.94	VIL082	
	80	96 - 103	5.10	VIL096	
	80	100 - 110	5.18	VIL100	
	100	114 - 124	5.60	VIL114	
	100	125 - 135	5.68	VIL125	
	125	140 - 150	5.98	VIL140	
	125	155 - 165	6.22	VIL155	
	150	167 - 177	6.44	VIL167	
	150	173 - 183	6.50	VIL173	
	175	184 - 194	6.64	VIL184	
	175	193 - 203	6.80	VIL193	
	200	218 - 228	7.20	VIL218	
	200	244 - 254	7.62	VIL244	
	250	270 - 280	8.60	VIL270	





All-stainless steel repair couplings/clamps

1-piece all-stainless steel clamps

Stainless steel clamp / Stainless steel jaws / Stainless steel bolts



Description	ND	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Length 400 mm (VIL)					
T.141	250	305 - 315	9.02	VIL305	
	300	325 - 335	9.50	VIL325	
	350	367 - 377	10.10	VIL367	
	400	422 - 432	12.90	VIL422	

Other dimensions, please contact us.

2-piece all-stainless steel clamp

Stainless steel clamp / Stainless steel jaws / Stainless steel bolts

Description	ND	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Length 200 mm					
T.142	60	75 - 90	3.40	VIC0752P	
	80	90 - 110	3.50	VIC0902P	
	100	108 - 128	3.80	VIC1082P	
	100	120 - 140	4.00	VIC1202P	
	125	138 - 158	4.15	VIC1382P	
	150	155 - 175	4.25	VIC1552P	
	150	170 - 190	4.40	VIC1702P	
	175	185 - 205	4.60	VIC1852P	
	200	218 - 238	4.80	VIC2182P	
	250	270 - 290	5.30	VIC2702P	
	300	311 - 331	5.65	VIC3112P	
	350	365 - 385	6.10	VIC3652P	
	400	420 - 440	6.65	VIC4202P	

Length 400 mm					
T.142	60	75 - 90	6.45	VIL0752P	
	80	90 - 110	6.60	VIL0902P	
	100	108 - 128	7.20	VIL1082P	
	100	120 - 140	7.60	VIL1202P	
	125	138 - 158	7.85	VIL1382P	
	150	155 - 175	8.05	VIL1552P	
	150	170 - 190	8.35	VIL1702P	
	175	185 - 205	8.70	VIL1852P	
	200	218 - 238	9.10	VIL2182P	
	250	270 - 290	10.00	VIL2702P	
	300	311 - 331	10.70	VIL3112P	
	350	365 - 385	11.60	VIL3652P	
	400	420 - 440	12.60	VIL4202P	

Other dimensions, please contact us.



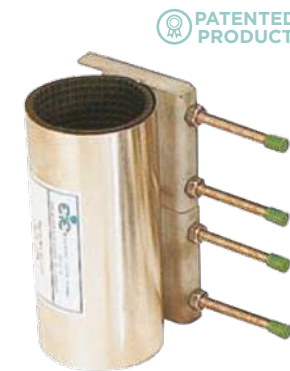
- Housing: stainless steel plate, 304 L.
- Insert: stainless steel plate, thickness 2 mm.
- Jaws: stainless steel plate, thickness 4 mm.
- Bolts: stainless steel U-bolts, 12 mm.
- Rubber: food-grade EPDM for WATER or NITRILE for GAS.
- Normal length: 200 mm.
- Articulated length: 250 mm.
- Double length: 400 mm.
- Working pressure: 16 bar up to ND 150, 10 bar above.



All-stainless steel repair couplings/clamps

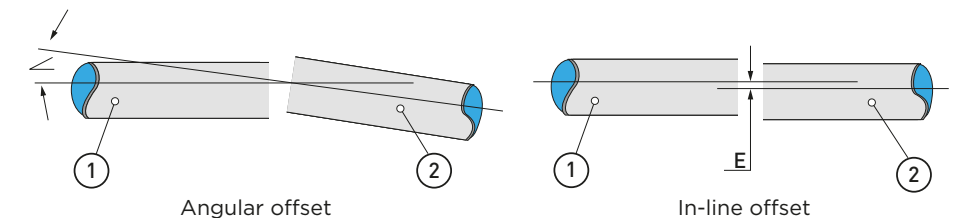
All-stainless steel articulated clamp

Stainless steel clamp / Stainless steel jaws / Stainless steel bolts



Description	ND	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Length 250 mm "Articulated"					
T.141 articulated	40	54 - 58	2.50	VILL054	
	50	64 - 68	3.10	VILL060	
	60	65 - 75	3.15	VILL065	
	60	75 - 82	3.30	VILL075	
	60	82 - 90	3.37	VILL082	
	80	96 - 103	3.45	VILL093	
	80	100 - 110	3.50	VILL100	
	100	114 - 124	3.70	VILL114	
	100	125 - 135	3.80	VILL125	
	125	140 - 150	3.90	VILL140	
	125	155 - 165	4.00	VILL155	
	150	167 - 177	4.10	VILL167	
	175	193 - 203	4.30	VILL193	
	200	219 - 229	4.50	VILL218	
	200	244 - 254	4.71	VILL244	
	250	270 - 280	5.20	VILL270	
	250	305 - 315	5.45	VILL305	
	300	325 - 335	5.70	VILL325	

Other dimensions, please contact us.



These different compensations are achieved thanks to the presence of an articulation line created by 2 separate attachment plates. However, the assembly remains rigid by virtue of the specific design of the jaws.

- Our articulated clamps are easy to handle and tighten, thanks to 2 separate attachments on the same side.
- The honeycomb structure of the rubber stops the leaking flow.
- Its relatively light weight makes it a major asset when working on sites that are difficult or impossible to access with a vehicle, which means that repair parts have to be transported on foot (e.g. mountains).

- Designed to temporarily repair leaks in pipes in the water distribution and wastewater treatment network that have suffered impacts, cracks or even outright bursts.
- **Size range:** Diameters from ND 40 to ND 300 as standard, up to ND 1200 or larger on request.
- It can be used on a wide range of materials such as: Cast iron, steel, PVC, HDPE, asbestos cement, etc.
- **Our stainless steel clamps are**

"ARTICULATED", an EIE patented product. THIS DESIGN IS UNIQUE ON THE MARKET. The process developed for our clamps compensates for:

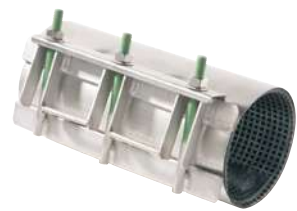
- **large angular offsets of up to 10°** (on pipes < ND 300, 3° on larger pipes).
- **in-line offsets of up to 15 mm** for pipes with nominal diameters < 100 mm, and up to 7 mm for pipes with nominal diameters greater than 100 mm.
- **large diameter tolerances** (see table above).



— All-stainless steel repair couplings/clamps

MI 1

Single housing repair coupling / Stainless steel



ND (mm)	Tolerance (mm)	Length (mm)	PN (Bar)	Pack of	CLS ref.	Price in € excl. tax
20	19 - 23	75	16	20	MI1 020A75	
25	25 - 29	75	16	20	MI1 025A75	
30	32 - 36	75	16	20	MI1 030A75	
30	38 - 42	75	16	20	MI1 030B75	
40	40 - 44	75	16	20	MI1 040A75	
40	46 - 52	200	16	2	MI1 040B200	
50	54 - 61	200	16	2	MI1 050A200	
50	61 - 70	200	16	2	MI1 050B200	
60	75 - 82	200	16	2	MI1 060A200	
60	75 - 82	250	16	2	MI1 060A250	
60	82 - 90	200	16	2	MI1 060B200	
60	82 - 90	250	16	2	MI1 060B250	
80	96 - 103	250	16	2	MI1 080A250	
80	96 - 103	300	16	1	MI1 080A300	
80	100 - 110	250	16	1	MI1 080B250	
80	98 - 108	250	16	1	MI1 080C250	
100	114 - 124	250	16	1	MI1 100A250	
100	114 - 124	300	16	1	MI1 100A300	
100	125 - 135	250	16	1	MI1 100B250	
125	140 - 150	200	16	1	MI1 125A200	
125	140 - 150	250	16	1	MI1 125A250	
125	140 - 150	300	16	1	MI1 125A300	
125	155 - 165	250	16	1	MI1 125B250	
125	155 - 165	300	16	1	MI1 125B300	
150	167 - 177	250	16	1	MI1 150A250	
150	167 - 177	300	16	1	MI1 150A300	
175	193 - 203	250	10	1	MI1 175A250	
175	193 - 203	300	10	1	MI1 175A300	
200	219 - 230	250	10	1	MI1 200A250	
200	219 - 230	300	10	1	MI1 200A300	
250	271 - 281	250	10	1	MI1 250A250	
250	271 - 281	300	10	1	MI1 250A300	

Other dimensions, please contact us.

CONSERVING RESOURCES

Couplings/clamps repair leaking pipes. Choose high-quality products that are easy to install for fast and reliable work.



— All-stainless steel repair couplings/clamps

MI 2

Double housing repair coupling / Stainless steel



- **Clamps MI 1 and MI 2**
- Reliable and easy to install.
- Fitted with an embossed seal, they guarantee perfect sealing, even on a damaged pipe.
- Ergonomic handle for fitting.
- Various lengths available to suit the extent of damage to the pipe.
- The double housing version makes it easier to fit on large diameters and distributes the force more evenly on the seal to guarantee sealing.

ND (mm)	Tolerance (mm)	Length (mm)	PN (Bar)	Pack of	CLS ref.	Price in € excl. tax
80	88 - 110	200	16	1	MI2 080A200	
100	114 - 135	200	16	1	MI2 100A200	
100	114 - 135	300	16	1	MI2 100A300	
125	138 - 162	200	16	1	MI2 125A200	
125	138 - 162	300	16	1	MI2 125A300	
150	158 - 180	250	16	1	MI2 150A250	
150	158 - 180	300	16	1	MI2 150A300	
150	158 - 180	500	16	1	MI2 150A500	
150	182 - 202	300	10	1	MI2 150B300	
175	190 - 210	250	10	1	MI2 175A250	
175	190 - 210	300	10	1	MI2 175A300	
200	218 - 240	200	10	1	MI2 200A200	
200	218 - 240	250	10	1	MI2 200A250	
200	218 - 240	300	10	1	MI2 200A300	
200	210 - 230	500	10	1	MI2 200A500	
200	240 - 262	300	10	1	MI2 200B300	
225	238 - 258	250	10	1	MI2 225A250	
250	269 - 292	250	10	1	MI2 250A250	
250	269 - 292	300	10	1	MI2 250A300	
250	295 - 315	300	10	1	MI2 250B300	
300	314 - 334	300	10	1	MI2 300A300	
300	314 - 334	400	10	1	MI2 300A400	
300	322-344	500	10	1	MI2 300A500	
300	324-344	300	10	1	MI2 300B300	
350	348 - 368	400	10	1	MI2 350A400	
350	348 - 368	500	10	1	MI2 350A500	
350	365 - 385	400	10	1	MI2 350B400	
350	365 - 385	500	10	1	MI2 350B500	
350	398 - 408	400	10	1	MI2 350C400	
400	414 - 434	400	10	1	MI2 400A400	
400	414 - 434	500	10	1	MI2 400A500	
450	468 - 488	600	10	1	MI2 450A600	
500	505 - 525	500	10	1	MI2 500A500	
500	518 - 538	500	10	1	MI2 500B500	
600	625 - 645	600	6	1	MI2 600A600	
700	730 - 750	750	4	1	MI2 700B750	
800	835 - 855	750	3	1	MI2 800B750	

Other dimensions, please contact us.



Cast iron repair clamps

Type 120 repair clamp

SG cast iron clamp / Geomet bolts



Description	ND	Length (mm)	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Normal length						
Type 120	60	140	76 - 87	5.00	V120C060	
	80	140	95 - 103	6.00	V120C080	
	100	140	118 - 126	7.00	V120C100	
	175	180	193 - 203	12.00	N120C175	
Double length						
Type 120	60	280	76 - 87	10.00	V120L060	
	80	280	95 - 103	12.00	V120L080	
	100	280	118 - 126	14.00	V120L100	
	125	245	142 - 153	15.00	N120L125	
	150	295	168 - 184	19.00	N120L150	
	175	395	193 - 203	30.00	N120L175	
	200	405	220 - 230	38.00	N120L200	

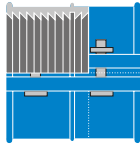
- Housing: SG cast iron.
 - Rubber: EPDM for WATER, NITRILE for GAS.
 - Can be used on all GREY or S.G. CAST IRON pipes.
- The packing seal covers the entire inner surface of the housings.
 - Working pressure: WATER 16 bar.
 - Bolts: Geomet.



Cast iron repair clamps

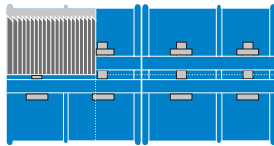
Type 101 repair clamp

SG cast iron clamp / Geomet bolts



Normal length clamp

Description	ND	Length (mm)	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Normal length						
Type 101	40	120	44 - 50	3.20	NMC04044	
	40	120	50 - 56	3.20	NMC04050	
	50	140	54 - 61	3.20	NMC040	
	50	140	60 - 68	4.40	NMC050	
	60	140	70 - 77	5.00	VMC060	
	80	140	87 - 98	6.00	VMC080	
	100	140	110 - 119	7.00	VMC100	
	125	122	133 - 144	8.00	NMC125	
	150	150	159 - 170	10.00	NMC150	
	175	175	185 - 193	12.50	NMC175	
	200	200	214 - 225	14.00	NMC200	



Double length clamp

Double length						
Type 101	40	200	54 - 61	5.00	NML040	
	50	200	60 - 68	5.00	NML050	
	60	280	70 - 77	10.00	VML060	
	80	280	87 - 98	12.00	VML080	
	100	280	110 - 119	14.00	VML100	
	125	245	133 - 144	12.00	NML125	
	150	295	159 - 170	18.00	NML150	
	175	400	185 - 193	29.00	NML175	
	200	405	214 - 225	30.00	NML200	
	225	450	241 - 248	42.00	NML225	
	250	450	267 - 274	42.00	NML250	
	300	500	315 - 326	47.00	NML300	



— Cast iron repair clamps

MRF

2-piece repair clamp / Ductile cast iron body coated with epoxy powder, minimum thickness 250μ / EPDM seal / Zinc-plated bolts



Tolerance (mm)	Length (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
75 - 84	200	6.0	1	MRF-60	
92 - 103	200	6.5	1	MRF-80	
115 - 126	200	7.1	1	MRF-100	
141 - 154	200	8.2	1	MRF-125	
166 - 181	200	9.5	1	MRF-150	
216 - 226	200	11.0	1	MRF-200	

Type 102 2-piece repair clamp

SG cast iron clamp / Zinc-plated steel bolts



ND	Length (mm)	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
ND 1/2"	75	20 - 22	0.60	NM012	
ND 3/4" DE 26.9	75	26 - 28	1.20	NM03426	
ND 3/4" DE 29.5	75	28.5 - 30.5	1.20	NM03429	
ND 1"	95	30 - 34	1.20	NM100	
ND 1" 1/2	115	44 - 50	1.90	NM112	
ND 1" 1/4	95	38 - 43	1.40	NM114	
ND 2"	133	56 - 60	3.00	NM200	

- Used to connect two pipes of the same OD within the tolerances shown in the table above.
- Housing: SG cast iron.
- Rubber: EPDM for WATER, NITRILE

for GAS.

- Can be used on all pipes.
- Bolts: zinc-plated steel or stainless steel on request.

2-piece repair clamp "ECO series"



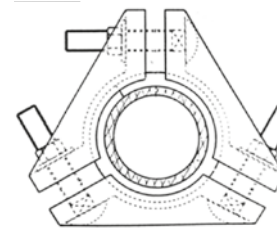
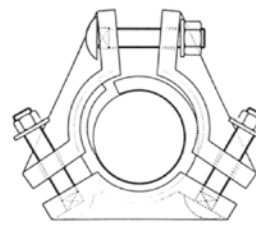
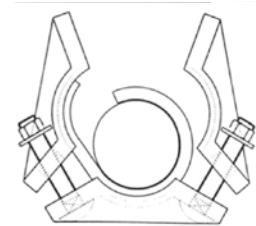
Description	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Clamp ND 20 Length 120 mm	25 - 28	2.30	NM03429IT	
Clamp ND 25 Length 120 mm	31 - 35	2.60	NM100IT	
Clamp ND 32 Length 135 mm	41 - 45	3.00	NM114IT	
Clamp ND 40 Length 140 mm	48 - 52	3.50	NM112IT	
Clamp ND 50 Length 140 mm	57 - 61	3.60	NM200IT	



— Cast iron repair clamps

Type 110 3-piece repair clamp

SG cast iron clamp / Zinc-plated steel or GEOMET bolts



Assembly diagram

Description	ND	Length (mm)	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
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Water supply network

Type 110	40	120	48 - 54	5.00	N110040IT	
	60	135	69 - 89	5.50	V110060	
	80	150	87 - 108	8.00	V110080	
	100	170	108 - 128	10.00	V110100	
	125	190	135 - 160	12.00	N110125IT	
	150	220	159 - 184	17.00	V110150	
	175	390	190 - 220	20.00	N110175IT	
	200	380	210 - 240	21.00	N110200IT	
	250	360	260 - 288	60.00	N110250IT	
	300	550	312 - 345	72.00	N110300IT	
	350	600	360 - 390	90.00	N110350IT	
	400	620	410 - 460	107.00	N110400IT	
	450	650	460 - 510	115.00	N110450IT	
	500	720	510 - 570	130.00	N110500IT	
	600	900	620 - 680	140.00	N110600IT	

Gas supply network

Type 110	60	135	69 - 89	5.50	V110060G	
	80	150	87 - 108	8.00	V110080G	
	100	170	108 - 128	10.00	V110100G	
	150	220	159 - 184	17.00	V110150G	
	200	380	210 - 240	21.00	V110200G	
	250	360	260 - 288	60.00	V110250G	

- Housing: SG cast iron.
- Rubber: EPDM for WATER, NITRILE for GAS.
- Bolts: zinc-plated or Geomet.

- Seal: the packing covers the entire inner surface of the housings.
- Working pressure: 16 bar for WATER pipes, 4 bar for GAS pipes.



Cast iron repair clamps

MTB

3-piece repair clamp / Ductile cast iron body coated with epoxy powder, minimum thickness 250μ / EPDM seal / Zinc-plated bolts



Tolerance (mm)	Length (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
48 - 54	120	3.70	1	MTB-40	
65 - 82	140	4.80	1	MTB-60	
87 - 106	150	9.10	1	MTB-80	
108 - 126	150	10.20	1	MTB-100	
135 - 160	190	14.20	1	MTB-125	
159 - 184	220	18.10	1	MTB-150	
190 - 220	270	26.70	1	MTB-175	
210 - 240	270	28.90	1	MTB-200	
240 - 255	280	30.50	1	MTB-225	
260 - 288	360	54.30	1	MTB-250	
290 - 312	360	46.90	1	MTB-275	
312 - 345	420	79.80	1	MTB-300	
360 - 390	420	81.50	1	MTB-350	
410 - 460	420	90.40	1	MTB-400	
460 - 510	420	108.90	1	MTB-450	
510 - 570	420	119.60	1	MTB-500	
620 - 680	420	138.40	1	MTB-600	

CBE

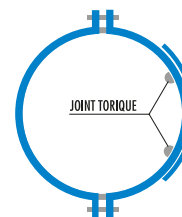
Sealing companion clamp / Ductile cast iron body coated with epoxy powder, minimum thickness 250μ / EPDM seal / Zinc-plated bolts



ND (mm)	Tolerance (mm)	Weight (kg/p)	Number of segments	ADG ref.	Price in € excl. tax
60	72 - 80	7.00	2	CBE-60	
80	100 - 106	7.00	3	CBE-80	
100	120 - 126	8.00	3	CBE-100	
125	146 - 156	10.00	3	CBE-125	
150	172 - 180	12.00	3	CBE-150	
175	204 - 218	17.00	4	CBE-175	
200	224 - 240	15.00	4	CBE-200	
250	276 - 294	20.00	4	CBE-250	
300	328 - 346	26.00	4	CBE-300	
350	380 - 398	31.00	4	CBE-350	
400	432 - 458	37.00	5	CBE-400	
450	484 - 512	41.00	5	CBE-450	
500	536 - 564	48.00	5	CBE-500	
600	638 - 666	58.00	5	CBE-600	
700	740 - 770	88.00	6	CBE-700	
800	846 - 886	81.00	8	CBE-800	
1000	1050 - 1092	103.00	9	CBE-1000	



Steel repair saddles



Steel repair saddle

Epoxy coated steel saddle / Geomet bolts

Description	Use	Pipe ND (mm)	CLS ref.	Price in € excl. tax
Width 200 mm				
Saddle width 200 mm, O-ring ND 100	For hole up to Ø 100 mm	150	VCR150	
		175	VCR175	
		200	VCR200	
		225	VCR225	
		250	VCR250	
		275	VCR275	
		300	VCR300	
		325	VCR325	
		350	VCR350	
		400	VCR400	
		450	VCR450	
		500	VCR500	
		550	VCR550	
		600	VCR600	
		700	VCR700	
		800	VCR800	
		900	VCR900	
		1000	VCR990	
		1100	VCR991	

Width 300 mm

Description	Use	Pipe ND (mm)	CLS ref.	Price in € excl. tax
Saddle width 300 mm, O-ring ND 200	For hole up to Ø 200 mm	250	VCR250A	
		300	VCR300A	
		350	VCR350A	
		400	VCR400A	
		450	VCR450A	
		500	VCR500A	
		600	VCR600A	
		650	VCR650A	
		700	VCR700A	
		800	VCR800A	
		900	VCR900A	
		1000	VCR990A	

Other dimensions, please contact us.

NOTE: For breaks and connections of 2 pipes end to end, refer to type 120 and 101 couplings on page 288; type 110 couplings on page 291; stainless steel couplings on pages 277 to 287, or steel couplings on page 294.



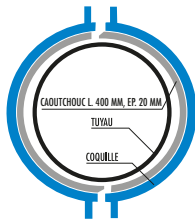
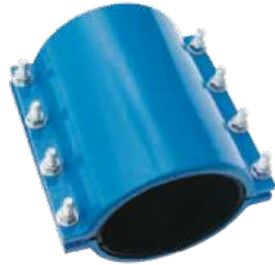
OTHER DIMENSIONS OR TOLERANCES ON REQUEST please contact us



Steel repair couplings/clamps

2-piece steel clamps, type 120 A

Steel clamp / Geomet bolts



Type 120 A - Single length 400 mm

Description	ND	Tolerance (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Type 120A	125	142 - 152	26	V120A125L	
	150	168 - 178	32	V120A150L	
	175	193 - 203	40	V120A175L	
	200	220 - 230	42	V120A200L	
	250	270 - 280	51	V120A250L	
	300	322 - 332	58	V120A300L	
	350	373 - 383	63	V120A350L	
	400	422 - 432	73	V120A400L	
	450	475 - 485	79	V120A450L	
	500	526 - 536	86	V120A500L	
	600	628 - 638	97	V120A600L	
	700	733 - 743	105	V120A700L	
	800	837 - 847	115	V120A800L	
	900	940 - 950	135	V120A900L	

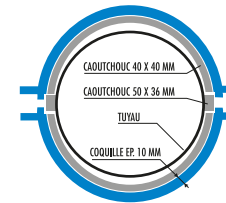
- Body: E24 steel plate, thickness 10 mm, rolled and mechanically welded.
- Seal: 20 mm thick rubber covering the entire inner surface of the clamp.
- Rubber: food-grade EPDM for WATER or NITRILE for GAS.
- Single length: 400 mm.
- Bolts: Geomet.
- Paint: Epoxy on request.
- Working pressure: 16 bar up to and including ND 200. 10 bar from ND 300 to ND 400. 6 bar from ND 500 to ND 600.
- Manufacturing diameter: 125 to 1200 mm.



Steel repair couplings/clamps

2-piece steel clamps, type VP

Epoxy coated steel clamp / Geomet bolts



TYPE VP - Length 200 mm (LN)

Description	ND	Length	Use	Pipe ND	CLS ref.	Price in € excl. tax
Type VP	250	LN	275 - 280	-	VVC250	
	300	LN	326 - 331	-	VVC300	
	350	LN	374 - 379	-	VVC350	
	400	LN	425 - 430	-	VVC400	
	450	LN	476 - 481	-	VVC450	
	500	LN	528 - 533	-	VVC500	
	600	LN	631 - 636	-	VVC600	
	650	LN	683 - 688	-	VVC650	

TYPE VP - Length 400 mm (LD)

Type VP	250	LD	275 - 280	-	VVL250	
	300	LD	326 - 331	-	VVL300	
	350	LD	374 - 379	-	VVL350	
	400	LD	425 - 430	-	VVL400	
	450	LD	476 - 481	-	VVL450	
	500	LD	528 - 533	-	VVL500	
	600	LD	631 - 636	-	VVL600	
	650	LD	683 - 688	-	VVL650	
	700	LD	735 - 740		VVL700	
	800	LD	838 - 843		VVL800	

* Weight: please contact us

Other lengths on request

- Body: E24 steel plate, thickness 10 mm, rolled and mechanically welded.
- Seal: provided by a 40 x 40 circumferential rubber extrusion at each end and a 50 x 36 longitudinal extrusion between the jaws.
- Rubber: EPDM for WATER.
- Width: 200 or 400 mm.
- Bolts: Geomet.
- Paint: Food-grade epoxy on surfaces in contact with water.
- Working pressure: 16 bar up to and including ND 200. 10 bar from ND 300 to ND 400. 6 bar from ND 500 to ND 600.



Steel repair couplings/clamps - on PVC socket joint

Repair clamp on PVC socket joint

Epoxy coated steel clamp / Geomet bolts

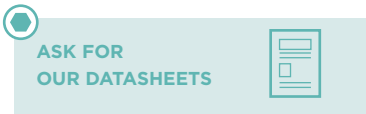


ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Assembled in 2 parts				
63	PVC socket joint	6	VMANCHONPVC63	
75		6.7	VMANCHONPVC75	
90		7	VMANCHONPVC90	
110		8.5	VMANCHONPVC110	
125		10	VMANCHONPVC125	
140		10.5	VMANCHONPVC140	
160		11	VMANCHONPVC160	

Other dimensions, please contact us.

To repair a leaking PVC socket joint without interrupting the water supply. More efficient and safer than conventional solutions.

- Body: E24 steel plate, rolled and mechanically welded.
 - Rubber: food-grade EPDM for WATER.
 - Bolts: Geomet, stainless steel on request.
- Paint: Food-grade epoxy on surfaces in contact with water.
 - Working pressure: 16 bar.



Steel repair couplings/clamps - on PE sleeve

Repair clamp on PE sleeve

Epoxy coated steel clamp / Geomet bolts / Assembled in 2 parts / Attached by two external clamps to compensate for expansion



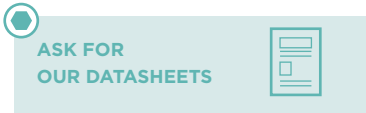
To repair a leaking PE clamp without interrupting the water supply. More efficient and safer than conventional solutions.

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Assembled in 2 parts				
200	PE repair clamp	100	VMANCHONPE200	
250		95	VMANCHONPE250	
280		100	VMANCHONPE280	
315		110	VMANCHONPE315	
355		124	VMANCHONPE355	
400		152	VMANCHONPE400	

Other dimensions, please contact us.



- Body: E24 steel plate, rolled and mechanically welded.
 - Rubber: food-grade EPDM for WATER.
 - Bolts: Geomet, stainless steel on request.
- Paint: Food-grade epoxy on surfaces in contact with water.
 - Working pressure: 16 bar.





— Made-to-measure connection and repair parts

Special or exceptional connections (tees, couplings, clamps, tapers, etc.)



Network renovation by connecting different pipes and structures.

Made-to-measure repair parts (double-cone couplings, etc.)



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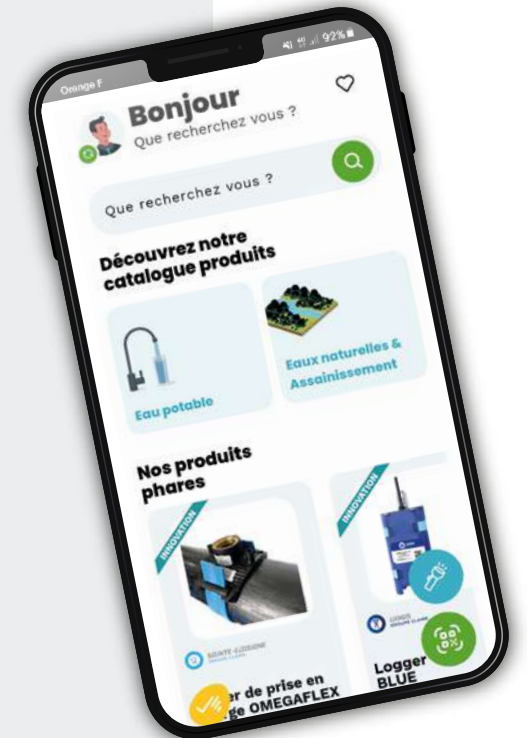


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SCAN TO
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— Cast iron loose flange couplings

90BM

Elbow 1/4 - 90°



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	5.4	90BM-40	
60/65	10/16	8.6	90BM-60	
80	10/16	9.8	90BM-80	
100	10/16	12.4	90BM-100	
125	10/16	16.4	90BM-125	
150	10/16	22.8	90BM-150	
200	10/16	32.7	90BM-205	
250	10/16	60.0	90BM-255*	
300	10/16	79.1	90BM-305*	
350	10	101.0	90BM-350*	
400	10	126.0	90BM-400*	
450	10	156.0	90BM-450*	
500	10	193.0	90BM-500*	
600	10	325.0	90BM-600*	

* PN16 and PN25 on request.

* Please contact us for delivery times.

45BM

Elbow 1/8 - 45°



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	5.7	45BM-40	
60/65	10/16	8.7	45BM-60	
80	10/16	10.4	45BM-80	
100	10/16	12.0	45BM-100	
125	10/16	15.3	45BM-125	
150	10/16	22.6	45BM-150	
200	10/16	28.8	45BM-205	
250	10/16	53.8	45BM-255*	
300	10/16	75.9	45BM-305*	
350	10	83.0	45BM-350*	
400	10	110.0	45BM-400*	
450	10	130.0	45BM-450*	
500	10	157.0	45BM-500*	
600	10	230.0	45BM-600*	

* PN16 and PN25 on request.

* Please contact us for delivery times.



— Cast iron loose flange couplings

22BM

Elbow 1/16 - 22°30'



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	5.0	22BM-40	
60/65	10/16	8.1	22BM-60	
80	10/16	9.3	22BM-80	
100	10/16	10.8	22BM-100	
125	10/16	14.2	22BM-125	
150	10/16	18.5	22BM-150	
200	10/16	26.3	22BM-205	
250	10/16	42.8	22BM-255*	
300	10/16	64.4	22BM-305*	
350	10	58.0	22BM-350*	
400	10	71.0	22BM-400*	
450	10	90.0	22BM-450*	
500	10	110.0	22BM-500*	
600	10	154.0	22BM-600*	

* PN16 and PN25 on request.

* Please contact us for delivery times.

11BM

Elbow 1/32 - 11°15'



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	5.0	11BM-40	
60/65	10/16	8.1	11BM-60	
80	10/16	9.3	11BM-80	
100	10/16	10.8	11BM-100	
125	10/16	14.2	11BM-125	
150	10/16	18.5	11BM-150	
200	10/16	26.0	11BM-205	
250	10/16	41.8	11BM-255*	
300	10/16	55.4	11BM-305*	
350	10	53.0	11BM-350*	
400	10	68.0	11BM-400*	
450	10	80.0	11BM-450*	
500	10	102.0	11BM-500*	
600	10	134.0	11BM-600*	

* PN16 and PN25 on request.

* Please contact us for delivery times.



Cast iron loose flange couplings

99BM

Duckfoot elbow 1/4



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
80	10/16	14.6	99BM-80	
100	10/16	17.4	99BM-100	
150	10/16	37.2	99BM-150	
200	10/16	38.0	99BM-200*	
250	10	65.0	99BM-250*	
300	10	94.0	99BM-300*	
350	10	134.0	99BM-350*	
400	10	181.0	99BM-400*	
500	10	253.0	99BM-500*	
600	10	344.0	99BM-600*	

* PN16 and PN25 on request. / * Please contact us for delivery times.

98BM

S-piece



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
80	10/16	16.2	98BM-80	
100	10/16	21.6	98BM-100	

180BM

Cross fitting



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60	10/16	-	180BM-60	
80	10/16	19.0	180BM-80	
100	10/16	24.0	180BM-100	
125	10/16	-	180BM-125	
150	10/16	42.0	180BM-150	
200	10/16	64.0	180BM-205	
250	10	81.0	180BM-250*	
300	10	118.0	180BM-300*	

* PN16 and PN25 on request. / * Please contact us for delivery times.

50BM

Loose flange



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60	10/16	-	50BM-60	
80	10/16	-	50BM-80	
100	10/16	-	50BM-100	
125	10/16	-	50BM-125	
150	10/16	-	50BM-150	
200	10/16	-	50BM-205	



Cast iron loose flange couplings

70BM

Coupling spool, length 250 mm



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65	10/16	7.6	70BM-60250	
80	10/16	9.2	70BM-80250	
100	10/16	11.0	70BM-100250	
125	10/16	14.9	70BM-125250	
150	10/16	18.5	70BM-150250	
200	10	25.4	70BM-200250	
200	10/16	25.4	70BM-205250	
250	10/16	34.3	70BM-255250*	
300	10/16	45.4	70BM-305250*	

* Please contact us for delivery times.

75BM

Coupling spool, length 500 mm



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65	10/16	10.8	75BM-60500	
80	10/16	12.6	75BM-80500	
100	10/16	15.8	75BM-100500	
125	10/16	22.5	75BM-125500	
150	10/16	26.0	75BM-150500	
200	10	35.0	75BM-200500	
200	10/16	35.0	75BM-205500	
250	10/16	48.3	75BM-255500*	
300	10/16	66.4	75BM-305500*	

* Please contact us for delivery times.

80BM

Coupling spool, length 1000 mm



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65	10/16	20.5	80BM-601000	
80	10/16	26.1	80BM-801000	
100	10/16	31.4	80BM-1001000	
150	10/16	48.6	80BM-1501000	



— Cast iron loose flange couplings

75BMPC

Flange-flange coupling spool, bulkhead type, length 500 mm



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	8.0	75BMPC-40	
50	10/16	10.0	75BMPC-50	
60	10/16	11.0	75BMPC-60	
65	10/16	12.0	75BMPC-65	
80	10/16	14.0	75BMPC-80	
100	10/16	17.0	75BMPC-100	
125	10/16	21.0	75BMPC-125	
150	10/16	26.0	75BMPC-150	
200	10/16	38.0	75BMPC-200	
250	10	48.0	75BMPC-250	
300	10	62.0	75BMPC-300	
400	10	100.0	75BMPC-400	
500	10	130.0	75BMPC-500	

* PN16 and PN25 on request.

130BM

Equal Tee



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65	10/16	12.5	130BM-60	
80	10/16	15.6	130BM-80	
100	10/16	19.2	130BM-100	
125	10/16	25.5	130BM-125	
150	10/16	34.0	130BM-150	
200	10/16	52.0	131BM-205	
250	10/16	84.0	131BM-255*	
300	10/16	118.0	131BM-305*	
350	10	130.0	131BM-350**	
400	10	178.0	131BM-400**	
500	10	261.0	131BM-500**	
600	10	450.0	131BM-600**	

** PN16 and PN25 on request. / * Please contact us for delivery times.



— Cast iron loose flange couplings

130BMR

Reduced Tee



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65 x 40 x 60/65	10/16	10.6	130BMR-6040	
80 x 40 x 80	10/16	12.0	130BMR-8040	
80 x 60/65 x 80	10/16	14.7	130BMR-8060	
100 x 40 x 100	10/16	14.0	130BMR-10040	
100 x 60/65 x 100	10/16	16.7	130BMR-10060	
100 x 80 x 100	10/16	17.5	130BMR-10080	
125 x 40 x 125	10/16	20.0	130BMR-12540	
125 x 60/65 x 125	10/16	20.0	130BMR-12560	
125 x 80 x 125	10/16	21.9	130BMR-12580	
125 x 100 x 125	10/16	23.0	130BMR-125100	
150 x 40 x 150	10/16	25.8	130BMR-15040	
150 x 60/65 x 150	10/16	25.8	130BMR-15060	
150 x 80 x 150	10/16	27.5	130BMR-15080	
150 x 100 x 150	10/16	28.1	130BMR-150100	
150 x 125 x 150	10/16	31.0	130BMR-150125	
200 x 60/65 x 200	10/16	35.1	131BMR-20560	
200 x 80 x 200	10/16	36.4	131BMR-20580	
200 x 100 x 200	10/16	37.7	131BMR-205100	
200 x 125 x 200	10/16	41.6	131BMR-205125	
200 x 150 x 200	10/16	44.0	131BMR-205150	
250 x 60/65 x 250	10/16	51.0	131BMR-25560	
250 x 80 x 250	10/16	55.0	131BMR-25580	
250 x 100 x 250	10/16	57.0	131BMR-255100	
250 x 125 x 250	10/16	62.0	131BMR-255125	
250 x 150 x 250	10/16	65.0	131BMR-255150	
250 x 200 x 250	10/16	72.0	131BMR-255205	
300 x 60 x 300	10/16	74.0	131BMR-30560	
300 x 100 x 300	10/16	77.0	131BMR-305100	
300 x 150 x 300	10/16	87.0	131BMR-305150	
300 x 200 x 300	10/16	91.0	131BMR-305205	
300 x 250 x 300	10/16	94.0	131BMR-305255	

PN25 on request.



— Cast iron loose flange couplings

130BMR

Reduced Tee



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
350 x 80 x 350	10	66.0	131BMR-35080	
350 x 100 x 350	10	67.0	131BMR-350100	
350 x 125 x 350	10	73.0	131BMR-350125	
350 x 150 x 350	10	83.0	131BMR-350150	
350 x 200 x 350	10	95.0	131BMR-350200	
350 x 250 x 350	10	99.0	131BMR-350250	
350 x 300 x 350	10	118.0	131BMR-350300	
400 x 80 x 400	10	93.0	131BMR-40080	
400 x 100 x 400	10	94.0	131BMR-400100	
400 x 125 x 400	10	100.0	131BMR-400125	
400 x 150 x 400	10	102.0	131BMR-400150	
400 x 200 x 400	10	111.0	131BMR-400200	
400 x 250 x 400	10	128.0	131BMR-400250	
400 x 300 x 400	10	135.0	131BMR-400300	
400 x 350 x 400	10	161.0	131BMR-400350	
500 x 100 x 500	10	113.0	131BMR-500100	
500 x 150 x 500	10	137.0	131BMR-500150	
500 x 200 x 500	10	141.0	131BMR-500200	
500 x 250 x 500	10	184.0	131BMR-500250	
500 x 300 x 500	10	190.0	131BMR-500300	
500 x 350 x 500	10	224.0	131BMR-500350	
500 x 400 x 500	10	224.0	131BMR-500400	
600 x 100 x 600	10	224.0	131BMR-600100	
600 x 150 x 600	10	228.0	131BMR-600150	
600 x 200 x 600	10	232.0	131BMR-600200	
600 x 300 x 600	10	267.0	131BMR-600300	
600 x 400 x 600	10	295.0	131BMR-600400	

PN16 and PN25 on request. Please contact us for delivery times.



— Cast iron loose flange couplings

24BMR

Taper



Related products



260B



632B



JDD



959B

ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/65 x 40	10/16	5.5	24BMR-6040	
80 x 40	10/16	6.0	24BMR-8040	
80 x 60/65	10/16	7.1	24BMR-8060	
100 x 40	10/16	7.5	24BMR-10040	
100 x 60/65	10/16	8.8	24BMR-10060	
100 x 80	10/16	9.8	24BMR-10080	
125 x 60/65	10/16	10.0	24BMR-12560	
125 x 80	10/16	10.7	24BMR-12580	
125 x 100	10/16	12.0	24BMR-125100	
150 x 60/65	10/16	11.4	24BMR-15060	
150 x 80	10/16	12.8	24BMR-15080	
150 x 100	10/16	13.2	24BMR-150100	
150 x 125	10/16	15.4	24BMR-150125	
200 x 60	10/16	18.8	24BMR-20560	
200 x 80	10/16	19.1	24BMR-20580	
200 x 100	10	20.0	24BMR-200100	
200 x 100	10/16	20.0	24BMR-205100	
200 x 125	10/16	22.0	24BMR-205125	
200 x 150	10/16	24.6	24BMR-205150	
250 x 100	10/16	24.0	24BMR-255100	
250 x 125	10/16	26.0	24BMR-255125	
250 x 150	10/16	27.0	24BMR-255150	
250 x 200	10/16	33.0	24BMR-255205	
300 x 150	10/16	40.0	24BMR-305150	
300 x 200	10/16	44.0	24BMR-305205	
300 x 250	10/16	49.0	24BMR-305255	
350 x 200	10	40.0	24BMR-350200	
350 x 250	10	46.0	24BMR-350250	
350 x 300	10	54.0	24BMR-350300	
400 x 200	10	51.0	24BMR-400200	
400 x 250	10	53.0	24BMR-400250	
400 x 300	10	60.0	24BMR-400300	
400 x 350	10	67.0	24BMR-400350	
450 x 300	10	71.0	24BMR-450300	
450 x 450	10	78.0	24BMR-450450	
500 x 250	10	98.0	24BMR-500250	
500 x 300	10	98.0	24BMR-500300	
500 x 350	10	119.0	24BMR-500350	
500 x 400	10	121.0	24BMR-500400	
500 x 450	10	135.0	24BMR-500450	
600 x 400	10	142.0	24BMR-600400	
600 x 500	10	162.0	24BMR-600500	

PN16 and PN 25 on request, please contact us for delivery times.



— Cast iron socket joint fittings for PVC pipe

24-2E

Double socket reducer taper / In accordance with EN 12842 / made of ductile cast iron coated with epoxy, minimum thickness 250µ / EPDM seals



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
75 x 63	16	3.7	24-2E075063	
90 x 63	16	4.7	24-2E090063	
90 x 75	16	4.9	24-2E090075	
110 x 75	16	6.0	24-2E110075	
110 x 90	16	6.6	24-2E110090	
125 x 110	16	10.0	24-2E125110	
140 x 125	16	12.2	24-2E140125	
160 x 90	16	11.0	24-2E160090	
160 x 110	16	11.0	24-2E160110	
160 x 125	16	12.0	24-2E160125	
160 x 140	16	12.0	24-2E160140	
200 x 110	16	15.0	24-2E200110	
200 x 160	16	19.0	24-2E200160	
225 x 110	16	19.0	24-2E225110*	
225 x 160	16	21.0	24-2E225160*	
200 x 110	10/16	14.0	24-2E200110*	
200 x 125	10/16	14.0	24-2E200125*	
200 x 140	10/16	14.0	24-2E200140*	
200 x 160	10/16	15.0	24-2E200160*	
225 x 110	10/16	15.0	24-2E225110*	
225 x 160	10/16	15.0	24-2E225160*	
250 x 110	10/16	17.0	24-2E250110*	
250 x 125	10/16	18.0	24-2E250125*	
250 x 140	10/16	18.0	24-2E250140*	
250 x 160	10/16	19.0	24-2E250160*	
250 x 200	10/16	20.0	24-2E250200	
315 x 160	10/16	28.0	24-2E315160*	
315 x 200	10/16	29.0	24-2E315200*	
315 x 225	10/16	30.0	24-2E315225*	
315 x 250	10/16	33.0	24-2E315250*	
400 x 140	10/16	45.0	24-2E400140*	
400 x 200	10/16	49.0	24-2E400200*	
400 x 315	10/16	53.0	24-2E400315*	

* Please contact us for delivery times.



— Cast iron socket joint fittings for PVC pipe

55-2E

EPDM seal



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63	16	-	55-2E063	
75	16	-	55-2E075	
90	16	-	55-2E090	
110	16	-	55-2E110	
125	16	-	55-2E125	
140	16	-	55-2E140	
160	16	-	55-2E160	

90-2E

90° elbow with two socket joints



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63	16	3.7	90-2E063	
75	16	5.0	90-2E075	
90	16	6.1	90-2E090	
110	16	8.0	90-2E110	
125	16	10.2	90-2E125	
140	16	11.5	90-2E140	
160	16	15.2	90-2E160	
200	16	25.3	90-2E200	
225	16	27.0	90-2E225*	
250	16	41.5	90-2E250*	
315	16	58.2	90-2E315*	
400	16	98.0	90-2E400*	

45-2E

45° elbow with two socket joints



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63	16	3.1	45-2E063	
75	16	3.8	45-2E075	
90	16	5.4	45-2E090	
110	16	6.7	45-2E110	
125	16	9.2	45-2E125	
140	16	11.4	45-2E140	
160	16	15.6	45-2E160	
200	16	19.6	45-2E200	
225	16	23.5	45-2E225*	
250	16	34.0	45-2E250*	
315	16	50.5	45-2E315*	
400	16	60.0	45-2E400*	

* Please contact us for delivery times.



— Cast iron socket joint fittings for PVC pipe

22-2E

22°30 elbow with two socket joints



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
75	16	3.5	22-2E075	
90	16	4.8	22-2E090	
110	16	6.2	22-2E110	
160	16	10.8	22-2E160	
200	16	15.7	22-2E200	
225	16	19.0	22-2E225*	
250	16	26.4	22-2E250*	
315	16	45.0	22-2E315*	
400	16	57.0	22-2E400*	

* Please contact us for delivery times.

11-2E

11°15 elbow with two socket joints



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
75	16	3.5	11-2E075	
90	16	4.5	11-2E090	
110	16	6.0	11-2E110	
160	16	11.0	11-2E160	
200	16	15.6	11-2E200	
225	16	20.0	11-2E225*	
250	16	27.2	11-2E250*	
315	16	42.3	11-2E315*	
400	16	55.0	11-2E400*	

* Please contact us for delivery times.

BE

Flanged socket



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
60/63	10/16	3.6	BE-6063	
60/75	10/16	4.1	BE-6075	
80/90	10/16	5.4	BE-8090	
100/110	10/16	6.8	BE-100110	
125/125	10/16	8.3	BE-125125	
125/140	10/16	8.9	BE-125140	
150/160	10/16	11.2	BE-150160	
200/200	10	17.0	BE-200200	



— Cast iron socket joint fittings for PVC pipe

290-2E

Cap



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63	16	1.5	290-2E-63	
75	16	2.3	290-2E-75	
90	16	2.6	290-2E-90	
110	16	3.4	290-2E-110	
125	16	5.0	290-2E-125	
140	16	5.4	290-2E-140	
160	16	6.7	290-2E-160	
200	16	10.7	290-2E-200	

130-3E

Three-socket joint tee



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63 x 63 x 63	16	4.2	130-3E063	
75 x 75 x 75	16	5.6	130-3E075	
90 x 90 x 90	16	6.8	130-3E090	
110 x 110 x 110	16	10.8	130-3E110	
125 x 125 x 125	16	11.6	130-3E125	
140 x 140 x 140	16	14.2	130-3E140	
160 x 160 x 160	16	18.7	130-3E160	
200 x 200 x 200	16	26.8	130-3E200	
250 x 250 x 250	16	41.0	130-3E250	
315 x 315 x 315	16	67.0	130-3E315	
400 x 400 x 400	16	130.0	130-3E400	

131-3E

Three-socket joint reducer tee



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
110 x 90 x 110	16	9.3	131-3E110090	
125 x 110 x 125	16	11.4	131-3E125110	
140 x 110 x 140	16	12.0	131-3E140110	
140 x 125 x 140	16	14.0	131-3E140125	
160 x 110 x 160	16	14.9	131-3E160110	



— Cast iron socket joint fittings for PVC pipe

130-2E

Double-socket joint tee with loose flange branch



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
63 x 60 x 63	10/16	6.2	130-2E06360	
90 x 80 x 90	10/16	9.0	130-2E09080	
110 x 100 x 110	10/16	12.3	130-2E110100	
125 x 125 x 125	10/16	14.8	130-2E125125	
160 x 150 x 160	10/16	21.6	130-2E160150	
200 x 200 x 200	10/16	35.0	130-2E200205	
250 x 250 x 250	10	62.8	130-2E250255*	
315 x 300 x 315	10	86.8	130-2E315305*	
400 x 400 x 400	10	129.0	130-2E400400*	

* PN16 and PN25 on request, please contact us for delivery times.



— Cast iron socket joint fittings for PVC pipe

131-2E

Double-socket joint reducer tee with loose flange branch



ND (mm)	PN (BAR)	Weight (kg/p)	ADG ref.	Price in € excl. tax
75 x 60 x 75	10/16	7.0	131-2E07560	
90 x 60 x 90	10/16	8.0	131-2E09060	
110 x 60 x 110	10/16	10.0	131-2E11060	
110 x 80 x 110	10/16	11.5	131-2E11080	
125 x 100 x 125	10/16	13.4	131-2E125100	
140 x 100 x 140	10/16	14.8	131-2E140100	
140 x 125 x 140	10/16	17.0	131-2E140125	
160 x 60 x 160	10/16	15.4	131-2E16060	
160 x 80 x 160	10/16	16.3	131-2E16080	
160 x 100 x 160	10/16	18.3	131-2E160100	
160 x 125 x 160	10/16	20.0	131-2E160125	
200 x 60 x 200	10/16	22.5	131-2E20060	
200 x 80 x 200	10/16	24.1	131-2E20080	
200 x 100 x 200	10/16	25.0	131-2E200100	
200 x 125 x 200	10/16	28.5	131-2E200125	
200 x 150 x 200	10/16	30.5	131-2E200150	
225 x 60/65 x 225	10/16	24.6	131-2E22560	
225 x 80 x 225	10/16	26.1	131-2E22580	
225 x 100 x 225	10/16	26.6	131-2E225100	
225 x 150 x 225	10/16	33.2	131-2E225150	
225 x 200 x 225	10/16	41.2	131-2E225205	
250 x 100 x 250	10/16	35.9	131-2E250100	
250 x 200 x 250	16	53.0	131-2E250206	
315 x 60/65 x 315	10/16	54.8	131-2E31560	
315 x 80 x 315	10/16	56.1	131-2E31580	
315 x 100 x 315	10/16	57.1	131-2E315100	
315 x 150 x 315	10/16	69.5	131-2E315150	
315 x 200 x 315	10/16	73.7	131-2E315205	
315 x 200 x 315	16	73.7	131-2E315206	
400 x 100 x 400	10/16	84.0	131-2E400100	
400 x 125 x 400	10/16	84.0	131-2E400125	
400 x 150 x 400	10/16	87.0	131-2E400150	
400 x 200 x 400	10/16	91.0	131-2E400200	
400 x 250 x 400	10	110.0	131-2E400250	
400 x 300 x 400	10	118.0	131-2E400300	

Sectioning

Gate valves 255B



- Epoxy-coated cast iron valve
- Smooth HDPE pipe ends for electrofusion

Gate valves

Rubber wedge gate valves with HDPE pipe end - Rubber wedge gate valves

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Butterfly valves

Double-flanged double eccentric butterfly valves

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— Rubber wedge gate valves with HDPE pipe end

260B

With smooth HDPE pipe end, ISO drilled flange / Body and operating cap made of ductile cast iron coated with epoxy powder, minimum thickness 250μ, with GSK certification / PE 100 SDR 11 pipe end in accordance with EN 12201-2 / ISO drilled flange in accordance with EN 1092-2 / Anti-clockwise closing / Allowable operating pressure 16 Bar / Ductile cast iron wedge over-moulded with EPDM elastomer / Clockwise closing on request



ND (mm)	ND (mm)	PN	Weight (kg/p)	ADG ref.	Price in € excl. tax
50	63	10/16	-	260B-5063	
60	75	10/16	-	260B-6075	
80	90	10/16	-	260B-8090	
100	110	10/16	-	260B-100110	
100	125	10/16	-	260B-100125	
150	160	10/16	-	260B-150160	

255B

With smooth HDPE pipe end / Body and operating cap made of ductile cast iron coated with epoxy powder, minimum thickness 250μ, with GSK certification / PE 100 SDR 11 pipe end in accordance with EN 12201-2 / Anti-clockwise closing / Allowable operating pressure 16 Bar / Ductile cast iron wedge coated with EPDM elastomer / Clockwise closing on request



ND	ISO PN drilling	Flange distance	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	16	850	4.3	255B-40	
50	16	880	4.5	255B-50	
63	16	880	6.9	255B-63	
75	16	865	11.0	255B-75	
90	16	950	16.9	255B-90	
110	16	975	22.0	255B-110	
125	16	1100	32.6	255B-125	
140	16	1100	34.2	255B-140	
160	16	1100	48.3	255B-160	
180	16	1100	50.0	255B-180	
200	16	1200	77.0	255B-200	
225	16	1200	81.0	255B-225	
250	16	1250	122.5	255B-250	
280	16	1250	128.5	255B-280	
315	16	1600	198.0	255B-315	

- HDPE PE100 SDR11 pipe pressed onto the grooved ends of the valve, locked by a ductile cast iron ring and protected by a heat-shrink sleeve.



— Rubber wedge gate valves

240B

Short series / Manufactured in accordance with EN 1171 / Flange distance in accordance with DIN 3352 - F4 / Flange drilling in accordance with EN 1092-2 / Body and operating cap made of ductile cast iron with epoxy coating, thickness 250μ / Wedge made of ductile cast iron over-moulded with EPDM elastomer / Operated by clockwise-closing handwheel / Supplied with handwheel and operating cap



ND	ISO PN drilling	Flange distance	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	140	8.6	240B-40	
50	10/16	150	10.2	240B-50	
60/65	10/16	170	12.8	240B-65	
80	10/16	180	14.3	240B-80	
100	10/16	190	19.0	240B-100	
125	10/16	200	24.3	240B-125	
150	10/16	210	32.4	240B-150	
200	10	230	55.0	240B-200	
200	16	230	55.0	240B-206	
250	10	250	108.0	240B-250	
250	16	250	108.0	240B-256	
300	10	270	155.0	240B-300	
300	16	270	155.0	240B-306	

250B

Long series / Manufactured in accordance with EN 1171 / Flange distance in accordance with DIN 3352 - F5 / Flange drilling in accordance with EN 1092-2 / Body and operating cap made of ductile cast iron with epoxy coating, thickness 250μ / Wedge made of ductile cast iron over-moulded with EPDM elastomer / Operated by stem square 30 x 30 mm, anti-clockwise closing



ND	ISO PN drilling	Flange distance	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	240	9.4	250B-40	
50	10/16	250	11.0	250B-50	
60/65	10/16	270	13.6	250B-65	
80	10/16	280	15.3	250B-80	
100	10/16	300	20.0	250B-100	
125	10/16	325	26.6	250B-125	
150	10/16	350	36.1	250B-150	
200	10	-	65.0	250B-200	
250	10	450	121.0	250B-250	
250	16	-	99.0	250B-256	
300	10	500	174.0	250B-300	
300	16	500	174.0	250B-306	

— Rubber wedge gate valves

275B

PN25 series / Manufactured in accordance with EN 1171 / Flange distance in accordance with DIN 3352 - F5 / Flange drilling in accordance with EN 1092-2 / Body and operating cap made of ductile cast iron with epoxy coating, thickness 250μ with GSK certification / Wedge made of ductile cast iron over-moulded with EPDM elastomer / Operated by stem square 30 x 30 mm, ant-clockwise closing



ND	ISO PN drilling	Flange distance	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	25	240	9	275B-40	
50	25	250	11	275B-50	
60	25	270	13	275B-60	
65	25	270	14	275B-65	
80	25	280	19	275B-80	
100	25	300	25	275B-100	
125	25	325	31	275B-125	
150	25	350	45	275B-150	
200	25	400	65	275B-200	
250	25	450	97	275B-250	
300	25	500	136	275B-300	

— Double-flanged double eccentric butterfly valves

FPV

ISO PN10 drilling / Manufactured in accordance with EN 1074 / Flange distance in accordance with EN 598 series 14 / Flange drilling in accordance with EN 1092-2 / Body and butterfly made of ductile cast iron with epoxy coating, thickness 250μ / EPDM seal / Stainless steel valve seat / Operated by manual gearbox with clockwise closing handwheel



ND	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
150	10/16	210	35.0	FPV-150	
200	10	230	48.0	FPV-200	
250	10	250	74.0	FPV-250	
300	10	270	94.0	FPV-300	
350	10	290	125.0	FPV-350	
400	10	310	141.0	FPV-400	
450	10	330	197.0	FPV-450	
500	10	350	232.0	FPV-500	
600	10	390	331.0	FPV-600	
700	10	430	485.0	FPV-700	
800	10	470	563.0	FPV-800	
900	10	510	910.0	FPV-900	
1000	10	550	1083.0	FPV-1000	
1100	10	590	1650.0	FPV-1100	

FPV

ISO PN16 drilling / Manufactured in accordance with EN 1074 / Flange distance in accordance with EN 598 series 14 / Flange drilling in accordance with EN 1092-2 / Body and butterfly made of ductile cast iron with epoxy coating, thickness 250μ / EPDM seal / Stainless steel valve seat / Operated by manual gearbox with clockwise closing handwheel



ND	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
200	16	230	48.0	FPV-206	
250	16	250	74.0	FPV-256	
300	16	270	97.0	FPV-306	
350	16	290	132.0	FPV-356	
400	16	310	157.0	FPV-406	
450	16	330	221.0	FPV-456	
500	16	350	259.0	FPV-506	
600	16	390	360.0	FPV-606	
700	16	430	493.0	FPV-706	
800	16	470	631.0	FPV-806	
900	16	510	942.0	FPV-906	
1000	16	550	1150.0	FPV-1006	
1100	16	590	1738.0	FPV-1106	

Protection

Pressure reducer 930



- Diaphragm type, PN 25 NF-approved
- 2 multi-threaded connectors for 16 connection configurations in 1/2" and 3/4"

Strainer boxes

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Filters

Y strainer

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Air valves

Air valves cups for drinking water and clear water - Air valves for wastewater and raw sewage - Accessories for air valves

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Pressure reducers

Balanced check valve
pressure reducers -
Piston pressure reducers
- Diaphragm pressure
reducers

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Strainer boxes



632B

Strainer box

ND (mm)	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	230	12.0	632B-40	
50	10/16	230	-	632B-50	
65	10/16	230	13.0	632B-60	
80	10/16	300	22.0	632B-80	
100	10/16	300	23.0	632B-100	
150	10/16	400	41.0	632B-150	
200	10	500	72.0	632B-200	
200	16	500	72.0	632B-206	
250	10	580	130.0	632B-250	
250	16	580	130.0	632B-256	
300	10	610	212.0	632B-300	
300	16	610	212.0	632B-306	
400	10	800	-	632B-400	
400	16	800	-	632B-406	



632BR

Strainer box with flush valve

ND (mm)	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
40	10/16	230	12.0	632BR-40	
50	10/16	230	-	632BR-50	
60-65	10/16	230	13.0	632BR-60	
80	10/16	300	22.0	632BR-80	
100	10/16	300	23.0	632BR-100	
125	10/16	400	41.0	632BR-125	
150	10/16	400	41.0	632BR-150	
200	10	500	72.0	632BR-200	
200	16	500	72.0	632BR-206	
250	10	580	130.0	632BR-250	
250	16	580	130.0	632BR-256	
300	10	610	212.0	632BR-300	
300	16	610	212.0	632BR-306	
400	10	800	-	632BR-400	
400	16	800	-	632BR-406	

Related products



240B



592



Y-strainers



630B

Y-strainer with drain plug

ND (mm)	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
25	10/16	160	3.5	630B-25	
32	10/16	180	4.5	630B-32	
40	10/16	200	8.0	630B-40	
50	10/16	230	10.0	630B-50	
65	10/16	290	14.0	630B-65	
80	10/16	340	17.0	630B-80	
100	10/16	350	23.0	630B-100	
125	10/16	400	34.0	630B-125	
150	10/16	480	45.0	630B-150	
200	10	600	68.0	630B-200	
200	16	600	68.0	630B-200A	
250	10	730	112.0	630B-250	
250	16	730	112.0	630B-250A	
300	10	850	170.0	630B-300	
300	16	850	170.0	630B-300A	



630BR

Y-strainer with drain valve

ND (mm)	ISO PN drilling	Flange distance (mm)	Weight (kg/p)	ADG ref.	Price in € excl. tax
25	10/16	160	3.5	630BR-25	
32	10/16	180	4.5	630BR-32	
40	10/16	200	8.0	630BR-40	
50	10/16	230	10.0	630BR-50	
65	10/16	290	14.0	630BR-65	
80	10/16	340	17.0	630BR-80	
100	10/16	350	23.0	630BR-100	
125	10/16	400	34.0	630BR-125	
150	10/16	480	45.0	630BR-150	
200	10	600	68.0	630BR-200	
200	16	600	68.0	630BR-200A	
250	10	730	112.0	630BR-250	
250	16	730	112.0	630BR-250A	
300	10	850	170.0	630BR-300	
300	16	850	170.0	630BR-300A	

Related product



JDD



Y-strainers

Basket strainer

Easy maintenance via rapid access to the filter element / Large filtration and storage area



ND (mm)	Length	Height	HYD ref.	Price in € excl. tax
50	200	233	C 0402 01001	
65	230	285	C 0402 01002	
80	270	320	C 0402 01003	
100	300	378	C 0402 01004	
150	330	485	C 0402 01005	
200	350	618	C 0402 01006	

233

Basket Y-strainer with removable stainless steel screen / Bolted lid with drain plug / Temperature from -10°C to +80°C / Max. pressure 16 bar up to ND 200 / Option to add a flush valve



ND (mm)	Length	Height	HYD ref. without valve	Price in € excl. tax	HYD ref. with valve	Price in € excl. tax
50	230	117	R 2308 01226		R 2308 02226	
65	290	142	R 2308 01227		R 2308 02227	
80	310	163	R 2308 01228		R 2308 02228	
100	350	194	R 2308 01229		R 2308 02229	
125	400	248	R 2308 01230		R 2308 02230	
150	480	280	R 2308 01231		R 2308 02231	
200	600	346	R 2308 01232		R 2308 02232	



Air valves

EV252

Single-function air valve / PN 10/16 flange in accordance with DIN EN 1092-2 / Epoxy-coated ductile cast iron body / With stop valve and flange / Maximum operating temperature: 70°C



ND (mm)	Weight (kg/p)	HYD ref.	Price in € excl. tax
40/65	8.0	EV252-40	
80	9.0	EV252-80	
100	10.0	EV252-100	

EV

Triple-function air valve / PN 10/16 flange in accordance with DIN EN 1092-2 / Epoxy-coated ductile cast iron body / Maximum operating temperature: 70°C



ND (mm)	Weight (kg/p)	HYD ref.	Price in € excl. tax
60/65	15.0	EV400-60	
80	16.0	EV400-80	
100	32.0	EV600-100	
150	36.0	EV900-150	
200	38.0	EV900-200	



Balanced check valve pressure reducers



D05FS

Pressure reducer / Adjustable from 1.5 to 6 bar / Reduces water flow noise / Reduces water hammer / Avoids a lot of wastage (leaking pipes, valves, flushing) / Maintains its characteristics over time regardless of water distribution / Ensures the safety of installations and user satisfaction / Available in chrome version.

Size	Tapping	Thread (")	Lgth/mm	Weight (kg/p)	HYD ref.	ADG ref.	Price in € excl. tax
15	1/2"	3/4"	155	0.65	C 0404 04001	D05FS-1/2EF	
15 captive nut inlet 3/4"	1/2"	3/4"	163	-	C 0404 04022	-	
20	3/4"	1"	163	0.82	C 0404 04002	D05FS-3/4EF	
25	1"	1"1/4	176	1.35	C 0404 04003	D05FS-1EF	
30	-	1"1/4	207	2.20	C 0404 04004	D05FS-11/4E	
40	-	1"1/2	216	3.09	C 0404 04005	D05FS-11/2E	
50	-	2"	257	4.46	C 0404 04006	D05FS-2E	

- Provides protection for drinking water installations against excessive upstream pressure. It maintains a substantially constant downstream pressure regardless of upstream pressure fluctuations.

- Spring-loaded pressure regulators operate on the principle of force comparison. The resistance of a diaphragm is countered by the force of an adjustment spring. When water is drawn off, the balance is disrupted, the downstream pressure drops and

therefore the force exerted under the diaphragm. The force of the spring then becomes predominant and the valve tends to open. The outlet pressure thus tends to increase again until it reaches a new balance.

- The upstream pressure has no influence, regardless of whether the valve tends to open or close. Therefore, fluctuations in upstream pressure have no influence on downstream pressure.

Piston pressure reducers



910B

Piston pressure reducer / Epoxy-coated ductile cast iron body / Maximum upstream pressure: 16 bar / Downstream pressure: 2 to 14 bar / Fluid temperature: 1°C - 60°C

ND (mm)	PN	Distance between flanges (mm)	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
40/50	16	230	13.00	1	910B-50	
60/65	16	240	18.00	1	910B-65	
80	16	260	27.00	1	910B-80	
100	16	280	45.00	1	910B-100	
125	16	320	90.00	1	910B-125	
150	16	350	100.00	1	910B-150	



Diaphragm pressure reducers



930

NF-approved PN25 diaphragm pressure reducer / Multi-threaded fittings / Variation in % of the preset value according to the variation in inlet pressure $\pm 10\%$ / Permissible operating temperature: 0°C (excluding freezing) to 80°C / With 1/4" plug allowing the installation of a pressure gauge to view the already reduced pressure of the fluid at the outlet / Supplied with two multi-threaded fittings allowing 16 connection configurations in 1/2" and 3/4"

ND (mm)	Tapping (")	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
20	3/4"	1.05	1	930-20	

- CW617N die-cast brass body.
- Co-moulded fibreglass-reinforced plastic cap with brass insert.
- Stainless steel seat.
- Perox-reinforced EPDM rubber diaphragm.

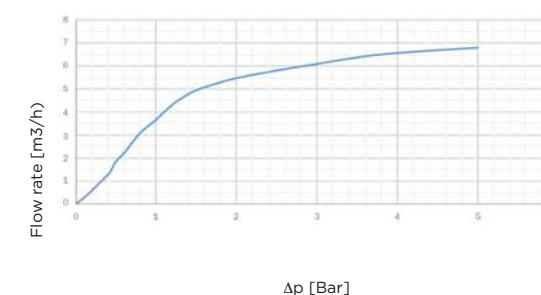
- Max allowable pressure: 25 Bar.
- On-site adjustment range for downstream pressure: 1 to 5 bar.
- Supplied factory-calibrated to 3 bar.



Dimensions of the various configuration options

	DOWNSTREAM			
	Male - 1/2"	Male - 3/4"	Female - 1/2"	Female - 3/4"
UPSTREAM	Male - 1/2"	Male - 3/4"	Female - 1/2"	Female - 3/4"
	L=132	L=123	L=123	L=107
	Male - 3/4"	Male - 3/4"	Female - 1/2"	Female - 3/4"
UPSTREAM	Male - 3/4"	Male - 3/4"	Female - 1/2"	Female - 3/4"
	L=123	L=114	L=114	L=98
	Female - 1/2"	Female - 1/2"	Female - 1/2"	Female - 3/4"
UPSTREAM	Female - 1/2"	Female - 1/2"	Female - 1/2"	Female - 3/4"
	L=123	L=114	L=114	L=98
	Female - 3/4"	Female - 3/4"	Female - 3/4"	Female - 3/4"
UPSTREAM	Female - 3/4"	Female - 3/4"	Female - 3/4"	Female - 3/4"
	L=107	L=98	L=98	L=82

Flow-rate table



- Suitable for use in water supply systems outside buildings (EN 805), where the pressure in the main network can reach 25 bar.

- Can be installed on heating systems, sanitary water distribution systems, irrigation systems, compressed air distribution systems, sanitary water distribution systems inside buildings, and on fire service pipes.



Diaphragm pressure reducers



931

RIO PN25 / CW617N die-cast brass body from ND15 mm to ND25 mm / CB753S cast brass body from ND30 mm to ND50 mm / CW617N brass bonnet / 70Shore EPDM rubber diaphragm with nylon reinforcement / With compensation chamber and stainless steel seat / Female-Female / Maximum permissible upstream pressure: 25 Bar / On-site adjustment range for downstream pressure: 1 to 7 Bar / Supplied factory-calibrated: 3 Bar / Permissible operating temperature: 0°C (excluding freezing) to 80°C / With 1/4" plug allowing the installation of a pressure gauge to view the already reduced pressure of the fluid at the outlet.

ND (mm)	Tapping	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2"	0.700	1	931-15	
20	3/4"	1.060	1	931-20	
25	1"	1.950	1	931-26	
30	1"1/4	2.790	1	931-33	
40	1"1/2	4.310	1	931-40	
50	2"	7.130	1	931-50	

932

RIO PN40 / CW617N die-cast brass body from ND15 mm to ND50mm / Bronze body and bonnet from ND65 mm to ND100mm / 70Shore EPDM rubber diaphragm with nylon reinforcement / With compensation chamber and stainless steel seat / Female-Female / Maximum permissible upstream pressure: 40 Bar / On-site adjustment range for downstream pressure: 1 to 7 Bar / Supplied factory-calibrated: 3 Bar / Permissible operating temperature: 0°C (excluding freezing) to 80°C / With 1/4" plug allowing the installation of a pressure gauge to view the already reduced pressure of the fluid at the outlet.



ND (mm)	Tapping	Weight (kg/p)	Pack of	ADG ref.	Price in € excl. tax
15	1/2"	1.170	1	932-15	
20	3/4"	1.980	1	932-20	
25	1"	2.850	1	932-26	
30	1"1/4	4.650	1	932-33	
40	1"1/2	8.200	1	932-40	
50	2"	10.650	1	932-50	
65	2"1/2	13.200	1	932-66	
80	3"	17.750	1	932-80	
100	4"	32.850	1	932-100	



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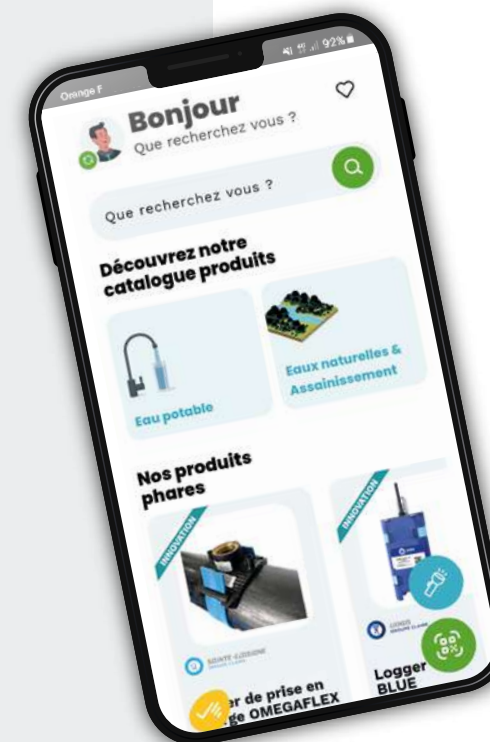


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documentation offline!

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app-claire.com



SCAN TO
DOWNLOAD

Chambers

ULTIMA modular chamber



- Lightweight and modular elements for easy installation and adaptation to the construction site
- Privileged access to hydraulic installations
- Wide range of sizes for all types of ground, including road surfaces

Modular chambers

MODULA modular chambers -
FORTRESS modular chambers -
ULTIMA modular chambers -
ULTIMA CONNECT modular chambers

Page

Modular chamber

Customised modular chamber

Rings and modules made from composite material
Composite cover class A15, B125, C250 and cast iron
D400 to full opening



3

4

1



2

1 Easy installation

- Handling by 1 or 2 operators without handling equipment
- Cutting and drilling pipe inlets using hand-held power tools

2 Safe, maximum access

- Structure can be fully opened
- Simple handling of shaft covers

3 Standard transport

- Lightweight, compact models (sections 15 cm high)
- Transport by light or commercial vehicle

4 Suitable for all network configurations

- Wide range of dimensions
- Modular elements for on-site flexibility
- Tilting cover frame to ensure that the finished ground is level
- Composite or cast iron cover for installation on all types of ground including road surfaces (cast iron cover: standard EN 124, composite cover: according to EN 124)

FASTER, SAFER WORK

Portable, modular elements for easy installation and adaptation to the construction site

LESS TRAFFIC IMPACT AROUND THE SITE

EASIER TO USE

Privileged access to hydraulic installations

SIMPLIFIED LOGISTICS

Reduced construction site and transport costs





ULTIMA modular chambers

ULTIMA

Modular rings for forming chambers / Fibreglass-reinforced polyester resin / Installation in pedestrian areas, pavements or under roads / Pre-formed sections 15 cm high / Vertical load resistance greater than 40 tonnes (test D400 of standard EN 124) / Lateral resistance on PRV chamber: Over 200 kg/cm² under load (test carried out on size 155 x 750) / Covers comply with standard EN 124 / Cover materials Class A15, B125, C250: PRV composite, Class D400: cast iron hinge



Dim: L x W mm	HYD ref. per ring	HYD ref. Ring + Base	Price in € excl. tax
1300 x 850	C 5101 03006	-	
	-	C 5103 03006	
1900 x 1200	C 5101 07192	-	
	-	C 5103 04192	
2000 x 900	C 5101 07200	-	
	-	C 5103 04200	
2500 x 1200	C 5101 07252	-	
2900 x 1200	C 5101 07292	-	
3500 x 1500	C 5101 07353	-	

Dim: L x W mm	HYD ref. Cover A15	HYD ref. Cover B125	HYD ref. Cover C250	HYD ref. Cover D400	Price in € excl. tax
1300 x 850	C 5104 03106	-	-	-	
	-	C 5104 03206	-	-	
	-	-	C 5104 03306	-	
	-	-	-	C 5104 03606	
1900 x 1200	C 5104 03112	-	-	-	
	-	C 5104 03212	-	-	
2000 x 900	-	-	C 5104 03312	-	
	C 5104 07106	-	-	-	
	-	C 5104 07206	-	-	
	-	-	C 5104 07306	-	
2500 x 1200	-	-	-	C 5104 07506	
	C 5104 03114	-	-	-	
	-	C 5104 03214	-	-	
2900 x 1200	-	-	C 5104 03314	-	
	C 5104 07109	-	-	-	
	-	C 5104 07209	-	-	
3500 x 1500	-	-	C 5104 07309	-	
	C 5104 07111	-	-	-	
	-	C 5104 07211	-	-	
	-	-	C 5104 07311	-	

With their small size, the modular rings are easy to transport and set up. The components are transported to the site in a light vehicle, and the chamber can be installed by a single individual. The drilling and cutting operations for the pipe inlets can be carried out using standard tools. The ring principle also allows a high degree of modularity in terms of dimensions and depths. The modular solution significantly reduces working times. It is also easier to operate the network since the cover is completely open, giving full access to the hydraulic installation.



Modular chambers

OPTIONS

Description	HYD ref.	Price in € excl. tax
Stop rung	C 5109 01001	Price on request
Single rung	C 5109 01002	
Support rung	C 5109 01003	
Removable grip	C 5109 02004	
Kit 2 rungs + grip	C 5109 01004	
Cover lifting hook	H 4101 04001	
Cover lifting key D400	C 5109 04002	
Cover lifting key composite	C 5109 04006	
Wooden strut 850 x 1000	C 5109 05010	
Wooden strut 900 x 1000	C 5109 05011	
Wooden strut 1200 x 1000	C 5109 05012	
Wooden strut 1500 x 1000	C 5109 05013	



Rungs+ grip



Cover lifting hook

DID YOU KNOW?

Installing chambers with modular rings secures the construction sites. Handling and installation are carried out manually without any need for handling equipment. The work can be carried out more quickly and there is less impact on site traffic.



STANDARD ASSEMBLY

ND	Overall measurements
50	1100
60	1150
80	1200
100	1350
150	1530
200	1800



Modular chamber installation



ULTIMA CONNECT modular chambers

The Ultima Connect solution consists of corner and length pieces available in numerous sizes.

The wide choice increases the system's total modularity and enables design of chambers of all sizes (variable height, width and length).



Corner piece



Length



T piece connector

ULTIMA CONNECT

Modules for forming chambers / Fibreglass-reinforced polyester resin / Installation in pedestrian areas, pavements or under roads / Pre-formed sections 15 cm high / Vertical load resistance greater than 40 tonnes (test D400 of standard EN 124) / Lateral resistance on PRV chamber: Over 200 kg/cm² under load (test carried out on size 155 x 750) / Option for customised covers, please contact us

Description	Length (mm)	HYD ref.	Price in € excl. tax
Straight length	500	C 5101 04501	
	600	C 5101 04502	
	1000	C 5101 04503	
Right elbow	600	C 5101 04101	
	675	C 5101 04102	
	750	C 5101 04103	
	800	C 5101 04104	
	900	C 5101 04105	
	1000	C 5101 04106	
	1200	C 5101 04107	
	1500	C 5101 04108	
Left elbow	1900	C 5101 04109	
	600	C 5101 04301	
	675	C 5101 04302	
	750	C 5101 04303	
	800	C 5101 04304	
	900	C 5101 04305	
	1000	C 5101 04306	
	1200	C 5101 04307	
	1500	C 5101 04308	
	1900	C 5101 04309	

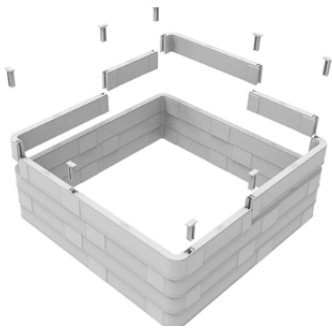
Description	HYD ref.	Price in € excl. tax
T piece connector	C 5101 04701	



ULTIMA CONNECT modular chambers

DID YOU KNOW?

Ultima Connect chambers are packed and delivered unassembled to minimise their overall measurements. They are assembled on site. This cuts transport costs, even on sites that are difficult to access.



Packaging

- The modules feature the same technical and mechanical characteristics as those of the Ultima chambers. They are assembled using pins made of the same material.

- The alternation of right and left modules at each level helps to enhance the overall robustness by optimizing lateral resistance.

Network accessories

Inspection hatches

Bolts 222



- ___ Access to water systems
- ___ Assisted, safe opening
- ___ A range of models: from 600x600 to 1200x1000 and other dimensions on request
- ___ Load class A15, B125 or C250



- ___ Special for water supply
- ___ 2 materials: GEOMET 500B or stainless steel

Inspection hatches

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Ladders and Rungs

Ladders - Rungs

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Anchor and insertion clamps

Anchor clamps -
Insertion clamps

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Insulation kits

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Bolts

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Seals

Seals to fit flanges -
Seals to fit valves

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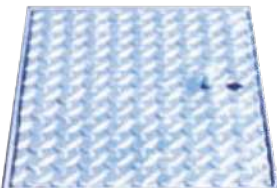
351



Inspection hatches

Inspection hatch for meter chamber or technical chamber

Manufactured from S235JR steel, suitable for GALVA to NF A35-503 / Galvanised to NF ISO 1461 in accordance with NFE88-002/NFE85-010 standards



Hatch 3.5T (A15)



Hatch 12.5T (B125)

Dimensions	Permitted load	Weight (kg)	CLS ref.	Price in € excl. tax
600 x 600	3.5T (A15)	51	VTRAPPE600	
700 x 700		56	VTRAPPE700	
800 x 800		61	VTRAPPE800	
900 x 900		65	VTRAPPE900	
1000 x 800		65	VTRAPPE	
1000 x 1000		74	VTRAPPE1000	
1000 x 1200		80	VTRAPPE10001200	
1100 x 900		65	VTRAPPE1100	
1100 x 1100		80	VTRAPPE11001100	
1200 x 800		74	VTRAPPE1200	
1200 x 1200		87	VTRAPPE12001200	
1500 x 1500	12.5T (B125)	95	VTRAPPE1500	
1900 x 1000		-	VTRAPPE19001000	
600 x 600		66	VTRAPPE600B	
700 x 700		72	VTRAPPE700B	
800 x 800		79	VTRAPPE800B	
850 x 850		82	VTRAPPE850B	
900 x 900		84	VTRAPPE900B	
1000 x 800		85	VTRAPPEB	
1000 x 1000		96	VTRAPPE1000B	
1100 x 900		84	VTRAPPE1100900B	
1150 x 1150		110	VTRAPPE1150B	
1200 x 800	25T (C250)	96	VTRAPPE1200B	
1200 x 1000		108	VTRAPPE12001000B	
1000 x 800		-	VTRAPPEC	
1000 x 1000		-	VTRAPPE1000C	
1100 x 900		-	VTRAPPE1100900C	
1200 x 800		-	VTRAPPE1200C	
1200 x 1000		-	VTRAPPE1200100C	

Other dimensions on request.

- Galvanised steel inspection hatches for cementing in place.
 - Use: closure of metering, backflow or technical chambers.
 - Health/Safety: compensating cylinders reduce the force required to open the door.
- Signalling chains can be used to

demarcate the opening (chains must not be used as fall protection). As standard, our inspection hatches can withstand a rolling load of 3.5 metric tons. Opened by EDF triangle key.

- Standard dimensions: 1000 x 800 mm - 1200 x 800 mm - 1000 x 1000 mm - 1100 x 900 mm.



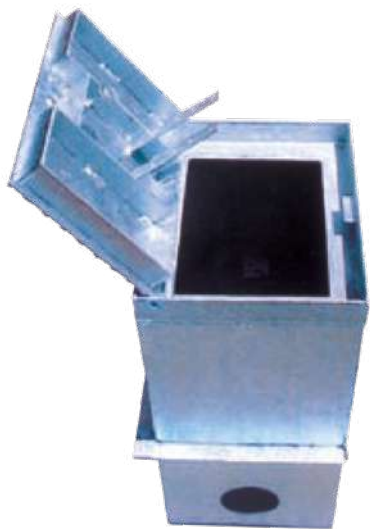
Inspection hatches

Accessories

Description	CLS ref.	Price in € excl. tax
Reversible lock (right and left) for hatches	AWSERRURETRAPPE	
Key for inspection hatches	VCLES	

Other types of parts manufactured by EIE

Example: **Underground galvanised steel enclosure**



Underground galvanised steel enclosure



Magnetic cover lifter
see p.446 EIE - WORKING SOLUTIONS catalogue

All products manufactured on request up to a maximum load of 25T (standard EN 124)

CAN BE MANUFACTURED IN ALUMINIUM OR STAINLESS STEEL





Ladders

Ladder

Manufactured from S235JR steel, suitable for GALVA to NF A35-503 / Galvanised to NF ISO 1461 in accordance with NFE88-002/NFE85-010 standards



Composition	Floor to floor dimensions	Ladder length	CLS ref.	Price in € excl. tax
-------------	---------------------------	---------------	----------	----------------------

Standard dimensions: width 350 mm

1 element 2 pairs of mounting brackets (to be fixed: hole ø 12 mm, or to be cemented in place)	991 - 1270	780		
	1271 - 1550	1060		
	1551 - 1830	1340		
	1831 - 2110	1620		
	2111 - 2390	1900		
	2391 - 2670	2180		
	2671 - 2950	2460		
	2951 - 3230	2740		
	3231 - 3510	3020		

Price per metre of ladder
Masonry bracket (pair)
Mounting bracket (pair)
Handle ø 25, lgth 1160
Handle bracket
Safety hoop ø 710, per ml

Rungs

Rung

Manufactured from S235JR steel, suitable for GALVA to NF A35-503 / Galvanised to NF ISO 1461 in accordance with NFE88-002/NFE85-010 standards



Composition	CLS ref.	Price in € excl. tax
-------------	----------	----------------------

To be cemented in place ø 25 - Dimensions: 300 x 325 x 300

Smooth rung to be cemented in place - Rung ø 25 round or square drilled face - Handle ø 25, lgth 1160		
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To be cemented in place ø 30 - Dimensions: 300 x 400 x 300

Smooth rung to be cemented in place - Rung ø 30 round or square drilled face - Handle ø 30, lgth 1450		
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Anchor clamps

Anchor clamps

Epoxy coated steel saddle / Zinc-plated bolts



ANCHOR CLAMPS FOR PVC
AND PE ON REQUEST

ND	Tolerance	CLS ref.	Price in € excl. tax
----	-----------	----------	----------------------

Length 520 mm

60	68 - 88	VCOAN060	
80	88 - 109	VCOAN080	
100	107 - 128	VCOAN100	
125	132 - 152	VCOAN125	
150	158 - 182	VCOAN150	
200	217 - 234	VCOAN200	
250	274	VCOAN250	
300	331	VCOAN300	
400	426 - 432	VCOAN400	
500	529-535	VCOAN500	

- Body: steel.
- Paint: Epoxy.
- Bolts: zinc-plated steel, diameter 16.
- Clamp: width 45 mm.
- Shaft: diameter 24 mm or square 22 mm, length 520 mm.
- Available diameters (cast iron standard): ND 60, ND 80, ND 100, ND 125, ND 150, ND 200, ND 250, ND 300, ND 400, ND 500.
- Other lengths or diameters on request.

Insertion clamps

NEW



Double-inlet version

IN PIPE

Network access device for PE/PVC pipes / Mechanically welded steel body with epoxy coating / ND 40 bronze valve(s) on inlet(s) and connection(s) / Single or double inlet version / 45° angle / Suitable for insertion of PIPEMIC leak detectors

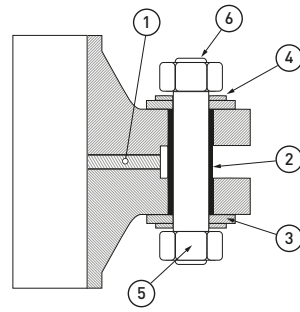
ND	Single inlet CLS ref.	Double inlet CLS ref.	Price in € excl. tax
63	COL_ACC_RES_SIMPLE_DE063	COL_ACC_RES_DOUBLE_DE063	
75	COL_ACC_RES_SIMPLE_DE075	COL_ACC_RES_DOUBLE_DE075	
90	COL_ACC_RES_SIMPLE_DE090	COL_ACC_RES_DOUBLE_DE090	
110	COL_ACC_RES_SIMPLE_DE110	COL_ACC_RES_DOUBLE_DE110	
125	COL_ACC_RES_SIMPLE_DE125	COL_ACC_RES_DOUBLE_DE125	
140	COL_ACC_RES_SIMPLE_DE140	COL_ACC_RES_DOUBLE_DE140	
160	COL_ACC_RES_SIMPLE_DE160	COL_ACC_RES_DOUBLE_DE160	
180	COL_ACC_RES_SIMPLE_DE180	COL_ACC_RES_DOUBLE_DE180	
200	COL_ACC_RES_SIMPLE_DE200	COL_ACC_RES_DOUBLE_DE200	



Insulation kits

Insulation kit

Zinc-plated steel bolts



Description	ND	Bolts		Weight (kg)	CLS ref.	Price in € excl. tax
		Qty	Dimensions			
Insulation kit ND 50 - PN10-16	50				NKIT05010	
Insulation kit ND 60 - PN10-16	60				NKIT06010	
Insulation kit ND 80 - PN10-16	80				NKIT08010	
Insulation kit ND 100 - PN10-16	100				NKIT10010	
Insulation kit ND 125 - PN10-16	125				NKIT12510	
Insulation kit ND 150 - PN10-16	150				NKIT15010	
Insulation kit ND 200 - PN10	200				NKIT20010	
Insulation kit ND 200 - PN16	200				NKIT20016	
Insulation kit ND 250 - PN10	250				NKIT25010	
Insulation kit ND 250 - PN16	250				NKIT25016	
Insulation kit ND 300 - PN10	300				NKIT30010	
Insulation kit ND 300 - PN16	300				NKIT30016	

For other dimensions and other PN: please contact us.

- **1 - Central seal** made from 3T bakelised fabric to standard DIN HGW2083, laminated with two Klinger-Sil seals
- **2 - Insulating tube** in HP2065 standard bakelised paper
- **3 - Peripheral insulating washers** made of bakelised fabric
- **4/5/6 - CI 8.8 zinc-plated bolts**



ASK FOR OUR
DATA SHEET



Kit comprising: central insulating ring, insulating tubes on bolts, insulating washers and complete zinc-plated steel bolts.
For OTHER DIMENSIONS and OTHER PN: please contact us.



Insulation kits

KI

Insulation kit for ISO flange / Central insulation seal made of bakelised fabric, compliant with DIN HGW2082 and DIN 7735 standards, laminated with two Klingsil seals / Insulating tube made of bakelised paper, DIN HP2065 standard / Peripheral insulating washers made of bakelised fabric / Zinc-plated CI 8.8 steel bolts / Suitable for steel, stainless steel and cast iron



ND (mm)	PN (BAR)	ADG ref.	Price in € excl. tax
50	10/16	KI-50	
60	10/16	KI-60	
65	10/16	KI-65-4	
65	10/16	KI-65-8	
80	10/16	KI-80	
100	10/16	KI-100	
125	10/16	KI-125	
150	10/16	KI-150	
200	10	KI-200	
200	16	KI-206	
250	10	KI-250	
250	16	KI-256	
300	10	KI-300	
300	16	KI-306	
350	10	KI-350	
350	16	KI-356	
400	10	KI-400	
400	16	KI-406	
450	10	KI-450	
450	16	KI-456	
500	10	KI-500	
500	16	KI-506	
600	10	KI-600	
600	16	KI-606	



Bolts

222

Special bolts for “water supply” 8/8 / GEOMET 500B coating / Supplied with (separate) washers / Bolts available without washers, please contact us



Dimensions D x L	Batch quantity	CLS ref.	Batch price in € excl. tax	Dimensions D x L	Batch quantity	CLS ref.	Batch price in € excl. tax
10 x 40	100	222 1040		18 x 100	25	222 18100	
10 x 50	100	222 1050		20 x 60	25	222 2060	
12 x 40	100	222 1240		20 x 65	25	222 2065	
12 x 45	100	222 1245		20 x 70	25	222 2070	
12 x 50	100	222 1250		20 x 80	25	222 2080	
12 x 60	100	222 1260		20 x 90	25	222 2090	
12 x 70	100	222 1270		20 x 100	25	222 20100	
14 x 40	100	222 1440		20 x 110	25	222 20110	
14 x 50	50	222 1450		20 x 120	25	222 20120	
14 x 60	50	222 1460		20 x 130	25	222 20130	
16 x 60	50	222 1660		20 x 140	50	222 20140	
16 x 65	50	222 1665		20 x 180	50	222 20180	
16 x 70	50	222 1670		24 x 90	50	222 2490	
16 x 80	50	222 1680		24 x 100	50	222 24100	
16 x 90	50	222 1690		24 x 110	50	222 24110	
16 x 100	50	222 16100		24 x 120	50	222 24120	
16 x 110	50	222 16110		27 x 100	50	222 27100	
16 x 120	50	222 16120		27 x 120	10	222 27120	
18 x 60	50	222 1860		27 x 140	10	222 27140	
18 x 70	25	222 1870		30 x 140	10	222 30140	
18 x 80	25	222 1880		33 x 140	10	222 33140	
18 x 90	25	222 1890					

Sainte-Lizaigne bolts are available in a variety of models: ready-to-use bolts or separate accessory items (nuts, washers, rods, etc.). This dedicated drinking water supply range is available in GEOMET 500B or stainless steel for highly sensitive environments.



222 I

Special bolts for “water supply” 8/8 / Stainless steel

Dimensions D x L	Batch quantity	CLS ref.	Batch price in € excl. tax	Dimensions D x L	Batch quantity	CLS ref.	Batch price in € excl. tax
16 x 60	100	222 1660I		16 x 100	100	222 16100I	
16 x 80	100	222 1680I		16 x 120	100	222 16120I	
16 x 90	100	222 1690I		16 x 140	100	222 16140I	



Bolts



RON 222 G

Washers / GEOMET coating

Dimensions d x D	Quantity batch	CLS ref.	Batch price in € excl. tax	Dimensions D x L	Quantity batch	CLS ref.	Batch price in € excl. tax
10 x 20	200	RON 222G 1020		20 x 37	50	RON 222G 2037	
12 x 24	200	RON 222G 1224		24 x 44	50	RON 222G 2444	
14 x 28	100	RON 222G 1428		27 x 50	20	RON 222G 2750	
16 x 30	100	RON 222G 1630		30 x 56	20	RON 222G 3056	
18 x 34	50	RON 222G 1834		33 x 60	20	RON 222G 3360	

TFL

Threaded rod / Stainless steel

Dimensions	Stainless steel	CLS ref.	Batch price in € excl. tax	Dimensions	Stainless steel	CLS ref.	Batch price in € excl. tax
M6 x 1000	A2	TFL M06X1000 A2		M12 x 1000	A4	TFL M12X1000 A4	
M6 x 1000	A4	TFL M06X1000 A4		M14 x 1000	A2	TFL M14X1000 A2	
M8 x 1000	A2	TFL M08X1000 A2		M14 x 1000	A4	TFL M14X1000 A4	
M8 x 1000	A4	TFL M08X1000 A4		M16 x 1000	A2	TFL M16X1000 A2	
M10 x 1000	A2	TFL M10X1000 A2		M16 x 1000	A4	TFL M16X1000 A4	
M10 x 1000	A4	TFL M10X1000 A4		M20 x 1000	A2	TFL M20X1000 A2	
M12 x 1000	A2	TFL M12X1000 A2		M20 x 1000	A4	TFL M20X1000 A4	

VIS HM

Hexagonal head screw / Stainless steel

Dimensions	Batch quantity	Stainless steel	CLS ref.	Batch price in € excl. tax
M4 x 40	200	A2	VIS HM04X040E A2	
M5 x 50	200	A2	VIS HM05X050E A2	
M6 x 50	200	A2	VIS HM06X050E A2	
M8 x 60	100	A2	VIS HM08X060E A2	
M10 x 70	100	A2	VIS HM10X070E A2	
M12 x 60	100	A2	VIS HM12X060E A2	
M14 x 60	50	A2	VIS HM14X060E A2	
M16 x 70	50	A2	VIS HM16X070E A2	
M16 x 70	50	A4	VIS HM16X070E A4	
M18 x 70	25	A4	VIS HM18X070E A4	
M18 x 80	25	A2	VIS HM18X080E A2	
M20 x 45	25	A2	VIS HM20X045E A2	
M20 x 70	25	A4	VIS HM20X070E A4	
M20 x 80	25	A2	VIS HM20X080E A2	
M20 x 100	10	A4	VIS HM20X100E A4	



Bolts



ECR HFR
Hexagonal self-locking nut / Stainless steel

Dimensions	Batch quantity	Stainless steel	CLS ref.	Price in € excl. tax
M6	200	A2	ECR HFRM06 A2	
M8	200	A2	ECR HFRM08 A2	
M10	100	A2	ECR HFRM10 A2	
M12	100	A2	ECR HFRM12 A2	
M14	100	A2	ECR HFRM14 A2	
M16	50	A2	ECR HFRM16 A2	



ECR HM
Hexagonal nut / Stainless steel

Dimensions	Batch quantity	Stainless steel	CLS ref.	Batch price in € excl. tax
M4	200	A2	ECR HM04 A2	
M5	200	A2	ECR HM05 A2	
M6	200	A2	ECR HM06 A2	
M8	200	A2	ECR HM08 A2	
M10	100	A2	ECR HM10 A2	
M12	100	A2	ECR HM12 A2	
M14	100	A2	ECR HM14 A2	
M16	50	A2	ECR HM16 A2	
M16	50	A4	ECR HM16 A4	
M18	50	A2	ECR HM18 A2	
M18	50	A4	ECR HM18 A4	
M20	50	A2	ECR HM20 A2	
M20	50	A4	ECR HM20 A4	



ECR HUM
Hexagonal nut / Brass

Dimensions	Batch quantity	CLS ref.	Batch price in € excl. tax
M14	50	ECR HUM14 CW	
M16	50	ECR HUM16 CW	
M18	25	ECR HUM18 CW	
M20	25	ECR HUM20 CW	



Bolts



ECR OAM
Wing nut / Stainless steel

Dim.	Batch quantity	Stainless steel	CLS ref.	Batch price in € excl. tax
M6	200	A2	ECR OAM06 A2	
M8	100	A2	ECR OAM08 A2	
M10	100	A2	ECR OAM10 A2	



BOLTS
Galvanized steel bolts class 6/8 / Use on unburied products

ND	Batch quantity	HYD ref.	Price in € excl. tax
16/70	25	R 2405 02356	
16/80	25	R 2405 02357	
20/80	25	R 2405 02377	
20/90	15	R 2405 02378	



BOU-GE
Hexagonal head bolts, steel class 8.8 / GEOMET coated / Partially threaded screw

Dimensions (mm)	Box	Weight (kg/Box)	ADG ref.	Price in € excl. tax
10 x 50	100	4.830	BOU1050-GE	
12 x 50	100	6.900	BOU1250-GE	
14 x 60	50	5.560	BOU1460-GE	
16 x 70	25	4.130	BOU1670-GE	
16 x 80	25	4.700	BOU1680-GE	
16 x 90	25	5.180	BOU1690-GE	
16 x 100	25	5.330	BOU16100-GE	
18 x 70	25	5.470	BOU1870-GE	
18 x 80	25	5.900	BOU1880-GE	
18 x 90	25	6.600	BOU1890-GE	
20 x 80	25	4.350	BOU2080-GE	
20 x 90	25	7.500	BOU2090-GE	
20 x 100	15	8.840	BOU20100-GE	
20 x 110	15	5.580	BOU20110-GE	
24 x 100	10	5.470	BOU24100-GE	
24 x 120	10	6.200	BOU24120-GE	
24 x 130	10	7.250	BOU24130-GE	
27 x 120	10	8.140	BOU27120-GE	
30 x 140	5	4.900	BOU30140-GE	
33 x 140	5	5.500	BOU33140-GE	



Bolts



BOU-ZI

Hexagonal head bolts, steel class 8.8 / Zinc-plated / Partially threaded screw

Dimensions (mm)	Box	Weight (kg/Box)	ADG ref.	Price in € excl. tax
10 x 50	100	4.830	BOU1050-ZI	
12 x 50	100	6.900	BOU1250-ZI	
14 x 50	100	9.840	BOU1450-ZI	
14 x 60	50	5.560	BOU1460-ZI	
16 x 60	25	3.820	BOU1660-ZI	
16 x 70	25	4.130	BOU1670-ZI	
16 x 80	25	4.700	BOU1680-ZI	
16 x 90	25	5.180	BOU1690-ZI	
16 x 100	25	5.330	BOU16100-ZI	
18 x 70	25	5.470	BOU1870-ZI	
18 x 80	25	5.920	BOU1880-ZI	
18 x 90	25	6.600	BOU1890-ZI	
20 x 80	15	4.350	BOU2080-ZI	
20 x 90	15	4.500	BOU2090-ZI	
20 x 100	15	5.300	BOU20100-ZI	
20 x 110	15	5.580	BOU20110-ZI	
20 x 120	15	5.600	BOU20120-ZI	
24 x 100	10	5.300	BOU24100-ZI	
27 x 120	10	8.140	BOU27120-ZI	
33 x 140	5	7.150	BOU33140-ZI	

BFZ

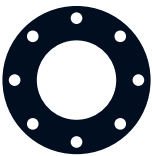
Hexagonal head bolts, steel class 8.8 / Zinc-plated / Fully threaded screw



Dimensions (mm)	Box	Weight (kg/Box)	ADG ref.	Price in € excl. tax
16 x 70	25	4.070	BFZ-1670	
16 x 80	25	4.320	BFZ-1680	
16 x 90	25	5.180	BFZ-1690	
18 x 80	25	5.500	BFZ-1880	
18 x 90	25	6.010	BFZ-1890	
20 x 80	15	4.480	BFZ-2080	
20 x 90	15	5.140	BFZ-2090	
20 x 100	15	5.000	BFZ-20100	
20 x 120	15	5.600	BFZ-20120	



Seals to fit flanges



202 B

Flat rubber seals to fit flanges / Available in PN 10 or PN 16 / For other sizes, please contact us

ND	Dimensions D x d x thickness	Holes Nb x dt x DP	PN	CLS ref.	Price in € excl. tax
20	60 x 25 x 5	-	10/16	202BA020	
25	70 x 30 x 5	-	10/16	202BA025	
32	82 x 40 x 5	-	10/16	202BA032	
40	80 x 50 x 5	-	10/16	202BA040	
50P	165 x 50 x 5	4T x 18 x 125	10/16	202BA050P	
65P	180 x 65 x 5	4T x 22 x 139	10/16	202BA065P	
80P	200 x 80 x 5	8T x 18 x 160	10/16	202BA080P	
100P	220 x 100 x 5	8T x 18 x 180	10/16	202BA100P	
125P	250 x 130 x 5	8T x 19 x 210	10/16	202BA125P	
150	285 x 155 x 5	8T x 23 x 240	10/16	202BA150	
200	340 x 205 x 5	12T x 23 x 295	16	202BA200	
200 A	340 x 200 x 5	8T x 22 x 295	10	202BA200A	
250	405 x 255 x 5	12T x 28 x 355	16	202BA250	
250 A	400 x 255 x 5	12T x 23 x 350	10	202BA250A	
300	460 x 305 x 5	12T x 28 x 410	16	202BA300	
300 A	445 x 310 x 5	12T x 22 x 400	10	202BA300A	
400	580 x 410 x 5	16T x 30 x 525	16	202BA400	

NATURAL RUBBER FLAT SEAL

PN 10/16 / Thickness 4 mm / Available up to ND 400



ND	HYD ref.	Price in € excl. tax	ND	HYD ref.	Price in € excl. tax
20	R 2405 12401		80	R 2405 12427	
30	R 2405 12402		100	R 2405 12428	
40	R 2405 12403		125	R 2405 12429	
50	R 2405 12404		150	R 2405 12430	
60	R 2405 12405		175	R 2405 12431	
65	R 2405 12406		200	R 2405 12432	



Seals to fit flanges



PERFORATED SEAL TO FIT FLANGES

In natural rubber / PN 10/16 / Thickness 4 mm / Available up to ND 400

ND	HYD ref.	Price in € excl. tax	ND	HYD ref.	Price in € excl. tax
40	R 2405 13403		100	R 2405 13428	
50	R 2405 13404		125	R 2405 13429	
60-65	R 2405 13406		150	R 2405 13430	
80	R 2405 13427		200	R 2405 13432	
80 thickness 6 mm.	R 2405 13627				



KEPI SEAL

In natural rubber / Thickness 4 mm / Available up to ND 400 / PN 10/16 from ND 40 to ND 200 / PN 10 from ND 250 to ND 400

ND	HYD ref.	Price in € excl. tax	ND	HYD ref.	Price in € excl. tax
40	R 2405 14403		100	R 2405 14428	
50	R 2405 14404		125	R 2405 14429	
60	R 2405 14405		150	R 2405 14430	
65	R 2405 14406		200	R 2405 14432	
80	R 2405 14427				



Seals to fit flanges

JNP

Non-perforated / EPDM / Thickness 5 mm

ND (mm)	PN (BAR)	Seal dimensions (mm)	ADG ref.	Price in € excl. tax
20	10/16	60 x 25	JNP-20	
30	10/16	70 x 35	JNP-30	
40	10/16	80 x 50	JNP-40	
50	10/16	100 x 60	JNP-50	
60	10/16	110 x 70	JNP-60	
80	10/16	135 x 90	JNP-80	
100	10/16	155 x 110	JNP-100	
125	10/16	185 x 135	JNP-125	
150	10/16	210 x 155	JNP-150	
200	10	265 x 210	JNP-200	
200	16	265 x 210	JNP-200A	
250	10	320 x 260	JNP-250	
250	16	320 x 260	JNP-250A	
300	10	365 x 305	JNP-300	
300	16	365 x 305	JNP-300A	
350	10	430 x 360	JNP-350	
350	16	430 x 360	JNP-350A	
400	10	480 x 410	JNP-400	
400	16	480 x 410	JNP-400A	
500	10	585 x 510	JNP-500	
500	16	585 x 510	JNP-500A	
600	10	685 x 610	JNP-600	
600	16	685 x 610	JNP-600A	



Seals to fit flanges



JP

Perforated / EPDM / Thickness 5 mm

ND (mm)	PN (BAR)	Seal dimensions (mm)	ADG ref.	Price in € excl. tax
40	10/16	Ø150 x 45 + 4 Ø18/110	JP-40	
50	10/16	Ø165 x 55 + 4 Ø18/125	JP-50	
60/65	10/16	Ø175 x 65 + 4 Ø18/135	JP-60	
80	10/16	Ø200 x 85 + 8 Ø18/160	JP-80	
100	10/16	Ø220 x 105 + 8 Ø18/180	JP-100	
125	10/16	Ø250 x 130 + 8 Ø18/210	JP-125	
150	10/16	Ø285 x 155 + 8 Ø22/240	JP-150	
200	10	Ø340 x 205 + 8 Ø22/295	JP-200	
250	10	Ø400 x 255 + 12 Ø22/350	JP-250	
300	10	Ø445 x 305 + 12 Ø22/400	JP-300	
350	10	Ø505 x 355 + 16 Ø22/460	JP-350	
400	10	Ø565 x 405 + 16 Ø26/515	JP-400	
500	10	Ø670 x 505 + 20 Ø26/620	JP-500	
600	10	Ø780 x 605 + 20 Ø30/725	JP-600	

JK

EPDM seal with centring lugs for ISO PN10/16 / EPDM / Thickness 5 mm



ND (mm)	PN (BAR)	Seal dimensions (mm)	ADG ref.	Price in € excl. tax
40	10/16	90 x 45 + 2 Ø18/110	JK-40	
50	10/16	105 x 55 + 2 Ø18/125	JK-50	
60	10/16	115 x 55 + 2 Ø18/135	JK-60	
65	10/16	125 x 70 + 2 Ø18/145	JK-65	
80	10/16	140 x 85 + 3 Ø18/160	JK-80	
100	10/16	160 x 105 + 3 Ø18/180	JK-100	
125	10/16	190 x 130 + 3 Ø18/210	JK-125	
150	10/16	215 x 155 + 3 Ø22/240	JK-150	



Seals to fit valves



200

Seals for gate valve heads

Stem ø	CLS ref.	Price in € excl. tax	ND	CLS ref.	Price in € excl. tax
16	200 16		32/33	200 32	
18	200 18		34	200 34	
20	200 20		35/36	200 35	
22/23	200 22		38	200 38	
24	200 24		40/42	200 40	
25	200 25		44	200 44	
26	200 26		48	200 48	
27	200 27		50	200 50	
28	200 28		55	200 55	
29	200 29		60	200 60	
30/31	200 30				



EIE is the expert in solutions for working on water networks without interruption, which it designs and manufactures in France, and markets in France and internationally. Its offering consists of installation and drilling equipment (tapping clamps, branch tees and drilling machines). Leveraging its industrial facilities, the company produces a full range of products as well as custom-made products tailored to specific customer requirements.

Innovative operational solutions such as the isolating valve and the temporary network plugging system are also proposed.

EIE also supplies all the equipment needed for hydrant and standpipe maintenance work and is developing a wide range of tools to simplify the tasks.

Custom manufacturing and expertise



Maintenance and rental of equipment



Quality at the heart of our concerns



Intervention solutions





Intervention Solutions

Under- pressure drilling

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Solutions for working on networks

Page

402

Tools, Measurement and Testing

Page

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Made-to- measure services

Page

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Main contents

Under-pressure drilling

Drilling machine ND 50-200

Fixed tapping saddle

Technical information on under-pressure drilling, see p.524
For technical information on the outside diameters of pipes by material, see p.528.

Branch connection drilling machines

Under-pressure drilling machines - Drilling tools - Drilling machine accessories - Drilling machine rental - Drilling machine servicing and maintenance

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Branch fittings

Tapping clamps/saddles
- Tapping clamps/saddles + valve - Kit for flange - Tapping sleeves

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- Connecting a branch on the water supply network without interrupting the service
- Large-diameter drilling from ND 50 to ND 200, with the option of extending to ND 400
- Can be used on most pipe materials
- Compact size
- Equipment servicing and maintenance
- Rental and assistance option



- Reliability: corrosion-resistant coated steel design, large O-ring seal
- Wide range: from Ø 100 to Ø 2400, various outlet NDs, for all pipe materials
- Made-to-measure: other dimensions and tolerances on request
- Tangential outlet or rotating flange option

House connection drilling machines

Under-pressure drilling machine 20-40 - Combination machine 20-40 - Drilling machine accessories 20-40 - Combination machine accessories 20-40 -

Drilling tools 20-40 - Bronze under-pressure drilling machine - Bronze drilling machine drilling tools - Bronze drilling machine accessories

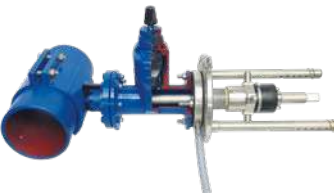
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— Under-pressure drilling machine ND 50-200

Drilling machine ND 50 to 200

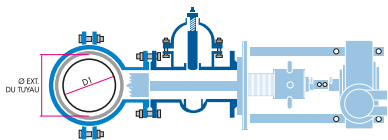
Option of extension up to ND 400



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Drilling machine ND 50 to ND 200 PN10/PN16 Comprising: 1 plate with PN10/PN16 template for holes of 50, 60, 80, 100, 125, 150 and 200 mm 2 guide shafts 2 drive pins 24 plate plugs 1 plug wrench 1 swarf discharge pipe 1 square ratchet spanner 28 - length 5 ML 1 feed and sealing system	Drilling	27	V60200CE	

Option of drilling up to ND 400 with expansion flange: see page 396

Drilling plate for nominal pressures PN 16 - 20 - 25 - 40: please contact us



The optional test kit (see p.445) is available for leak testing.

- Allows branch connections from ND 50 to ND 400 without interrupting the water supply to the customer, on virtually all materials (please contact us for more information)

- Compact under-pressure drilling machine, overall length 530 mm

- We can repair and refurbish your 50 - 200 drilling machines. **Contact us for a detailed quotation.**
- We can rent out machines and drilling equipment from ND 50 to ND 600 (3-day package), with or without assistance. **For more information and prices, please contact our sales department.**

— Under-pressure drilling machine ND 50-200

Drive systems

Description	Weight (kg)	CLS ref.	Price in € excl. tax
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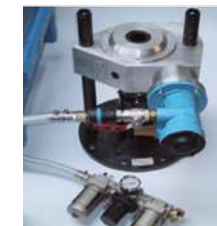
Internal combustion



Internal combustion engine

Petrol engine, 5 hp (totally independent), gear unit, worm gear system (ratio 1/41), driven by ND 20 flexible tube, length 4 m.	42.8	VMOTOTH60200	
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Compressed air



Compressed-air motor

Compressed-air motor, driven by air compressor (not included) power 3.6 to 3.9 kW, air consumption 3000 L/minute at 6 bar minimum. Worm gear unit (1/41 ratio). Pressure regulator. 3-m connecting hose.	32.9	VMOTOPNEU60200	
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Hydraulic

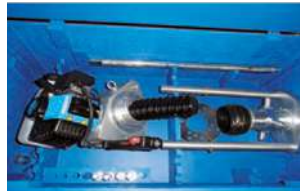


Hydraulic motor

Gearbox, hoses and flat-bottom connection for connection to hydraulic power unit (not included). Operating range: pressure between 120 and 160 bar and flow rate 20 to 40 L/min.	34.5	VMOTOHY60200	
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— Under-pressure drilling machine ND 50-100

Drilling machine ND 50 to 100



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Under-pressure drilling machine ND 50 to ND 100 with built-in swarf discharge plate. Feed system, 5 m of discharge pipe, square ratchet spanner 28.	To drill holes ND 50 to ND 100	17.1	V50100CE	

- Compact, handy, easy-to-use machine
- Tools compatible with the ND 50-200 machine (except ND 100 cutter)
- The machine is supplied as standard with a swarf discharge plate, a feed system, two guide shafts, two drive pins, a swarf discharge pipe and a sealing box

Drive systems

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
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Internal combustion

Built-in internal combustion engine (1.6 hp) with worm gear unit (1/41 ratio)	To drill holes ND 50 to ND 100	26.5	VMOTOTH50100	
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Compressed air

Compressed-air motor, driven by air compressor (not included) power 3.6 to 3.9 kW, air consumption 3000 L/min at 6 bar minimum. Worm gear unit (1/41 ratio). Pressure regulator. 3-m connecting hose.	To drill holes ND 50 to ND 100	32.9	VMOTOPN50100	
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- We can repair and refurbish your 50 - 100 drilling machines. **Contact us for a detailed quotation.**
- We can rent out machines and drilling equipment from ND 50 to ND 600 (3-day package), with or without assistance. **For more information and prices, please contact our sales department.**

— Under-pressure drilling machine ND 250-600

Drilling machine ND 250 to 600



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Under-pressure drilling machine ND 250 to ND 600, with plate PN 10, PN 16 (other available on request), with plugs and 2 shafts. Feed system, 5 m of discharge pipe, square ratchet spanner 28.	To drill holes ND 250 to ND 600	Depending on equipment	V250600	

Only on request. Drive system to be determined according to use.

- We can repair and refurbish your 250 - 600 drilling machines. **Contact us for a detailed quotation.**
- We can rent out machines and drilling equipment from ND 50 to ND 600 (3-day package), with or without assistance. **For more information and prices, please contact our sales department.**



Drilling tools ND 50 to 600

Drilling tools for drilling machines ND 50 to 600

TOOL RECOMMENDATIONS BASED ON MATERIAL QUALITY

Type of material	Carbide hole cutter	HDPE hole cutter	PVC/AC hole cutter	DIAMOND hole cutter
Ductile cast iron - SG	***	0	0	**
Grey cast iron	***	0	0	**
Steel	**	0	0	*
Pre-stressed concrete	**	0	0	***
"BONNA" concrete	0	0	**	***
Asbestos-cement	**	0	***	***
Earthenware	**	0	0	***
HDPE	*	***	*	*
PVC	*	**	***	*
Biaxially-oriented PVC	0	***	*	0
GRP	**	***	*	0
Fibre	*	**	0	0

*** Excellent

** Adequate

* Occasional use

0 Not recommended

This table only covers tools sold by EIE

STAINLESS STEEL PIPE:
PLEASE CONTACT US



Drilling tools ND 50 to 600

Carbide tipped hole cutter



Carbide tipped hole cutter for use on CAST IRON and STEEL pipes from Ø 50 to 600

- Hole cutters ND 50 to 80 to be screwed onto the shaft
- Hole cutters ND 100 screw-on for machine 50-100
- Hole cutters ND 100 to be fitted for machine 50-200
- Hole cutters ND 100 to 125 supplied with 4 screws M 10x30
- Hole cutters ND 150 to 600 supplied with 6 or 8 screws M 12x35



Hole cutter for use on PVC and Asbestos Cement (Eternit) pipes from Ø 50 to 600

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
ND 50 screw-on	Cast iron and steel	0.19	VFRC050	
ND 60 screw-on		0.36	VFRC060	
ND 80 screw-on		0.76	VFRC080	
ND 100 screw-on		1.4	VFRC100V	
ND 100		1.4	VFRC100	
ND 125		2.15	VFRC125	
ND 150		3.3	VFRC150	
ND 200		5.8	VFRC200	
ND 250		9.35	VFRC250	
ND 300		13.2	VFRC300	
ND 350		15.30	VFRC350	
ND 400		19.20	VFRC400	
ND 500	PVC and Asbestos Cement	39	VFRC500	
ND 600		41.2	VFRC600	
ND 50 screw-on		0.20	VFRP050	
ND 60 screw-on		0.30	VFRP060	
ND 80 screw-on		0.84	VFRP080	
ND 100 screw-on		1.27	VFRP100V	
ND 100		1.27	VFRP100	
ND 125		2.1	VFRP0125	
ND 150		5.65	VFRP0150	
ND 200		5.8	VFRP0200	
ND 250		9.50	VFRP0250	
ND 300		13.40	VFRP0300	
ND 350		15.50	VFRP0350	
ND 400		19.80	VFRP0400	

For larger sizes, please contact us

ASK FOR
OUR DATASHEETS





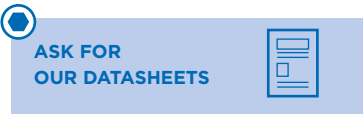
Drilling tools ND 50 to 600

Standard PE solid hole cutters

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
ND 50 screw-on	PE	0.20	VFRPE050	
ND 60 screw-on		0.34	VFRPE060	
ND 80 screw-on		0.75	VFRPE080	
ND 100 screw-on		1.12	VFRPE100	
ND 100		1.12	VFRPE0100	
ND 125		2.15	VFRPE0125	
ND 150		3.33	VFRPE0150	
ND 200		5.85	VFRPE0200	
ND 250		9.70	VFRPE0250	
ND 300		13.50	VFRPE0300	
ND 350		15.80	VFRPE350	
ND 400		20	VFRPE400	

For larger sizes, please contact us

- Hole cutters ND 50 to 80 to be screwed onto the shaft
- Hole cutters ND 100 screw-on for machine 50-100
- Hole cutters ND 100 to be fitted for machine 50-200
- Hole cutters ND 100 to 125 supplied with 4 screws M 10x30
- Hole cutters ND 150 to 600 supplied with 6 or 8 screws M 12x35



Drilling tools ND 50 to 600

Solid hole cutters for high-pressure PE

Long series / Weight on request

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
50	High pressure PE (above PN 40) on request	-	VFRPE050SL	
60		-	VFRPE060SL	
80		-	VFRPE080SL	
100		-	VFRPE100VSL	
100		-	VFRPE100SL	
125		-	VFRPE125SL	
150		-	VFRPE150SL	
200		-	VFRPE200SL	
250		-	VFRPE250SL	
300		-	VFRPE300SL	
350		-	VFRPE350SL	
400		-	VFRPE400SL	

For larger sizes, please contact us



Hole cutter with brazed diamond segments

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
50	Multi-material (see table of recommendations)	0.18	VFRD050	
60		0.32	VFRD060	
80		0.70	VFRD080	
100		1.15	VFRD100V	
100		1.15	VFRD100	
125		1.95	VFRD125	
150		3.10	VFRD150	
200		5.60	VFRD200	
250		10.70	VFRD250	
300		13.50	VFRD300	
350		16.50	VFRD350	
400		20	VFRD400	

For larger sizes, please contact us



- Hole cutters ND 50 to 80 to be screwed onto the shaft
- Hole cutters ND 100 screw-on for machine 50-100
- Hole cutters ND 100 to be fitted for machine 50-200
- Hole cutters ND 100 to 125 supplied with 4 screws M 10x30
- Hole cutters ND 150 to 600 supplied with 6 or 8 screws M 12x35



Drilling tools ND 50 to 600



Pilot drill bit

Pilot drill bits

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Ø 24 length 50 mm, with carbide insert	For hole cutter ND 50 60 - 100 150 - 250	0.15	VTF2450	
Ø 24 length 62 mm, with carbide insert	For hole cutter ND 80 125 - 200	0.20	VTF2462	
Ø 30 length 50 mm, with carbide insert	For hole cutter ND 300,350	0.25	VTF3050	
Ø 30 length 85 mm, with carbide insert	For hole cutter ND 400	0.45	VTF3085	

Other drill bits on request

ASK FOR
OUR DATASHEETS



Drilling machine accessories ND 50 to 600



Tool holder shafts

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Ø 40 length 800 mm, threaded tip for drilling machine 50-100 or 50-200	For hole cutter ND 50 - 60 - 80 (and ND 100 on drilling machine 50-100)	7.3	VT40800	
Ø 40 length 800 mm, with flange Ø 90 for drilling machine 50-200	For hole cutter ND 100 and 125	8.3	VT40800AF	
Ø 40 length 900 mm, with flange Ø 140 for drilling machine 50-200	For hole cutter ND 150 and 200	9.9	VT40900	
Ø 40 length 960 mm, with flange Ø 140 for drilling machine 50-200 (extension to ND 400)	For hole cutter ND 250	11.70	VT40960	
Ø 40 length 1400 mm, with flange Ø 140 for drilling machine 50-200 (extension to ND 400)	For hole cutter ND 300 350 and 400	14.3	VT401400	
Ø 40 length 1400 mm, with flange Ø 140 for drilling machine 500-600	For hole cutter ND 500 and 600	19	VT500600	

Shafts of different lengths are available: please contact us

Drilling machine accessories ND 50 to 600

Sealing and swarf discharge flanges



ND	Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
50/60	Flange converter with bonded seals	To be inserted between the valve and the plate of the drilling machine	1.6	VBRIDECON	
60	Aluminium flange with 2 bonded seals PN10 / PN16		1.95	VJ060	
80			2.2	VJ080	
100			2.5	VJ100	
125			3	VJ125	
150			3.5	VJ150	
200			4.5	VJ200	
250	Aluminium flange with 2 bonded seals PN10 / PN16 (PN16 on request)		5.3	VJ250	
300			6.7	VJ300	
350			9.1	VJ350	
400			-	VJ400	
500			-	VJ500	
600			-	VJ600	

Extension ND 250 to ND 400

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Expansion flange to increase the drilling capacity of a 50-200 drilling machine from ND 250 to ND 400 - PN10/PN16	Extension	-	VFLASQUE	
Angle adapter for drilling ND 400	ND 350 and 400	7.5	VRENVOIANGLE	
Flexible tube ND 25 for drilling ND 400, length 4 metres	ND 350 and 400	27	NFLEXIBLE400	

NOTE: A safety crosspiece is recommended above a pressure of 10 bar.
See page 374.

Drilling machine accessories ND 50 to 600

Storage boxes



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Storage box, partitioned to hold the 50-100 drilling machine and associated equipment	Machine 50-100	32	APCAB50100	
Wooden storage box, partitioned for the 50-200 drilling machine and associated equipment	Machine 50-200	32	APCAB60200	
Wooden storage box, partitioned for ND 250 to 600 extension	Extension 250-600	45	APCAB250600	

Test kit

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Test kit	See page 472	-	VKITSECURITE	

Fitted trailer



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Fitted trailer for under-pressure drilling machine ND 50 to 200. Weight: 252 kg empty, 743 kg with all drilling equipment	Machine 50-200	252	VREMOR50200EQ	

Trailer sold without machine and drilling equipment





Drilling machine accessories ND 50 to 600

Spare parts (other references: please contact us)

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Gasket kit: comprises all the gaskets needed to repair a 50-200 drilling machine	-	0.90	NKITMP60/200	
Safety crosspiece for 60/200 machine	-	8.00	VTRAVERSESECURITE	
Protection kit 2 housings, 4 pins, 2 clamps	-	0.5	V60200KITPROTECT	
Spare flexible tube ND 20 length 4 m for internal combustion engine (Other lengths on request)	-	19.50	NFLEXIBLE60200	
Flexible tube ND 25 length 4 metres (for drilling ND 300-400)	-	31	NFLEXIBLE400	
Spare ratchet spanner, square 28 for drilling machines 50-100 or 50-200	-	4.15	VCC28	
Oil for air motor	In 2 L cans	1.95	NHUILE	
Pin 10x60	-	0.06	V60200REPO2	
Pin 8x40	-	0.03	V60200REPS2	
Set of centring pins (4 M16 and 8 M20)	-	3.20	VGOUJONS	
Centring pin M16 (sold individually)	-	0.20	VGOUJON16	
Centring pin M20 (sold individually)	-	0.30	VGOUJON20	



Drilling machine rental



Our rental equipment is delivered in reusable packaging

Rental equipment

Description
Rental of machine alone, with drive system to suit your requirements (internal combustion, compressed air, hydraulic),
Rental of ND 50 to 600 drilling equipment, including hole cutter, pilot drill bit, tool holder shaft and sealing flange
Rental of extensions for drilling diameters greater than ND 200

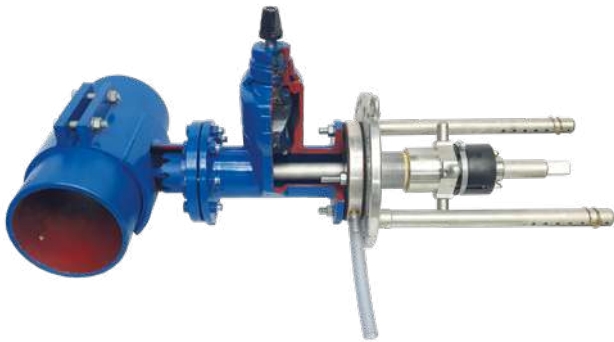
- We can rent out machines and drilling equipment from ND 50 to ND 600 (fixed price for 3 days, excluding transport), with or without assistance.

For more information and prices, please contact our sales department.

Servicing and maintenance of drilling machines

A customised offer for the maintenance of your equipment

EIE offers servicing, maintenance and repair of drilling machines. Performed on the manufacturing site, these operations are subject to specific, transparent monitoring to ensure reliable use of the equipment throughout its service life.

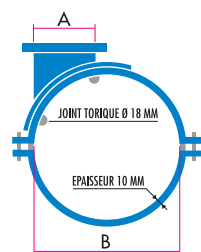


- We can repair and refurbish your drilling machines. **Contact us for a detailed quotation.**

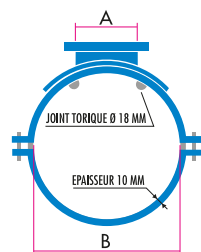
Fixed-flange tapping clamps/saddles

Fixed-flange tapping saddle

Standard saddle / Epoxy coated steel / GEOMET bolts



Tangential outlet saddle
Please contact us



Fixed-flange saddle

ND/DE	Tolerance	Width	Number of bolts	Weight (kg)	CLS ref.	Price in € excl. tax
ND 100 x 60	118/126	200	4	16	VC100060	
DE 101 x 60	110/120	200	4	16	VC101060	
ND 100 x 80	118/126	200	4	16	VC100080	
DE 101 x 80	110/120	200	4	16	VC101080	
ND 100 x 100	118/126	200	4	18	VC100100	
DE 101 x 100	110/120	200	4	18	VC101100	
DE 110 x 60	107/113	200	4	16	VC110060	
DE 110 x 80	107/113	200	4	17	VC110080	
DE 110 x 100	107/113	200	4	17	VC110100	
ND 125 x 60	142/148	200	4	21	VC125060	
ND 125 x 80	142/148	200	4	22	VC125080	
ND 125 x 100	142/148	200	4	22	VC125100	
ND 125 x 125	142/148	300	6	26	VC125125	
DE 140 x 60	137/143	200	4	21	VC140060	
DE 140 x 80	137/143	200	4	22	VC140080	
DE 140 x 100	137/143	200	4	23	VC140100	
DE 140 x 125	137/143	300	6	24	VC140125	
ND 150 x 60	168/176	200	4	22	VC150060	
ND 150 x 80	168/176	200	4	23	VC150080	
ND 150 x 100	168/176	200	4	25	VC150100	
ND 150 x 125	168/176	300	6	26	VC150125	
ND 150 x 150	168/176	300	6	38	VC150150	
DE 160 x 60	157/163	200	4	21	VC160060	
DE 160 x 80	157/163	200	4	22	VC160080	
DE 160 x 100	157/163	200	4	22	VC160100	
DE 160 x 125	157/163	300	6	36	VC160125	
DE 160 x 150	157/163	300	6	40	VC160150	
ND 175 x 60	196/201	200	4	23	VC175060	
ND 175 x 80	196/201	200	4	24	VC175080	
ND 175 x 100	196/201	200	4	25	VC175100	
ND 175 x 125	196/201	300	6	38	VC175125	
ND 175 x 150	196/201	300	6	40	VC175150	
ND 175 x 175	196/201	300	6	40	VC175175	

Fixed-flange tapping clamps/saddles



ND/DE	Tolerance	Width	Number of bolts	Weight (kg)	CLS ref.	Price in € excl. tax
ND 200 x 60	220/227	200	4	24	VC200060	
ND 200 x 80	220/227	200	4	25	VC200080	
ND 200 x 100	220/227	200	4	25	VC200100	
ND 200 x 125	220/227	300	6	40	VC200125	
ND 200 x 150	220/227	300	6	42	VC200150	
ND 200 x 200	220/227	300	6	45	VC200200	
ND 250 x 60	270/279	200	4	27	VC250060	
ND 250 x 80	270/279	200	4	28	VC250080	
ND 250 x 100	270/279	200	4	28	VC250100	
ND 250 x 125	270/279	300	6	43	VC250125	
ND 250 x 150	270/279	300	6	45	VC250150	
ND 250 x 200	270/279	300	6	46	VC250200	
ND 250 x 250	270/279	420	8	81	VC250250	
DE 252 x 60	247/256	200	4	27	VC252060	
DE 252 x 80	247/256	200	4	28	VC252080	
DE 252 x 100	247/256	200	4	28	VC252100	
DE 252 x 125	247/256	300	6	43	VC252125	
DE 252 x 150	247/256	300	6	45	VC252150	
DE 252 x 200	247/256	300	6	46	VC252200	
ND 300 x 60	326/331	200	4	30	VC300060	
ND 300 x 80	326/331	200	4	30	VC300080	
ND 300 x 100	326/331	200	4	30	VC300100	
ND 300 x 125	326/331	300	6	47	VC300125	
ND 300 x 150	326/331	300	6	49	VC300150	
ND 300 x 200	326/331	300	6	51	VC300200	
ND 300 x 250	326/331	420	8	83	VC300250	
ND 300 x 300	326/331	420	8	88	VC300300	

- Body: E24 steel plate, thickness 8 and 10 mm, rolled and mechanically welded.
- Seal: made with an 18 mm O-ring placed in a recess in the steel plate and held on the outside by a counter-plate, which supports the outlet pipe.
- O-ring: food-grade EPDM rubber for WATER, NITRILE for GAS.
- Bolts: Geomet.

- Paint:
 - food-grade epoxy on surfaces in contact with WATER.
 - corrosion-resistant on external surfaces.
- Working pressure: 30 bar on WATER pipe.
- Flange gauge: PN 10 / PN 16 up to ND 150. PN 10 gauge above. PN 25, PN 40 gauge, please contact us.

Fixed-flange tapping clamps/saddles



ND/DE	Tolerance	Width	Number of bolts	Weight (kg)	CLS ref.	Price in € excl. tax
DE 315 x 60	312/318	200	4	30	VC315060	
DE 315 x 80	312/318	200	4	30	VC315080	
DE 315 x 100	312/318	200	4	30	VC315100	
DE 315 x 125	312/318	300	6	47	VC315125	
DE 315 x 150	312/318	300	6	49	VC315150	
DE 315 x 200	312/318	300	6	51	VC315200	
DE 315 x 250	312/318	420	8	83	VC315250	
ND 350 x 60	374/378	200	4	31	VC350060	
ND 350 x 80	374/378	200	4	33	VC350080	
ND 350 x 100	374/378	200	4	33	VC350100	
ND 350 x 125	374/378	300	6	50	VC350125	
ND 350 x 150	374/378	300	6	52	VC350150	
ND 350 x 200	374/378	300	6	54	VC350200	
ND 350 x 250	374/378	420	8	58	VC350250	
ND 350 x 300	374/378	420	8	91	VC350300	
ND 350 x 350	374/378	520	10	120	VC350350	
ND 400 x 60	425/430	200	4	34	VC400060	
ND 400 x 80	425/430	200	4	35	VC400080	
ND 400 x 100	425/430	200	4	36	VC400100	
ND 400 x 125	425/430	300	6	55	VC400125	
ND 400 x 150	425/430	300	6	56	VC400150	
ND 400 x 200	425/430	300	6	57	VC400200	
ND 400 x 250	425/430	420	8	94	VC400250	
ND 400 x 300	425/430	420	8	95	VC400300	
ND 400 x 350	425/430	520	10	118	VC400350	
ND 400 x 400	425/430	520	10	130	VC400400	
ND 450 x 60	476/480	200	4	37	VC450060	
ND 450 x 80	476/480	200	4	38	VC450080	
ND 450 x 100	476/480	200	4	38	VC450100	
ND 450 x 125	476/480	300	6	55	VC450125	
ND 450 x 150	476/480	300	6	60	VC450150	
ND 450 x 200	476/480	300	6	62	VC450200	
ND 450 x 250	476/480	420	8	94	VC450250	
ND 450 x 300	476/480	420	8	96	VC450300	
ND 450 x 350	476/480	520	10	126.5	VC450350	

Other dimensions and tolerances on request.

High tolerance tapping clamps/saddles



"High tolerance" tapping saddle

Epoxy coated steel / GEOMET bolts

ND	Tolerance	Width	Number of bolts	Weight (kg)	CLS ref.	Price in € excl. tax
ND 100 x 60	108/128	200	4	13.80	VCGT100060	
ND 100 x 80	108/128	200	4	14.70	VCGT100080	
ND 150 x 60	165/185	200	4	17.05	VCGT150060	
ND 150 x 80	165/185	200	4	17.65	VCGT150080	
ND 150 x 100	165/185	200	4	18.45	VCGT150100	
ND 200 x 60	211/231	200	4	18.50	VCGT200060	
ND 200 x 80	211/231	200	4	19.00	VCGT200080	
ND 200 x 100	211/231	200	4	20.45	VCGT200100	
ND 200 x 125	211/231	300	6	26.00	VCGT200125	
ND 200 x 150	211/231	300	6	33.25	VCGT200150	

- Body: E24 steel, thickness 8 or 10 mm.
- Seal: food-grade EPDM rubber.
- Bolts: Geomet.
- Paint: food-grade epoxy on surfaces in contact with water.
- Working pressure: 30 bar.
- Flange: PN10 gauge.



Made-to-measure branch saddles: please contact us.

Rotating-flange tapping clamps/saddles

Rotating-flange tapping saddle

The rotating flange enables the valve to be positioned in optimum conditions, especially for branch connections that are not horizontal.



Description	Branch ND	Weight (kg)	CLS ref.	Price in € excl. tax
Saddle NDxxx with rotating flange branch fitting ND 50 PN 10/16	50	-	VCxxx050BT*	
Saddle NDxxx with rotating flange branch fitting ND 60 PN 10/16	60	-	VCxxx060BT*	
Saddle NDxxx with rotating flange branch fitting ND 80 PN 10/16	80	-	VCxxx080BT*	
Saddle NDxxx with rotating flange branch fitting ND 100 PN 10/16	100	-	VCxxx100BT*	
Saddle NDxxx with rotating flange branch fitting ND 125 PN 10/16	125	-	VCxxx125BT*	
Saddle NDxxx with rotating flange branch fitting ND 150 PN 10/16	150	-	VCxxx150BT*	
Saddle NDxxx with rotating flange branch fitting ND 200 PN 10	200	-	VCxxx200BT*	
Saddle NDxxx with rotating flange branch fitting ND 250 PN 10	250	-	VCxxx250BT*	
Saddle NDxxx with rotating flange branch fitting ND 300 PN 10	300	-	VCxxx300BT*	

* xxx: Nominal diameter (ND) of the pipe

Other options: please contact us.

Tapping clamps/saddles + valve

Tapping saddle + Fitted valve



Description	Branch ND	Weight (kg)	CLS ref.	Price in € excl. tax
Saddle NDxxx + Valve ND 40 allowable operating pressure 10/16 bar	40	On request	VCVxxx40*	
Saddle NDxxx + Valve ND 50 allowable operating pressure 10/16 bar	50		VCVxxx50*	
Saddle NDxxx + Valve ND 60 allowable operating pressure 10/16 bar	60		VCVxxx60*	
Saddle NDxxx + Valve ND 80 allowable operating pressure 10/16 bar	80		VCVxxx80*	
Saddle NDxxx + Valve ND 100 allowable operating pressure 10/16 bar	100		VCVxxx100*	
Saddle NDxxx + Valve ND 125 allowable operating pressure 10/16 bar	125		VCVxxx125*	
Saddle NDxxx + Valve ND 150 allowable operating pressure 10/16 bar	150		VCVxxx150*	
Saddle NDxxx + Valve ND 200 allowable operating pressure 10 bar	200		VCVxxx200*	
Saddle NDxxx + Valve ND 250 allowable operating pressure 10 bar	250		VCVxxx250*	
Saddle NDxxx + Valve ND 300 allowable operating pressure 10 bar	300		VCVxxx300*	

* xxx: Nominal diameter (ND) of the pipe

Long series gate valve - Other dimensions and allowable operating pressures: please contact us.

Valve only

Gate valve



Valve ND	PN	Weight (kg)	CLS ref.	Price in € excl. tax
50	10/16	11.5	AFVAB50	
60	10/16	15.0	AFVAB60	
80	10/16	16.5	AFVAB80	
100	10/16	21.0	AFVAB100	
125	10/16	28.1	AFVAB125	
150	10/16	36.2	AFVAB150	
200	10	75.0	AFVAB200	
250	10	121.0	AFVAB250	
300	10	181.0	AFVAB300	

Long series gate valve - Other dimensions and allowable operating pressures: please contact us.

Kit for flange

Kit for flange: seal + bolts



ND	PN	Bolts		Weight (kg)	CLS ref.	Price in € excl. tax
		Qty	Dimensions			
50	10-16-25	4	M 16 x 60	0.85	NKITBRID050	
60	10-16	4	M 16 x 60	0.89	NKITBRID060	
80	10-16	8	M 16 x 60	1.7	NKITBRID080	
100	10-16	8	M 16 x 80	1.73	NKITBRID100	
125	10-16	8	M 16 x 80	1.76	NKITBRID125	
150	10-16	8	M 20 x 90	3.05	NKITBRID150	
200	10	8	M 20 x 90	3.1	NKITBRID200	
200	16	12	M 20 x 90	4.52	NKITBRID20016	
250	10	12	M 20 x 110	4.89	NKITBRID250	
250	16	12	M 24 x 110	7.35	NKITBRID25016	
300	10	12	M 20 x 120	5.33	NKITBRID300	
300	16	12	M 24 x 130	8.35	NKITBRID30016	
400	10	16	M 24 x 140	14.8	NKITBRID400	
450	10	20	M 24 x 140	21.9	NKITBRID450	
500	10	20	M 24 x 140	28	NKITBRID500	
600	10	20	M 27 x 170	36.6	NKITBRID600	
700	10	24	M 27 x 170	56	NKITBRID700	
800	10	24	M 30 x 160	60	NKITBRID800	

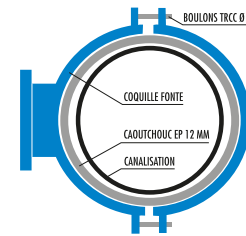
For other dimensions and other nominal pressures: please contact us - Option to supply the ring separately.

 **STAINLESS STEEL BOLTS:**
PLEASE CONTACT US

Cast iron tapping sleeves

Cast iron flanged "T" tapping sleeve type 101 and type 120

Sleeve with cast iron body, steel fitting and flange, coated / GEOMET bolts



ND	Tolerance	Weight (kg)	CLS ref.	Price in € excl. tax
Type 101				
60 x 40	70/77	12	V060040A	
60 x 60	70/77	13	V060060A	
80 x 60	87/98	17	V080060A	
80 x 80	87/98	17	V080080A	
100 x 60	110/120	17	V100060A	
100 x 80	110/120	24	V100080A	
100 x 100	110/120	26	V100100A	
Type 120				
60 x 40	76/87	10	V060040F	
60 x 60	76/87	13	V060060F	
80 x 60	95/103	17	V080060F	
80 x 80	95/103	17	V080080F	
100 x 60	118/126	17	V100060F	
100 x 80	118/126	24	V100080F	
100 x 100	118/126	26	V100100F	

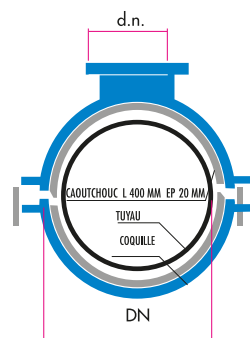
Outlet option: Threaded or tapped on request.

- Body: SG cast iron.
- Fitting and flange: stainless steel.
- Seal: 12 mm thick rubber covering the entire inner surface of the sleeve.
- Rubber: EPDM for WATER, NITRILE for GAS.
- Bolts: Geomet.
- Working pressure: 16 bar for WATER pipe.
- Manufacturing diameter: ND 60 x 40 to 100 x 100 mm. For other tapping sizes, please contact us (for other pipe NDs, refer to Type 120 A or VP sleeves)

Steel tapping sleeves

Steel tapping sleeve type 120 A

Epoxy coated steel clamp / GEOMET bolts



ND	Tolerance	Bolts	Weight (kg)	CLS ref.	Price in € excl. tax
125 x 60	142/150	8 M 20 x 100 GEOMET	26	VA125060	
125 x 80	142/150		28	VA125080	
125 x 100	142/150		29	VA125100	
125 x 125	142/150		35	VA125125	
150 x 60	168/178		37	VA150060	
150 x 80	168/178		38	VA150080	
150 x 100	168/178		42	VA150100	
150 x 125	168/178		45	VA150125	
150 x 150	168/178		49	VA150150	
175 x 60	193/203		48	VA175060	
175 x 80	193/203		49	VA175080	
175 x 100	193/203		53	VA175100	
175 x 125	193/203		58	VA175125	
175 x 150	193/203		59	VA175150	
200 x 60	220/230		41	VA200060	
200 x 80	220/230		43	VA200080	
200 x 100	220/230		45	VA200100	
200 x 125	220/230		51	VA200125	
200 x 150	220/230		53	VA200150	
200 x 200	220/230		55	VA200200	
250 x 60	270/280		55	VA250060	
250 x 80	270/280		58	VA250080	
250 x 100	270/280		59	VA250100	
250 x 125	270/280		60	VA250125	
250 x 150	270/280		62	VA250150	
250 x 200	270/280		68	VA250200	
250 x 250	270/280		70	VA250250	
300 x 60	322/332		61	VA300060	
300 x 80	322/332		64	VA300080	

ND 40 and 50 on request - Single width 400 mm.

Steel tapping sleeves



Other dimensions or
tolerances on request

ND	Tolerance	Bolts	Weight (kg)	CLS ref.	Price in € excl. tax
300 x 100	322/332	8 M 20 x 100 GEOMET	67	VA300100	
300 x 125	322/332		69	VA300125	
300 x 150	322/332		70	VA300150	
300 x 200	322/332		72	VA300200	
300 x 250	322/332		75	VA300250	
300 x 300	322/332		115	VA300300	
350 x 60	373/383		65	VA350060	
350 x 80	373/383		68	VA350080	
350 x 100	373/383		70	VA350100	
350 x 125	373/383		72	VA350125	
350 x 150	373/383		73	VA350150	
350 x 200	373/383		110	VA350200	
350 x 300	373/383		160	VA350300	
400 x 60	422/432		80	VA400060	
400 x 80	422/432		90	VA400080	
400 x 100	422/432		95	VA400100	
400 x 125	422/432		98	VA400125	
400 x 150	422/432		102	VA400150	
400 x 200	422/432		115	VA400200	
400 x 250	422/432		-	VA400250	
400 x 300	422/432		-	VA400300	

ND 40 and 50 on request - Single width 400 mm.

- Body: E24 steel plate, thickness 10 mm, rolled and mechanically welded.
- Seal: 20 mm thick rubber covering the entire inner surface of the sleeve.
- Rubber: Food-grade EPDM for WATER, NITRILE for GAS.
- Bolts: Geomet.
- Paint: food-grade epoxy on surfaces in contact with water.

- Working pressure: 16 bar up to and including ND 200. 10 bar from ND 300 to ND 400. 6 bar from ND 500 to ND 600.
- Manufacturing diameter: ND 125 x 60 to 1200 x 300 mm.
- Single width: 400 mm.
- Use: branch fitting used on very old pipes (grey cast iron) or fragile materials (asbestos cement).



Under-pressure drilling machine ND 20-40

Drilling machine ND 20 to 40

To make a house connection

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Drilling machine capacity ND 20 - 25 - 32 - 40, with swarf discharge plate and feed system. Supplied with plate gasket, 15-mm ratchet spanner and 3-m discharge pipe.	Drilling	5.98	V2040MP	

- Can be used on almost all existing house connection valves
- **Most compact machine on the market**
- Zinc-plated steel feed system
- Aluminium alloy swarf discharge plate
- EPDM plate seal
- 15-mm square ratchet spanner
- Swarf discharge pipe, length 3 m



Standard manual

DID YOU KNOW?

Hot tapping should be preferred whenever possible. In addition to carrying out work without inconveniencing other customers, it allows for the removal of swarf, which often cause damage to taps, clog filters and block certain meters.

Storage case

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Storage case in blue RAL 5015 with tool tray, dimensions 550 x 300 x 300. With foam padding.	Suitable for drilling or combination machines	9.100	VCOFFRET2040MP	



Under-pressure drilling machine ND 20-40

Compressed-air motor

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Compressed-air spanner set for drilling machine 20 - 40. Supplied in a case with socket, regulating filter and lubricator, hose and can of oil.	Drilling	8.2	NKITCOMPRESSEUR	



Drive system option

- Simple, fast, stand-alone operation (with compressor)
- Ideal for making house connections to all types of pipes*
- Supplied with a regulating filter and lubricator
- Air hose with quick-release coupling at both ends

*Caution: for drilling on ND 40 steel pipes, please contact us

- Compressed-air spanner supplied in a case with:
 - 15-mm square connecting socket for shaft ø 17
 - Regulating filter and lubricator
 - Compressed-air supply hose
 - Can of oil
- Operating pressure: 7 bar
- Air consumption: 140 l per minute
- Speed of rotation: 150 rpm with no load

We can **REPAIR AND REFURBISH YOUR 20 - 40 AND COMBINATION DRILLING MACHINES.**

Contact us for a detailed quotation.

We also offer **MAINTENANCE PACKAGES** when you buy new machines. **Please contact our sales department.**



Combination machine: drilling and plugging ND 20-40

Combination machine for drilling and plugging

To make, refurbish or remove a house connection



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
1" threaded outlet, feed system, swarf discharge with valve and quick coupling, discharge pipe, 15-mm square ratchet spanner. Capacity ND 20 - 25 - 32 - 40. Storage case included.	Drilling and plugging	7.48	VMAPMIXT	

- 1" threaded zinc-plated steel body
- Swarf discharge with valve and quick coupling
- Zinc-plated steel feed system
- Aluminium alloy rod support plate
- EPDM plate seal
- Swarf discharge pipe, length 3 m, with quick coupling
- Complete kit for plugging operations comprising:
 - 1 control rod
 - 1 compression knob
 - 1 hose spanner
 - 1 set of modified hex-head screws (for mounting on flanged valves)
 - 1 stem square to fit piston drill bits
- Storage case included

This machine can be used to replace / remove the tapping clamp/saddle and tapping valve WITHOUT TURNING OFF THE WATER. It can also be used for traditional under-pressure drilled connections when creating a house connection.



Storage case



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Storage case in blue RAL 5015 with tool tray, dimensions 550 x 300 x 300. With foam padding.	Suitable for drilling or combination machines	9.100	VCOFFRET2040MP	



Combination machine: drilling and plugging ND 20-40



Compressed-air motor

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Compressed-air spanner set for drilling machine 20-40. Supplied in a case with socket, regulating filter and lubricator, hose and can of oil.	Drilling	8.2	NKITCOMPRESSEUR	



Drive system option

- Simple, fast, stand-alone operation (with compressor)
- Ideal for making house connections to all types of pipes*
- Supplied with a regulating filter and lubricator
- Air hose with quick-release coupling at both ends

*Caution: for drilling on ND 40 steel pipes, please contact us

- Compressed-air spanner supplied in a case with:
 - 15-mm square connecting socket for shaft Ø 17
 - Regulating filter and lubricator
 - Compressed-air supply hose
 - Can of oil
- Operating pressure: 7 bar
- Air consumption: 140 l per minute
- Speed of rotation: 150 rpm with no load

We can **REPAIR AND REFURBISH YOUR 20 - 40 AND COMBINATION DRILLING MACHINES.**

Contact us for a detailed quotation.

We also offer **MAINTENANCE PACKAGES** when you buy new machines. **Please contact our sales department.**

Drilling machine accessories ND 20-40

Tool holder shafts



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Ø 17 Lgth 402 M12	Drill bit/Milling cutter ND 20 and 25	0.630	VT17402	
Ø 17 Lgth 402 M14	Drill bit/Milling cutter ND 32 and 40	0.630	VT1740214	
Ø 17 Lgth 500 M12	Drill bit/Milling cutter ND 20 and 25	0.805	VT17500	
Ø 17 Lgth 500 M14	Drill bit/Milling cutter ND 32 and 40	0.805	VT1750014	

Shafts of different lengths are available: Please contact us

- Zinc-plated steel Ø 17
- 15-mm square
- M12 or M14 thread
- Length 402 mm for 20-40 machine
- Length 500 mm for 20-40 and combination machine

Adaptors for valves

Threaded adaptors for valves with Female outlet



ND / Designation	Use	Weight (kg)	CLS ref.	Price in € excl. tax
ND 20 Male/Male	For standard HUOT female-thread outlet valves	0.230	VADAPTAENCLIQUETE20	
ND 25 Male/Male		0.480	VADAPTAENCLIQUETE25	
ND 32 Male/Male		0.730	VADAPTAENCLIQUETE32	
ND 40 Male/Male		0.980	VADAPTAENCLIQUETE40	
ND 20 Male/Female	For standard valve with Male outlet	0.230	VADAPTA20MF	
ND 25 Male/Female		0.480	VADAPTA25MF	
ND 32 Male/Female		0.730	VADAPTA32MF	
ND 40 Male/Female		0.980	VADAPTA40MF	
ND 20 for iseo valves	For ISEO or BAYARD valves	0.230	VADAPTAISEO20	
ND 25 for iseo valves		0.480	VADAPTAISEO25	
ND 32 for iseo valves		0.730	VADAPTAISEO32	
ND 40 for iseo valves		0.980	VADAPTAISEO40	
ND 20 Male/Male Thread M33 x 1.5	For ISIFLO valve	0.230	VADAPTAISIDN20	
ND 25 Male/Male Thread M42 x 1.5		0.480	VADAPTAISIDN25	
ND 32 Male/Male Thread M52 x 2		0.730	VADAPTAISIDN32	
ND 40 Male/Male Thread M62 x 2		0.980	VADAPTAISIDN40	
Male/Male ND 20 G1"	For tapped Gas outlet valve (inches)	0.230	VADAPTA1"	
Male/Male ND 25 G1"1/4		0.480	VADAPTA1"-1"1/4M	
Male/Male ND 32 G1"1/2		0.730	VADAPTA1"-1"1/2M	
Male/Male ND 40 G2"		0.980	VADAPTA1"-2"	

Take a look at our compatibility list and you're sure to find the one you need

Drilling machine accessories ND 20-40

Adaptors for valves

Threaded adaptors for Male outlet valves



ND / Designation	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Male/Female ND 20 G1"	VALVE Threaded outlet Gas (inches)	-	VADAPTA20MF	
Male/Female ND 25 G1"1/4		-	VADAPTA25MF	
Male/Female ND 32 G1"1/2		-	VADAPTA32MF	
Male/Female ND 40 G2"		-	VADAPTA40MF	

Specific cases on request

Plate adaptors



ND / Designation	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Male ND 20	-	0.566	VADAPTAPLATEAU20M	
Male ND 25		0.595	VADAPTAPLATEAU25M	
Male ND 32		0.574	VADAPTAPLATEAU32M	
Male ND 40		0.572	VADAPTAPLATEAU40M	
Female ND 20	-	0.666	VADAPTAPLATEAU20F	
Female ND 25		0.799	VADAPTAPLATEAU25F	
Female ND 32		0.921	VADAPTAPLATEAU32F	
Female ND 40		1.105	VADAPTAPLATEAU40F	

ADAPTAMF

Adaptors for PRIZDO valves



ND / Designation	Use	Weight (kg)	ADG ref.	Price in € excl. tax
Male/Female ND 20	-	-	ADAPTA20MF	
Male/Female ND 25		-	ADAPTA25MF	
Male/Female ND 32		-	ADAPTA32MF	
Male/Female ND 40		-	ADAPTA40MF	

Spare parts



Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Gasket kit to repair drilling machine 20-40	Machine 20-40	0.048	NKITMP2040	
Flat gasket for machine plate	Machine 20-40	0.045	APJOL14045	
Oil for air motor (2L)	Compressed-air spanner	2.000	NHUILE5	
Spare 15-mm ratchet spanner	Combination Machine 20-40	1.580	VCC15	
Swarf discharge pipe, lgth 3 m	Machine 20-40	0.666	VTUY2040	
Swarf discharge pipe, lgth 3 m, with quick coupling	Combination Machine	0.799	VTUYMIXTE	
Pipe linch pin Ø 8 lgth 28 for coupling	Machine 20-40 Combination	0.921	APGO828	
Adapter removal key (dimension on flat 66)	Adaptors	0.800	VCLE2040	



ND 20-40 combination drilling machine accessories

Plugging tools for combination machine



Rubber stoppers

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Plugging shaft ND20 and 25	Temporary plugging	0.779	VTIGEOBT1NG	
Plugging shaft ND32 and 40		0.828	VTIGEOBT2	
Rubber stopper ND20 with centring cone		0.031	VCAOUT20NG	
Rubber stopper ND25		0.037	VCAOUT25NG	
Rubber stopper ND32		0.057	VCAOUT32	
Rubber stopper ND40		0.096	VCAOUT40	



Plugging kit ND 15

ND 15 plugging kit for combination machine

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
ND15 plugging kit comprising: - ND15 drill bit clearance lock - ND15 recalibration drill bit - ND15 lock - - ND15 plugging shaft - ND15 rod - Rubber stopper ND15 with centring cone	Temporary plugging	-	VKITOBTURATION15	



Permanent plugging kit

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Permanent plugging kit comprising: - Standard lock - FF2" ball valve - Operating key with knob pin	Permanent plugging	2.42	VKITOBTURATION	



ND 20-40 combination drilling machine accessories

Permanent plugging saddle

With screw-on sealing plug



ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
60	For cast iron pipe Supplied with standard aluminium plug for Ø 15 to 40	2.90	VCOBT060	
80		3.10	VCOBT080	
100		3.50	VCOBT100	
150		3.90	VCOBT150	
200		4.50	VCOBT200	
250		5.20	VCOBT250	
300		7.00	VCOBT300	

Other dimensions on request

The **adapters are common to the 20-40 drilling machine** (See page 391).
To be defined when ordering, depending on the brand and type of house connection valve.
They are available for all types of valves on the market: please contact us.

The **drilling tools are common to the 20-40 drilling machine**
(see page 394).



Drilling tools ND 20 to 40

Drilling tools for drilling and combination machines ND 20 to 40

TOOL RECOMMENDATIONS BASED ON MATERIAL QUALITY

Type of material	Carbide Drill bit	HDPE hole cutter	PVC hole cutter	STUB Drill bit
Ductile cast iron - SG	***	0	0	***
Grey cast iron	***	0	0	**
Steel	**	0	0	*
Pre-stressed concrete	**	0	0	***
"BONNA" concrete	**	0	0	***
Asbestos-cement	**	0	0	***
Earthenware	**	0	0	***
HDPE	*	***	*	*
PVC	*	**	***	*
Biaxially-oriented PVC	0	***	*	0
GRP	**	*	*	0
Fibre	*	**	0	0
Blutop range	SPECIFIC TOOLS: PLEASE CONTACT US			
*** Excellent	** Adequate	* Occasional use	0 Not recommended	



STAINLESS STEEL PIPE:
PLEASE CONTACT US

This table only covers tools sold by EIE



Drilling tools ND 20 to 40

Cutting tools for drilling and combination machines 20-40

Carbide tipped drill bit



Carbide drill bits

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Cast iron / steel	0.048	VF20	
25		0.072	VF25	
32		0.128	VF32	
40		0.174	VF40	

Stub drill bit



STUB drill bits

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Cast iron Asbestos-cement	0.044	VF20STUB	
25		0.083	VF25STUB	
32		0.145	VF32STUB	
40		0.156	VF40STUB	

Flat-tip hole cutter for PVC



Flat-tip hole cutter

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	PVC / PE	0.034	VFR20M	
25		0.049	VFR25M	
32		0.076	VFR32M	
40		0.096	VFR40M	

Round-tip hole cutter for PE



Round-tip hole cutter

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	PE / PVC	0.035	VFR20	
25		0.057	VFR25	
32		0.092	VFR32	
40		0.156	VFR40	

Round-tip hole cutter for high-pressure PE ≥ PN 20



SL round-tip hole cutter

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20 long series	PE Above 20 bar	0.051	VFR20SL	
25 long series		0.073	VFR25SL	
32 long series		0.103	VFR32SL	
40 long series		0.174	VFR40SL	

We can supply tools that can be adapted to fit other machines on the market. **Please do not hesitate to contact us.**

Drilling tools ND 20 to 40

Cutting tools for drilling and combination machines 20-40

Carbide tipped round-tip hole cutter



Carbide tipped round-tip hole cutters

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Cast iron / steel	0.060	VFRAISE20	
25		0.080	VFRAISE25	
32		0.106	VFRAISE32	
40		0.180	VFRAISE40	

“BLUTOP” drilling tool for pipes



BLUTOP drilling tool

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
D19	"BLUTOP" or Steel Pipes *	0.150	VPAM19	
D24		0.150	VPAM24	
D30		0.150	VPAM30	
D38		0.200	VPAM38	

“BLUTOP” replacement cutting tools / Hole saw



BLUTOP hole saws

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Ø 19 (ND20)	"BLUTOP" or Steel Pipes *	0.060	NPAM19	
Ø 24 (ND25)		0.090	NPAM24	
Ø 30 (ND32)		0.130	NPAM30	
Ø 38 (ND40)		0.160	NPAM38	



Pilot drill bit

Pilot drill bit ø 8 for BLUTOP tools		0.031	VVPAMFORETDN8	
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* Requires the use of an 18-volt electric screw gun

We can supply tools that can be adapted to fit other machines on the market. **Please do not hesitate to contact us.**

Drilling tools ND 20 to 40

Cutting tools for drilling and combination machines 20-40

Cutting tool adapters for shafts with tapped ends

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Male/Male nipple M12	E.I.E tools ND 20 and ND 25	0.036	VFMAAMM1212	
Male/Male nipple M12/M14	E.I.E tools ND 32 and ND 40	0.046	VFMAAMM1214	



M12 nipple



M12M14 nipple

Cutting tool adapters for shafts with threaded ends

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Male/Female taper M14/F12	E.I.E tools ND 20 and ND 25	0.036	VFREDM1214	
Male/Female taper M12/F14	E.I.E tools ND 32 and ND 40	0.050	VFREDM14F12	



M14F12 taper



M12F14 taper

20-40 drilling: adaptation of EIE cutting tools

MACHINES			ADAPTORS			
			M-M nipple M12 / M12	M-M nipple M12 / M14	M-F taper M14 / M12	M-F taper M12 / M14
			Inlet: M12 thread Outlet: M12 thread	Inlet: M12 thread Outlet: M14 thread	Inlet: M12 tap Outlet: M14 thread	Inlet: M14 tap Outlet: M12 thread
						
Manufacturer	Tool holder shaft		VFMAAMM1212	VFMAAMM1214	VFREDM1214	VFREDM14F12
HUOT	Male fitting	M14 thread				yes
SAINTE-LIZAIGNE	With MM adaptor M12 (ref ADA 229)	M12 thread			yes	
	Female fitting	M12 tap	yes	yes		
PAMCO	Female fitting	M12 tap	yes	yes		
WIMPLEX	Male fitting	M14 thread				yes
BAYARD	Integral tool					

Bronze under-pressure drilling machine

229

Under-pressure drilling machine / Available for hire / Machine drive system: ratchet spanner available on request / Service / Maintenance package for your drilling machine, please contact us

Description	Mark	CLS ref.	Price in € excl. tax
Machine only (with shaft 40)	1	MAP 229	-
Ratchet spanner	2	CLI 229	-
Tool case	3	MAL 229	-
Set of replacement seals for machine	4	JJO 229	-
Drill bit adaptor	5	ADA 229	-
Metal storage box	6	MAL 229M	-

- **Made entirely of Bronze**, which makes it very robust over time and suitable for frequent connecting operations.

- Suitable for all configurations (top, side) and all drilling from ND 20 to 40 on cast iron, steel and plastic pipes.

- **Secured** by a locking device that limits the upward movement of the shaft.
- Maintenance of drilling machines on request, and provision of precise follow-up on their maintenance logs.

229 PACK

Drilling machine set including: drilling machine with shaft MAP 229, ratchet spanner CLI 229, set of replacement seals for machine JJO 229, drill bit adaptor ADA 229, storage box MAL 229M, extension shaft ALL 229 L50, drain valve adaptor for male connecting valve ND 40 ADA 2925 40P, nipples for ADA 2925 40P adaptor to drill in ND 20, 25 or 30, set of drills for cast iron pipe JME 229F, set of drills for plastic pipes JME 229P

Description	CLS ref.	Weight (kg)
Drilling machine set	MAP 229 PACK1	-

CONSERVING RESOURCES

A swarf-clearing flush carried out throughout the drilling process preserves the quality of the valve and contributes to the reliability of the house connection.



Bronze drilling machine drilling tools

MEC 229 F

Drill bits for cast iron pipes

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Cast iron		MEC 229 20F	
25			MEC 229 25F	
30			MEC 229 30F	
40			MEC 229 40F	
Full set			JME 229 F	

MEC 229 P

Drill bits for plastic pipes / Recovers the disc

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Plastic		MEC 229 20P	
25			MEC 229 25P	
30			MEC 229 30P	
40			MEC 229 40P	
Full set			JME 229 P	

MEC 229 A

Drill bits for steel pipes

ND	Use	Weight (kg)	CLS ref.	Price in € excl. tax
20	Steel		MEC 229 20A	
25			MEC 229 25A	
40			MEC 229 40A	
Full set			JME 229 A	

* Requires the use of an 18-volt electric screw gun



DID YOU KNOW?

Sharpening drill bits reduces the effort required during drilling, thereby increasing their service life as well as that of the machine.

The drilling machine and its accessories can be used to make valve connections (top and side connections). The drilling machine can be configured with adapters to fit different types, models and sizes of valve. The drill bits are selected depending on the type of pipe materials and diameters to be drilled.

— Bronze drilling machine accessories



ADA 2925 P

Drain valve adaptor for male connecting valve type 1448, 2038, RCS 2038, 128, 1818

Tapping of adaptor inlet	Valve ND	CLS ref.	Price in € excl. tax
26 x 34	20	ADA 2925 20P	
33 x 42	20-25	ADA 2925 25P	
40 x 49	30	ADA 2925 30P	
50 x 60	40	ADA 2925 40P	



ADA 2921 P

Drain valve adaptor for flanged connecting valve type 1812, 121

Centre-to-centre distance	Valve ND	CLS ref.	Price in € excl. tax
2 x 73-81	20 - 25	ADA 2921 2025P	
2 x 94-102	30 - 40	ADA 2921 3040P	
4 x 110	40	ADA 2921 40GP	



ADA 625

Adaptor for top-connecting valve 628 / Specify the machine brand if not Sainte-Lizaigne

Valve ND	CLS ref.	Price in € excl. tax
20 - 25	ADA 625 20	
40	ADA 625 40	



OBT 9625

Specific tool for top-connecting valve 628

Valve outlet	Valve obturator	CLS ref.	Price in € excl. tax
26 x 34	20	OBT 9625 20	
33 x 42	25	OBT 9625 25	
50 x 60	40	OBT 9625 40	

— Bronze drilling machine accessories



ARB 229

Drill bit holder shaft

Length (mm)	CLS ref.	Price in € excl. tax
330 mm	ARB 229 20	
430 mm	ARB 229 40	



ALL 229

Extension shaft

Length (mm)	CLS ref.	Price in € excl. tax
50 mm	ALL 229L50	



COR 229

Drilling machine 4-hole flange extension / For valve ND 30 and 40

CLS ref.	Price in € excl. tax
COR 229 40	



MAM ADA

Nipple for ADA 2925 40 P adaptor to drill in ND 20, 25 or 30

Valve ND	CLS ref.	Price in € excl. tax
20	MAM ADA MF 5026 MAP 2925 40P	
25	MAM ADA MF 5033 MAP 2925 40P	
30	MAM ADA MF 5040 MAP 2925 40P	

Solutions for working on networks

3D valve



- Under-pressure fitting with no interruption to the water supply to customers
- Saves time
- Safe installation: leak test before drilling
- Safeguards water resources
- Fitted by EIE-approved companies

ABS system



- Quick and easy to install: 2 inflatable air-bag stoppers inserted
- Compact working area
- Limited water shut-off area
- Minimised network drainage

Plug valve

3D plug valve

Page

404

Plugging system

ABS plugging system

Page

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3D valve

3D plug valve

Cast iron and steel pipes: ND 80 to ND 600

PVC pipes: ND 75 to ND 200

PE and AC pipes: please contact us



Quick and trouble-free installation

Under-pressure fitting with no interruption to the water supply to customers

A range of uses to respond to operating requirements

- Next to a defective valve
- Between two valves to create smaller cross-sections
- Upstream and downstream of a bypass to adapt to changes to the network, without disturbing customers

Safe and reliable installation

- Leak test carried out before drilling
- Network protected from all intrusions / accidental pollution
- Must be installed by companies approved by EIE (please contact us)

WATER SUPPLY SERVICE CONTINUITY

Work carried out without cutting off the water supply

TIME SAVED FOR THE TEAMS

Under-pressure installation

OPTIMISES NETWORK USAGE

Isolating points can be easily added to more effectively interlink your network

CONSERVES RESOURCES

No need to drain the network

No waste produced

Less disinfectant used



— 3D plug valve



3D plug VALVE

For cast iron and steel pipes: ND 80 to ND 600 / For PVC pipes: ND 75 to ND 200 /
For PE and AC: please contact us

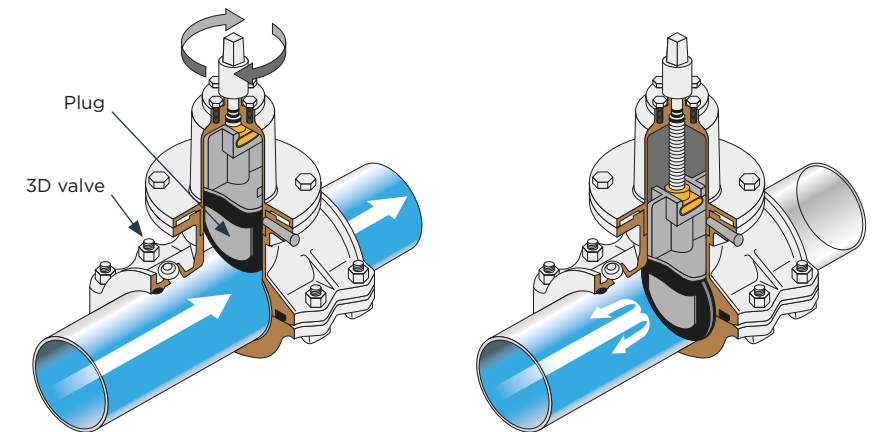
Description	ND	Weight (kg)	CLS ref.	Price in € excl. tax
Under-pressure insertion valve ND 80 - allowable operating pressure 10/16	80		NVANNE3D080	
Under-pressure insertion valve ND 100 - allowable operating pressure 10/16	100		NVANNE3D100	
Under-pressure insertion valve ND 125 - allowable operating pressure 10/16	125		NVANNE3D125	
Under-pressure insertion valve ND 150 - allowable operating pressure 10/16	150		NVANNE3D150	
Under-pressure insertion valve ND 200 - allowable operating pressure 10	200		NVANNE3D200	
Under-pressure insertion valve ND 250 - allowable operating pressure 10	250		NVANNE3D250	
Under-pressure insertion valve ND 300 - allowable operating pressure 10	300		NVANNE3D300	
Under-pressure insertion valve ND 400 - allowable operating pressure 10	400		NVANNE3D400	
Under-pressure insertion valve ND 500 - allowable operating pressure 10	500		NVANNE3D500	
Under-pressure insertion valve ND 600 - allowable operating pressure 10	600		NVANNE3D600	

- **Fitted without shutting off the water supply** (service continuity for the customer)
- **Saves time**
- Prevents accidental pollution when fitting
- **Installation safety** (leak test)
- **Conserves resources** (no need to drain the network)
- Rental of specific tools to install the 3D valve comprising:
 - Hole cutter and shaft in accordance with nominal diameter
 - Tapping lock to match the nominal diameter

- Specific knife gate valve to match the nominal diameter
 - Plugging lock to match the nominal diameter
 - Accessories associated with fitting the gate (list given for information only and subject to quotation)
- Does not include:
- The drilling machine and its drive system
 - Return transport of the equipment
- The maximum rental period is 3 days
Option to purchase the equipment: please contact us



— 3D plug valve



USE

- Alongside a defective valve
- To isolate a section of the network
- To create a bypass

ABS system

ABS plugging system

(Air-bag Stopper)

All types of pipes

ND 40 to 200

Max working pressure: 7 bar



E.I.E
GROUPE CLAIRE



Temporary system

Temporary plugging by inserting 2 air-bag stoppers into the network

Easy to install

- Inserted by under-pressure drilling
- Lightweight equipment

Protected network

- Single-use air-bag stopper to guarantee drinking quality
- No damage to the network
- Less than half the pipe Ø perforated

OPTIMUM CONTINUITY OF THE WATER SUPPLY

Limited water shut-off area

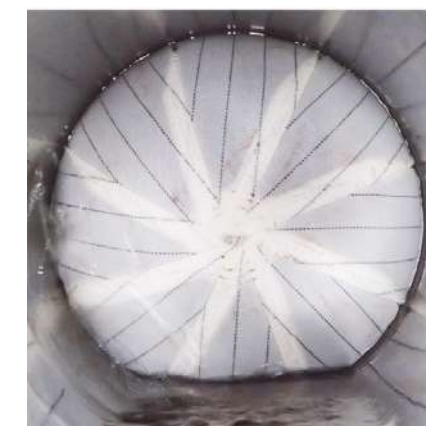
TIME SAVED FOR THE TEAMS

Compact working area

Quick to install

CONSERVES RESOURCES

Network drainage area reduced to a minimum



ABS plugging system

Abs air-bag STOPPER

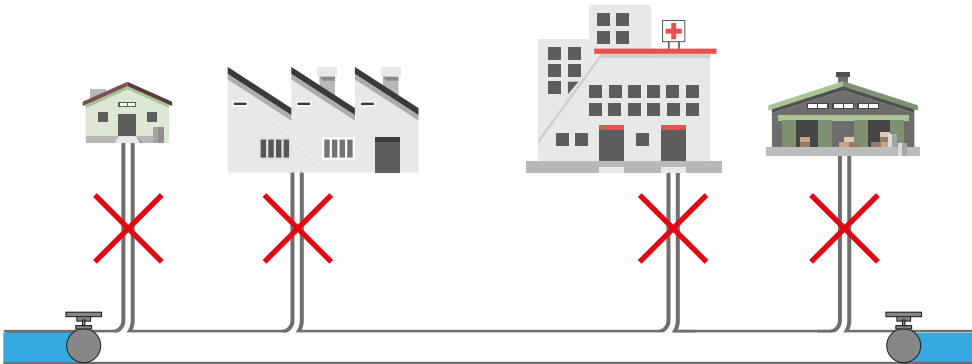


Description	Diameter	Use	CLS ref.	Price in € excl. tax
ABS Air-bag stopper	40	Temporary plugging	NBABS040	
ABS Air-bag stopper	50		NBABS050	
ABS Air-bag stopper	75		NBABS070	
ABS Air-bag stopper	100		NBABS100	
ABS Air-bag stopper	125		NBABS125	
ABS Air-bag stopper	150		NBABS150	

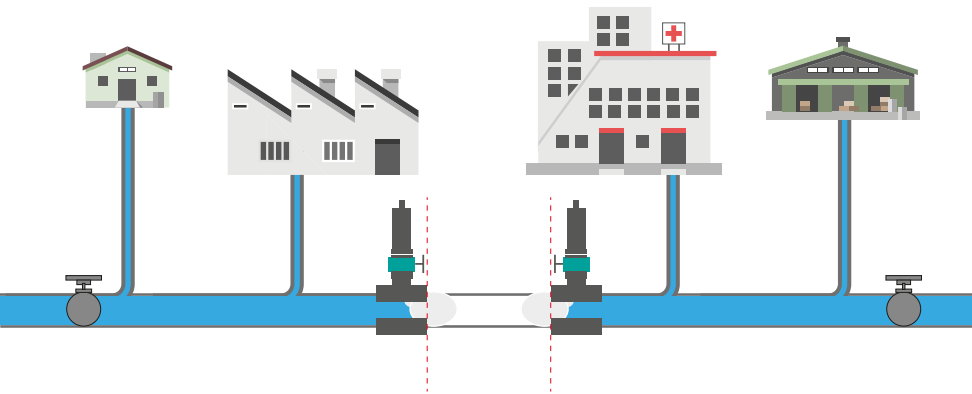
The ABS system makes it easy to turn the water off locally to carry out repairs. The working area is reduced to a minimum, with less impact on the water supply service and less water wasted as only the necessary section is drained.

Please contact us to rent the appropriate insertion device.

ABS plugging system



WITHOUT ABS SYSTEM
The water is cut off between the 2 valves



WITH ABS SYSTEM
Water shut-off is targeted

Tools, Measurement and Testing

Ladder support bracket - Magnetop



- Secure fixing of ladders on worksites
- Easy, magnetic installation
- Compatible with all standard ladders

Dual function test pump



- Pressure testing of pipes after work has been carried out or after installation
- Disinfection of the water supply network
- All with just one piece of equipment
- Saves time on commissioning

Operational tools

Valve box tools - Magnets and manhole cover tools - Cover lifter tools - Magnetic cover lifter - Other operational tools

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Worksite tools

Pipe tools - Cutting tools - Pipe squeeze off tools - Pipe joining tools - PE pipe straightening tool holding clamps - Lead pipe extraction tools - Special or custom-made tools - Other worksite tools

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Detection

Pipe detector - Metal object detector - Metal detectors - Cable and pipe detectors

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Measurement and Testing

Network testing: pressure and temperature - Pipe testing - Pipe testing and network disinfection - Fire control - Other measuring instruments

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— Street box tools: cleaning

DID YOU KNOW?

Proper maintenance of street boxes optimises operations and extends the service life of products.

Pinchers

Used to clean pipes in valve boxes and remove stones or any other object obstructing access to the valve stem square.

Description	CLS ref.	Price in € excl. tax
Pinchers Lgth 1.30 m	NPINCE130	
Pinchers Lgth 1.45 m	NPINCE145	
Compact pinchers ND 60	NPINCE060	

- Closing diameter: 55 mm
- Opening diameter: 100 mm
- Overall length: 1.30 and 1.45 m
- Finish: blue epoxy paint
- Weight: approx. 2.5 kg

Auger

Used to clean pipes in street boxes, removes earth and sand from the bottom of the pipe.

Description	CLS ref.	Price in € excl. tax	Description	CLS ref.	Price in € excl. tax
Standard auger	NVRILSTAND		Stainless steel auger	NVRILINOX	

- Overall length: 1.50 m
- Diameter: 75 mm
- Finish: epoxy paint or stainless steel
- Weight: approx. 2 kg

Twister hook

Used to clean pipes in street boxes, removes earth and sand from the bottom of the pipe. Its shape enables the end of the valve stem square to be completely freed from any obstruction.

Description	CLS ref.	Price in € excl. tax
Twister hook	NQUECOCH	

- Overall length: 1.50 m
- Diameter: 75 mm
- Finish: galvanised
- Weight: approx. 2 kg

Cleaning scoop

Used to clean street boxes.

Description	CLS ref.	Price in € excl. tax	Description	CLS ref.	Price in € excl. tax
Cleaning scoop	NCUILREC		Cleaning scoop with finger	NCUILRECD	

- Body: steel tube ø 20
- Handle ø 20: length 0.35 m
- Overall length: 1.50 m
- Overall weight: approx. 1.85 kg
- Finish: colourless zinc coating



— Street box tools: cleaning

Cleaning scoop

Scouring spoon / Electro-galvanized steel tool / Height 1.5 m

HYD ref.	Price in € excl. tax
H 4001 02003	

Pinchers

Pinchers / Electro-galvanized steel tool / Height 1.5 m

HYD ref.	Price in € excl. tax
H 4001 01002	

Flat auger

Flat auger / Electro-galvanized steel tool / Height 1.5 m / Ø 55 Ø 80 mm

Auger Ø	HYD ref.	Price in € excl. tax	Auger Ø	HYD ref.	Price in € excl. tax
55	H 4001 03002		80	H 4001 03001	

Twister hook

Twister hook / Electro-galvanized steel tool / Height 1.5 m

HYD ref.	Price in € excl. tax
H 4001 04001	

Valve cleaner

Valve cleaner / Allows cleaning around valve stem squares / Length 1.5 m

HYD ref.	Price in € excl. tax
H 4001 02004	



— Street box tools: cleaning



Standard auger

VS

Standard auger / Used to clean pipes in street boxes, removes earth and sand from the bottom of the pipe.

Description	ADG ref.	Price in € excl. tax
Standard auger Lgth 1.50 m	VS-150	

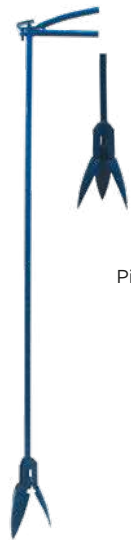
- Steel Ø 20 in E24-2.
- Handle length: 0.35 m.
- Auger Ø: 75 mm.
- Weight: approx. 2 kg.
- Finish: yellow zinc-plated or hot-dip galvanised.

PAB

Pinchers / Used to clean pipes in street boxes and remove stones or any other object obstructing access to the valve head.

Description	ADG ref.	Price in € excl. tax
Pinchers Lgth 1.50 m	NPINCE130	

- 3-point pinchers (head Ø: 75 mm).
- Closed head Ø: 55 mm.
- Open head Ø: 100 mm.
- Pincher length: 1410 mm.
- Pack of: box of 2 pinchers.
- Weight: approx. 2.5 kg.
- Finish: blue RAL 5010 Epoxy paint or zinc-plated.



Pinchers

— Street box tools: operating



Operating key

Hydrant key

Double-headed operating key for 30 x 30 stem square

Used to operate isolating valves. Compact design, handle neatly stowed away in the body of the key.

Description	CLS ref.	Price in € excl. tax
2-headed valve key	NCLE2T	

- Body: steel tube ø 30.
- Handle ø 18: length 0.80 m.
- Overall length: 1.50 m.
- Overall weight: approx. 5 kg.
- Finish: grey epoxy paint.

Hydrant key for valve stem square 30 x 30

Used to operate isolating valves.

Description	Length	CLS ref.	Price in € excl. tax	Description	Length	CLS ref.	Price in € excl. tax
Hydrant key	1 m	VBARRAGE10B		Hydrant key	1.80 m	VBARRAGE18B	
	1.25 m	VBARRAGE125B			2 m	VBARRAGE20B	
	1.50 m	VBARRAGE15B			2.50 m	VBARRAGE25B	

Other dimensions: please contact us.

- Body: steel bar ø 20.
- Socket diameter: 55 mm.
- Finish: blue epoxy paint.

Portable key 27/30

Tool made of electro-galvanized steel / 2 elements dia. 25 mm with hexagonal fittings / Upper stem square 27 mm, lower stem square 30 mm and operating lever

Description	Height	HYD ref.	Price in € excl. tax
Portable key 27/30	1.8 m	H 4002 03001	

3-part foldaway key

Electro-galvanized steel tool / Made up of 3 parts / Height 1.5 m

Description	Height	HYD ref.	Price in € excl. tax
3-part foldaway key	1.5 m	H 4002 04001	



— Street box tools: operating

Standard key

Electro-galvanized steel tool / Height 1.5 m or 1.8 m / Forged stem square

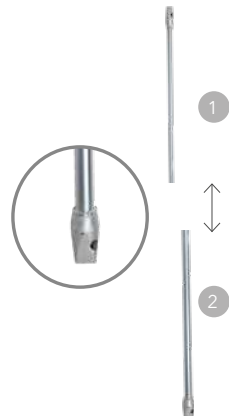
Description	HYD ref.	Price in € excl. tax
Standard key 1.5 m	H 4002 01002	
Standard key 1.8 m	H 4002 01003	



Double key

Electro-galvanized steel tool / Height 1.5 m or 1.8 m / Forged square / Double square, 27/30 mm / Operating handle

Description	HYD ref.	Price in € excl. tax
Key, 27/30 mm, 1.5 m	H 4002 02001	
Key, 27/30 mm, 1.8 m	H 4002 02002	



Cast iron square

Inside measurement 14-17-19-24-27

Inside measurement	HYD ref.	Price in € excl. tax
14	H 4002 07001	
17	H 4002 07004	
19	H 4002 07002	
24	H 4002 07003	
27	H 4002 07005	



Valve sealing device

To prevent valves and gate valves from being used by isolating the square / Drop it into place and retrieve with the pinchers

Description	HYD ref.	Price in € excl. tax
Valve sealing device	H 4001 08001	



— Street box tools: operating

CF

T-handle operating wrench

Length (m)	ADG ref.	Price in € excl. tax	Length (m)	ADG ref.	Price in € excl. tax
0.5 m	CF-050		1.5 m	CF-150	
0.75 m	CF-075		1.75 m	CF-175	
1 m	CF-100		2 m	CF-200	
1.25 m	CF-125				



CFB

Crowbar T-handle operating wrench

Length (m)	ADG ref.	Price in € excl. tax	Length (m)	ADG ref.	Price in € excl. tax
0.5 m	CFB-50		1.5 m	CFB-150	
0.75 m	CFB-75		1.75 m	CFB-175	
1 m	CFB-100		Lgth 2 m	CFB-200	
1.25 m	CFB-125				



CFDT

Doubled-headed T-handle operating key

Length (m)	ADG ref.	Price in € excl. tax
1.5 m	CFDT-150	



Compact design (for transport in small vehicles), handle stored in the body of the operating key. Easy to use, as both ends can be used as a key, handle or storage for the key.

- For 30x30 stem square with removable handles.
- Tube body with diameter: 30 x 2.5 mm.
- Key length: 1500 mm.
- Handle length: round diameter 18 mm.
- Handle : round diameter 18 mm.
- Overall weight: approx. 5.5 kg
- Finish: yellow zinc-plated steel.

Magnets and manhole cover tools



Magnet

Used to open street boxes.

Description	CLS ref.	Price in € excl. tax
Multi-function magnet	NAIKMA3F	
Single magnet	NAIMAS	

- Magnet ø 100
- Hammerhead handle
- Finish: colourless zinc coating

Magnet

Electro-galvanized steel tool / Height 1.5 m / Ø 100 mm / Single or 3-in-1 version with handle hammer + screwdriver

Description	HYD ref.	Price in € excl. tax
Single magnet	H 4001 05001	
3-in-1 magnet	H 4001 05002	

3-in-1 magnetic lifter

Ideal for opening street boxes, lids and cast iron grids / Multi-purpose hammer tip for cleaning lids and their frame / Even works with damaged and dirty lids / Saves time / Ultra compact: H 67 cm / Ø 60 mm in 130 kg, Ø 80 mm in 220 kg, square in 400 kg

Version	HYD ref.	Price in € excl. tax
130 kg standard	H 1204 00001	
220 kg super strong	H 1204 00002	
400 kg mega strong	H 1204 00004	

Strap key and universal key for axial meter

Description	Height	HYD ref.	Price in € excl. tax
Strap key	0.6 m	H 4002 05002	
Strap only		H 4002 05003	
Universal key	1.2 m	H 4002 05001	



Cover lifting tools



T-shaped manhole cover key

Length 515 mm / Sold in sets of 2

HYD ref.	Price in € excl. tax
H 4101 03001	

Gully grate lifting key

Zinc-plated carbon steel / Robust / Suitable for lifting most standard covers and manholes, even heavy covers / Length 700 mm

HYD ref.	Price in € excl. tax
H 4101 04001	Price on request

TITAN

Manhole cover lifter / Aluminium / To release, lift, and replace covers / To avoid using feet or hands

HYD ref.	Price in € excl. tax
H 4101 01001	Price on request

Sewer pick

Used to handle manhole covers / Pane side to remove tar from cover edges / Hook side to lift and slide covers / Weight: 1.3 kg / Total height: 900 mm

HYD ref.	Price in € excl. tax
H 4202 01001	

Sewer hammer

Sturdy Novagrip resin handle / Specially designed for lifting manhole covers / Weight: 590 g / Length: 370 mm

HYD ref.	Price in € excl. tax
H 4102 01002	

Sewer hammer

3-in-1 tool / To lift manhole covers / “Nose” side to lift covers (or lids) / “Hammer” side to strike covers in order to release them from their frames / “Handle” side to move covers away from manholes / Handle and sheath cross-section / Handle made of 2 welded 16 mm steel bars / Total weight: 3.275 kg / Total length: 900 mm

HYD ref.	Price in € excl. tax
H 4102 02001	



— Magnetic cover lifter

Magnetic cover lifter

A device to lift most cast iron or steel street components, with a minimum of effort and in complete safety.

Description	CLS ref.	Price in € excl. tax
Magnetic cover lifter with extension kit	VLEVETAMPON	
Magnetic cover lifter (base)	VLEVETAMPONNG	

- This simple, practical and economical device can be used to lift most cast iron or steel street fittings from pavements, curbs, etc., with a minimum of effort and in complete safety.
- Puncture-proof notched wheels for all types of terrain
- Takes up very little space in the vertical position
- Easy to transport
- Option
 - Wheel spreader to lift manhole covers (EDF electricity supply covers)
 - Body: Mechanically-welded steel.
 - Finish: colourless zinc coating.
 - Max load: 80 kg.



Cover lifter



ASK FOR
OUR DATASHEETS



— Other operational tools



Universal key with 8 head shapes

Universal key for worksite locks / The double swivel mechanism enables release and positioning of 8 keys for all ordinary, commercially available locks / Consists of 8 head shapes: 6, 7/8 and 9/10 mm squares, 7, 8/9 and 10/11 mm triangles, 3/5 mm bit, 6 mm half-moon, 5 mm square for bleeding radiators / Chain and spring hook for attaching to belts

HYD ref.	Price in € excl. tax
H 4207 01001	



Universal key

For distribution cabinets and manholes

HYD ref.	Price in € excl. tax
H 4207 01003	



Multi-joint spanner

Bronze spanner with high mechanical resistance / Choose from: Squares F6, F8, F14, F15, F16; triangles F5, F7, F8, F11, F13, F15, F18, half-moon Ø 5; square M7, rectangle M4.5 x 9 long, rectangle M4.5 x 9 short / Customisable configuration / The following reference is given for 4 joints

HYD ref.	Price in € excl. tax
H 4207 01004	



Combined EDF - GDF key

11 mm female triangle / 6 x 9 mm male rectangle

HYD ref.	Price in € excl. tax
H 4207 04001	

__ Pipe tools: cleaning and preparation



Pipe scraper

Used to clean pipes before installing a branch fitting or repair part.

Length (m)	Pipe ND max (mm)	CLS ref.	Price in € excl. tax	Length (m)	Pipe ND max (mm)	CLS ref.	Price in € excl. tax
1 m	200	VG1		2 m	500	VG2	
1.25 m	300	VG125		2.50 m	700	VG250	
1.50 m	350	VG150		3 m	900	VG3	

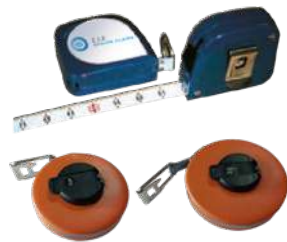
- Flexible polyester strap, 30 mm wide and varying in length from 1 to 3.5 metres, and longer on request.
- It is fitted with case-hardened steel

scrapers, riveted in opposite directions on each half of the strap.

- Spacing between scrapers 60 mm.

USE

Operated by a back and forth movement on either side of the pipe, this pipe scraper removes various deposits before a part is fitted onto the pipe. Use it to ensure that your service is successful.



Circumference tape

For fast, direct measurement of pipe diameters

Description	Operating range	CLS ref.	Price in € excl. tax
Circumference tape	up to Ø 1000	NCIRCOMETRE	
Circumference tape 5 m	up to Ø 1500	NCIRCO1500	
Circumference tape 10 m	up to Ø 3100	NCIRCO3100	



THIS PRODUCT CAN BE CUSTOMISED WITH YOUR LOGO OR COMPANY NAME: please contact us (mandatory minimum quantities)

Deburring cone

Used to remove internal and external burrs from plastic tubes



Description	Use	CLS ref.	Price in € excl. tax
Deburring cone 20-40	20-40	NCONE40	
Deburring cone 20-63	20-63	NCONE63	

- Painted steel
- For pipes up to 63 mm in diameter

PE pipe deburring tool 25-32 and 50

Used to remove a layer around the outside diameter of PE pipes, to obtain a clean, non-oxidised surface for optimal pipe welding



Description	Use	CLS ref.	Price in € excl. tax
PE pipe deburring tool	25 - 32 - 50	VEBAVUREUR2550	

- Polyamide body and handles.
- Steel cutting inserts.

__ Pipe tools: cleaning and preparation



Abrasive strip

Used to clean pipes before working on them / Nylon strip, case-hardened steel abrasive surface

Length (m)	HYD ref.	Price in € excl. tax
1 m	H 4208 01001	
1.5 m	H 4208 01002	
2 m	H 4208 01003	



Cleaning wipes

70 cleaning wipes / Combination of a very high-quality liquid detergent with an abrasive (but scratch-resistant) wipe with very high lubricating capacities / Also removes hard grease, lubricants, adhesives, oils, tar, bitumen, inks, and waxes / Easy, fast, efficient cleaning / Softens and treats the skin thanks to a gentle hand emollient added to the cleaning agent / No rinsing or drying necessary / Leaves no residues

HYD ref.	Price in € excl. tax
H 4210 02001	



Circumference

ND readings for pipes from 20 to 600 mm

HYD ref.	Price in € excl. tax
H 2402 04001	



Universal deburring cone 20-63

Grooved deburring cone to facilitate pipe fitting / From ND 20 to 63 mm

ND	HYD ref.	Price in € excl. tax
20-63	H 4403 02005	



Deburrer 6-42

Facilitates pipe fitting and avoids damage to seals / Deburrs outside and inside / ND from 6 to 42 mm / Copper, PVC, PE

ND	HYD ref.	Price in € excl. tax
6-42	H 4403 02004	



Burr remover 20-63

Makes pipes easier to insert and avoids damaging seals / Removes burrs from the inside and outside / ND from 20 to 63 mm

ND	HYD ref.	Price in € excl. tax
20-63	H 4403 02001	



— Cutting tools

PE pipe cutter

Ratchet pipe cutter for PE or PVC pipes / Effortless cutting, without crushing the pipe



Description	Working diameter (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
PE pipe cutter Ø 42	42	0.44	NCPE42	
PE pipe cutter Ø 50	50	0.61	NCPE50	
PE pipe cutter Ø 63	63	-	NCPE63	

Chain pipe cutter

Designed to cut cast iron pipes, it can also be used on concrete or earthenware pipes / Equipped with chains with cutter pins, it cuts pipes by means of a rotating tightening action



Description	Working range	Weight (kg)	CLS ref.	Price in € excl. tax
Mod. 246 cement cast iron asbestos earthenware	ND 50 - 150	11.3	N246	
Mod. 246S cement cast iron asbestos earthenware	ND 50 - 200	12	N246S	
Mod. 246L cement cast iron asbestos earthenware	ND 50 - 300	15	N246 L	
Mod. 248 cement cast iron asbestos earthenware	ND 50 - 450	19	N248	
Mod. 228 pipe cutter with joint	ND 50 - 200	10.3	N228	
Mod. 226 cement cast iron asbestos earthenware	ND 50 - 150	8.3	N226	

Replacement cutter pins: please contact us.

Steel pipe cutter - Grey/ductile cast iron

Four cutting wheels to cut steel, most stainless steels, grey cast iron and ductile cast iron / Handle swing clearance from only 90° to 110°. Requires only 9 cm of space around most pipes / Guides ensure perfect positioning to cut perfectly at right angles



Description	Working range (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Type H	Ø 32 - 76	3.6	NCF32	
Type H	Ø 60 - 125	6.3	NCF60	
Type H	Ø 114 - 182	10	NCF114	
Type H	Ø 168 - 240	13	NCF168	
Type H	Ø 219 - 356	18	NCF219	
Type RC	Ø 159 - 246	18.6	NCR159	
Type RC	Ø 266 - 358	22.7	NCR266	
Type RC	Ø 368 - 462	27.3	NCR368	
Type RC	Ø 476 - 572	40.5	NCR476	
Type RC	Ø 584 - 660	48.6	NCR534	
Type RC	Ø 698 - 864	128.6	NCR698	



— Cutting tools



PE pipe cutter

42 mm

HYD ref.	Price in € excl. tax
H 4401 01006	



Plastic pipe cutter

Version 6-42 deluxe or 12-63 / Pipe cutter for PVC, PP, PE, PER, ABS, HDPE / Rack and pinion to reinforce effort and soft touch in "DELUXE" version

Deluxe pipe cutter

Version	HYD ref.	Price in € excl. tax
6-42 "DELUXE"	H 4401 02001	
12-63	H 4401 01004	



Pipe cutter 12-63



Insulated pipe cutter, 1,000 volts

Prevents fatal accidents when cutting PE pipes

PE Ø	HYD ref.	Price in € excl. tax
20-42	H 4401 03001	
20-63	H 4401 03002	



Special saw for PVC/ABS

Professional saw / For pipes up to ND 300

Description	HYD ref.	Price in € excl. tax
Saw	H 4402 01001	
Blade	H 4402 01002	

Pipe tools and pipe cutters include all of the accessories needed to prepare for interventions: pipe cutting and deburring. It is completed by other construction site tools: straps and products for cleaning pipes, and circumference tapes.



— Pipe squeeze off tools



Pipe squeeze off tool 16-32

Enables swift closing off of PE pipes by compression, in the event of a leak, without damaging the pipes / For pipes ND 16 to 32 mm

HYD ref.	Price in € excl. tax
H 4404 01002	



Pipe squeeze off tool 20-63

Enables swift closing off of PE pipes by compression, in the event of a leak, without damaging the pipes / For pipes ND 20 to 63 mm / Side discs adjustable to suit the ND, to avoid deformation due to pinching

HYD ref.	Price in € excl. tax
H 4404 01001	



— Pipe joining tool



Iron pipe joining tool

Robust, easy-to-use device to join cast iron pipes from ND 100 to ND 300.

Description	Weight (kg)	CLS ref.	Price in € excl. tax
4-GRIP VERSION: locked joints			
Pipe joining tool 100 - 125	22	VEMBTUB1004	
Pipe joining tool 150 - 200	38	VEMBTUB14	
Pipe joining tool 250 - 300	42	VEMBTUB24	

Other dimensions: please contact us.



Pipe joining tool

- Made from mechanically-welded steel, these pipe joining tools are robust and easy to use. They are designed for locked joints with 4 grips for a secure hold.
- They are designed to adapt to 2 diameters by adding or removing certain parts.
- The special, case-hardened grips are hard-wearing and will fit securely onto the pipe in all conditions (sand, grease, water, etc.). Their special profile is designed not to damage the pipe coating.
- 4 grips for locked joint.
- Serrated grips made from case-hardened steel.
- Adapter parts for use on 2 diameters.



PE pipe joining tool

Robust, easy-to-use device to join PE pipes.

Please contact us. CLS ref.



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PE pipe straightening tool-holding clamps

Multi-diameter alligator

System to straighten and hold PE pipes before welding an electrofusion part.



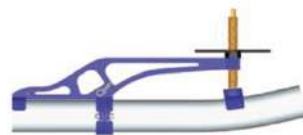
Description	Working range (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Complete alligator + Kit for 5 diameters (63 - 75 - 90 - 110 - 125)	63 - 75 - 90 110 - 125	31	VALICOL	
Storage case for Alligator only		-	VALICAISSE	
Straightener and holder alligator (excluding clamp)		-	VALINU	
Set of 4 clamps for alligator ND 63	63	-	VALICOL63	
Set of 4 clamps for alligator ND 75	75	-	VALICOL75	
Set of 4 clamps for alligator ND 90	90	-	VALICOL90	
Set of 4 clamps for alligator ND 110	110	-	VALICOL110	
Set of 4 clamps for alligator ND 125	125	-	VALICOL125	



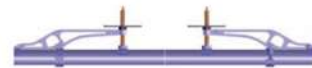
Complete case

- Multi-diameter system for straightening and holding HDPE pipes of any nominal diameter.
- For a perfect weld.

- Outside diameter: 63 - 75 - 90 - 110 - 125.
- For Diameter 140 and 160: please contact us.
- Mechanically-welded steel.



Straighten



Hold



Weld



Presentation - assembly

Lead pipe extraction tools



Complete winch

Lead pipe extraction winch

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Extractor with strut				
Complete winch with return strut	Volvo EC15 bucket link	300	VTREUIL	

- CEV MH160 winch, a model that has been used since the Extractor® was first introduced (proven reliability).
- Installation on mini-excavator quick coupling (please specify quick coupling references and supplier).
- Emergency stop located on the winch.
- The strut can be adjusted to suit the depth of the connection.
- Can be operated on an independent hydraulic power unit.
- Max pressure: 180 bar.

- Required output: 20 l/minute (60 recommended).
- Return strut system enabling positioning at the top of the excavation. Eliminates the need for contractors and reduces the size of excavations.
- The lead pipe is gradually cut off as it is extracted, limiting the need for subsequent cutting operations using a disc cutter, thereby reducing the risk of blood lead contamination.

Couplings and options

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Couplings according to mini-excavator model				
MORIN M1 additional part	-	On request	VTIREMM1	
MORIN M0 additional part	-		VTIREMM0	
VOLVO EC20 additional part	-		VTIREEC20	
VOLVO EC25 additional part	-		VTIREEC25	
Limiter / Reverser for hydraulic control. For remote control from the mini-excavator to the winch.	Ask for our data sheet		VLMITEUR	

Spare parts

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Complete aluminium return strut	-	On request	VJAMBE	
Swivel coupling for winch	-		VNOIXPIV	

Lead pipe extraction tools

Tools

Description	Range	Weight (kg)	CLS ref.	Price in € excl. tax
-------------	-------	-------------	----------	----------------------

Towing heads

Towing head for PE pipe	PE ND25	0.139	VTIREPE25	
Towing head for PE pipe	PE ND32	0.315	VTIREPE32	
Towing head for PE pipe	PE ND40	0.507	VTIREPE40	
Towing head for PE pipe	PE ND50	0.640	VTIREPE50	

Conical cutting head to cut lead pipe

1-Blade slitter head	ND 20	0.168	VCONECOUT20	
1-Blade slitter head	ND 25	0.213	VCONECOUT25	
1-Blade slitter head	ND 32	0.230	VCONECOUT32	
1-Blade slitter head	ND 40	0.535	VCONECOUT40	
2-Blade slitter head	ND 20	0.166	VCONECOUT20L2	
2-Blade slitter head	ND 25	0.188	VCONECOUT25L2	
2-Blade slitter head	ND 32	0.230	VCONECOUT32L2	
2-Blade slitter head	ND 40	0.532	VCONECOUT40L2	
3-Blade slitter head	ND 20	0.170	VCONECOUT20L3	
3-Blade slitter head	ND 25	0.220	VCONECOUT25L3	
3-Blade slitter head	ND 32	0.235	VCONECOUT32L3	
3-Blade slitter head	ND 40	0.540	VCONECOUT40L3	

Please contact us for other spare parts (ask for our exploded views of the machines).
Our workshops can restore your winches to working order and carry out any necessary repairs.

PE pipe puller

ND	HYD ref.	Price in € excl. tax
25	H 4501 01001	
32	H 4501 01002	
50	H 4501 01004	

Tools for the extraction of lead pipes by pulling or cutting in order to lay a PE pipe without opening a trench. Ideal in the event of pipe replacement under terraces or pavements. A rod fitted with a pulling grip guides the cable in the lead pipe before pulling with a winch or a wedge end fitted on a vehicle.

Lead pipe extraction tools



Lead pipe cutter

ND	HYD ref.	Price in € excl. tax
25	H 4502 01001	
25 double blade	H 4502 01005	
32	H 4502 01002	
50	H 4502 01004	



Pulling cable

Diameter 10 mm with end stop / Breaking strain 8.5 t

Length	HYD ref.	Price in € excl. tax
10 m	H 4503 03002	
15 m	H 4503 03003	
20 m	H 4503 03004	



Pulling grip

Description	HYD ref.	Price in € excl. tax
6-12 mm M4	H 4504 01001	
6-12 mm M5	H 4504 02001	



Rod

15 m

Description	HYD ref.	Price in € excl. tax
Ø 4 M4	H 4505 01004	
Ø 6 M5	H 4505 01005	



Wedge socket

10 mm / With cotter pin

HYD ref.	Price in € excl. tax
H 4506 02002	



Cable clamp

Length	HYD ref.	Price in € excl. tax
5-10 mm	H 4506 01003	
11-15 mm	H 4506 01004	

— Special or custom-made tools



Portable storage racks for cast iron pipes

Description	Permitted load	Weight (kg)	CLS ref.	Price in € excl. tax
Storage rack for cast iron pipes	3.5 T	94	VBERCEAUX	

- Portable pipe storage racks for cast iron pipes, designed to store and stow your cast iron pipes safely and efficiently on your worksites or in your equipment yards.
- Accepts all pipe bundles from ND 60 to ND 300.
- They are made of painted steel, with a plastic coating to avoid damaging the outside of your cast iron pipes.



"Castor" formwork removal tongs

Steel / Epoxy paint coating

Description	Permitted load	Weight (kg)	CLS ref.	Price in € excl. tax
Steel formwork removal tongs, blue epoxy paint coating	250 kg	7	VCASTOR	

- The "CASTOR" formwork removal tongs are designed to remove wooden formwork:
 - in complete safety,
 - effortlessly, as the system is self-clamping,
- economically, leaving the boards undamaged and reusable,
- easily with its 2 strap loops.



Magnetop ladder support bracket

Support to secure ladders in position on worksites

Description	Weight (kg)	CLS ref.	Price in € excl. tax
Magnetic safety support bracket for ladder	3.2	VMAGNETOPV3	
Magnetic safety support bracket for ladder, width 700 mm	3.4	VMAGNETOPL700V3	

- The ideal system to secure your ladders to metal surfaces, for even greater safety on your construction sites.
- Easy, magnetic installation.
- Compatible with all standard worksite ladders.
- Easy to remove.
- Removal resistance: 320 kg.



ASK FOR OUR
DATASHEETS



— Other construction site tools



TRIG-A-CAP

Marking spray / Solvent base site marker / Accurate fluorescent markings visible for 2 months / Dries fast / Harmless and non-irritant / 650 ml spray cans

Colour	HYD ref.	Price in € excl. tax	Length (m)	HYD ref.	Price in € excl. tax
White	H 5101 03001		Blue	H 5101 03004	
Yellow	H 5101 03002		Orange	H 5101 03005	
Red	H 5101 03003		Green	H 5101 03006	

Signage tools are used to safely identify the work area. The range includes signs, barriers and marking and signage accessories.



Barricade tape

High quality / Tear-proof stretch design / 50 mm x 100 m

HYD ref.	Price in € excl. tax
H 5302 01001	



Line marker

One-piece plasticised fluorescent PVC cones / More resistant, safer, class 2 / Height 500 mm: 2.2 kg / Height 750 mm: 4,3 kg

Height	HYD ref.	Price in € excl. tax
500	H 5301 01001	



Construction site barrier

Dimensions 1,500 x 1,000 mm / Model with fixed attachments / Customisation option

Pack of	HYD ref.	Price in € excl. tax
35	H 5401 01001	Please contact us



Pedestrian walkway

Dimensions 1,700 x 880 mm / Non-slip galvanised walkway

HYD ref.	Price in € excl. tax
H 5402 01001	Please contact us



Other construction site tools



RAPIDGRIP

Pliers / Single handling for faster execution / Jaws fitted on springs / Single jaw/hook combination for vigorous gripping of the part and secure tightening

Dimensions	HYD ref.	Price in € excl. tax
L 230/48 mm	H 4203 01001	
L 250/60 mm	H 4203 01002	

Pipe wrench

Accurate, immediate adjustment to the part / Self-locking with highly sensitive hinge / Jaw smooth or with tempered teeth, ratchet wrench effect

Description	Length	HYD ref.	Price in € excl. tax
Kit containing 3 pliers	180 mm	H 4203 02007	
	250 mm		
	300 mm		

For other models, please contact us.

LOCTITE 577

Adhesive / For sealing by polymerisation / For threads on fittings / 50 ml tube

HYD ref.	Price in € excl. tax
H 4204 01001	

LOCTITE 55

Sealing fibre / For cylindrical or conical threads on gas and water fittings / Multiple fibre, food grade / 150 ml reel

HYD ref.	Price in € excl. tax
H 4204 02003	

KOLMAT

Sealing paste for water and gas / 700 g

HYD ref.	Price in € excl. tax
H 4204 04001	

BOBINO

Hemp line / To seal fittings as a complement to Kolmat paste / 80 g

HYD ref.	Price in € excl. tax
H 4204 02001	



Other construction site tools



Excavation pickaxe

Ideal for excavation work, road works, etc. / Diamond tip and sharpened pane, tempered to make them more hard-wearing / A pane side for digging and a pointed side for removing stones / Round socket, Ø 47 / Head weight: 2 kg / Head height: 550 mm / Head width: 60 mm / Handle: 1000 mm

HYD ref.	Price in € excl. tax
H 4202 02001	



BATIPRO

Shovel / Fully tempered tool / Straight edges: scrapes surfaces efficiently / Pointed end: helps the shovel to penetrate more easily / Footrest: stabilises the foot on the shovel, does not cut shoe soles / Compositube handle, 1,350 mm

HYD ref.	Price in € excl. tax
H 4201 01001	



DENSO

Protective anti-corrosion strip for underground pipes and connections / Roll 10 metres long and 100 mm wide

HYD ref.	Price in € excl. tax
H 4204 03001	



WD40

Lubricant degreaser / lubricant, de-oxidising, water repellent / Protects against damp and corrosion / Ultra-penetrating oil, silicone-free / Restores and enhances electrical contacts / Protects contacts from corrosion (cars, boats) / Eliminates humidity in electrical and ignition circuits, prevents short circuits due to water / 200 ml or 400 ml spray can

Version	Capacity	HYD ref.	Price in € excl. tax
Standard	200 ml	H 4205 01006	
Food grade	400 ml	H 4205 01000	

Check out the electrofusion tools in the Fittings section of the Sainte-Lizaigne catalogue, p.241.



— Pipe detector

PWG II

FAST PWG II pulse generator / Suitable for difficult conditions and all types of pipe / Hydraulic pulse detection / Locates all types of pipes: PE, PVC, cast iron, steel, etc. / Locates pipe runs of up to 600 m / Long service life / Easy installation with quick-fit coupling

Description	CLS ref.	Price in € excl. tax
Pulse generator PWG and carrying case	KIT PWG 001 01	



- Detects pipes in the drinking water network simply by connecting to hydrants or gate valves without cutting off the water supply.
- **Suitable for difficult conditions** and can be used on all types of pipe (PE, PVC, cast iron, steel).
- **Hydraulic detection using pulses**, capable of locating pipe runs up to 600 m.
- **Long operating time.**

Detection includes the equipment needed to locate underground structures and networks. Cable, pipe, metal object and metal detectors should be used before any work is carried out in order to prepare in advance and ensure safe working conditions.

— Metal object detector

MD 100

FAST MD 100 ferromagnetic metal detector / Simple identification of metal pipes and network access points (manholes, squares) / Detection depth of up to 3 m / Lightweight, ergonomic design for optimum comfort during prolonged use / High sensitivity for reliable detection of small objects buried at depth / Easy to operate via touch buttons and LCD screen

Description	CLS ref.	Price in € excl. tax
MD 100 ferromagnetic metal detector and carrying bag	MD 100 001	

- Easily identifies metal pipes and network access points (street boxes, gate valve squares).
- **Extensive search depth** (up to 3 m) and the increased sensitivity of the device ensures the reliable detection of small objects buried at depth.
- **Easy to use** (LCD screen, touch-sensitive buttons), lightweight and ergonomically designed to ensure **optimum operator comfort.**



— Metal detectors

MASTER I

This easy-to-use metal detector, with just two control buttons, offers good valve box detection depth and outstanding reliability. With its distinctive, highly visible yellow and black colours, its specifications and ease of use, it has made a name for itself in the drinking water, public works, construction, industry and other sectors.

Description	Use	Weight (kg)	CLS ref.	HYD ref.	Price in € excl. tax
Master I detector	Simple detector	-	NDMASTER	H1101 01001	

- Disc, 21 cm.
- Static mode.
- Preset discrimination.
- 9V battery (not supplied).
- Headphone output.
- Street box 40/50 cm.
- With carrying case.



MASTER II

This metal detector is equipped with a concentric search disc, giving it a high level of sensitivity and search depth for its category. Featuring the "Pinpoint" button, it can be used to pinpoint targeted searches. In addition to its traditional applications in the water and industrial sectors, the MASTER II is highly effective in searching for large steel or cast iron plates.

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Master II detector	Simple detector	-	NDMASTER2	

- 24-cm waterproof disc.
- Static mode.
- Manual or automatic discrimination.
- Pinpoint button for precise centring.
- 9V battery (not supplied).
- Headphone output.
- Street box 50/60 cm.
- With carrying case.



MASTER I (SHORT)

21 cm disc / Static mode / Pre-set discrimination / Ground level detection strap / 9 V battery (not supplied) / Headphone output / Street box 40/50 cm

HYD ref.	Price in € excl. tax
H 1101 02001	



— Accessories for metal detectors

Bag

Standard model without pocket

HYD ref.	Price in € excl. tax
H 1102 03003	



— Cable and pipe detectors

C.A.T4™ and Genny4™

This latest-generation tool uses the most advanced technologies. It consists of a receiver (1) and a transmitter (2). It uses a frequency of 33 kHz, which means it can be used in a wide range of applications without any risk of interference.

Description	Use	Weight (kg)	CLS ref.	Price in € excl. tax
Receiver (1) C.A.T4™	See below	3	NRECEPTEUR	
Transmitter (2) Genny4™	See below	6	NEMETTEUR	

- The receiver (1) is used on its own to detect live electric cables. Depending on the configuration of the site, it can also detect metal pipes.

- Used with the transmitter (2), it can be used to trace the path of a metal pipe or an electrical cable that is not live at the time of detection.

Optional accessories

(Please contact us)

Transmitter clamps

When placed around a cable or pipe (with a maximum diameter of 220 mm), they allow the Genny4 signals to be transmitted over a cable without interrupting the power supply.

Sensor

Battery-operated signal generator that can be attached to a push rod to detect and follow the path of non-metallic networks.

Live plug / live cable connector

Enables Genny4 signals to be transmitted directly over electrical transmission networks, without having to isolate the power supply first.

FlexiTrace™

Highly flexible 50-m push rod with integral probe powered by the Genny4, designed to follow the path of small-diameter non-metallic pipes (with a minimum diameter of 15 mm).

Magnet

Enables Genny4 signals to be easily transferred by contact to any metal part, particularly street lighting columns.



Receiver (1)



Transmitter (2)



Accessories

— Cable and pipe detectors

C.A.T4™ and Genny4™

Radiodetection cable and pipe detector / Strike Alert: minimises the risk of contact with an underground cable laid at a shallow depth / Data capture: storage and exporting of key measurements / Dynamic protection: protects from electrical interference / Avoidance Mode: locates 50 Hz, Radio and Genny signals with a single sweep / eCert: automatically recalibrates your C.A.T 4 via the Internet (optional extra)

Description	HYD ref.	Price in € excl. tax
C.A.T 4 kit with StrikeAlert + Genny 4 Generator and carrying bag	H 1001 07003	Price on request
C.A.T 4 receiver with StrikeAlert + depth measurement	H 1002 01001	Price on request
Generator, 33 KHz - 0.1 or 1.0 W	H 1001 02001	Price on request
Receiver carrying bag	H 1003 01001	Price on request



In 50 Hz mode, the C.A.T detects the signal emitted by a live cable.



In Radio mode, the C.A.T detects the very low frequencies transmitted by underground networks.



In Genny mode, the C.A.T detects a signal triggered by the Genny.

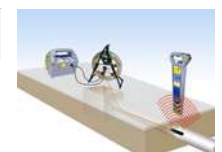


In AvoidanceScan mode, the C.A.T detects in all 3 modes simultaneously.

RD ROD

Radiodetection detectable rod / Flexible rod and sensor to trace non-metal pipes / Sensor signal reinforced by the Genny 4 transmitter / The small diameter of the sensor allows tracing of 15 mm pipes / Flexible insertion rod as an optional extra

Description	HYD ref.	Price in € excl. tax
50-m detectable rod	H 1003 02001	
Flexible insertion	H 1003 04001	



RD CLAMP

Radiodetection coupling clamp / Sends the Genny 4 signal over the network up to a diameter of 100 mm without interrupting operation / Magnetic field clamp

HYD ref.	Price in € excl. tax
H 1003 03002	



— Cable and pipe detectors



VSCAN

Vivax Metrotech cable and pipe detector / For avoidance and tracing / Current and depth measurement / Pipe direction indicated / Passive (no transmitter) or active (with transmitter) location / Calibration self-test / Removable speakers / Backlit display / Simple two-button operation and paddle to navigate through the menus / Gain adjustment using rotary knob / Data management software / Available as standard VSCAN, VSCAN M for metal detection or VSCAN GPS, Bluetooth for metal detection. 1-Watt dual frequency generator / Optional rechargeable Lithium-Ion batteries

Description	HYD ref.	Price in € excl. tax
1-Watt VSCAN kit with metal detector mode	H1001 09001	Price on request
VSCAN M receiver with metal detector mode	H1002 07001	Price on request
1-watt generator (transmitter)	H1001 08001	Price on request
Carrying bag	H1003 09002	Price on request



Detecting networks in a saturated underground environment can be extremely complex. The signal distortion effects linked to the type of ground and the various conducting networks further complicate the task for operators. Under these conditions, key detector qualities are ease of use, accuracy, reliability and repeatability of the data displayed.

VM ROD

Vivax Metrotech detectable rod / Rod with integrated sensor for fast location of pipes / Length 50 m / Can be powered by a generator to amplify the signal / Option to fit a sensor to the end of the fibre for enhanced depth accuracy

Description	HYD ref.	Price in € excl. tax
50-m detectable rod	H 1003 09000	
Flexible insertion	H 1003 09017	

VM CLAMP

Vivax Metrotech coupling clamp / Transmitter clamp to apply a signal to a cable when direct connection is not possible / Diameter 100 mm / Operation not interrupted

HYD ref.	Price in € excl. tax
H 1003 09001	



— Network testing: pressure and temperature



DRULO III

Pressure and temperature measuring device / Real-time measurement display on LCD screen / 1.8 million data recording capacity / Measurement accuracy for pressure tests in milli-bar / Configurable measurement interval from 1 second to 24 hours / Configuration, data collection and reading via app / Collected data managed on our WATERCLOUD platform / Induction charging with dedicated base / Carrying case

Measuring range	CLS ref.	Price in € excl. tax
0 - 20 bar	KIT-DRULO-20B	
0 - 30 bar	KIT-DRULO-30B	



The kit comprises the Drulo III, an induction charger and a carrying case.

- **Portable and ultra-precise device.**
- Ideal for **pressure and leak tests on new pipes** or directly **at the customer's premises, sectorisation campaigns**, or load shedding and pressure loss tests

on networks.
• Integrated data logger and transmission to the Drulo Android app and WATERCLOUD platform.

— Pipe testing

Pressure recorder

Complete measurement and data logging kit for pipe pressure tests / Product can be used in conjunction with the internal combustion engine test pump ref: VPOMPE and the dual function test pump ref: VPOMPESKID20B



Description	Operating range	CLS ref.	Price in € excl. tax
Complete measurement and data logging kit	0 - 50 bar	NKITENREGISTREUR	
Printer with connecting cables	-	NKITIMP	
Replacement probe	-	NKITSONDE	

- Max pressure: 50 bar.
- Battery: 4 batteries 1.5V type AA.
- Battery life: 200 hours with alkaline batteries.

- Protection: IP67.
- Measuring range: 1 s to 1 h.
- OPTION: printer



— Pipe testing

Internal combustion engine test pump

This internal combustion engine pump is designed for testing pipes after carrying out work or after installing.



Description	Operating range	CLS ref.	Price in € excl. tax
Internal combustion engine test pump Max pressure 40 bar	0 - 40 bar	VPOMPE	

- Max pressure: 40 bar, with pressure regulator and pressure gauge.
- Output: 50 l/min.
- 5.7-HP petrol engine, 3.6-l fuel tank capacity.
- 30-litre water top-up tank, drained at the bottom.
- Fully galvanised frame for longer life.
- Easy to transport on the worksite thanks to large-diameter wheels.
- Puncture-proof notched all-terrain wheels, mounted in the frame.
- Can be fitted with a paper-free pressure recorder and external memory card.

1460 E

Electric pump / Pump with 3 ceramic pistons for gradual increases in pressure and a longer service life / Quick-release connection system to disconnect the control unit and the pressure gauge / Can be left in place on the circuit tested. The pump can be used to put another circuit under pressure via a second control unit that is available as an accessory / Stainless steel casing (non-acid liquids) / Water output: 9 l per minute



HYD ref.	Price in € excl. tax
H 2103 03001	

Manual test pump

This hand pump is designed to test the tightness of branch fittings (e.g. tapping clamp) on the pipe.



Description	Working range (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
60-bar manual test pump (single action), with 12 L tank	0 - 60 bar	8	NPOMPE60	

- Max pressure: 60 bar.
- 12-litre water tank.
- Single-action pump with pressure gauge.



— Pipe testing and network disinfection



Dual-function pump: testing and disinfection

This internal combustion engine pump is designed for testing pipes after carrying out work or after installing, while injecting disinfectant into the water system.

Description	Operating range (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
20-bar skid-pressure test and disinfection pump	0-20 bar	113	VPOMPESKID20B	

- Max pressure: 20 bar.
- Weight: 113 kg empty, 623 kg filled
- Dimensions: 1500 x 940 x 1360 mm, can be loaded into a van through the side door.

— Test kit for drilling machine

Test kit for drilling machine 50-200

This kit is used to check the tightness of the clamp or tee on the pipe before drilling under pressure.



Description	Working range (mm)	Weight (kg)	CLS ref.	Price in € excl. tax
Kit comprising: Blind flanges ND 60 to 200 with express coupling Metal case Fasteners (4 x M16 pins and 8 x M20 pins) Complete drain valve	Drilling ND 50 to ND 200	50	VKITSECURITE	

This kit is used with the test pump and swarf discharge flanges of the EIE 50-200 drilling machine. It ensures effective degassing.



Fire fighting system control



CPI

Flow-pressure controller for pillar and flush fire hydrants / Measurement dynamics, maintenance and service life of the controller, even under extreme conditions / Double protection of the manometer / Glass and metal LCD unit, IP68 / Built-in stabiliser / Aluminium casing / Inlet filter

HYD ref.	Price in € excl. tax
H 2001 02100	

- **Robust and reliable equipment to maintain fire hydrants.**
- **Inductive technology** to maximise performance.
- Measurement dynamics ensure optimal maintenance and service life of the

controller, even under extreme conditions.

- Controller manufactured in our workshops, and calibration and repair services available as part of the maintenance package.



Maintenance

Repair and calibration on our premises / The flow-pressure controllers for pillar and flush fire hydrants must be calibrated at least every two years, depending on their frequency of use / Repairs on quotation.

References and prices on request.



This kit is used with the test pump and swarf discharge flanges of the EIE 50-200 drilling machine. It ensures effective degassing.



Accessories for fire fighting system control



EASY CONTROL

Splash guard for controlling pillar and flush fire hydrants / Secures the measurement point while protecting the environment / Handling work is limited to fitting the hose and avoids fitting and removal of the flow meter / The system is easy to fix on all types of vehicles / System not fitted with a flow meter.

HYD ref.	Price in € excl. tax
H 2004 01002	



HYDRANT KEY

Safety key for pillar fire hydrant / Long key for remote operation / Fork system to unblock valves / Reinforced operating square

HYD ref.	Price in € excl. tax
H 2002 09003	



Description	Multiple turn valve, Ø 100 mm	Keyser quick-fitting bend	Symmetrical bend	Paint for fire fighting equipment 500 ml	Reducer 100/65
HYD ref.	H 2002 02001	H 2002 04004	H 2002 05009	H 5105 01001	H 2002 06003
Price in € excl. tax					



Description	Plug Ø 65	Plug Ø 100	5 m pipe + synthetic connections	Federal aluminium key	Universal hose spanner
HYD ref.	H 2002 05004	H 2002 05008	H 2002 07003	H 2002 09002	H 2002 09005
Price in € excl. tax					



Description	Hose spanner	Hydrant key	Ground support	Fire fighting protection	Steel case
HYD ref.	H 2002 09001	H 2002 09004	H 2002 11002	H 5401 02001	H 2001 04003
Price in € excl. tax					



— Other measurement instruments



ECO

Odometer / Meter with large central digits for improved balance / Can easily be reset to zero / Rearward measurement / Brake lever / Foldaway handle and stand / Capacity 10 km / Supplied with bag

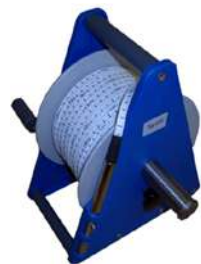
HYD ref.	Price in € excl. tax
H 2401 01001	



Calliper with steel exterior

Steel / Quick-release nut

Description	HYD ref.	Price in € excl. tax
200 mm	H 2404 01001	
400 mm	H 2404 01002	



Light and sound sensor

Independent depth and height measurements to check wells and water resources / When the sensor touches the surface of the water, a light is illuminated and the depth can be read off on the tape measure marked in centimetres / Power supply: 4 x 1.5 V batteries

Description	HYD ref.	Price in € excl. tax
30 m	H 2301 01001	
50 m	H 2301 02002	
100 m	H 2301 03003	



PRESSADE

Manometer / Used to measure pressure levels of 0-10 bar / No threaded assembly required

HYD ref.	Price in € excl. tax
H 2102 01001	



Pressure gauge

Glycerine manometer / Radial / Stainless steel casing D 63 / Connection 1/4" / Class 1.6 / Range 0-16 bar

HYD ref.	Price in € excl. tax
C 0403 02013	



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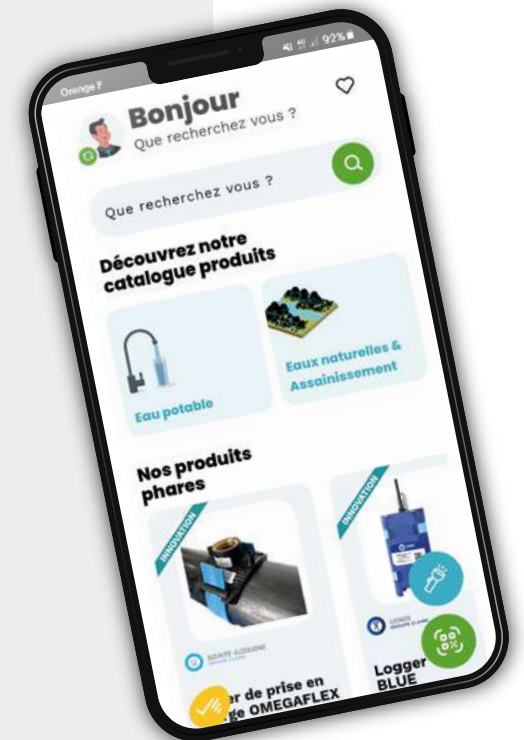


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SCAN TO
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Made-to-measure services

Double-cone coupling

Flange adaptor



- Repair of a bell end leak or a leak on a pipe socket joint
- Designed and manufactured to measure to match your conditions in the field
- High quality and high durability



- Coupling of a flanged pipe to a plain-end pipe with different or identical nominal diameters
- Designed and manufactured to measure to match your conditions in the field
- High quality and high durability

Made-to-measure repairs

Made-to-measure repair parts

Page

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Check out our full range of repair couplings in the ADG - NETWORK SOLUTIONS catalogue, see p.275

Made-to-measure couplings

Made-to-measure sleeve couplings - Made-to-measure flange adaptor - Made-to-measure Tees - Made-to-measure reducer couplings - Other made-to-measure coupling parts

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Check out our full range of coupling parts in the ADG - NETWORK SOLUTIONS catalogue, see p.268

Made-to-measure metalwork

Page

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Made-to-measure repair parts

Double-cone coupling

Other special repair parts

Steel or stainless steel

All parts in contact with water coated with Epoxy paint with ACS certificate



Made-to-measure

Highly flexible production facilities

All types of repairs

Parts of all shapes and sizes, for all pipe materials

Example: double-cone coupling

Repair of a bell end leak or a leak on a pipe socket joint

Special or one-off repairs

Please contact us

RELIABLE REPAIRS

EIE expertise for a robust, high-quality part

A SOLUTION TAILORED TO YOUR NEEDS

Designed and manufactured to measure to match your environment

ASK FOR OUR DATASHEETS



VBICONE

Double-cone repair coupling / 2 parts

ND/DE	CLS ref.	Price in € excl. tax
ND 300	VBICONE300	
ND600	VBICONE600	
ND700	VBICONE700	
DE914	VBICONE914	

Other dimensions on request



Made-to-measure coupling parts

Coupling

Flange adaptor

Tee

Reducer parts

Steel or stainless steel

All parts in contact with water coated with Epoxy paint with ACS certificate



E.I.E.
GROUPE CLAIRE



Stepped coupling



Flange adaptor



Asymmetric tee

Made-to-measure

Highly flexible production facilities

All couplings

Parts of all shapes and sizes, for all pipe materials

Examples:

Stepped coupling

Flange adaptor

Asymmetric tee

Special or one-off coupling

Please contact us

RELIABLE COUPLING

EIE expertise for a robust, high-quality part

A SOLUTION TAILORED TO YOUR NEEDS

Designed and manufactured to measure to match your environment



ASK FOR
OUR DATASHEETS





Made-to-measure sleeve couplings



Stepped coupling
Steel or stainless steel coupling

Use	CLS ref.	Price in € excl. tax
Coupling of 2 smooth-ended pipes of different diameters and/or types.	Please contact us	Please contact us



Dismantling coupling / Restrained coupling
Steel or stainless steel coupling

Use	CLS ref.	Price in € excl. tax
To fit your accessories.	Please contact us	Please contact us

Made-to-measure flange adaptor



Flange adaptors
Steel or stainless steel adaptor

Use	CLS ref.	Price in € excl. tax
Coupling of a flanged pipe to a plain-end pipe with different or identical nominal diameters.	Please contact us	Please contact us

All parts in contact with water coated with Epoxy paint with ACS certificate.

Manufacture of parts of all sizes to match your requirements: steel or stainless steel

ASK FOR OUR DATASHEETS



Made-to-measure Tees



Special tee
Steel or stainless steel tee

Use	CLS ref.	Price in € excl. tax
Any type of "Tee" can be made on request.	Please contact us	



Asymmetric tee
Steel or stainless steel tee

Use	CLS ref.	Price in € excl. tax
Coupling of 2 pipes with creation of a branch.	Please contact us	



Cross tee
Steel or stainless steel tee

Use	CLS ref.	Price in € excl. tax
Steel or stainless steel cross fitting, any ND or PN.	Please contact us	

Made-to-measure reducer couplings



Reducing flange or Flange converter
Steel or stainless steel flange

Use	CLS ref.	Price in € excl. tax
To connect 2 flanges of different diameters / ND / PN. Option of single or double studs, zinc-plated or stainless steel bolts.	Please contact us	



Taper reducers
Steel or stainless steel taper reducer

Use	CLS ref.	Price in € excl. tax
Taper reducers on request, any ND and any PN.	Please contact us	



Other made-to-measure coupling parts



Temporary standpipe

Use	CLS ref.	Price in € excl. tax
Easy to install on existing site.	Please contact us	



Straight segment ND 250 - Outlet ND 100



Stainless steel spool piece ND 150



Stainless steel coupling spool



Paddle spade

Manufacture of parts of all sizes to match your requirements: steel or stainless steel.



ASK FOR OUR DATASHEETS



Other made-to-measure coupling parts

A few examples of parts in the field



Made-to-measure metalwork

Drawing on its **expertise** and **highly flexible production facilities**, EIE can respond to **all your metalwork requirements**.

If you have a project in mind, please do not hesitate to contact us.



Sainte-Lizaigne specialises in equipment for drinking water networks and irrigation, which it designs, manufactures in France and markets in France and abroad. Its range includes products for house connections, connections and the metering environment as well as solutions to monitor and control water supply networks.

Raw water metering and distribution equipment are available under the SL-Irrigation brand.

Sainte-Lizaigne also markets FAST leak detection equipment in France.

The Claire Group's capacity for innovation



Over 50 patents filed

45 people working in development teams

Some **20** new products each year

Quality at the heart of our concerns



SAiNTE-LiZaiGNE
GROUPE CLAIRE

Monitoring





Monitoring

Monitoring & diagnostics

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Leak detection

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Management & supervision

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Control

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Main contents

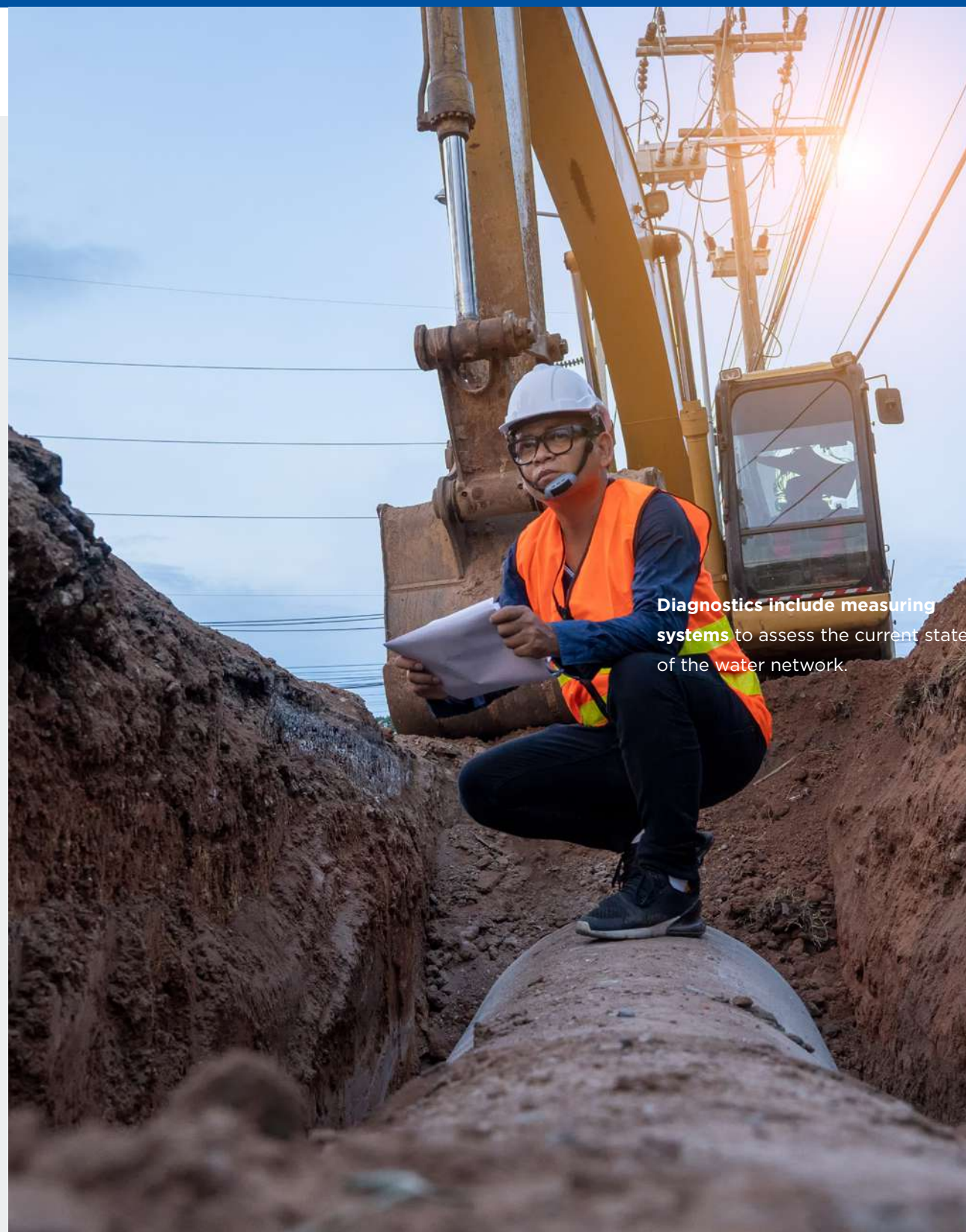
Conserving resources

To safeguard the sustainability and performance of the drinking water supply network, which is a community asset, monitoring facilities are required.

By monitoring certain parameters such as pressure, flow and noise, diagnostics on the deterioration of the water network, its infrastructure and

equipment can be established, and upstream water losses can be identified together with the areas concerned. These diagnostics are essential to manage the infrastructure and to prioritise operating, response and renewal actions.

Sainte-Lizaigne provides equipment to cover all water network monitoring applications.



Diagnostics include measuring systems to assess the current state of the water network.

PRESSURE-FLOW

A self-contained flow and pressure logger with built-in pressure sensor, for sectorisation, **LOG BLUE LP**, see p.470



NOISE-PRESSURE

A single access point to detect and pre-locate leaks, control pressure or monitor temperature, see p.468



PRESSURE

An electromagnetic flow meter for sectorisation, **HYDRINS 2.1**, see p.472



Monitoring & Diagnostics

BLUE Logger

HYDRINS 2.1 flow meter

Network access point

Monitoring system

Page

468

Multiple parameters

Multi-purpose data
loggers - Flow meter

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Water quality

LabFLO

Page

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- Multi-purpose multiple-parameter data loggers
- Complete sectorisation at a single monitoring point
- Upgradeable with communication networks
- Electromagnetic insertion flow meter
- High-precision bidirectional measurement technology
- Installation without interrupting the service
- Multi-purpose, adapts to pipes from ND 100 to > 2000

SENSE network ACCESS POINT

Monitoring system

A single access point to continuously monitor the entire network.



All +

MULTI-PURPOSE SYSTEM

EASY SENSOR REPLACEMENT

DENSE NETWORK COVERAGE

through household-to-mains connections

EASY TO INSTALL

standard connection

HOLISTIC SUPERVISION

accurate and continuous monitoring from a single access point

IMPROVED KNOWLEDGE OF THE NETWORK

by the operator for optimised asset management

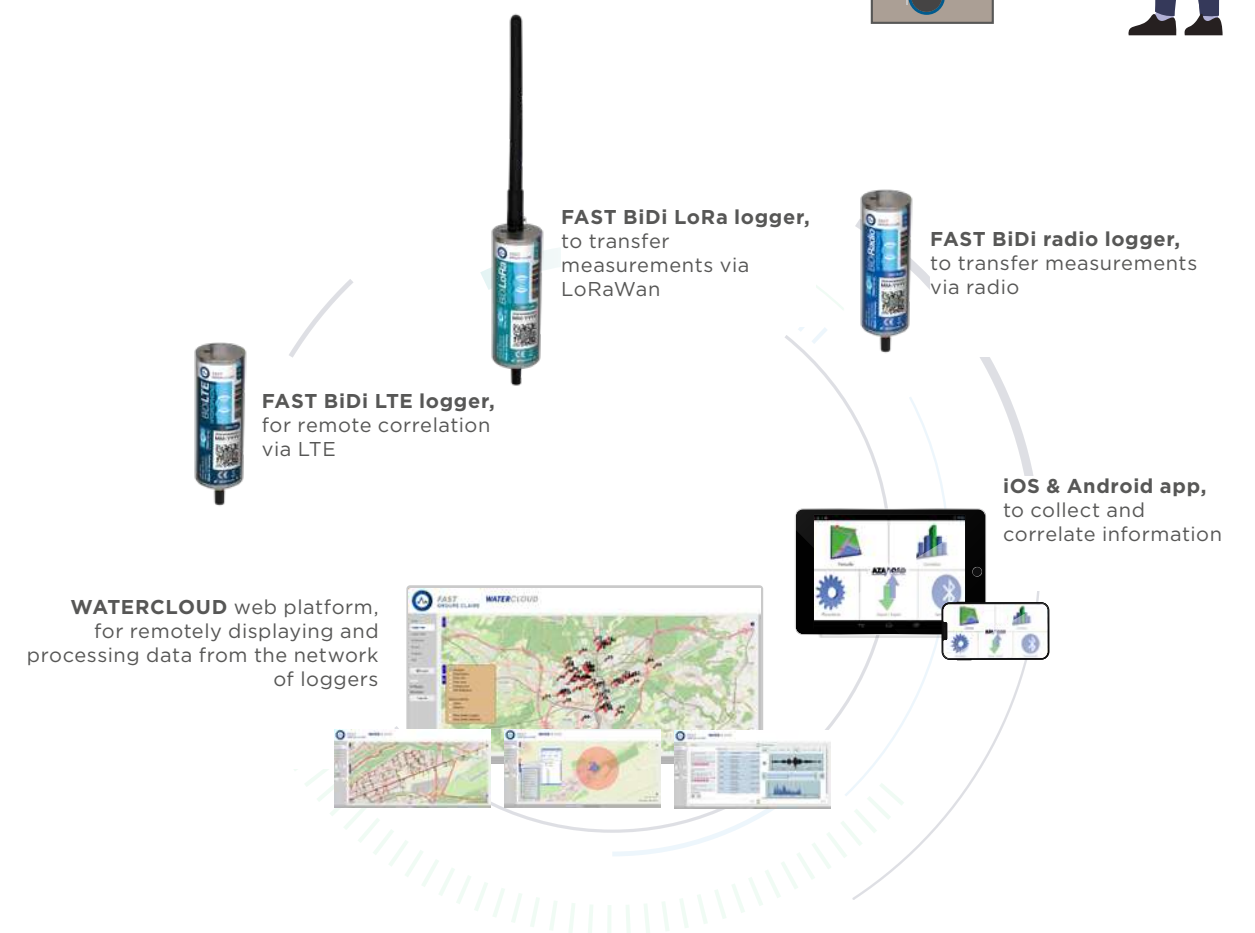
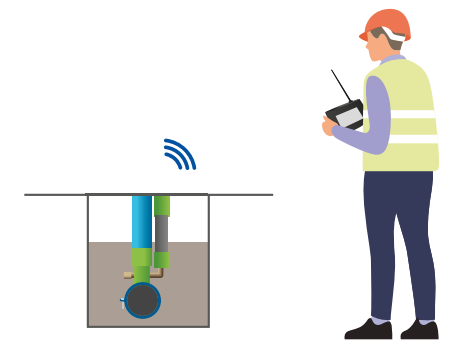
The SENSE connection delivers ongoing diagnostics for the water network by detecting and pre-locating leaks, especially in plastic pipes, monitoring pressure or tracking temperature, and enables multi-point correlation. Installed on a standard house connection, the sensor remains accessible and is easy to replace.

Characteristics

- ___ 2 versions: plug or hydrophone sensor
- ___ Monitoring system protected by a Ø400 pipe
- ___ Connection to the network with a **standard clamp**
- ___ **Standard connection**
- ___ **Interchangeable multi-sensors**
- ___ **On-site data collection** via radio (GSM/GPRS/FTP)
- ___ **Management of data collected** on our WATERCLOUD platform or through remote monitoring

Management and supervision of data

When integrated with or connected to the Sense, each pre-locator can record noise data from various pipes



BLUE & BLUE LP DATA LOGGERS

Multi-purpose data loggers

The battery-operated data logger, for easier sectorisation



All +

COMPLETE SECTORISATION

at a single monitoring point

AUTONOMOUS, COMMUNICATIVE & COMPACT

UPGRADEABLE

with communication networks

EASY TO INSTALL

quick coupling connector and slide-fit installation on its dedicated mount

EASY TO MAINTAIN

no equipment to be changed

CELLULAR COMMUNICATION CARD AND INTERCHANGEABLE BATTERY

directly by the user on site

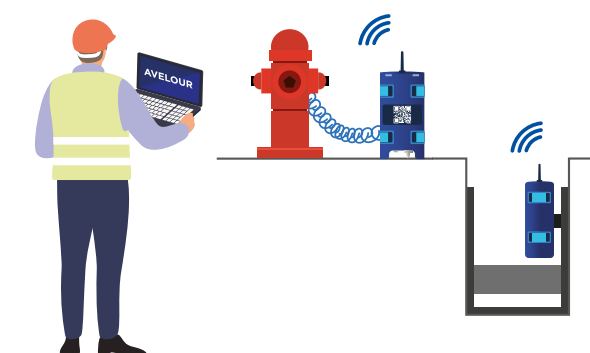
With its autonomous power supply and built-in pressure sensor in the enhanced LP version, the BLUE logger is a multi-parameter data logger that is ideal for all sectorisation applications: pressure and flow measurements, metering and regulation control. The Blue logger logs and transmits data from equipment by radio or cellular network.

Characteristics

- ___ **Built-in 0-25 bar pressure sensor** to monitor pressure on fire hydrants or pipes
- ___ **Compatibility with meter transmitter heads** (2 pulse inputs up to 100 Hz)
- ___ **Compatibility with several MODBUS flow meters**
- ___ **An open-collector output** to drive a control device
- ___ **2 versions** with (BLUE LP) or without built-in pressure sensor (BLUE)
- ___ **Enhanced IP68 sealing**: 2m/100 days
- ___ **Integrated 2G/4G (LTE-m or NB-IoT) communication card**: data collection via radio or SMS, LoRa or IP communication (FTP(S), HTTP(s) or CoAP(S))
- ___ **Management of data collected** on our IJITRACK platform or through remote supervision

Management and supervision of data

Connected to fire hydrants, electromagnetic flow meters, and meter transmitter heads, each sensor/logger is different and can record data from a variety of applications



HYDRINS 2.1

Flow meter

Electromagnetic insertion flow meter for sectorisation



All +

INSTALLATION WITHOUT INTERRUPTING THE SERVICE

simple fitting to connecting valve

ROBUST & COMPACT

with digital sensor

ACCURATE MEASUREMENT AT VERY LOW FLOW RATES

in both directions, ideal for monitoring and tracking night-time flow rates

LONG OPERATING TIME

up to 10 years

MULTI-PURPOSE

adapts to pipes from ND 100 to over 2000

CONTROL OF PRODUCED VOLUMES

meter performance monitoring

HydrINS 2.1® measures the flow rates of drinking water or raw water, even at very low speeds. Its technology provides high-precision bidirectional measurement, ideal for detecting minor leaks and for sectorisation. Robust, sealed, it easily fits into any remote management system. The on-board electronic system offers several measurement modes, speed profiling and continuous signal self-monitoring. It can be used as a permanent or temporary unit.

Characteristics

- ___ **Speed measured** up to 2 cm/s
- ___ **Bidirectional measurement accuracy** up to 2 mm/s
- ___ **Built-in temperature measurement** (standard version only)
- ___ **2 versions:** analogue or digital
- ___ **Installation on pipes** from 100 to over 2,000 mm
- ___ **Battery life up to 10 years:** internal lithium battery as standard (optional external battery pack)
- ___ **IP68 immersion-proof**
- ___ **Quick Fit pressure connector included:** up to 20 bar

Management and supervision of data

Connected to HYDREKA sensors, data loggers and flow meters, the WINFLUID software can be used to program and analyse the collected data



LabFLO

Multi-parameter solutions

Device for measuring the quality of drinking water



All +

SAVES TIME

Plug-and-play system for simple and intuitive use

INTEGRATED SOLUTION

combination of high-precision digital sensors with a remote management PLC

EXTENSIVE COMPATIBILITY

with the main supervision systems on the market

REAL-TIME ALARMS

combination of several parameters

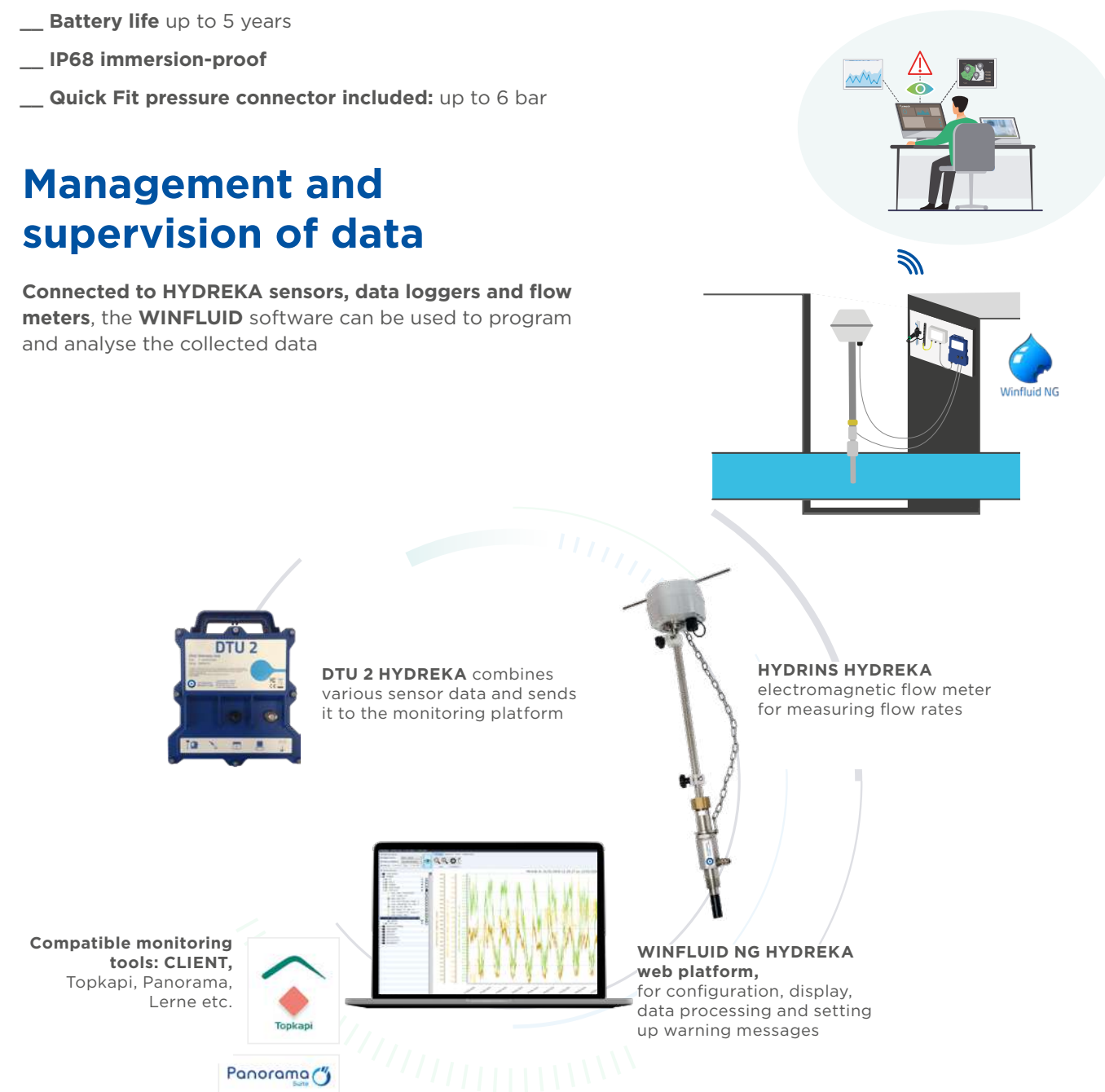
LabFLO is a temporary or permanent solution for physico-chemical analysis measurements of drinking water, specially designed to help monitor the quality of drinking water in public distribution networks. The autonomous LabFLO system enables professionals in design offices, local authorities and businesses to comply with health regulations in accordance with Directive (EU) 202/2184 now in force. Thanks to its plug-and-play system, measurements of free chlorine, combined chlorine, nitrites, pH, turbidity and conductivity are quick and can be used in the Winfluid NG ecosystem.

Characteristics

- ___ **Multi-parameter analyses:** free chlorine, combined chlorine, pH, turbidity, conductivity
- ___ **Conditional device monitoring**
- ___ **Connections for up to 4 sensors** simultaneously, with advanced calculations between inputs to facilitate event management
- ___ **Remote communications:** 4G/3G/2G or local via USB 2.0 cable
- ___ **Remote reprogramming and updating** of firmware and alarms
- ___ **Battery life** up to 5 years
- ___ **IP68 immersion-proof**
- ___ **Quick Fit pressure connector included:** up to 6 bar

Management and supervision of data

Connected to **HYDREKA sensors, data loggers and flow meters**, the **WINFLUID** software can be used to program and analyse the collected data



Conserving resources

Water loss represents a significant economic and resource-related challenge.

Water leaks affect operating costs (excess production, etc.), health and have consequences for users (disrupted or degraded service, as well as damage). Active leakage detection, as well as management of the infrastructure, and a speedy response will help to reduce water losses and contribute to

the performance of the water supply network, while conserving resources.

There are three steps to leak detection: pre-locating by identifying suspicious areas on the network, then correlating by quickly locating the leak area, and finally, pinpointing that confirms the leakage point using ground listening accessories.

Sainte-Lizaigne supplies a full range of **equipment to detect and locate leaks reliably and easily.**



Leak detection comprises equipment to detect and locate leaks:

pre-locators, ground listening devices and correlators.

PRE-LOCATING

A **temporary or permanent monitoring system, BiDi prelocators**, see p.480



CORRELATION

A **multi-purpose and upgradeable correlator**, the **LOKAL 400**, see p.486



PINPOINTING

A **device to locate leaks easily, especially on plastic pipes**, the **PIPEMIC M**, see p.488



Leak detection

**BiDi
loggers**

**PIPEMIC
range**

Pre-locating

Noise loggers - Listening devices - Multi-function acoustic devices

Page

480

Correlation

Multi-purpose correlators

Page

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Pinpointing

Insertion-type acoustic devices

Page

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NEW



- Multi-function pre-locators
- Pre-emptive leak detection
- Installation in a mesh pattern, plug & play
- Communication and remote meter reading (radio, LTE, LoRa)

- Acoustic leak detection by insertion
- Highly accurate pinpointing
- Effective on all pipes (PE/PVC/Metal)

BIDI loggers

Noise loggers

Multi-function loggers listening to networks



All +

FAST RESPONSE TIME

data available within 24 hours of installation thanks to factory pre-configuration

DEPLOYMENT WITHOUT MAJOR WORKS

Plug-and-play installation, magnetic or hydrophone loggers

COMPACT AND ROBUST DEVICES

built-in antenna, IP68 sealed stainless steel, resistance to extreme temperature variations

CONTINUOUS AND RELIABLE LISTENING

accurate and early detection

MAXIMUM ADAPTABILITY

complete range of pre-locators (LTE, LoRa, Radio protocols), two sensor versions (acoustic and hydrophone), adapts to any environment



Installed in a mesh pattern on the water network on valves, street boxes or manholes, pre-locators form a continuous or temporary monitoring system. They automatically log night-time noise to reduce call-out time and provide early detection of a leak.

With the correlation function, which specifies the area where the leak is located, the response time is optimal.

Characteristics

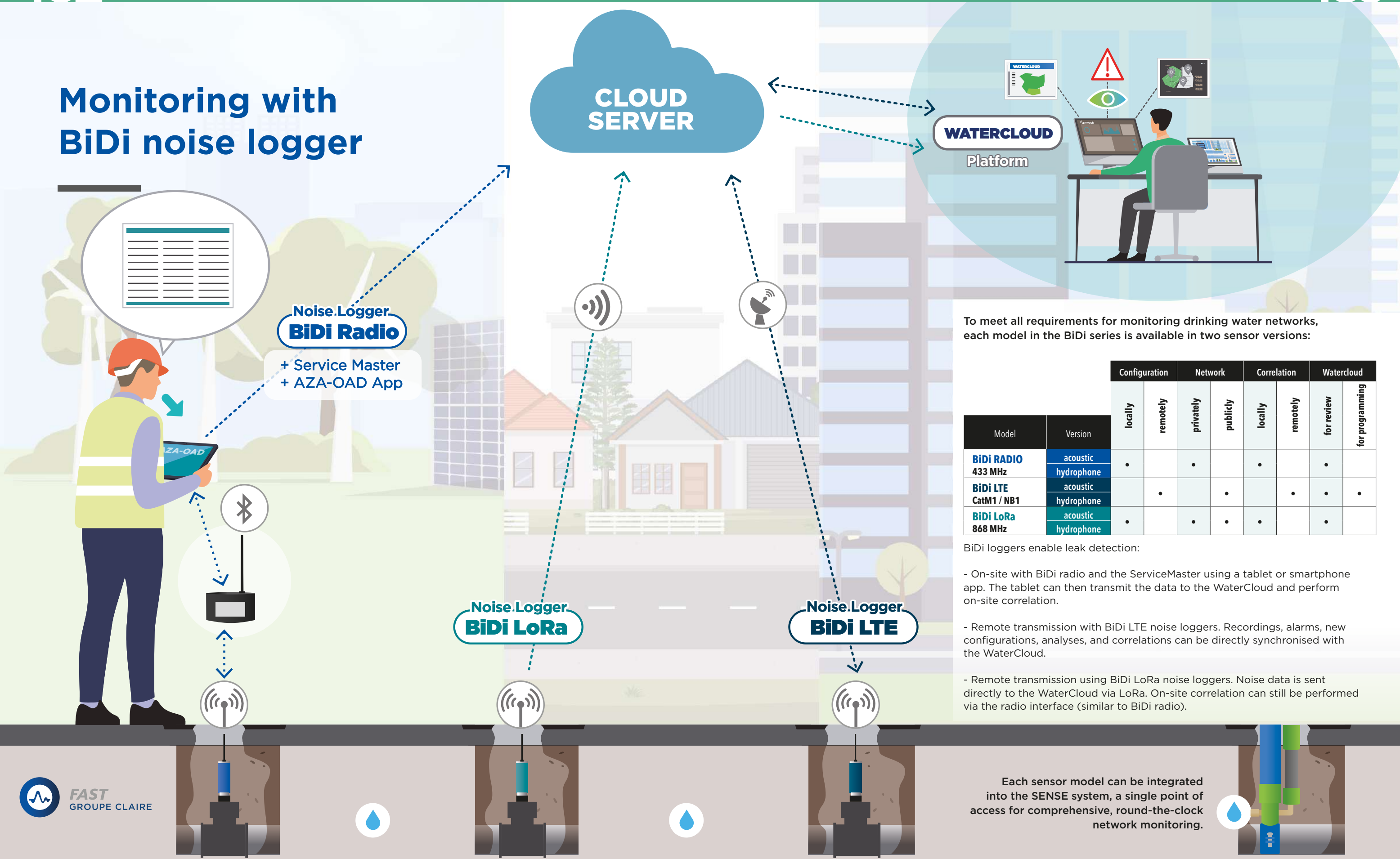
- ___ **Multi-function:**
 - **BiDi Radio:** patrol, pre-locating, correlation
 - **BiDi LTE:** prelocating, correlation
 - **BiDi LoRa:** pre-locating
- ___ **2 sensor versions:** acoustic and hydrophone
- ___ **Customisable settings**
- ___ **Advanced operating mode:** 24,000 measurements by listening over a fully programmable night-time period, with identification of the standard minimum night-time and day-time noise levels
- ___ **Configurable multi-point correlation (date, time, etc.)**
- ___ **A single compact size** (40 mm) to fit all street boxes on the market
- ___ **Communication and remote meter reading:** 433 MHz, LoRa 868 MHz, LTE (CatM1/NB1)
- ___ **Supervision of the pre-locator population** with the WATERCLOUD platform

Management and supervision of data

Deployed individually, integrated into **SENSE**, or used with the **AQUA** range, each pre-locator can record noise data from various pipes



Monitoring with BiDi noise logger



To meet all requirements for monitoring drinking water networks, each model in the BiDi series is available in two sensor versions:

Model	Version	Configuration		Network		Correlation		Watercloud	
		locally	remotely	privately	publicly	locally	remotely	for review	for programming
BiDi RADIO 433 MHz	acoustic	•		•		•		•	
	hydrophone								
BiDi LTE CatM1 / NB1	acoustic		•		•		•	•	•
	hydrophone								
BiDi LoRa 868 MHz	acoustic	•		•	•	•		•	
	hydrophone								

BiDi loggers enable leak detection:

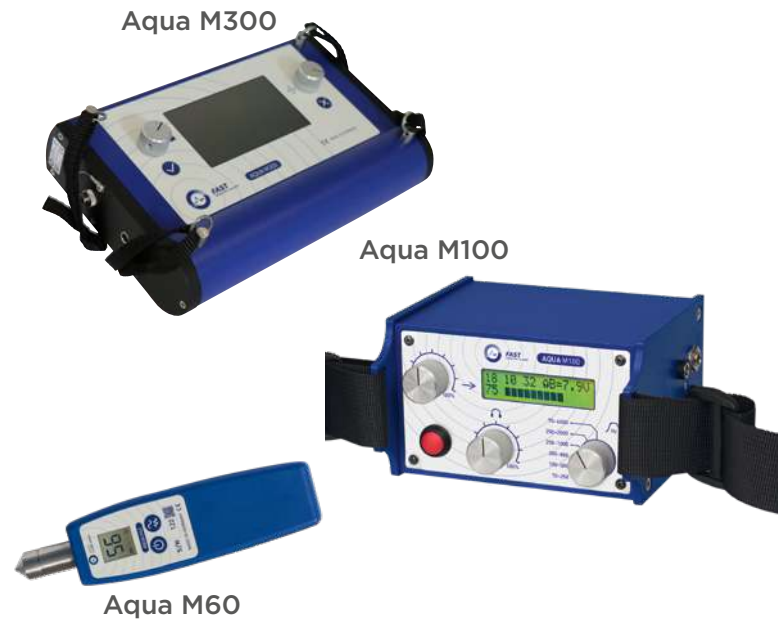
- On-site with BiDi radio and the ServiceMaster using a tablet or smartphone app. The tablet can then transmit the data to the WaterCloud and perform on-site correlation.
- Remote transmission with BiDi LTE noise loggers. Recordings, alarms, new configurations, analyses, and correlations can be directly synchronised with the WaterCloud.
- Remote transmission using BiDi LoRa noise loggers. Noise data is sent directly to the WaterCloud via LoRa. On-site correlation can still be performed via the radio interface (similar to BiDi radio).

Each sensor model can be integrated into the SENSE system, a single point of access for comprehensive, round-the-clock network monitoring.

AQUA RANGE

Pre-locating devices

Wide range of solutions for detecting and/or pinpointing leaks in networks



All +

AQUA M60

lightweight, quick to use thanks to an ultra-sensitive vibration sensor, and upgradeable with the accelerometer option

AQUA M100

compact, robust, and easy to transport for high-quality acoustic detection

AQUA M300

universal, upgradeable and multi-purpose system



Standard mechanical listening device HM II

The AQUA range consists of water leak detection and pinpointing devices for all uses: from the most compact and easy to use for everyday use, to the most evolutive and versatile, including the must-have standard model.

Characteristics

AQUA M300

- **Acoustic pinpointing**, using tracer gas, and detection of pipes with the PWG II pulse generator
- **Colour touchscreen** and multifunction rotary knob
- **Automatic or expert mode**

AQUA M100

- **Acoustic pinpointing and detection of pipes** with the PWG II pulse generator
- **Only 3 setting** buttons
- **Professional sound quality** with 6 pre-set filter levels

AQUA M60

- **High sensitivity / Bluetooth wireless technology**
- Filters or attenuates **ambient noise**
- **Option of combining leakage monitoring** with meter reading

Additional products

Each device is different and allows any user to detect and/or pinpoint leaks in a variety of situations



LOKAL 400

Multi-purpose correlator

Intuitive 2-in-1 system for optimised network operations



All +

EASY TO USE

with high-contrast, backlit colour display

HIGHLY ERGONOMIC

with multifunction rotary knob and touch screen

UPGRADEABLE

to ground listening and acoustic pipe tracing functions

SIMPLIFIED USE

automatic or expert mode

ACCURATE CORRELATION

in a few clicks

EFFECTIVE ON PLASTIC MATERIALS

thanks to the hydrophone kit (optional)

Installed at pre-located listening points, the LOKAL 400 is a versatile device that can correlate and pinpoint leaks, while evolving towards ground listening. This simple to use solution optimises the response and enables the leak to be quickly pinpointed. Renowned for its speedy operation, precision and multi-point correlation, it offers reliable detection, even during daytime periods when traffic is intense.



Characteristics

- ___ **A 2-in-1 system:** correlator and upgrading to ground listening
- ___ **Pre-locating** with listening stick, universal accelerometer or MB6 accelerometer
- ___ **Installation of transmitters - MB6 and sensors -** at pre-located detection points
- ___ **Option of 3-point FFT correlation** with a third MB6
- ___ **Ultra-high precision confirmation and pinpointing** of leaks using a geophone or accelerometer
- ___ **“Trans-auto” function** to cope with road traffic
- ___ **Correlation storage** and the option of updating parameters to recalculate a correlation at a later date and print a report

Additional products

This multi-purpose device can pinpoint leaks through acoustic correlation and then by listening to the ground



PIPEMIC RANGE

Acoustic devices

Agile systems to pinpoint leaks with ultra-high precision



PIPEMIC FLEX



PIPEMIC M/L



PIPEMIC XL / XXL



All +

HOSES

suitable for the toughest conditions

3-IN-1 SYSTEM

acoustic leakage detection, pipe tracing and pinpointing of the leakage point

EFFECTIVE

on all types of PE / PVC / Metal pipes

EASY AND QUICK TO IMPLEMENT

LONG-DISTANCE INTERNAL LISTENING

various lengths: from 50 to 300 m

SEVERAL LEAKS CAN BE IDENTIFIED

in a single operation for optimised asset management

LOWER COSTS

for earthworks and repairs

The PIPEMIC range of acoustic devices helps improve network efficiency, enables pipes under pressure to be located, and detects and pinpoints leaks. These easy-to-use devices are highly effective for detecting leaks in house connections in both small and large distribution pipes. The Flex version will be ideal in environments with meters connected to highly curved pipes.

Characteristics

- ___ 5 sizes available: M, L, XL, XXL, FLEX
- ___ Effective on all types of pipes PE / PVC / Metal
- ___ Implemented by inserting the probe into a network access point: Ø 10mm / Ø 12mm / Ø 22mm
- ___ Detectable probe for very high precision (to within one cm)
- ___ Listening over different lengths: 50m / 80m / 150m / 300m for pipes from ND 20 to 300
- ___ Direct listening to leakage noise on Bluetooth devices (headphones and speakers)
- ___ Built-in odometer and disinfection system
- ___ Accessory case: comprising a flexible tip, fire department quick coupling, charging accessories and 9V battery

Additional products



Conserving resources

A wide range of equipment can be positioned at various points in water networks to monitor them. This often communicating equipment, which is installed temporarily or permanently, measures parameters and collects data to provide information on the state of the network and to provide an alert in the event of an anomaly.

Supervision solutions (platform, application, software, etc.) can be used to monitor equipment globally and remotely for relevant analysis and suitable monitoring.

The monitoring tools are a decision-making aid for operators in their management of the water network: prioritisation of actions and work. They improve response in the event of an anomaly.

Claire Connect offers industry-specific tools to supervise your equipment remotely and to respond quickly.

Supervision includes platforms, software and applications that collect the data transmitted by communicating equipment installed in the field, with the aim of carrying out a global remote analysis.



IJITRACK

A platform to view and analyse data from sensors, IJITRACK, see p.500



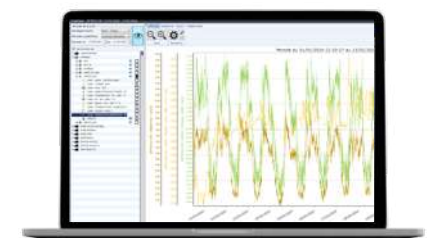
WATERCLOUD

A platform that provides remote monitoring of the logger population, WATERCLOUD, see p.502



WINFLUID NG

A software suite to view and analyse environmental measurements, WINFLUID NG, see p.504



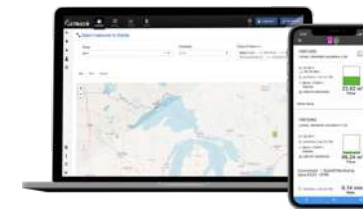
Management & Supervision

AVELOUR software



- Local or remote configuration
- Intuitive interface
- Assisted configuration
- Summary charts and reports
- Compatible with client supervision tools

IJITRACK platform



- Tailored tracking of collected data
- Multi-curve display and interpretation
- Multi-account group management
- Customisable alerts
- Data cybersecurity

Configuring measuring devices

Software and App

Page

494

Web platforms

Data tracking platforms

Page

500

AVELOUR SOFTWARE

Configuration of equipment

The professional tool to configure sensors and data loggers locally or remotely



All +

INTUITIVE INTERFACE

UNIQUE CONFIGURATION TOOL

compatible with all IJINUS sensors

FAST & ASSISTED CONFIGURATION

SETTINGS ARE SAVED

so that they can be duplicated for several sensors

SUMMARY CHARTS OF YOUR DATA

with comparison of multiple devices

GUARANTEED SECURITY

through configuration and supervision

AVELOUR is the software to configure your Ijinus sensors, data loggers, detectors and hubs. It can also be used to collect and analyse data through a summary display and export the data to Excel files or reports. Multiple configuration options are available. Settings can be saved and duplicated on several sensors. Data can be configured and retrieved locally by radio or remotely using a data logger.



Characteristics

- ___ **Instant HF connection of nearby sensors** with the pedestrian hands-free kit or WIJI memory stick
- ___ **Multi-curve display of your data**
- ___ **Collection of indexed data**
- ___ **Recovery of uniquely differential data**
- ___ **Data export:** GIF, JPEG, Excel and CVS format
- ___ **Update:** availability notified at each connection
- ___ **Required operating system:** Windows 7 or higher

Management and supervision of data

Connected to the Ijinus sensors and loggers, the AVELOUR software application allows data from a variety of applications to be analysed and exported



AVELOUR Software REMOTE version

Configuration of equipment

The professional tool for remotely optimising measuring devices



The Remote version of the Avelour software allows various patches to the configurations of measuring devices to be remotely activated. These autonomous systems with cellular communication allow new Avelour configurations to be shared with the Ijitrack platform or the client's monitoring tool. Data collection in accordance with the new configurations facilitates optimisation of the equipment in the network, without the field teams having to intervene.

All +

UNIQUE CONFIGURATION TOOL

compatible with all IJINUS sensors

FAST & ASSISTED CONFIGURATION

multiple configuration options available

SETTINGS ARE SAVED

so that they can be duplicated for several sensors

SUMMARY CHARTS OF YOUR DATA

with comparison of multiple devices

COMPATIBLE WITH CLIENT SUPERVISION TOOLS

Topkapi, Panorama, Dev-IO (OPC-UA, Osisoft, Ifix, WinCC Wonderware, etc.)

Characteristics

- ___ **Instant HF connection of nearby sensors** with the pedestrian hands-free kit or WIJI memory stick
- ___ **Multi-curve display of your data**
- ___ **Collection of indexed data**
- ___ **Recovery of uniquely differential data**
- ___ **Data export:** GIF, JPEG, Excel and CVS format
- ___ **Update:** availability notified at each connection
- ___ **Required operating system:** Windows 7 or higher

Management and supervision of data

Connected to Ijinus sensors and loggers, the Avelour Remote software allows data from a variety of applications to be analysed and exported



WIJI, AZA-OAD and WAYVE Applications

Reference the measuring devices

Handy tools to configure sensors and data loggers



All +

WIJI APP

FAST INTEGRATION

thanks to the QR Code, scanned to activate automatic GPS pinpointing

FAST RESPONSE TIMES IN THE FIELD

thanks to installation photos to easily locate the sensor

AZA-OAD APP

AUTOMATIC TRANSFER

of the measured values from the tablet

VISUALISATION OF DATA

network history, measured values and interventions

WAYVE APP

PROGRAMMING OF OPENING TIME SLOTS

automatic purging operations, openings based on a temperature threshold depending on the box models that are connected

SYSTEM CONTROL

automatic action in the event of a leak

Each app can be used to quickly configure sensors and loggers in a user account. They are essential for activating real-time notifications and alerts, providing optimal monitoring of sensitive points in the network, and displaying the latest data sent by sensors and showing alarms that have been configured.

Characteristics

- ___ Configuration of sensors and loggers
- ___ Visualisation of the latest data, historical and statistical data
- ___ Pinpointing of devices
- ___ Notifications and alerts
- ___ Management of users
- ___ Available in several languages

Management and supervision of data

Each application, which communicates with the sensors, loggers and their dedicated platform, allows equipment to be rapidly configured and/or data to be viewed



IJITRACK PLATFORM

Remote tracking of data

The intuitive supervision platform for your sensors and data loggers



All +

UNIQUE SUPERVISION TOOL

for natural water, drinking water and wastewater networks

COMPATIBLE

with all IJINUS sensors and data loggers and Wayve connected boxes

FAST ASSISTED CONFIGURATION

thanks to its simple and intuitive interface

CUSTOMISED TRACKING

of data with tailor-made exports

FAST RESPONSE TIMES IN THE FIELD

thanks to customised alerts

INCREASED OPERATOR SAFETY

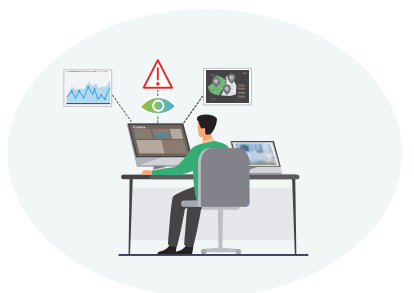
through remote supervision

IJITRACK is a web-based platform where your sensor data is compiled and displayed to be analysed and interpreted. Network monitoring can be customised with the configuration of alerts for greater relevance in field operations. The platform allows sensors to be geolocated on a map, and their measurements to be quickly interpreted through the display of multi-curve graphs, and facilitates the creation and management of customer accounts.



Characteristics

- ___ **Compilation of data measured and recorded** by multiple sensors and loggers
- ___ **Data displayed in map, table and object format**
- ___ **Data export:** GIF, jpeg, Excel and .csv formats, graphs - by sensor, by group, in a date range, automated by HTTP request
- ___ **Data import:** by SMS/GRPS/FTP(S)/HTTP(S)/COAP(S)/LTE-M/NB-IoT
- ___ **Multiple curve display:** up to 7 curves
- ___ **Multiple customer accounts or groups,** with different levels of rights assigned
- ___ **Alert recipients:** up to 20 numbers or e-mail addresses



Management and supervision of data

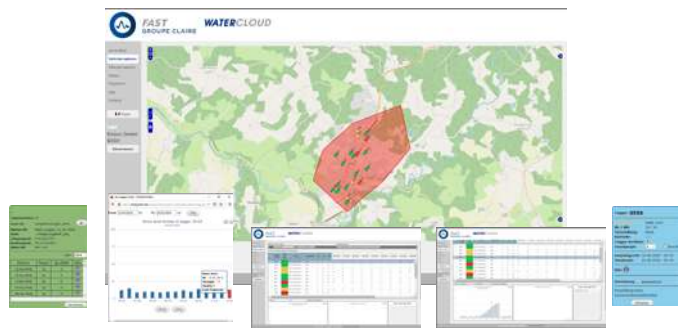
The IJITRACK platform, which communicates with the sensors and data loggers, allows data from a variety of applications to be displayed and processed



WATERCLOUD PLATFORM

Remote tracking of data

The intuitive supervision platform for leak detection



All +

CONTINUOUS NETWORK MONITORING

for early detection of leaks

A UNIQUE AND COMPREHENSIVE WEB ECOSYSTEM

with a unified and customisable interface, suitable for multi-protocol equipment networks, for simplified viewing

AUDIO RECORDINGS

of noise monitoring from BiDi Radio and BiDi LTE

AUTOMATIC RETRIEVAL

of measured values

CREATION OF A DATABASE

network history, measured values and interventions

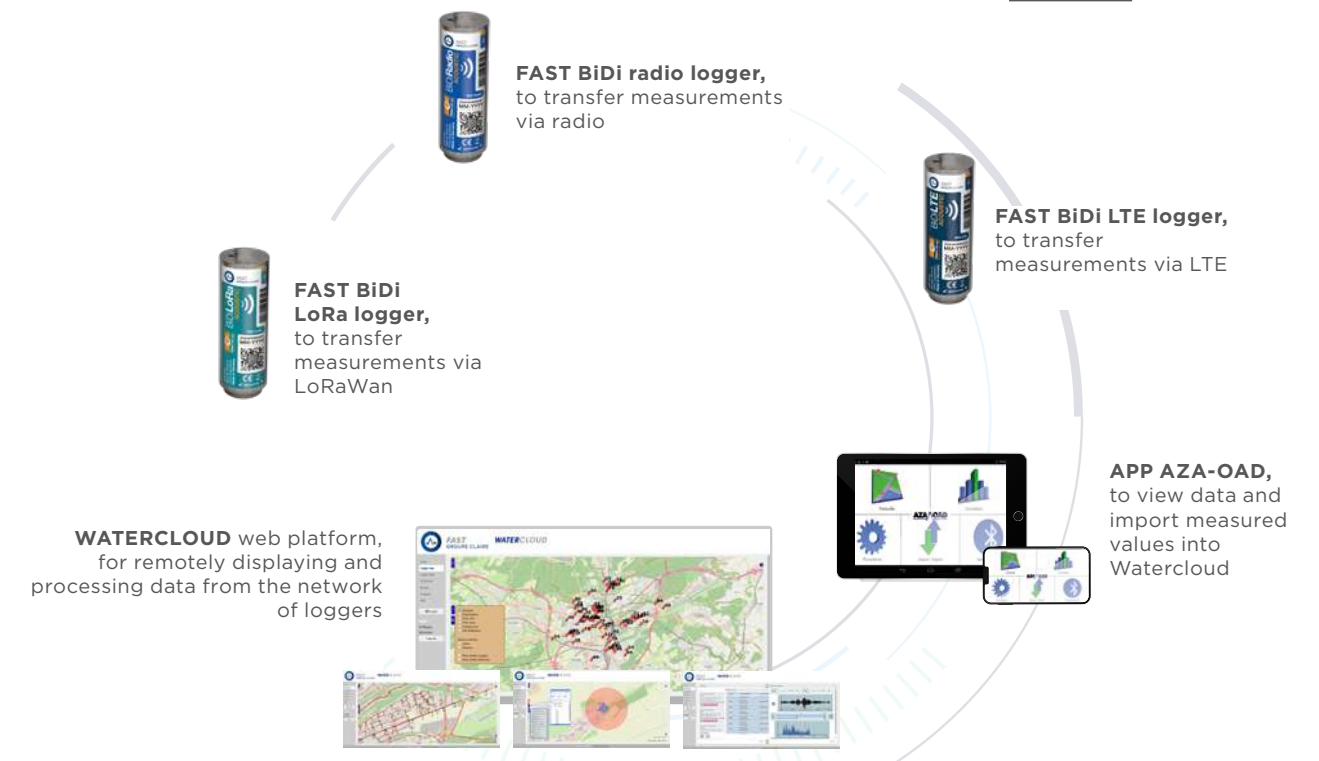
WATERCLOUD is a web-based platform for remote water supply network monitoring. Based on a map, it centralises, manages and displays data and measurement values from FAST pre-locators to detect leaks in water networks. The Watercloud online application, which analyses and manages data, improves response times and optimises operating costs.

Characteristics

- ___ Information retrieval via radio, LoRa or LTE - See illustration p.484
- ___ WATERCLOUD account created by FAST
- ___ Option of creating different user levels (administrator, guest, etc.)
- ___ Geolocating of equipment (loggers) on WATERCLOUD
- ___ Data interpretation on WATERCLOUD
- ___ Campaign creation
- ___ Ergonomic platform with access to measurement data on map by sector, table, graph

Management and supervision of data

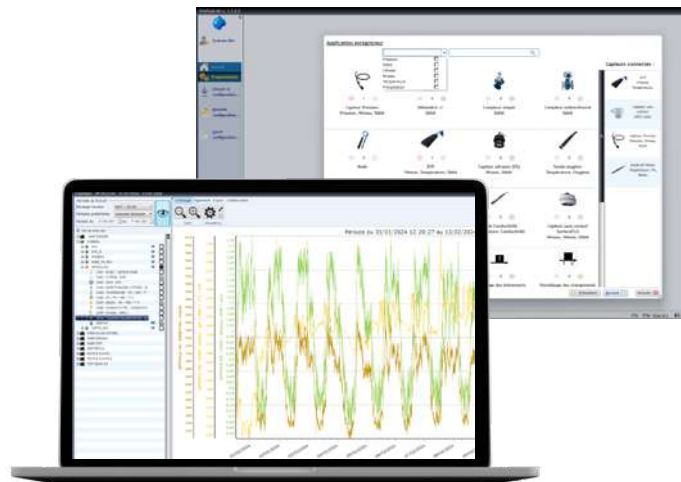
In communication with FAST loggers and pre-locators, the WATERCLOUD platform can be used to display and interpret data from various applications



WINFLUID NG Software

Remote tracking of data

The intelligent ecosystem for your
Hydreka sensors and loggers



All +

CENTRALISED AND REMOTE CONTROL

configuration, collection, synchronisation

ADVANCED DATA PROCESSING

precise and tailor-made processing
(correlation, asynchronous management, etc.)

START-UP ASSISTANCE

thanks to its simple and intuitive interface

OPTIMISED REPORT GENERATOR

customisable configuration and sharing

UNIVERSAL COMPATIBILITY

with a wide range of equipment on the
market

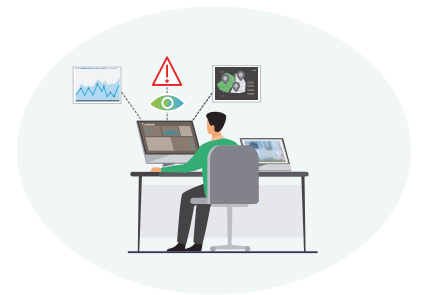
EFFICIENCY IN THE FIELD

multi-user, flexible collection
(remote, local, manual)

WINFLUID NG is a comprehensive software suite for managing environmental measurement chains. It can be used to configure, automatically collect, analyse and display data from a wide range of equipment (flow meters, probes, sensors, loggers, etc). Integrated into the Webfluid2 cloud, it provides synchronised, secure and continuous access to data. Its simplified interface and advanced processing tools make hydrological research easier. Its sharing features make it an all-in-one solution for managers, laboratories, and design offices.

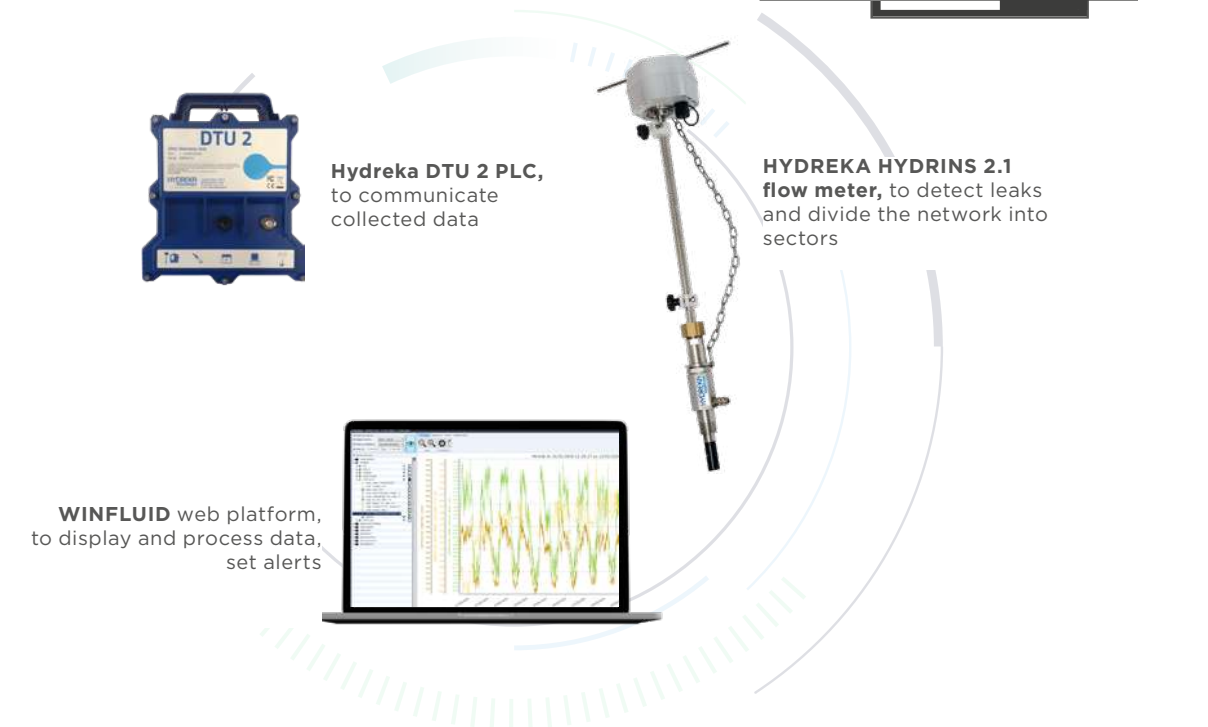
Characteristics

- ___ **Compilation of data measured and recorded** by multiple sensors and loggers
- ___ **Data displayed in map, table and object format**
- ___ **Data export:** .csv format, graphs
- ___ **Windfluid NG and Webfluid NG synchronisation**
- ___ **Data processing tools and automatic reports**
- ___ **Multiple curve display:** up to 7 curves
- ___ **Multiple customer accounts or groups**, with different levels of rights assigned, alerts
- ___ **Data security** via a secure HTTPS connection
- ___ **Programming assistant**



Management and supervision of data

Connected to HYDREKA sensors, data loggers and flow meters, the WINFLUID software can be used to program and analyse the collected data



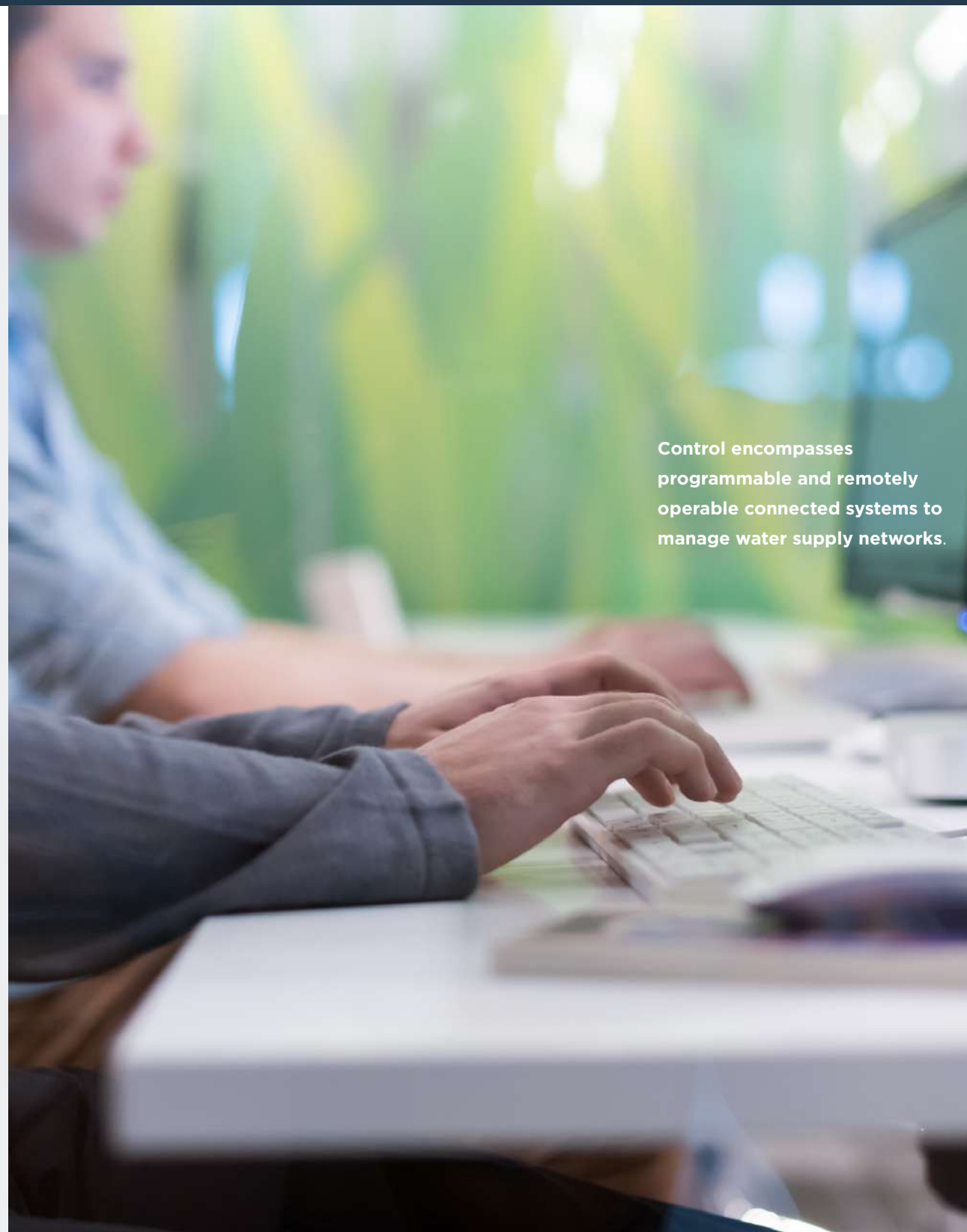
Conserving resources

Improving the performance of drinking water networks also means having systems that can operate independently and that can be remotely controlled to take swift action.

These systems minimise operating costs by reducing the need to travel, optimise water consumption, limit the risk of leakage and associated damage, and preserve water quality. These smart and controlled solutions are designed for a

range of applications and can be installed in public places (schools, stadiums, parks, cemeteries, etc.), factories, isolated premises, individual houses, as well as on the main network: water network branch, network with low water flow, unburied network.

Sainte-Lizaigne supplies connected boxes for automated and customised management of water supply networks.



Control encompasses programmable and remotely operable connected systems to manage water supply networks.

SAVE

A turnkey solution to save water, the **SAVE box**, see p.508



CLEAN

A system that automatically manages network purging, the **CLEAN box**, see p.508



TEMP

The box that protects water and pipes from freezing and high temperatures, **TEMP**, see p.508



WAYVE connected boxes

Remote control

Remote monitoring and control of abnormal water consumption, as well as automation of maintenance operations.



4 turnkey solutions

SAVE BOX

management of consumption and detection of leaks in public and private places, particularly those occupied only seasonally and isolated locations

MOVE BOX

distribution of water when movement is detected in public places and isolated locations

CLEAN BOX

preservation of the quality of water in networks (VCM, stagnant water, etc.)

TEMP BOX

protection of pipes exposed to extreme conditions and of water quality (frost, heatwave, etc.)

- Automatic self-contained system
- Water is automatically replenished
- Pipes and water quality preserved
- Control of consumption and operating costs
- Remote management of equipment, fewer trips
- Continuous monitoring of water supply points

Characteristics

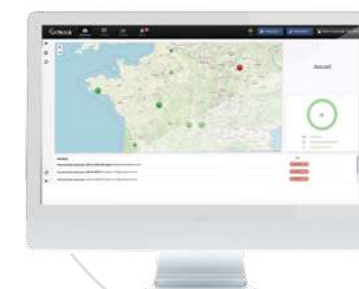
- ___ Connected and remote-controlled valves
- ___ Metering and monitoring of water consumption
- ___ 3 positions for water distribution: open, closed, limited flow
- ___ Alert of irregular consumption
- ___ Scheduling of routine maintenance operations (purging, opening during specific time slots, operations in case of frost, etc.)
- ___ Battery life > 2 years
- ___ Automatic maintenance with interchangeable battery
- ___ IP67 seal (with sensor) / IP68 (without sensor)
- ___ GSM communications
- ___ Management of data collected daily on our WAVE platform or through remote supervision

Management and supervision of data

Connected to the network, each box collects and transfers data from various applications and receives information on programming or opening/closing the water supply



SAVE, MOVE, CLEAN or TEMP BOX: patented and controlled 3-position valves (open, closed and limited flow)



IJITRACK web platform for remote control of the boxes, monitoring and alarm notification in case of leaks in the system, recording of historical and statistical data, geolocation of the devices



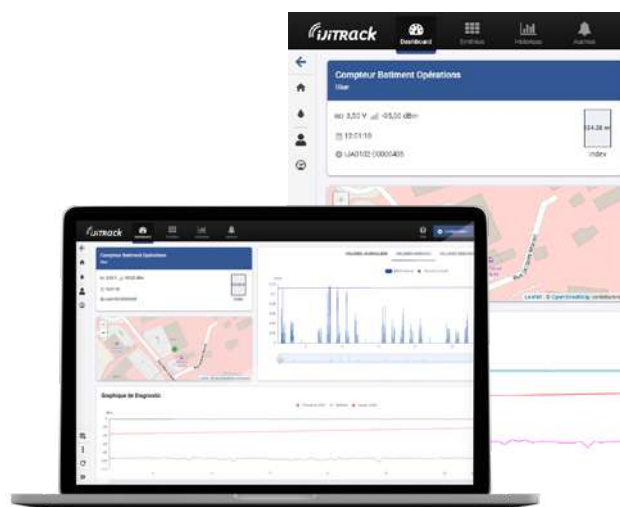
The **WAYVE app**, for programming opening times, automatic leak detection, system control, collecting historical and statistical data, and geolocating the box



IJTRACK PLATFORM

Monitoring of data

The professional tool to remotely control the network



All +

CONTINUOUS MONITORING OF EQUIPMENT

NOTIFICATIONS AND ALERTS

REMOTE CONTROL

open, close, limited flow, activation of programs

REDUCED OPERATING COSTS

by reducing travel

OPTIMISATION OF WATER CONSUMPTION

MINIMISATION OF THE RISKS OF LEAKAGE

and associated wastage, and conservation of water quality



The IJTRACK platform centralises data transferred from connected WAYVE boxes. It provides remote monitoring of all the equipment: geolocation, viewing of history and statistics, notifications and alerts, and remote control.

Characteristics

- ___ Automated and customised management of connected valves
- ___ History and statistics
- ___ Data export
- ___ Notifications and alerts
- ___ Remote control of valves
- ___ Pinpointing of devices
- ___ Battery level
- ___ Meter reading
- ___ Management of users

Management and supervision of data

By communicating with Clean, Temp, Save or Move connected boxes, the WAYVE platform enables data from various applications to be displayed and processed



SAVE, MOVE, CLEAN and TEMP BOXES, for 3 valve positions: open, closed, and limited flow



IJTRACK web platform for remote control of the boxes, monitoring and alarm notification in case of leaks in the system, recording of historical and statistical data, geolocation of the devices

The **WIJI app**, for quickly setting up your IJTRACK account



The **WAYVE app**, for programming opening times, automatic leak detection, system control, collecting historical and statistical data, and geolocating the box



SAiNTE-LiZaiGNE
GROUPE CLAIRE

Consumer house connection
Monitoring



ADG
GROUPE CLAIRE

Network solutions



E.I.E
GROUPE CLAIRE

Intervention solutions

Technical information



— Technical information

Sainte-Lizaigne Clamp Cross-reference table by type and Ø of pipes



Pipe diameters														
PE/PVC/ BLUTOP	CAST IRON				CEMENT (Eternit - asbestos cement)						EVERIT	STEEL		
ED pipe	Pipe ND	Standard Express	Rapid Centriflex Lavril	Grey Oval	Pipe ND	Class 15 / 18	Class 20 / 25	Class 25	Class 30	All Classes	Pipe ND	Draw gas	API	
40														
50											40 - 1"1/2	48.1	48.2	
63	40	56	60	54/58	40			60		60	50 - 2"	59.8	60.3	
75	50	66	70	64/68	50			74		74	60 - 2"1/4	69.8		
											70 - 2"1/2		73	
90	60	77									70 - 2"1/2	76.7		
			82	77/83	50		80	80			75 - 2"3/4	82.5		
110											80 - 3"	89.5	88.5	
	80	98			60				91					
			102	98/102	80		98/100	100	100	104				
	90			107/109							90 - 3"1/2	101.5	101.6	
125	100	118									100 - 4"	114.5	114.3	
140	100		123	118/123	100	118	124	126						
			135		100					130	110 - 4"1/2	126.5		
									137		125 - 5"	139.5		
160	125	144									125 - 5"		141	
			149	144/149	125	145	149	153						
180	150	170			125				169	161	150 - 6"	165.5	168.3	
			175	170/175	150	174								
200						178								
					150			192		192				
225	175	196	201	196/201										
						207	207							
	200	222			175				225	225				
250				222							200 - 8"	219.1	219.1	
	200		227	227										
					200	228								
280						246		246		246				
	250	274		250/275	200				253					
			279	274/279	250	280					250 - 10"	275	273	
315					250		299							
355								306	306	306				
	300	326		326/351							300 - 12"	324	324	
											350	355	355	
	350	378			300			368						
	375	426			350	392	405	419						
	400	429												
	450	480			400	448	463	478			400	406	406	
	500	532			450	498	515	532			450	457	457	
	600	635			500	568	586	605			500	508	508	
	700	738			600	654	672	691			600	610	610	
	800	842			700	761	780	801			700	711	711	
					800	869	891	915			800	813	813	



ALPHACLIC

ALL MATERIALS

References	
ALC X048-050	
ALC X051-063	
ALC Y054-063	
ALC X/Y064-075	
ALC X/Y076-090	
ALC X/Y091-110	
ALC X/Y111-125	
ALC X/Y126-140	
ALC X/Y141-160	
ALC X/Y161-180	
ALC X/Y181-200	
ALC X/Y201-225	
ALC X/Y226-250	

930

PE/PVC/BLUTOP

References	
930 Y050	
111.1	
111.2	
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111.6	
111.7	
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112.00	

OMEGAFLEX

PE

References

OM X050-063

OM X063-090

OM X090-180

OM Y090-140

OM X180-...

OM Y160-...

PRIZDO

ALL MATERIALS

References
CPR-40PB
CPR-50PB
CPR-63PB/GB
CPR-75PB/GB
CPR-90PB/GB
CPR-110PB/GB
CPR-125PB/GB
CPR-140PB/GB
CPR-160PB/GB
CPR-180PB/GB
CPR-200PB/GB
CPR-225PB/GB
CPR-250PB/GB
CPR-280PB/GB
CPR-315PB/GB
CPR-355PB/GB

901

ALL MATERIALS

The diagram illustrates the relationship between different types of references and their corresponding reference ranges. It is structured as follows:

- References:** A horizontal bar at the top, divided into three sections:
 - 901 X/YA (45-95):** The leftmost section, representing a specific reference range.
 - 901 X/YB (45-175):** The middle section, representing a broader reference range.
 - 901 X/YC (45-350):** The rightmost section, representing the widest reference range.
- Reference Ranges:** Three vertical bars on the right side, each corresponding to one of the reference types:
 - 901 X/YA (45-95):** A narrow vertical bar.
 - 901 X/YB (45-175):** A medium-width vertical bar.
 - 901 X/YC (45-350):** A wide vertical bar.
- Relationships:**
 - A dashed blue line connects the top of the 901 X/YA bar to the top of the 901 X/YB bar.
 - A dashed blue line connects the top of the 901 X/YB bar to the top of the 901 X/YC bar.
 - A dashed blue line connects the bottom of the 901 X/YA bar to the bottom of the 901 X/YB bar.
 - A dashed blue line connects the bottom of the 901 X/YB bar to the bottom of the 901 X/YC bar.

ALPHACLIC range

Boss of clamp		
X	Small boss	40 x 300
Y	Large boss	55 x 300

Technical information

U-CAN YELLOW range cross-reference guide



PE / PVC range of fittings U-CAN Brass

Gas threading fitting / plastic pipes

- UL RM - Male fitting
- UL RF - Female fitting
- UL REP - Fitting with captive nut
- UL CM - Male elbow
- UL CF - Female elbow
- UL CEP - Elbow with captive nut
- UL TM - Male tee
- UL TF - Female tee

Plastic pipe fitting / plastic pipes

- UL M - Equal long repairing coupling
- UL JE - Equal short joiner
- UL JD - Combined joiner
- UL CE - Equal elbow
- UL C6 - 135° elbow
- UL CD - Combined elbow
- UL TE - Equal tee
- UL TE - Reduced tee
- UL ADR - Reducing adaptor

Range of threaded/tapped nipples
(based on the bodies of the fittings) U-CAN Brass

Gas thread fitting / gas

- UL 946 MM - Male-male straight nipple
- UL 946 MM - Male-female straight nipple
- UL 946 EP - Male nipple with captive nut
- UL 945 MM - Male-male elbow
- UL 945 MF - Male-female elbow
- UL 945 EP - Male nipple with captive nut
- UL 944 MM - Male-male tee
- Tightening and sealing system nut 28

How to read the cross-reference guide

Sainte-Lizaigne references comprise the following:
UL RM 2015 = Male fitting, external pipe diameter: 20, thread: 15/21 (or G 1/2")

Select the external pipe diameter / thread / tapping in the grey column to the left of the table, then select the external pipe diameter / thread / tapping on the grey line at the top of the table.

Where the selected column and line cross, you will find all of the fittings to serve your needs.

EXTERNAL PIPE DIAMETER			Ø 20		Ø 25		Ø 32		Ø 40		Ø 50		Ø 63	
↓	GAS THREADED / FEMALE	INCHES	12/17	15/21	20/27	26/34	33/42	40/49	50/60	66/76				
			G 3/8"	G 1/2"	G 3/4"	G 1"	G 1" 1/4	G 1" 1/2	G 2"	G 2" 1/2				
Ø 20	20/27	G 3/4"	UL RM 2012	UL RM 2015	UL RM 2020	UL RM 2026	UL RM 2033							
			UL RF 2012	UL RF 2015	UL RF 2020	UL RF 2026	UL RF 2033							
					UL REP 2020									
				UL CM 2015	UL CM 2020	UL CM 2026	UL CM 2033							
				UL CF 2015	UL CF 2020									
					UL CEP 2020									
				UL TM 2015	UL TM 2020									
				UL TF 2015										
			UL 946 MM 2012	UL 946 MM 2015	UL 946 MM 2020									
			UL 946 MF 2012	UL 946 MF 2015	UL 946 MF 2020	UL 946 MF 2026	UL 946 MF 2033							
					UL 946 EP 2020									
				UL 945 MM 2015	UL 945 MM 2020									
				UL 945 MF 2015	UL 945 MF 2020									
					UL 945 EP 2020									
	UL 944 MM 2015	UL 944 MM 2020												
		UL M 20												
		UL JE 20												
		UL CE 20												
		UL TE 20												
Ø 25	26/34	G 1"		UL RM 2515	UL RM 2520*	UL RM 2526*	UL RM 2533*	UL RM 2540	UL RM 2550					
				UL RF 2515	UL RF 2520*	UL RF 2526*	UL RF 2533	UL RF 2540	UL RF 2550					
					UL REP 2520	UL REP 2526								
				UL CM 2515	UL CM 2520	UL CM 2526*	UL CM 2533	UL CM 2540						
				UL CF 2515	UL CF 2520	UL CF 2526								
					UL CEP 2520	UL CEP 2526								
				UL TM 2515	UL TM 2520	UL TM 2526								
				UL TF 2515	UL TF 2520									
				UL 946 MM 2615	UL 946 MM 2620	UL 946 MM 2626								
				UL 946 MF 2615	UL 946 MF 2620	UL 946 MF 2626	UL 946 MF 2633	UL 946 MF 2640	UL 946 MF 2650					
					UL 946 EP 2620	UL 946 EP 2626								
				UL 945 MM 2615	UL 945 MM 2620	UL 945 MM 2626								
				UL 945 MF 2615	UL 945 MF 2620	UL 945 MF 2626								
					UL 945 EP 2620	UL 945 EP 2626								
				UL 944 MM 2615	UL 944 MM 2620	UL 944 MM 2626								
					UL M 25*									
					UL M 25 L									
					UL JD 2520	UL JE 25*								
		UL CD 2520	UL CE 25*											
			UL C6 25											
		UL TR 2520	UL TE 25											
		UL ADR 2520												
Ø 32	33/42	G 1" 1/4			UL RM 3220	UL RM 3226*	UL RM 3233*	UL RM 3240	UL RM 3250					
				UL RF 3215	UL RF 3220	UL RF 3226*	UL RF 3233	UL RF 3240	UL RF 3250					
					UL REP 3220	UL REP 3226								
					UL CM 3220	UL CM 3226	UL CM 3233	UL CM 3240						
					UL CF 3220	UL CF 3226								
					UL CEP 3220	UL CEP 3226								
					UL TM 3220	UL TM 3226	UL TM 3233							
					UL TF 3220	UL TF 3226								
					UL 946 MM 3320	UL 946 MM 3326	UL 946 MM 3333							
				UL 946 MF 3315	UL 946 MF 3320	UL 946 MF 3326	UL 946 MF 3333	UL 946 MF 3340	UL 946 MF 3350					
					UL 946 EP 3320	UL 946 EP 3326								
					UL 945 MM 3320	UL 945 MM 3326	UL 945 MM 3333							
					UL 945 MF 3320	UL 945 MF 3326								
					UL 945 EP 3320	UL 945 EP 3326								
					UL 944 MM 3320	UL 944 MM 3326	UL 944 MM 3333							
						UL M 32*								
					UL JD 3220	UL JD 3225*	UL JE 32*							
					UL CD 3220	UL CD 3225	UL CE 32							
				UL C6 32										
		UL TR 3220	UL TR 3225	UL TF 32										

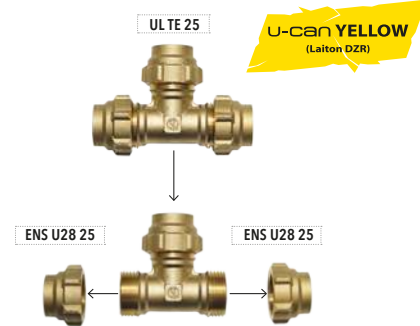
*also available in composite. Eg.: UL RM 2520 = US RM 2520

Technical information

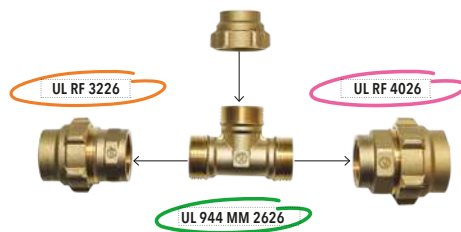
U-CAN YELLOW range cross-reference guide



- 1 After loosening the U28 25 systems, the tee releases 2 male threads 1" or 26/34



- 2 To adjust the tee to desired outlets, add 2 female fittings: one with an outlet diameter of 32, and the other with an outlet diameter of 40. Both with tapping 26/34



- 3 The tee now connects 3 pipes of different diameters: 25, 32 and 40 mm



Example:

How to connect PE pipes with diameters of 25, 32 and 40 from a TE 25 (equal tee for connection to pipes with a diameter of 25)?

Select the external pipe diameter / thread / tapping in the grey column to the left of the table, then select the external pipe diameter / thread / tapping on the grey line at the top of the table. Where the selected column and line cross, you will find all of the fittings to serve your needs.

EXTERNAL PIPE DIAMETER										
GAS THREADED / FEMALE										
INCHES										
			12/17	15/21	20/27	26/34	33/42	40/49	50/60	66/76
			G 3/8"	G 1/2"	G 3/4"	G 1"	G 1" 1/4	G 1" 1/2	G 2"	G 2" 1/2
Ø 40	40/49	G 1" 1/2				UL RM 4026	UL RM 4033	UL RM 4040	UL RM 4050	UL RM 4066
			UL RF 4015	UL RF 4020	UL RF 4026	UL RF 4033	UL RF 4040	UL RF 4050	UL RF 4066	
							UL REP 4040			
						UL CM 4026	UL CM 4033	UL CM 4040	UL CM 4050	
						UL CF 4026	UL CF 4033			
						UL CEP 4026		UL CEP 4040		
					UL TM 4020	UL TM 4026	UL TM 4033	UL TM 4040		
					UL TF 4020	UL TF 4026	UL TF 4033			
						UL 946 MM 4026	UL 946 MM 4033	UL 946 MM 4040		
			UL 946 MF 4015	UL 946 MF 4020	UL 946 MF 4026	UL 946 MF 4033	UL 946 MF 4040	UL 946 MF 4050	UL 946 MF 4066	
							UL 946 EP 4040			
						UL 945 MM 4026	UL 945 MM 4033	UL 945 MM 4040		
						UL 945 MF 4026	UL 945 MF 4033			
						UL 945 EP 4026		UL 945 EP 4040		
					UL 944 MM 4020	UL 944 MM 4026	UL 944 MM 4033	UL 944 MM 4040		
								UL M 40		
						UL JD 4025	UL JD 4032	UL JE 40		
						UL CD 4025	UL CD 4032	UL CE 40		
								UL C6 40		
			UL TR 4025	UL TR 4032	UL TE 40					
			UL ADR 4025	UL ADR 4032						
Ø 50	50/60	G 2"			UL RM 5026	UL RM 5033	UL RM 5040	UL RM 5050	UL RM 5066	
				UL RF 5020	UL RF 5026	UL RF 5033	UL RF 5040	UL RF 5050	UL RF 5066	
							UL REP 5050			
							UL CM 5040	UL CM 5050		
						UL CF 5033	UL CF 5040			
							UL CEP 5040	UL CEP 5050		
					UL TM 5020	UL TM 5026		UL TM 5040	UL TM 5050	
					UL TF 5020	UL TF 5026		UL TF 5040		
					UL 946 MM 5026	UL 946 MM 5033	UL 946 MM 5040	UL 946 MM 5050		
				UL 946 MF 5020	UL 946 MF 5026	UL 946 MF 5033	UL 946 MF 5040	UL 946 MF 5050		
							UL 946 EP 5050			
							UL 945 MM 5040	UL 945 MM 5050		
						UL 945 MF 5033	UL 945 MF 5040		UL 946 MF 5066	
							UL 945 EP 5040	UL 945 EP 5050		
					UL 944 MM 5020	UL 944 MM 5026		UL 944 MM 5040	UL 944 MM 5050	
									UL M 50	
						UL JD 5025	UL JD 5032	UL JD 5040	UL JE 50	
								UL CD 5040	UL CE 50	
									UL C6 50	
			UL TR 5025		UL TR 5040	UL TE 50				
			UL ADR 5025	UL ADR 5032	UL ADR 5040					
Ø 63	66/76	G 2" 1/2						UL RM 6340	UL RM 6350	UL RM 6366
									UL RF 6350	UL RF 6366
										UL CM 6366
										UL TM 6366
								UL 946 MM 6640	UL 946 MM 6650	UL 946 MM 6666
								UL 946 MF 6650	UL 946 MF 6666	
									UL 945 MM 6666	
									UL 944 MM 6666	
										UL M 63
								UL JD 6340	UL JD 6350	UL JE 63
										UL CE 63
										UL C6 63
										UL TE 63
								UL ADR 6340	UL ADR 6350	
			Ensemble de serrage et d'étanchéité écrou 28				ENS U28 20	ENS U28 25	ENS U28 32	ENS U28 40

— Technical information

What is the NF mark?

The **NF mark** affixed to a product certifies that said product complies with the relevant standards and any additional technical market requirements.



The characteristics are specified in technical documents drawn up in consultation with manufacturers, distributors, consumer associations, laboratories and public authorities, set by AFNOR (Standards Organisation) Certification and controlled by the CSTB (Centre Scientifique et Technique du Bâtiment - Scientific and Technical Centre for Building).

The CSTB carries out product testing and audits companies as part of this procedure.

Which products carry the NF mark?

The NF mark is affixed to the following products:

Controllable EA, EC non-return, anti-pollution valves (threaded or flanged ends)

What does the NF mark do?

The NF mark — ANTI-POLLUTION OF WATER INSTALLATIONS - certifies that the products comply with NF045 certification approved by the CSTB and by AFNOR Certification.

This guarantees the following for the non-return (threaded or flanged) EA, EC valves in particular:

- Fluid passage in the normal direction of flow and sealing under low and high pressure in the opposite direction
- These check valves can be checked and some are interchangeable
- Flanged check valves can also be inspected.

How do you recognise an NF product?

The logo  or  is placed next to the relevant item to distinguish products eligible for the NF mark - ANTI-POLLUTION OF WATER INSTALLATIONS from those that do not feature in the catalogue.

Furthermore, to recognise them commercially and during installation:

- the logo  may be affixed to the packaging.
- the logo  is affixed to the products **per se** and to the packaging

Websites: www.marque-nf.com or <https://evaluation.cstb.fr>

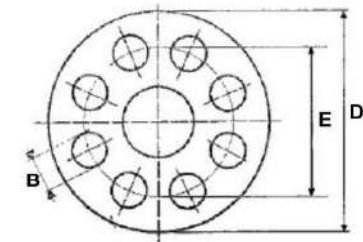
— Technical information

DRILLING TEMPLATES FOR STANDARD FLANGES



The information is provided in accordance with the following standards:

- NFE 29203
- NFA 48840
- NFEN 1092-2
- ISO 7005/2
- ISO 2531



ND	ISO PN 10						ISO PN 16						ISO PN 25					
	D	E	B	Bolts			D	E	B	Bolts			D	E	B	Bolts		
				Qty	Ø	Lgth				Qty	Ø	Lgth				Qty	Ø	Lgth
10	90	60	14	4	12		90	60	14	4	12		90	60	14	4	12	
15	95	65	14	4	12		95	65	14	4	12		95	65	14	4	12	
20	105	75	14	4	12		105	75	14	4	12		105	75	14	4	12	
25	115	85	14	4	12		115	85	14	4	12		115	85	14	4	12	
32	140	100	19	4	16		140	100	19	4	16		140	100	19	4	16	
40	150	110	19	4	16	70	150	110	19	4	16	70	150	110	19	4	16	70
50	165	125	19	4	16	70	165	125	19	4	16	70	165	125	19	4	16	70
60	175	135	19	4	16	70	175	135	19	4	16	70	175	135	19	8	16	70
80	200	160	19	8	16	70	200	160	19	8	16	70	200	160	19	8	16	70
100	220	180	19	8	16	70	220	180	19	8	16	70	235	190	19	8	20	80
125	250	210	19	8	16	70	250	210	19	8	16	70	270	220	23	8	24	100
150	285	240	23	8	20	80	285	240	23	8	20	80	300	250	28	8	24	100
200	340	295	23	8	20	80	340	295	23	12	20	80	360	310	28	12	24	100
250*	395	350	23	12	20	80	405	355	28	12	24	100	425	370	31	12	27	110
300*	445	400	23	12	20	80	460	410	28	12	24	100	485	430	31	16	27	110
350	505	460	23	16	20	80	520	470	28	16	24	100	555	490	34	16	30	130
400	565	515	28	16	24	100	580	525	31	16	27	110	620	550	37	16	33	140
450	615	565	28	20	24	100	640	585	31	20	27	110	670	600	37	20	33	140
500	670	620	28	20	24	100	715	650	34	20	30	130	730	660	37	20	33	140
600	780	725	31	20	27	110	840	770	37	20	33	140	845	770	40	20	36	140
700	895	840	31	24	27		910	840	37	24	33		960	875	43	24	39	
800	1015	950	34	24	30		1025	950	40	24	36		1085	990	49	24	45	
900	1115	1050	34	28	30		1125	1050	40	28	36		1185	1090	49	28	45	
1000	1230	1160	37	28	33		1255	1170	43	28	39		1320	1210	57	28	52	

* For SG cast iron flanges, the dimension D is the same for ISO PN 10 and ISO PN 16, i.e.:
For ND 250, D = 400
For ND 300, D = 455

The lengths of the bolts are given as a guide for 'flange/flange' assemblies, but they cannot be used for assemblies such as "free flange, rotating lap joint flange, etc.".

TABLE SHOWING THE USE OF JOINING AND REPAIR EQUIPMENT BASED ON PIPE DIAMETERS AND TYPES


Type of pipe	ND	Outside diameter	RLT		LTLT		ADG-FITLOCK	REPAIR CLAMP MR SINGLE BAND		REPAIR CLAMP MR MULTI-BAND			
PVC/HDPE	40	40			LTLT-6040 (40-63)			MR48-50					
Steel	32	42.4											
Steel	40	48.3											
Centriflex cast iron	32	49											
PVC/HDPE	50	50					ML-50						
Grey cast iron	40	54-58											
Steel	50	57											
Asbestos cement cl 25	40	60-64											
Steel	50	60.3											
PVC/HDPE	63	63											
Grey cast iron	50	64-66					ML-63	MR/MR2 60-67					
Asbestos cement cl 10	50	66-70											
Centriflex cast iron	50	70											
Steel	60	70											
Asbestos cement	50	74-78							ML-75				MR/MR2 70-77
PVC/HDPE	75	75											
Steel	65	76.1											
Ductile cast iron	60	77											
Grey cast iron	60	75-83											
Asbestos cement cl 10/15	60	80-84											
Steel	70	82.5											
Asbestos cement cl 20/25	60	84-88											
Steel	80	88.9											
PVC/HDPE	90	90											
Asbestos cement cl 30	60	88-92					ML-90	MR/MR2 89-98					
Ductile cast iron	80	98											
Grey cast iron	80	96-102											
Asbestos cement cl 10/15	80	76-103											
Asbestos cement cl 20/25	80	100-106											
Asbestos cement cl 30	80	108-112											
Steel	100	108											
PVC/HDPE	110/100	110											
Steel	100	114.3											
Ductile cast iron	100	118											
Grey cast iron	100	117-123											
Asbestos cement cl 10/15	100	118-132											
PVC/HDPE	125	125											
Asbestos cement cl 20	100	126-132											
Steel	125	133											
Asbestos cement cl 25	100	128-134											
Asbestos cement cl 30	100	100-134											
Steel	125	139.7											
PVC/HDPE	140	140											
Ductile cast iron	125	144											
Grey cast iron	125	143-149											
Asbestos cement cl 10/15	125	145-153											
Asbestos cement cl 20/25	125	149-157											

TABLE SHOWING THE USE OF JOINING AND REPAIR EQUIPMENT BASED ON PIPE DIAMETERS AND TYPES


Type of pipe	ND	Outside diameter	RLT		LTLT		ADG-FITLOCK	REPAIR CLAMP MR SINGLE BAND		REPAIR CLAMP MR MULTI-BAND	
Steel	150	159	RLT-3158 (158-184)		LTLT-6140 (140-170)		ML-160	MR/MR2 159-170	MR/MR2 151-161	MR/MR2 158-180	
PVC/HDPE	160	160									
Asbestos cement cl 30	125	161-169									
Steel	150	168.3									
Ductile cast iron	150	170									
Grey cast iron	150	169-177			LTLT-6159 (159-189)						
Asbestos cement cl 10	150	170-178									
Asbestos cement cl 15	150	174-182									
Asbestos cement cl 20	150	178-186									
PVC/HDPE	180	180									
Asbestos cement cl 25	150	184-192	RLT-3180 (180-205)		LTLT-6180 (180-210)		ML-180	MR/MR2 174-184	MR/MR2 180-191	MR1/MR2 168-189	
Asbestos cement cl 30	150	192-200									
Steel	175	193.7									
Ductile cast iron	175	196									
Grey cast iron	175	194-201									
PVC/HDPE	200	200			ML-200						
Asbestos cement cl 10	175	195-203									
Asbestos cement cl 15	175	199-207									
Asbestos cement cl 20/25	175	207-215									
Steel	200	219									
Ductile cast iron	200	222	RLT-3218 (218-246)		LTLT-6210 (210-250)		ML-225	MR2-219-228	MR2-209-220	MR2/MR4 195-217	
Grey cast iron	200	219-228									
PVC/HDPE	225	225									
Asbestos cement cl 30	175	225-233									
Asbestos cement cl 10	200	220-230									
Asbestos cement cl 20	200	228-235									
Asbestos cement cl 25	200	228-250									
PVC/HDPE	250	250			ML-250						
Asbestos cement cl 30	200	246-258									
Grey cast iron	225	250-255									
Steel	250	267									
Steel	250	273	RLT-3245 (245-270)			LTLT-6246 (246-286)		ML-250	MR2-261-271	MR2-243-254	MR2/MR4 216-238
Ductile cast iron	250	274									
Grey cast iron	250	274-279									
PVC/HDPE	280	280									
Asbestos cement cl 10	250	270-280									
Asbestos cement cl 15	250	272-289									
Asbestos cement cl 20/25	250	281-296									
Asbestos cement cl 30	250	314			ML-315						
PVC/HDPE	315	315									
Steel	300	323.9									
Ductile cast iron	300	326									
Grey cast iron	300	324-331									
Asbestos cement cl 10	300	324-334	RLT-3310 (310-335)		LTLT-6295 (295-335)		ML-315	MR2-305-315	MR2-270-280	MR2/MR4 273-293	
Asbestos cement cl 15	250	272-289									
Asbestos cement cl 20/25	250	281-296									
Asbestos cement cl 30	250	314									
PVC/HDPE	315	315									
Steel	300	323.9	RLT-3270 (270-295)		LTLT-6270 (270-310)		ML-315	MR2-305-315	MR2-280-291	MR2/MR4 282-302	
Ductile cast iron	300	326									
Grey cast iron	300	324-331									
Asbestos cement cl 10	300	324-334									
Asbestos cement cl 15	300	334-344									
Asbestos cement cl 20/25	300	350	RLT-3310 (310-335)		LTLT-6325 (325-365)		ML-315	MR2-322-333	MR2-288-299	MR2/MR4 324-344	
Asbestos cement cl 30	250	314									
PVC/HDPE	315	315									
Steel	300	323.9									
Ductile cast iron	300	326									
Grey cast iron	300	324-331	RLT-3310 (310-335)		LTLT-6295 (295-335)		ML-315	MR2-322-333	MR2-288-299	MR2/MR4 324-344	
Asbestos cement cl 10	300	324-334									
Asbestos cement cl 15	300	334-344									
Asbestos cement cl 20/25	300	350									
Asbestos cement cl 30	250	314									



Under-pressure drilling

What is under-pressure drilling?

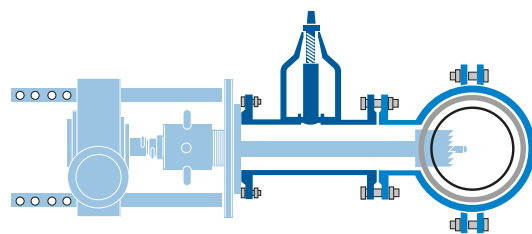
This technique, which originates from the oil and gas industry, involves drilling into a pipe, while it is still supplied and under pressure, through a valve or gate valve previously fitted to a tapping tee or tapping fitting, while ensuring that it is watertight during the drilling operation.

Since 1976, EIE has focused on this technology to adapt it to drinking water networks. EIE is even considered to be the inventor of this technique in the drinking water supply sector, through its development of tapping tees, machines and tools.

Principle

Work on a water network (or gas network: please contact us) **that is in service without interrupting the service.**

Fit a branch connection: distribution pipe or consumer connection.



Advantages of under-pressure drilling

• Service continuity

Under-pressure drilling enables work to be carried out on the drinking water network without interrupting the water supply to consumers.

• Lower work costs

The operation is 2 to 3 times faster than a procedure that involves cutting off the water supply. It also means that there are fewer parts to handle and fewer seals to fit, all of which increase the risk of leaks.

• Water resources and the environment are safeguarded

The pipe does not need to be drained before the work is carried out. Water consumption is very low and no water is wasted.

Very little waste is generated during drilling, only the cut-out disc, which will be recovered.

• Flexibility in terms of organisation

Under-pressure operations mean you can manage your work schedule more effectively. Teams are not dependent on the distributor's water supply being shut off, and site contingencies (such as early completion or delays) have no impact on the overall organisation of the works.

Under-pressure drilling technique

THE POTENTIAL OF UNDER-PRESSURE DRILLING

MATERIALS THAT CAN BE DRILLED UNDER PRESSURE:

In all cases the appropriate tools must be used (please contact us):

- Cast iron: for grey cast iron, it is preferable to replace the saddle with a 120 A tapping sleeve
- Steel
- HDPE: depending on the type of pipe and the pressure, it may be necessary to use long series hole cutters
- PVC
- Asbestos - Cement
- BONNA pipe: requires a special saddle to rest on the sheet metal core
- GRP
- Concrete

POSSIBLE BRANCH CONNECTION DIMENSIONS:

- ND 20 to 40: for individual consumer connections (using a connecting valve)
- ND 50 to 600: for network extension, branch connections (using full-bore gate valves)
- On cast iron, a branch connection with a diameter equivalent to that of the mains supply can be created: example ND 600 pipe, with a ND 600 branch fitting. For other materials, a branch connection can be created with the nearest smaller nominal diameter: for example, a ND 300 HDPE pipe with a ND 250 branch fitting

PERMISSIBLE PRESSURES:

Our clamps/saddles have been tested under pressure up to 70 bar. They are guaranteed to 30 bar. They are delivered ex-stock, up to ND 150 with flanges: PN 10/PN 16, above: PN 10. Please contact us for higher pressures.

Comparison between an under-pressure drilled connection and a branch connection made using traditional methods (example for a ND 300 pipe)

IMPLEMENTATION STEPS	STANDARD BRANCH CONNECTION	UNDER-PRESSURE DRILLING
Warn consumers that the water supply is to be cut off	In accordance with the distributor's terms and conditions	Not applicable
Shut off the section of pipe concerned	30 minutes	Not applicable
Drain the pipe	1 hour	Not applicable
Excavation work	-	-
Cut the pipe	1 hour	Not applicable
Fit 1 tee with seals, 2 couplings, 1 cut and 1 valve	3 x 1 hour	-
Fit a saddle/clamp (or tee coupling) and a valve	1 hour	2 x 30 minutes
Hydraulic test and drilling	-	2 x 30 minutes
Fill, rinse, bleed, test the pipe and disinfect	3 x 30 minutes	Not applicable
Put back into service and stop	1 hour	Not applicable
TOTAL	8 HOURS	2 HOURS

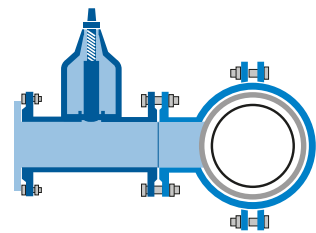
Under-pressure drilling technique

DRILLING CONFIGURATIONS

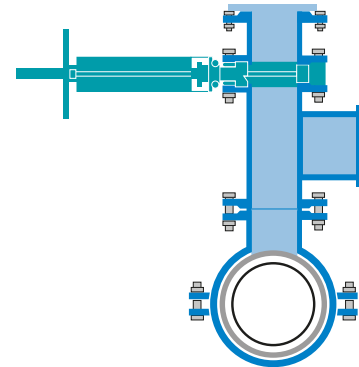
TECHNIQUES:

- Horizontal drilling
- Top drilling
- Tangential drilling
- Surface drilling

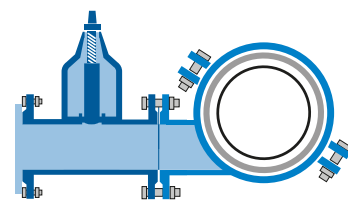
- Drilling at 45 °
- Drilling on Bonna pipe
- Fitting a tee on ND ≥ 800



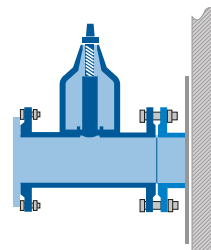
Horizontal drilling
(Standard configuration)



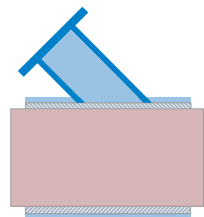
Top drilling
(Congested networks)



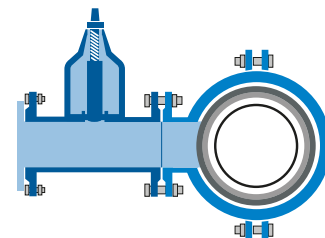
Tangential drilling
(Low tapping, with the flow of the water)



Surface drilling
(Drilling an ovoid pipe or on a tank)



Drilling at 45°
(Inserting a probe or outlet at 45°)
Other angles: please contact us



Drilling on Bonna pipe
(Case of a pipe with a steel plate core:
seal on the steel plate core)

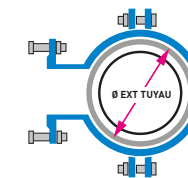
UNDER-PRESSURE DRILLING PROCEDURE

EQUIPMENT REQUIRED:

- Tapping saddle or 120 A tapping tee (preferably the saddle, as the tee is reserved for special applications: brittle cast iron).
- Valve + metal gasket + bolts. EIE can offer you a complete factory-assembled and tested unit.
- EIE drilling machine and appropriate tools. The machine takes up very little space: 52 cm high and 35 cm wide.

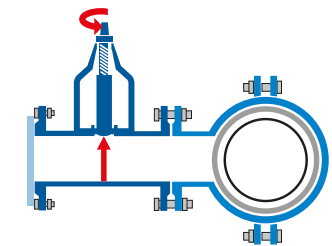
PHASE 1

The saddle is fitted onto the pipe



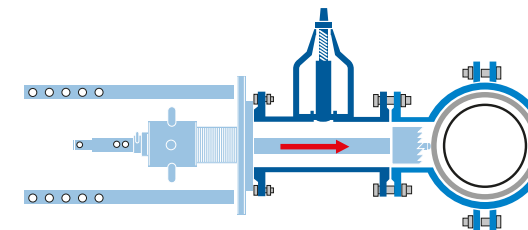
PHASE 2

The open valve is fitted



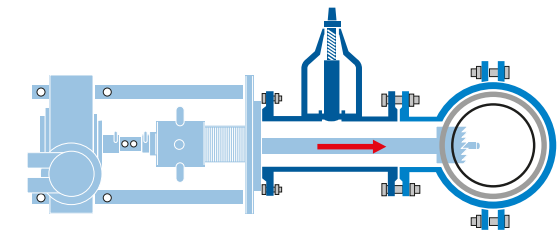
PHASE 3

The cutting tool comes into contact with pipe



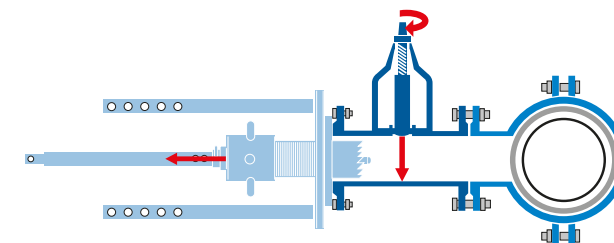
PHASE 4

The pipe is drilled



PHASE 5

The machine is removed after closing the valve



READY FOR CONNECTION

— Technical information

CROSS-REFERENCE TABLE FOR OUTSIDE PIPE DIAMETERS



DIAMETER		PIPE MATERIAL					Repair parts					
ND	INCHES	GS	GREY MIN	GREY MAX	STEEL	PVC/PE	CAST IRON		STEEL		STAINLESS STEEL CLAMP	
							2 parts	3 parts	Steel	EIE patent	Jaw cast iron	Type 141 / 142
15	1/2"	21.3			20.0		•					
					21.3		•					
20	3/4"	26.9			25.0	20	•					
					26.9		•					
25	1"	33.7			33.7	25	•					
		38			38.0		•					
32	1 1/4"				42.4	32	•					
					44.5		•					
40	1 1/2"	57	54.5	58	48.3	40	•	•				
		66	64.5	68	54.0	50	•	•				
50	2"				57.0	63	•	•				
					60.3		•	•				
60	2 1/4"	77	75.5	82	70.0	63	•	•				
					73.0	75	•	•				
					76.1		•	•				
	2 1/2"				82.5		•	•				
80	3"	98	96.5	102	88.9	90	•	•				
			106.5	110	101.6		•	•				
100	4"	118	116.5	123	108.0	110	•	•				
					114.3		•	•				
					127.0		•	•				
125	5"	144	142.5	149	133.0	125	•	•	•			
			153.5	157	139.7	140	•	•	•			
					141.3		•	•	•			
					152.4		•	•	•			
150	6"	170	168.5	175	159.0	160	•	•	•			
			180.5	184	165.1	180	•	•	•			
					168.3		•	•	•			
					177.8		•	•	•			
175	7"	196	193.5	201	193.7	180	•	•	•			
200	8"	222	219.5	227	219.1	200	•	•	•			
225			245.5	249	244.5	225			•			
250	10"	274	270.5	279	273.0	250	•	•	•			
275			296.5	300	298.5	280			•			
300	12"	326	322	331	323.9	315	•	•	•			
325			348	352	344.0		•	•	•			
350	14"	378	374	378	355.6	355	•	•	•			
375			399	403	368.0				•			
400	16"	429	425	429	406.4	400	•	•	•			
					419.0		•	•	•			
450	18"	480	476	480	457.0	450	•	•	•			
500	20"	532	528	532	508.0	500	•	•	•			
550	22"		580	584	558.8	560	•	•	•			
600	24"	635	631	635	610.0	630	•	•	•			
650	26"		683	687	660.4				•			
700	28"	738	734	738	711.2	710	•	•	•			
750	30"		786	790	762.0				•			
800	32"	842	838	842	812.8	800	•	•	•			
900	36"	945	941	942	914.4		•	•	•			
1000	40"	1048	1044	1048	1016.0		•	•	•			
1100	44"	1151	1148	1152	1118.0		•	•	•			
1200	48"	1255			1219.0				•			
1300	52"				1320.8				•			
1400	56"	1462			1422.4				•			
1500	60"	1565			1524.0				•			
1600	64"	1668			1625.6				•			

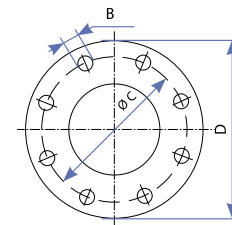
— Technical information

DRILLING TEMPLATES

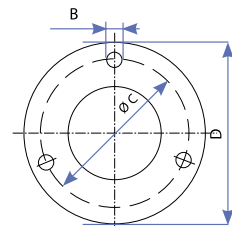


Standardised in accordance with:

- NF EN 1092-2
- ISO 7005-2



Holes off axis



A hole must always be located on the vertical axis and at the top of the flange

STANDARD FLANGES

ND	ISO PN 6						ISO PN 10						ISO PN 16					
	D	C	B	Bolts			D	C	B	Bolts			D	C	B	Bolts		
40	130	100	14	4	12													
50	140	110	14	4	12													
(60)*							see ISO PN 25						see ISO PN 25					
65	160	130	14	4	12		see ISO PN 16						185	145	19	4	16	70
80**	190	150	19	4	16								200	160	19	8	16	70
100	210	170	19	4	16								220	180	19	8	16	70
125	240	200	19	8	16								250	210	19	8	16	70
150	265	225	19	8	16								285	240	23	8	20	80
(175)*	295	255	18	8	16								315	270	23	8	20	80
200	320	280	19	8	16								340	295	23	12	20	80
250***	375	335	19	12	16		395	350	23	12	20	80	405	355	28	12	24	100
300***	440	395	23	12	20		445	400	23	12	20	80	460	410	28	12	24	100
350	490	445	23	12	20		505	460	23	16	20	80	520	470	28	16	24	100
400	540	495	23	16	20		565	515	28	16	24	100	580	525	31	16	27	110
450	595	550	23	16	20		615	565	28	20	24	100	640	585	31	20	27	110
500	645	600	23	20	20		670	620	28	20	24	100	715	650	34	20	30	130
600	755	705	28	20	24		780	725	31	20	27	110	840	770	37	20	33	140
700	860	810	28	24	24		895	840	31	24	27		910	840	37	24	33	
800	975	920	31	24	27		1015	950	34	24	30		1026	950	40	24	36	
900	1075	1020	31	24	27		1115	1050	34	28	30		1125	1050	40	28	36	
1000	1175	1120	31	28	27		1230	1160	37	28	33		1255	1170	43	28	39	
1200	-	-	-	-	-		1455	1380	41	32	36		1485	1390	50	32	45	

* For reference - compliant with previous standards.

** 4-hole drilling is retained for a transitional period.

*** For SG cast iron flanges, the dimension D is the same for ISO PN 10 and ISO PN 16: 400 for ND 250, 455 for ND 300.

STANDARD FLANGES

ND	ISO PN 25						ISO PN 40						Ville de Paris					
	D	C	B	Bolts N°	Ø	L	D	C	B	Bolts N°	Ø	D	C	B	Bolts N°	Ø		
40	150	110	19	4	16	70	150	110	19	4	16	176	125	18	3	16		
50	165	125	19	4	16	70	165	125	19	4	16	188	147	18	3	16		
(60)*	175	135	19	8	16	70	175	135	19	8	16	210	165	21	3	18		
65	185	145	19	8	16	70	185	145	19	8	16							
80**	200	160	19	8	16	70	200	160	19	8	16	230	185	21	3	18		
100	235	190	23	8	20	80	235	190	23	8	20	250	205	21	4	18		
125	270	220	28	8	24	100	270	220	28	8	24	279	232	21	4	18		
150	300	250	28	8	24	100	300	250	28	8	24	306	257	21	6	18		
(175)*	330	280	28	12	24	100	350	295	30	12	27	338	287	21	6	18		
200	360	310	28	12	24	100	375	320	31	12	27	358	306	21	6	18		
250***	425	370	31	12	27	110	450	385	31	12	30	411	358	21	6	18		
300***	485	430	31	16	27	110	515	450	34	16	30	474	418	21	8	18		
350	555	490	34	16	30	130	580	510	37	16	33	528	468	24	10	20		
400	620	550	37	16	33	140	660	585	40	16	36	582	522	24	10	20		
450	670	600	37	20	33	140	685	610	40	20	36	632	572	24	10	20		
500	730	660	37	20	33	140	755	670	43	20	39	682	622	24	12	20		
600	845	770	40	20	36	140	890	795	49	20	45	782	726	24	16	20		
700	960	875	43	24	39													
800	1085	990	49	24	45													
900	1185	1090	49	28	45													
1000	1320	1210	56	28	52													
1200	1530	1420	56	32	52													

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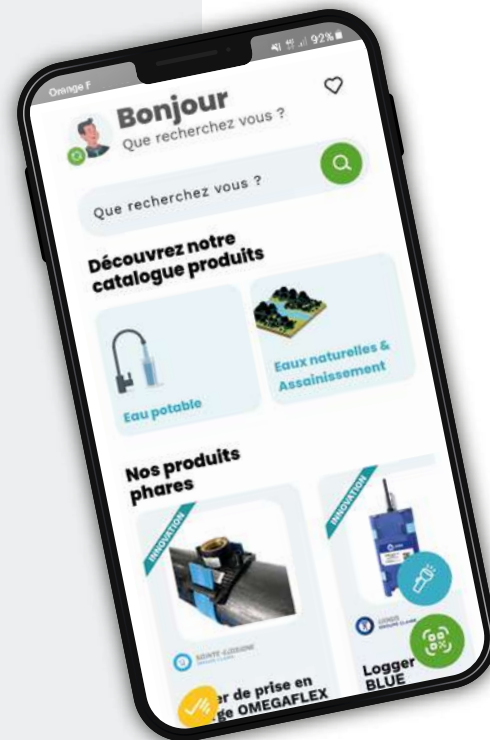
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