

Compression fittings to tighten with matching clamping device (BRL-K774)



The fittings with compression ends are being used to make tensile connections in drinking water installations with a maximum working pressure of 1000 kPa and a maximum water temperature of 90°C. The connections can be made with stainless steel tubes according KIWA evaluation guideline BRL K762 and/or copper tubes according KIWA evaluation guideline BRL-K760 in the quality “halfhard” and “hard”.

The compression fittings are not suitable for hard or soft soldering during installation, because of the risk of corrosion and the lack of a capillary gap. The compression fittings are suitable for making a screw connection with brass and red copper fittings without the risk of contact corrosion.

Remark

The compressed connection shall be made with a prescribed clamping device, of which the clamping jaws match with the fitting diameter. The sealing is established with a special rubber O-ring. These O-rings are incorporated in the fitting as supplied. Only original, by the fitting manufacturer supplied, O-rings shall be used. Tightening of the joint creates a slight flat indentation in the compression fitting. Some types of compression fittings consist of several parts, which are welded or brazed to form one compression fitting. The mentioned joining techniques are always factory made.

The Kiwa Water Mark is needed when you, as a producer or supplier, want to profile yourself on the market with products that meet all requirements: all functional requirements as well as all legal hygienic requirements specified in the “Materials and chemicals in the supply of drinking water and warm tap water Regulation” of the Dutch government.

Steps to obtain a certificate with the Kiwa Water Mark are:

1. Fill in an application form and send it to Kiwa (application form is located on the right side);
2. Kiwa sends a quotation, which is at the same time a concept-agreement, drawn up according to the requirements of the guideline;
3. After mutual signing of the quotation, the agreement is definitive and the initial audit can start;
4. After positive results of the initial audit, the certificate will be issued;

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5. The certificate is valid indefinitely;

6. A part of the agreement is periodic audits.

Important aspects of the initial audit (steps 3 and 4) include:

a. Testing with regard to the product and/or performance requirements. Testing, often carried out in our own laboratories, demonstrates that the product meets the certification requirements for functional and hygienic aspects, such as durability, dimensions, composition of materials, etc.;

b. Assessment of the production process, quality system and internal quality control (IQC) scheme. To ascertain that the producer is continually able to manufacture products that meet the certification requirements.

The periodic audits aim at the maintenance of the management system, in order to maintain confidence that the producer is still able to manufacture products that meet the certification requirements. The periodic audits include functional and hygienic tests of the certified products. The audit frequency varies from product group to product group: in general, 2 to 4 times per year.

Conditions for the certification process are stated in the Kiwa Regulations for Certification and the General Terms and Conditions of Kiwa for the performance of orders.

You can obtain the guideline by sending an e-mail to NL.Info.DWI@kiwa.nl

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