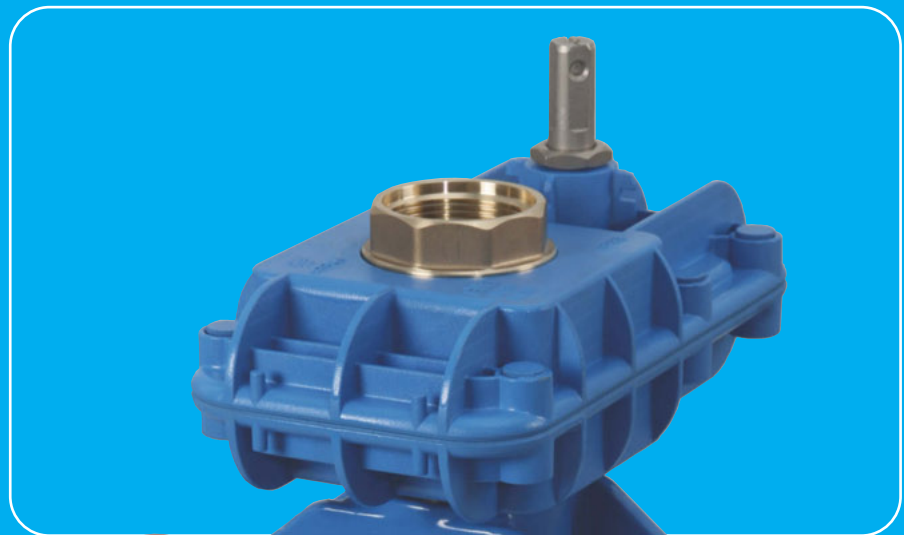




...thoroughly tried an tested!

# EWE-Kera-Tapping Fitting

*Our new member in the EWE tapping system.  
Ceramic shut-off devices for the highest standards.*



## The fitting

### New member in the EWE tapping system

EWE tapping fittings are the result of more than forty years experience in the field of design and production of tapping fittings and accessories. Our tapping system provides excellent solutions for all problems in pipe trenches and it convinces with its extraordinary high technical standard. The EWE tapping system was developed by experts in decades of service and perfected by continuous further product development. It is our aim not only to fulfil the continuously increasing demands of fitting construction but also to face the grown demands and to set new standards. While our conventional range of products comprises metallic or soft sealing tapping brass alloy fittings, in the EWE-Kera tapping fitting for the first time we used the material ceramic which has already been utilized a million times by the sanitary industry.

### What are the benefits of the material?

Ceramic-lined equipment has already been manufactured on an industrial scale and used as wear protection in pumps, fittings and pipes for more than 80 years. Especially in areas where various kinds of stresses coincide, e.g. abrasion and corrosion, ceramic has proven very useful. There are little or no changes of the material under the influence of high pressure, mechanical stress or extreme temperatures. Ceramic is mainly characterised by its high hardness and wear resistance as well as good corrosion and temperature resistance and it is particularly suitable for the use in sliding and sealing elements in pump and fitting manufacture. Furthermore, the extremely smooth low friction surface of our ceramic prevents the agglomeration of microorganisms and contributes to drinking water supply hygiene this way.



### Technical features

- ceramic disc fitting for upper tapping
- with operating shut-off and auxiliary shut-off via four ceramic discs
- glass-fibre reinforced composite plastic housing
- lead-free silicon brass threaded connections
- upper part with internal thread for connecting an angle fitting
- stainless steel ceramic disc guide and actuating spindle
- dead space free and smooth operation as there is no contact between drive and medium
- completely smooth passage
- suitable for the EWE sleeve system



### The shut-off principle

- operating shut-off and auxiliary shut-off of the fittings with four ceramic discs
- **The extremely smooth surface structure of the ceramic discs ensures high tightness of the fitting; an additional sealing between the ceramic discs is not necessary**
- The ceramic shut-off unit is fixed between the upper and lower part of the fitting
- The ceramic discs are actuated via the stainless steel spindle
- The parallel displacement of the ceramic discs located on top of each other causes a user-friendly closing process of 90°
- When open, the sealing surfaces are located in an area that has no contact with the medium, so the ceramic surfaces are kept free from deposits

### The material

- particularly resistant to wear, corrosion and high temperatures
- exceptionally age-resistant and long-lasting
- high density and good sliding properties thanks to particularly smooth surface structure
- particularly hygienic due to this surface structure

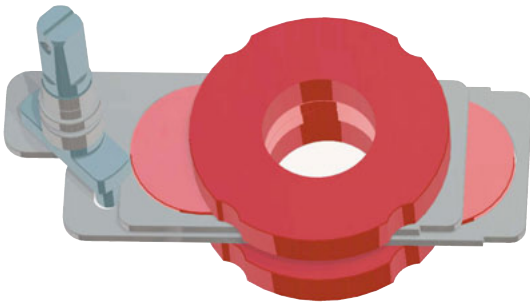
For more detailed information please visit our website on: [www.ewe-armaturen.de](http://www.ewe-armaturen.de)

## Modular design principle

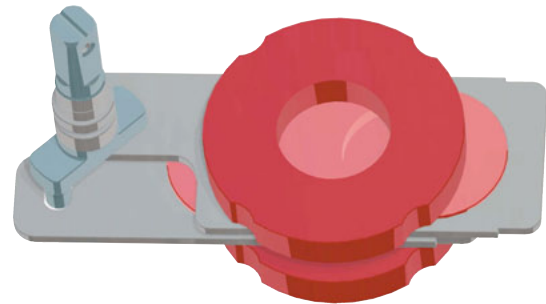
### Connection options

The new EWE tapping system provides an extensive range of connection options to various kinds of pipe materials and designs. The flexible modular system enables us to offer a wide range of models. Not only does this ensure fast availability but also a comprehensive system competence. This way we can realise solutions tailored to your technical requirements promptly and easily. We are optimally prepared to meet a wide range of requirements with this perfectly coordinated system. These products can be easily combined and are supplied fully assembled.

### Open ceramic discs



### Closed ceramic discs



### AGS tapping sleeve

- for water and gas
- for AC, cast iron and steel pipes, available for nominal pipe diameters DN 50 to DN 500
- GGG connection piece, A4 stainless steel retaining strap and nuts

### GGG tapping bridge

- for water
- available for PVC pipes, for nominal pipe widths DN 80 to DN 200
- unplasticised PVC connection piece and clamp, PVC clamping wedges, without screws
- groove profile gasket

### FRIALEN/ELGEF Plus welding systems

- for water and gas
- for PE pipes, available for pipe diameters d 63 to d 315
- electrofusion welding
- connection piece and clamp entirely made of PE 100





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