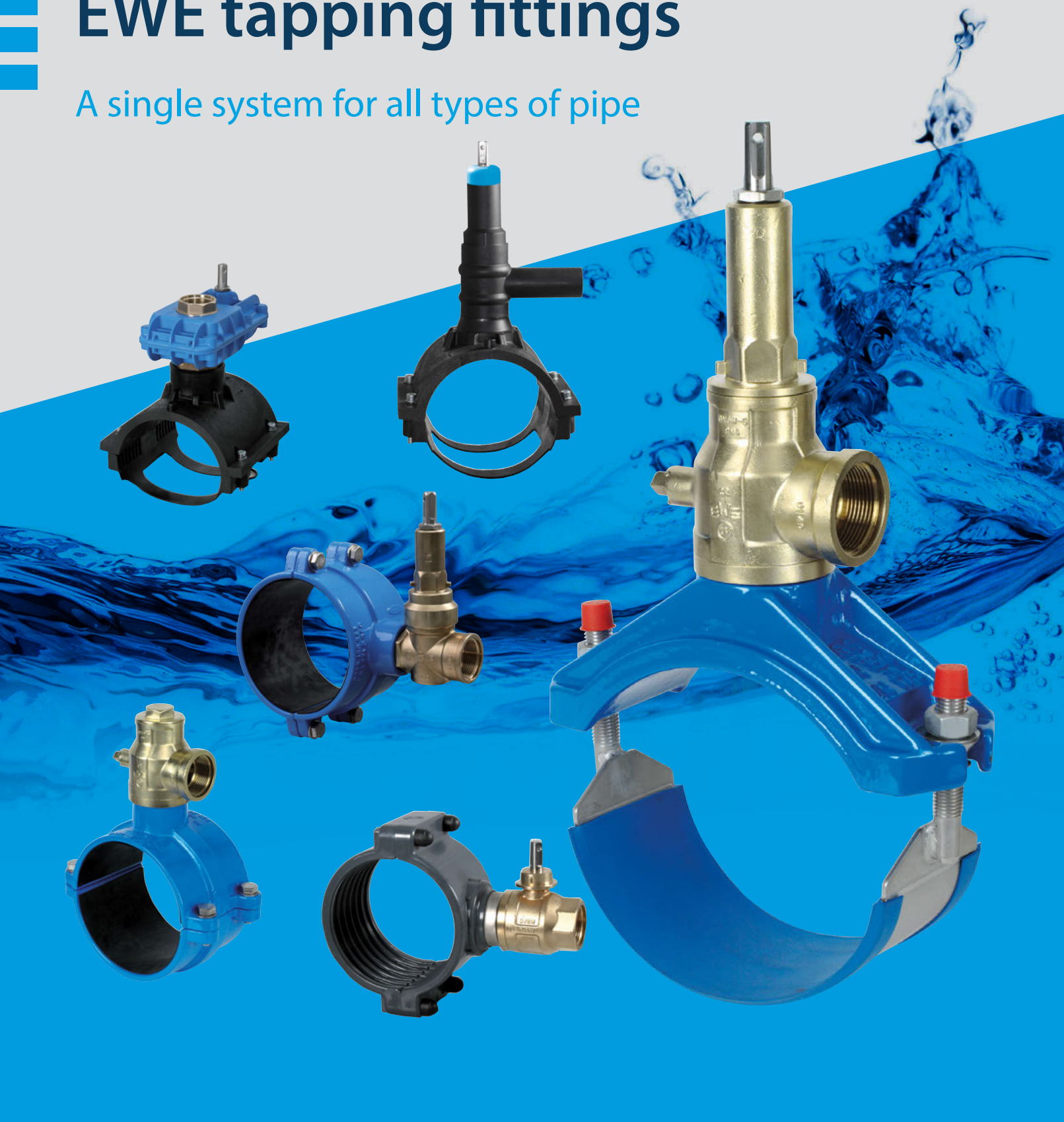
EWE ARMATUREN

Tried and tested.

EWE tapping fittings

A single system for all types of pipe



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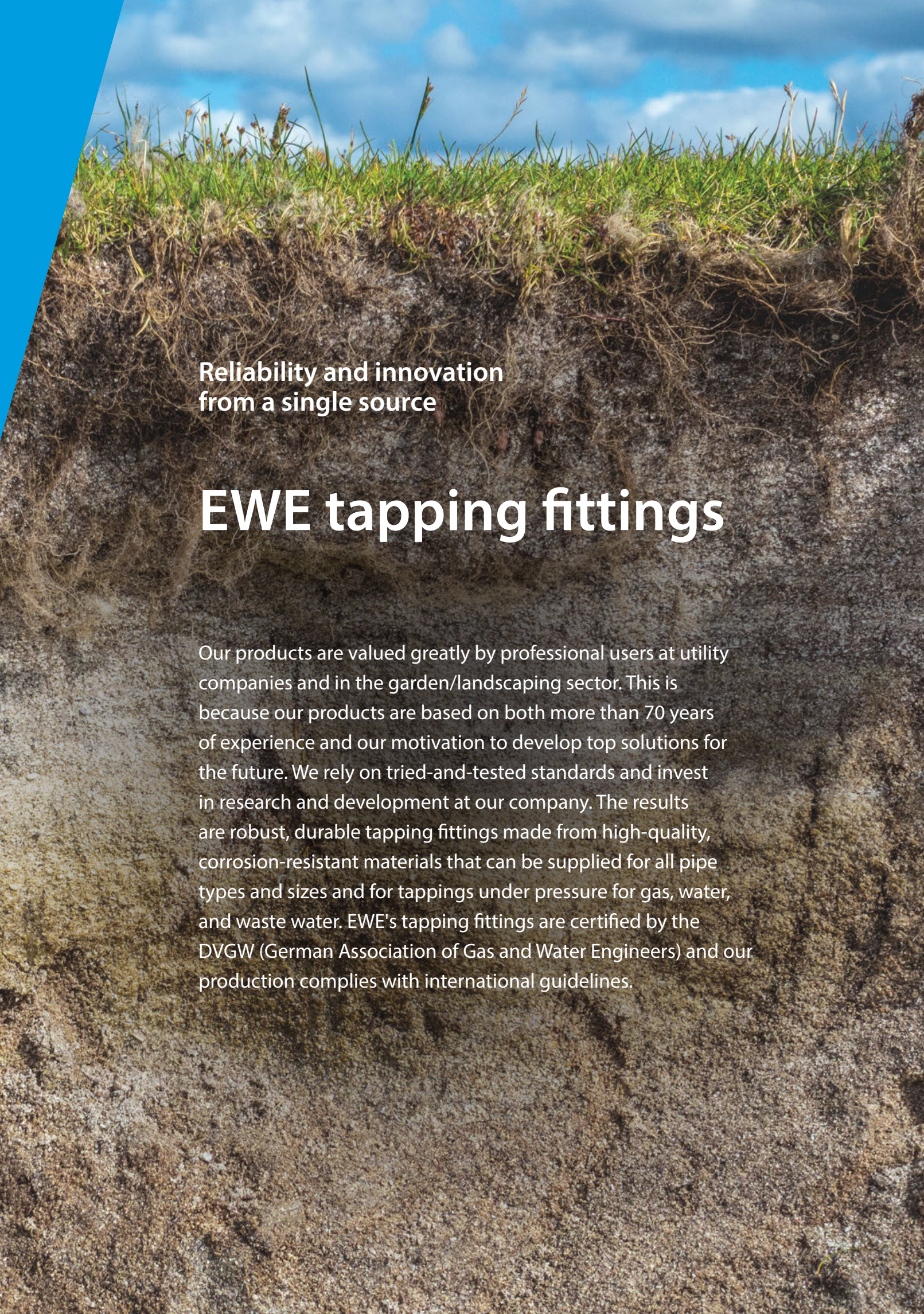


Reliability and innovation from a single source

EWE tapping fittings

Our products are valued greatly by professional users at utility companies and in the garden/landscaping sector. This is because our products are based on both more than 70 years of experience and our motivation to develop top solutions for the future. We rely on tried-and-tested standards and invest in research and development at our company. The results are robust, durable tapping fittings made from high-quality, corrosion-resistant materials that can be supplied for all pipe types and sizes and for tappings under pressure for gas, water, and waste water. EWE's tapping fittings are certified by the DVGW (German Association of Gas and Water Engineers) and our production complies with international guidelines.



EWE tapping system

Our tapping system offers outstanding solutions for all problems in the pipe trench field. It impresses users with its extremely high technical standards. The EWE tapping system has been developed and perfected by experts over decades. You, too, can benefit from reduced costs along with perfect accuracy of component fit and a high functional reliability.



Tapping fittings:

- are used to connect house connection pipes;
- are pipeline accessory parts which permit the tapping of water, gas, and waste water pipes under pressure;
- do not require the shutting down of the supply line and enable any swarf formed during the process to be flushed out at the same time.

Modular construction principle

- The EWE tapping system offers a wide variety of connection possibilities for the most diverse of pipe materials and designs.
- Thanks to the flexible modular system, we can offer a wide range of models.
- This ensures fast availability as well as comprehensive system expertise.
- With our perfectly tailored system, we are optimally prepared to meet your diverse requirements.
- Products can be easily combined and are supplied pre-assembled.



Advantages of top tapping

- Small head access hole possible
- Easy installation and tapping
- Venting of supply line ensured via house connection

Angle valve



Ball valve



Ball fitting



Advantages of side tapping

- Main line and connecting line can be laid at one level
- No reduction in cover depth of outgoing line
- Easy-to-prepare pipe bedding

Ball cock



Piston valve



Tapping valves

Added flexibility due to double seal: The special feature of all EWE tapping fittings is the connection between the connection piece and tapping valve. All EWE tapping fittings are sealed both radially and axially with 2 O-rings at this point. This double O-ring seal between the connection piece and tapping valve enables the tapping valve to rotate through 45° on both sides. Our fittings are supplied in lead-free silicon brass.



Tapping valves

Valve tapping fittings

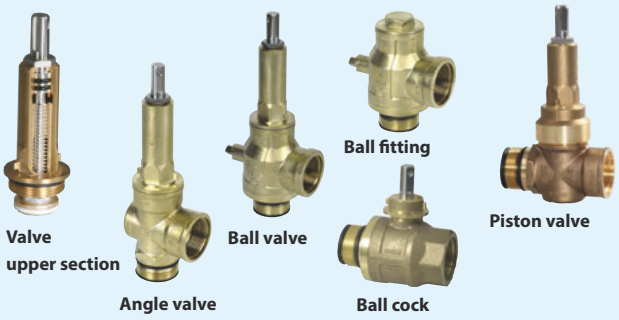
- For water
- For top tapping, with operating shut-off
- For external auxiliary shut-off
- Housing and upper section made from lead-free silicon brass
- Non-rising stainless steel stem with round thread
- Non-return-flow valve cone, conically sealing

Ball valve tapping fittings and ball tapping fittings

- For water or gas
- For top tapping, with or without operating shut-off
- With integrated auxiliary shut-off using ball shut-off with Teflon seal
- Non-rising stainless steel stem with round thread
- Non-return-flow valve cone, conically sealing

Ball cock and piston valve tapping fittings

- For water or gas (piston valve only for water)
- For side tapping
- With operating or auxiliary shut-off for ball cock tapping fittings using A4 stainless steel ball shut-off with Teflon seal and for piston valve tapping fittings using EPDM rubber piston
- Non-rising stainless steel stem



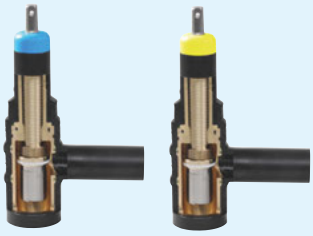
Ceramic tapping fitting (KERA)

- For water
- Ceramic disc fitting for top tapping with operating and auxiliary shut-off using four ceramic discs
- Fibreglass-reinforced composite housing
- Upper section with internal thread for connection of angle fitting
- Stainless steel ceramic disc guide and control stem
- Actuating elements and sealing surfaces untouched by medium



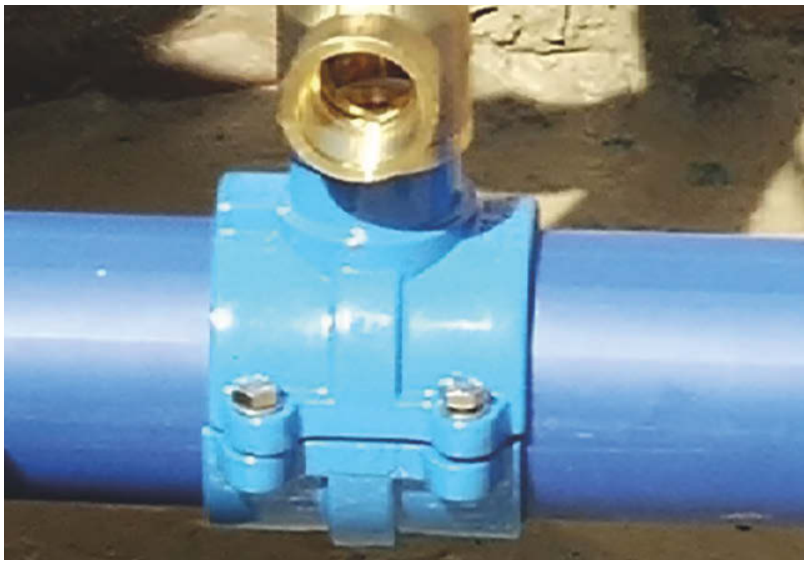
Multi pressure tapping valve (DAV)

- For water or gas
- For top tapping, with operating shut-off
- Only for PE pipes, with integrated thread tapper made from A4 duplex stainless steel
- Fitting complete with compact PE 100 sheathing
- Outlet with PE connection, d 32 or 40 mm
- Optionally with PE welded sleeve for house connection pipe dimensions: d 32 mm, 40 mm, 50 mm, 63 mm



Connection pieces and clamps

Make the right choice: The supply line material is a decisive factor when choosing the type of connection. The nominal width and tapping diameter also influence this choice. The connection consists of the screwed connection of the connection piece and clamp around the pipe.



Asbestos/cast/steel tapping sleeve (AGS)

- For water or gas
- For asbestos cement, cast iron, and steel pipes, available for pipes with nominal widths of DN 50 to DN 500
- SGCI connection piece, A4 stainless steel securing strap and nuts



PVC tapping bridge

- For water
- For PVC pipes (can also be used for PE pipes when fitted with PE sleeve), available for pipes with nominal widths of DN 50 to DN 150
- Hard PVC connection piece and clamp, stainless steel screws
- Fixed moulded seal



SGCI tapping bridge

- For water or gas
- For PVC pipes (can also be used for PE pipes when fitted with PE sleeve), available for pipes with nominal widths of DN 50 to DN 300
- SGCI connection piece and clamp, EPS-coated with rubber insert, stainless steel screws



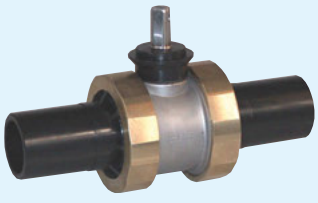
FRIALEN/ELGEF Plus welding systems

- For water or gas
- For PE pipes, available for pipe diameters of d 63 to d 315
- Electrofusion welding
- Connection piece and clamp made from 100% PE 100



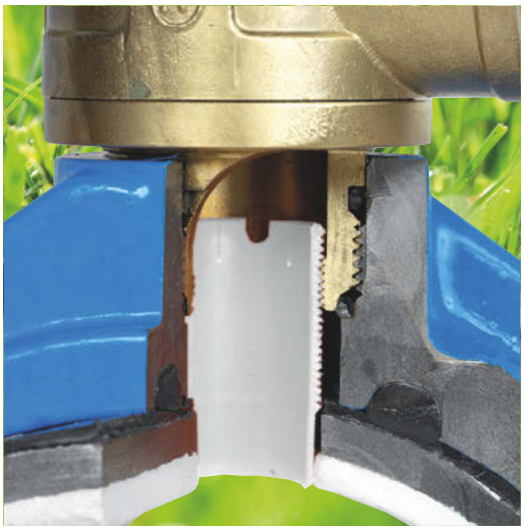
Waste water tapping fittings

- For side tapping, with operating and auxiliary shut-off
- For PVC, PE, and asbestos cement/ cast iron/steel waste water pressure lines in conjunction with the relevant tapping bridge
- A4 stainless steel housing and ball



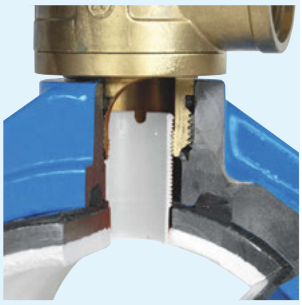
Sleeve technology

With our sleeve technology, you will no longer experience the irritating rotation or displacement of fitted tapping fittings on the main pipe. This is because the sleeves extend the shaft of the tapping fitting into the drill hole. A further advantage is that the sleeve technology protects the drill hole from incrustation in the case of metal pipes. Following tapping under pressure, the sleeves are fitted inside the tapping fitting using a sleeve fitting device in a really easy second assembly step. We offer EWE sleeve technology as an optional extra for our tapping fittings.



Drill hole sleeve

- For EWE tapping fittings
- Made from plastic, keeps the drill hole clear
- Prevents reduction of the drill hole through incrustation
- Easy to install under pressure with the special drill hole sleeve fitting device

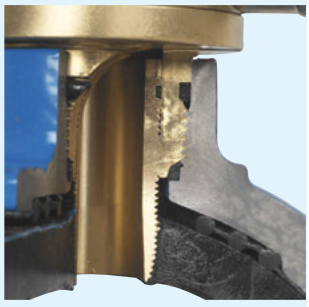






PE sleeve

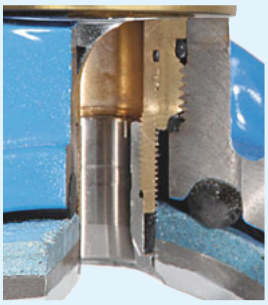
- For EWE tapping fittings
- Enables threaded tapping fittings used for PVC pipes to be used for PE pipes, too
- Tapered thread of sleeve cuts into drill hole of PE pipe
- Prevents PE pipe from "flowing away" from seal
- No welding required; installation can be carried out regardless of weather conditions
- Easy to install under pressure with the special drill hole sleeve fitting device





Drill hole sealing sleeve

- For EWE tapping fittings
- Provides a direct seal against the pipe wall in the drill hole, especially for cement-mortar-coated pipes but also for all other pipes
- Prevents reduction of drill holes through incrustation
- No need for time-consuming removal of outer layer and subsequent insulation of multilayer pipes
- No destruction of corrosion protection
- Easy to install under pressure with the special drill hole sealing sleeve fitting device







Tools and accessories

Make future tapping under pressure easier - with no need for additional special tools! Our perfectly tailored accessories and tools make many work steps easier. The EWE installation sets were developed for the subsurface installation of EWE tapping fittings. They fit really well, are extremely impact-resistant, and have a high resistance to rotting. Connection fittings and transition pieces complete our range of accessories.



Installation sets

Adjustable telescopic installation set
- Top flexibility thanks to stepless adjustment
- Hot-dip-galvanised steel or stainless steel wrench rod
- Complete unit of wrench rod, sleeve tube, sealing washer, and grooved pin

Telescopic installation kit
- As for telescopic installation kit
- Sleeve tube and wrench rod can be quickly and easily extended thanks to modular principle
- All pipe cover depths can be realised

Wrench rod extension
- Suitable for EWE installation sets
- Eliminates need for earthwork, welding, and drilling



Connection fittings

PE screwed connections
- For drinking water
- Clamping connector for connection to PE pipes, made from silicon brass or polypropylene
- Rotating brass angle to enable flexible use

PE welded connections
- For drinking water or gas
- For all makes of weld sleeve, made from lead-free silicon brass

Angle welded sleeve, welded sleeve
- For drinking water, made from lead-free silicon brass



Tools and wrenches

Tapping tools for EWE tapping fittings:
- For the tapping of all types of pipe
- Direct connection to the EWE tapping fittings for dry tapping without gas leakage

Wrenches, adapters etc.:
- Additional tools for operating EWE tapping fittings such as service wrenches, ratchets, transition pieces, drill bits etc.



EWE – thoroughly tried and tested! Because we're a real team.







Our products are our passion. As a team consisting of both managers and employees, we prove that this isn't just a cliché. Quality and continuity form the basis for trusting teamwork. The dedication and skills of each individual allow us to look to the future with self-assurance. Our success is grounded in reliability and the honesty with which we treat our customers. This has made us into a leading supplier of high-quality fittings for the supply of gas and water and the disposal of waste water. And we're proud of it! We're also a 3rd-generation family company.



Blue Responsibility

Sustainable Water Technology





Production location: Germany

We produce our tapping fittings at our plant in Braunschweig. From design & development through production & quality control to sales & service, all of our processes are realised via one and the same site. This means that we can meet all requirements relating to safety, guidelines, permits, and quality checks at our site and from a single source.

Quality without compromise

DVGW certification and compliance with international guidelines are key when it comes to our fittings. All of our products are subjected to thorough checks and quality controls before being launched on the market. Our quality standards are based on a workforce trained to the highest standards, modern production facilities, and safety and environmental regulations. We use durable, robust materials such as dezincification-resistant brass and stainless steel. This allows us to ensure the quality and sustainability of our products. To protect the environment, we use innovative environmentally-friendly materials such as lead-free silicon brass.

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Issue date: 02/2025