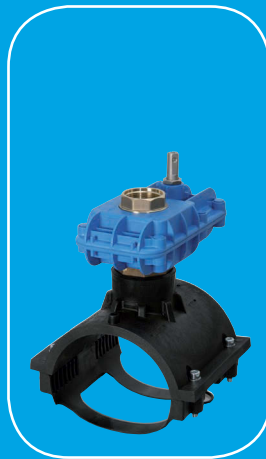




...thoroughly tried and tested!

EWE Tapping Valves

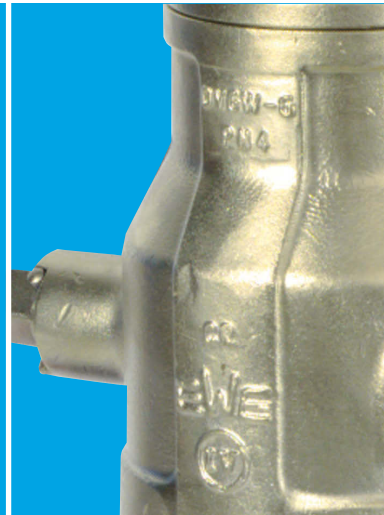
A single system for all types of pipes



EWE Tapping Fittings

high-quality products from Germany

EWE tapping fittings are the product of more than forty years' experience in the design and production of tapping fittings and accessories. EWE tapping fittings are available for all types and sizes of pipes and for tappings under pressure for gas, water and waste water. The key criteria underlying the manufacture of our fittings are DVGW (German Association of Gas and Water Engineers) certification and compliance with international guidelines. Simple, user-friendly tapping processes and standardised, purpose-designed and self-sealing tools are features our customers have come to take for granted over the years.



Performance Profile

Now in our third generation, we are a medium-sized, privately owned family business. Our experience extending over 70 years and our technical know-how have made us a leading supplier of high-quality fittings. Expertise, reliability, commitment and not least, continuity in the management and workforce form the basis of our success. Not only do we supply you with highquality, reliable fittings for operating your mains supply system, we can also supply you with the appropriate accessories. As a company specialising in the manufacture of house connection fittings for water, gas and waste water, we provide complete solutions tailored to meet your requirements.



Made in Germany

All the tapping fittings are manufactured in our Braunschweig factory from design and development to the manufacture and quality assurance right up to sales and service. This enables us to meet both the safety requirements laid down in standards, regulations, approvals and checks, as well as rigorous quality standards. Continuity of production of our fittings is guaranteed because everything comes from one source which ensures reliable service for you in terms of quality, functional reliability and delivery.



Quality without Compromise

The key features of our fittings are their DVGW certification and their compliance with international guidelines. New products are launched on the market only after exhaustive testing. A workforce trained to the highest standards, modern production facilities and compliance with safety and environmental regulations underpin our high quality standards. The superb quality and durability of our tapping fittings is guaranteed not least by the use of high-quality, robust materials such as brass, stainless steel, etc. We are also making increasing use of innovative, environmentally friendly materials in the manufacture of our tapping fittings, such as lead-free silicon brass which contributes to reducing the lead content in drinking water.

Silicon Brass

- is lead-free, thus meeting the requirements of the TrinkwV (German drinking water regulation) 2001 for the reduction of lead content in drinking water from the previous 0.025 mg/litre to the 0.01 mg/litre
- is very dezincification and corrosion-resistant, demonstrates high stability

Detailed information on: www.ewe-armaturen.de



Lead-free silicon brass

Blue Responsibility
Sustainable Water Technology



EWE Tapping System

a single system for all types of pipes

We are able to supply you, the end user, with a tapping system offering perfect solutions of an exceptionally high technical standard to all problems in the pipe trench field. The EWE tapping system has been developed and perfected over decades of use by specialists in the field. Reduced costs, perfect accuracy of fit of the components and a high functional reliability are just a few of the benefits that the EWE tapping system brings you.

EWE Tapping Fittings

Tapping fittings are used to connect house connection lines. They are pipeline accessory parts which permit the tapping of water, gas or waste pipes whilst the system is "under pressure" without shutting down the supply line, with any swarf formed in the process being flushed out at the same time.

The Modular Construction Principle

The EWE tapping system offers a wide choice of connection and connecting possibilities. Using the flexible modular system we have created a wide range of models. This means that there is not only rapid availability but also comprehensive system expertise. Solutions tailored to your technical needs can therefore be provided promptly and without any complications. Our perfectly coordinated system means we are best equipped and prepared to meet your many and various requirements. The products are easily combined and are supplied pre-assembled.

Top and Side Tapping:

Advantages of top tapping:

- small head access hole is possible
- installation and tapping are easy to carry out
- venting of supply line via house connection is guaranteed

Advantages of side tapping:

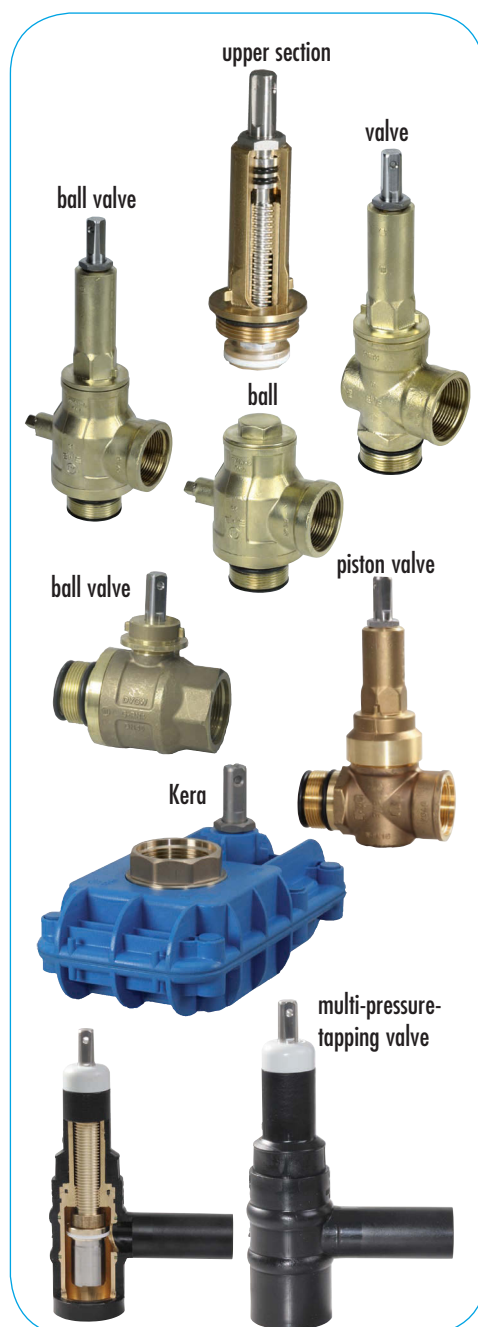
- the main line and connecting line can be laid at one level
- no reduction in pipe cover depth of the outgoing line
- pipe bedding is easy to prepare



ewe Tapping Valves

for all types of pipes and media

The connection between the connection piece and tapping valve is a special feature of the ewe tapping fittings. All ewe tapping fittings are sealed at this point both radially and axially with two O-rings. This double O-ring seal between the connection piece and tapping valve enables the tapping valve to rotate through 45° on both sides. All fittings are available in lead-free silicon brass.



Valve Tapping Fittings

- for top tapping with operating shut-off
- for external auxiliary shut-off
- housing and upper section available in lead-free silicon brass or chromium-plated
- with non-rising stainless steel stem with round thread
- non-return flow valve cone, conically sealing valve plate

Ball Valve Tapping Fittings and Ball Tapping Fittings

- for top tapping, with or without operating shut-off
- with integrated auxiliary shut-off by ball shut-off with Teflon seal
- non-rising stainless steel stem with round thread
- non-return flow valve cone, conically sealing

Ball Valve and Piston Valve Tapping Fittings

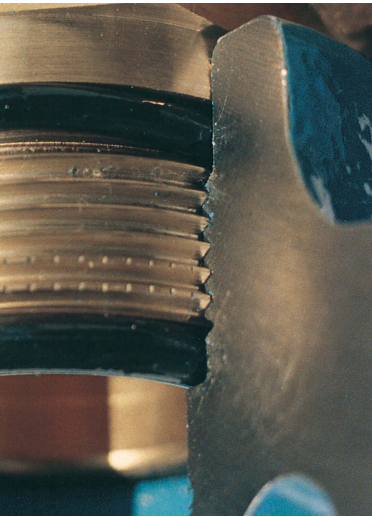
- for side tapping
- with operating and auxiliary shut-off by A4 stainless steel ball shut-off with Teflon seal for ball valve tapping fittings, and by rubber pistons made from EPDM for piston valve tapping fittings
- non-rising stainless steel stem

Kera Tapping Fitting

- ceramic disc fitting for upper tapping
- with operating shut-off and auxiliary shut-off by four ceramic discs
- fibreglass-reinforced composite plastic housing
- upper section with internal thread for connecting an angle fitting
- stainless steel ceramic disc guide and control spindle guides

Multi-Pressure-Tapping Valve (DAV)

- for top tapping with operating shut-off
- only for PE pipes, with integrated thread-tapper of A4-duplex stainless steel
- 360° variable outlet for optimum adaptation to the course of the house connection line
- fitting complete with compact PE 100 sheathing
- outlet with PE connection, d 40 mm
- optionally with PE-welded sleeve for house connection line dimensions: d 32 mm, 40 mm, 50 mm, 63 mm



EWE Connection Pieces and Clamps

the perfect connection to the supply line

The type of connection to the supply line depends mainly on the pipeline material and also on the nominal width and tapping diameter. The connection consists of the screwed connection of the connection piece and clamp around the pipe.

AGS Tapping Sleeve

- for water and gas
- for asbestos cement, cast-iron and steel pipes, available for pipes with nominal widths of DN 50 to DN 500
- nodular cast iron 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

GF Wedge Bridge made from PVC

- for water
- for PVC pipes, available for pipes of nominal widths of DN 80 to DN 200
- connection piece and clamp made from hard PVC, PVC clamping wedge, without screws
- grooved profile seal

Nodular Cast Iron Tapping Bridge

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

FRIALEN/ ELGEF Plus Welding Systems

- for water and gas
- available for PE pipes with diameters of d 63 to d 315
- resistance 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 and steel pipes waste water pressure lines
- A4 stainless steel housing and ball

AGS sleeve



PVC bridge



GF wedge bridge



nodular cast iron bridge



FRIALEN welding system



ELGEF Plus welding system



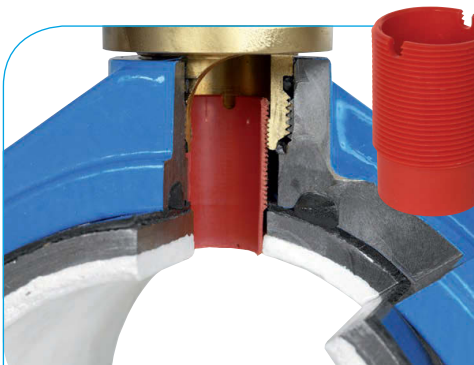
waste water



EWE Sleeve Systems

products you can rely on

EWE sleeve systems for use with the tapping fittings can be supplied if required. All the sleeves extend the axis of the tapping fitting into the drill hole, thereby preventing rotation or displacement of the fitted tapping fitting on the main pipe. They also protect the drill hole from incrustation where metal pipelines are used. After tapping under pressure has been completed, the sleeves are fitted into the tapping fitting in a second, very simple assembly operation using a sleeve fitting device.



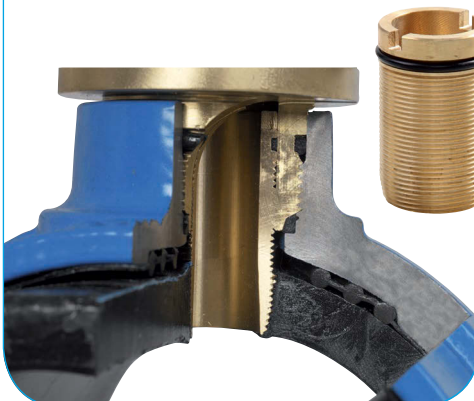
Drill Hole Sleeve

- for EWE tapping fittings
- used successfully for over 28 years
- made from plastic, keeps the drill hole clear
- prevents reduction of the drill hole diameter caused by incrustation
- easy to install under pressure with the specially designed drill hole sleeve fitting device



Drill Hole Sealing Sleeve

- for EWE tapping fittings
- used successfully for 22 years
- this sleeve provides a direct seal in the drill hole against the pipe wall especially with CMC (cement-mortar-coated) pipes, but also with all other pipes
- prevents the reduction of drill hole diameters caused by incrustation
- it eliminates the need for the time-consuming removal of the outer layer required with multilayer pipes and for subsequent insulation
- the corrosion protection is preserved
- easy to install under pressure with the specially designed fitting device for drill-hole sealing sleeves



PE Sleeve

- for EWE tapping fittings
- used successfully for 25 years
- this sleeve enables threaded tapping fittings used for PVC pipes to be used for PE pipes as well
- the sleeve cuts into the drill hole of the PE pipe with its tapered thread
- a "flowing away" of the PE pipe from the seal is prevented
- no outlay for welding is required and installation can be carried out regardless of weather conditions
- easy to install under pressure with the specially designed drill hole sleeve fitting device

Detailed information on: www.ewe-armaturen.de



Tools and Accessories

Always the right tool for every job!

We supply accessories and tools which are perfectly matched to our range of tapping fittings. EWE tapping tools are an integral component of the tapping system and simplify tapping under pressure without additional special tools. EWE installation sets have been designed for subsurface installation for the operation of EWE tapping fittings. Their key advantages include accuracy of fit, impact resistance and resistance to rotting. Connection fittings and transition pieces for EWE-tapping fittings complete our range of accessories.

Installation Sets

Non-adjustable version:

- traditional installation set for operating underground fittings
- enamelled steel wrench rod, plastic sleeve tube
- different pipe cover depths available
- sealing washer to prevent the cavity from silting up from below

Telescopic installation set, adjustable:

- the set is infinitely variable, ensuring maximum flexibility
- 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 set
- sleeve tube and wrench rod can be quickly and easily extended thanks to the modular construction system used
- all pipe cover depths can be realised

Wrench rod extension

- suitable for EWE installation sets
- eliminates the need for earthwork, welding or drilling

Connection Fittings

PE-screwed connections:

- for drinking water and gas
- clamping connector for connection to PE pipes, made from lead-free silicon brass or polypropylene
- rotating brass angle for flexible use

PE-welded connections:

- for drinking water and gas
- for all makes of welded sleeves, made from lead-free silicon brass

Angle Welded Sleeve

- e.g. as accessory for the Kera tapping fitting

Tools and Wrenches

Tapping tools for EWE tapping fittings:

- for tapping all types of pipes
- direct connection to the EWE tapping fittings for dry tapping without gas leakage

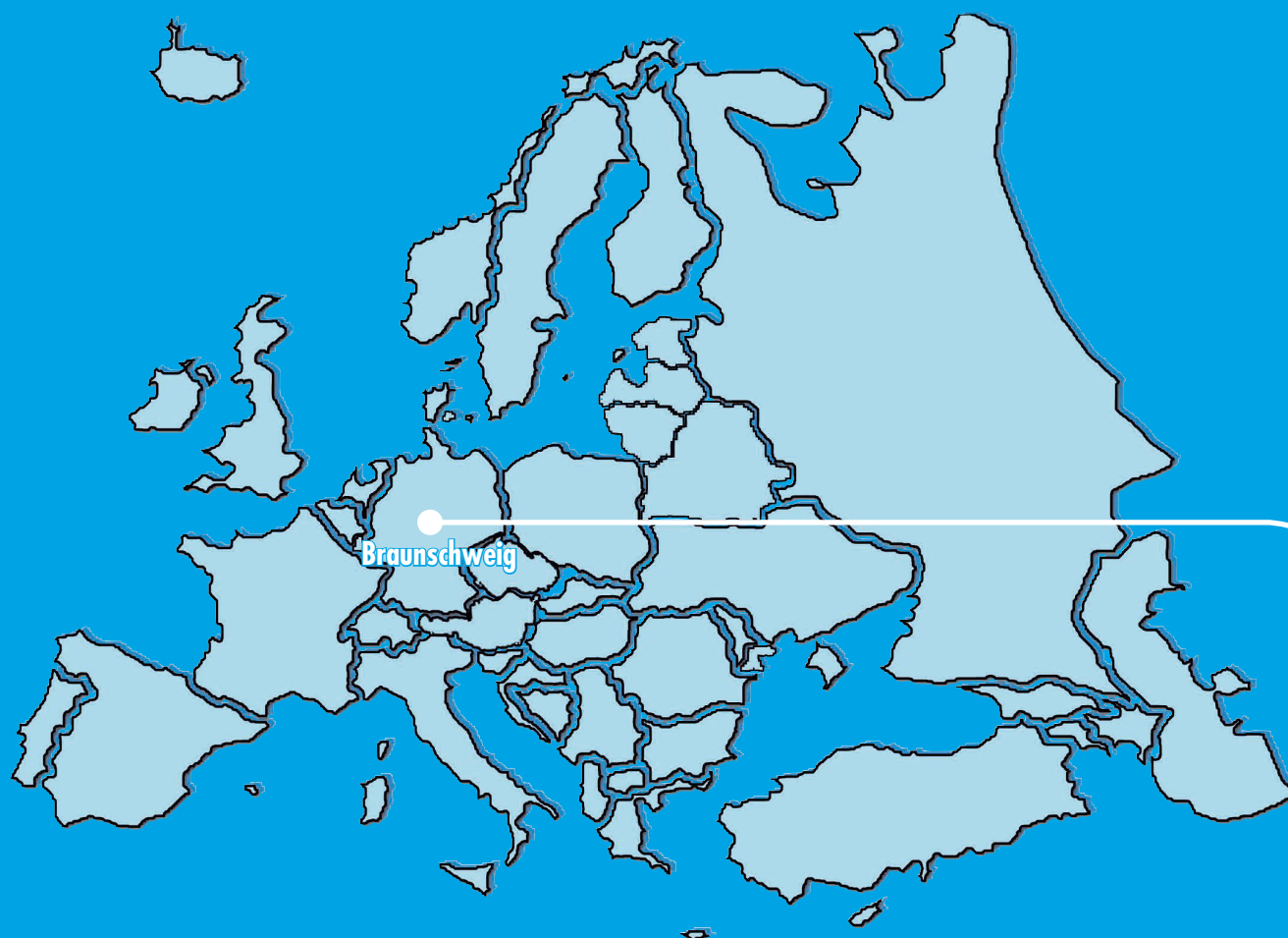
Wrenches, adapters etc.:

- additional tools for operating EWE fittings such as service wrenches, ratchets, transition pieces, drill bits etc.

Detailed information on: www.ewe-armaturen.de



model
2016



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