Certificate

Product certificate

K-0224041-2

kiwa

Valid from 2026-08-15 Replaces K-0224041-1

Besco copper & bronze press fittings connectors

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Taizhou Double-Winners Copper Co., Ltd.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL K774 “Compression fittings to tighten with matching clamping device” 2019-10-02.

Which includes the requirements of EN 1254-7 “ Copper and copper alloys - Plumbing fittings - Part 7: Press fittings for use with metallic tubes” 2021- 06 -01

And the requirements of EN 1254-4 “Copper and copper alloys - Plumbing fittings - Part 4: Threaded fittings” 2021- 06 -01

Wim van Loon
Managing Director Nederland

Publication of this certificate is allowed.
Advice: consult www.kiwa.com in order to ensure that this certificate is still valid.

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20250801

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PRODUCT SPECIFICATION

The products are configured for clamping device with contour **V-profile.**

Code	Article	Dimension	
GP5270	Straight coupling	12 mm up to and including 54 mm	
GP5270S	Sleeve coupling	12 mm up to and including 54 mm	
GP5002	Bend 90º	12 mm up to and including 54 mm	
GP5001	Bend 90º i/a	12 mm up to and including 54 mm	
GP5041	Bend 45º	12 mm up to and including 54 mm	
GP5040	Bend 45 º i/a	12 mm up to and including 54 mm	
GP5240	Reducing Coupling	15 mm up to and including 54 mm	
GP5243	Fitting Reducer	15 mm up to and including 54 mm	
GP5130	Equal Tee	12 mm up to and including 54 mm	
GP5130	Reducing Tee	15 mm up to and including 54 mm	
GP5301	Cap End	12 mm up to and including 54 mm	
GP5085	Full crossover	15 mm up to and including 22 mm	
GP5086	Part Crossover	15 mm up to and including 22 mm	
GP4090	Elbow 90º female	15 mm up to and including 54 mm	Female thread configuration Rp1/2; Rp3/4; Rp1”; Rp11/4; Rp11/2; Rp2”
GP4092	Elbow 90º male	15 mm up to and including 54 mm	Male Thread configuration R1/2; R3/4; R1”; R11/4; R11/2; R2”
GP4471	Wallplate Elbow	15 mm up to and including 22 mm	Female thread configuration Rp1/2; Rp3/4
GP4270	Female Adaptor	15 mm up to and including 54 mm	Female thread configuration Rp1/2; Rp3/4; Rp1”; Rp11/4; Rp11/2; Rp2”
GP4243	Male Adaptor	15 mm up to and including 54 mm	Male thread configuration R1/2; R3/4; R1”; R11/4; R11/2; R2”
GP4130	Threaded Tee	15 mm up to and including 54 mm	Female thread configuration Rp1/2; Rp3/4
GP4355	Tap Connector	15 mm up to and including 28 mm	Female thread configuration Rp1/2; Rp3/4; Rp1”; Rp11/4
GP4331	Straight Union	15 mm up to and including 28 mm	Female thread configuration G1/2; G3/4; G1”; G11/4
GP4330	Straight Union	12 mm up to and including 28 mm	
GP4281	Female Adaptor	15 mm up to and including 28 mm	Female thread configuration G1/2; G3/4; G1”
GP4280	Male Adaptor	15 mm up to and including 28 mm	Male thread configuration R1/2; R3/4; R1”
GP4976	Mounting unit	15 x 1/2" x 150 Fl	Female thread configuration Rp1/2
GP4977	Mounting unit	15 x 1/2" x 100 Fl	Female thread configuration Rp1/2
GP4977	Mounting unit	15 x 1/2" x 150 Fl	Female thread configuration Rp1/2

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The products are configured for clamping device with contour **M-profile.**

Code	Article	Dimension	
68000	Straight Coupling	12 mm up to and including 108 mm	
68040	Sleeve Coupling	12 mm up to and including 54 mm	
68200	Bend 90°	12 mm up to and including 108 mm	
68210	Bend 90° i/a	12 mm up to and including 108 mm	
68230	Bend 45°	12 mm up to and including 108 mm	
68240	Bend 45° i/a	12 mm up to and including 108 mm	
68030	Reducing Coupling	15 mm up to and including 54 mm	
68430	Fitting Reducer	15 mm up to and including 108 mm	
68100	Equal Tee	15 mm up to and including 54 mm	
68110	Reducing Tee	15 mm up to and including 108 mm	
68410	Cap End	12 mm up to and including 76 mm	
68350	Full Crossover	12 mm up to and including 22 mm	
68360	Partial Crossover	12 mm up to and including 22 mm	
68320	Elbow 90° Female		
68310	Elbow 90 ° Male	15 mm up to and including 28 mm	Female thread configuration Rp1/2; Rp3/4; Rp1”
68340	Wall plate Elbow	12 mm up to and including 76 mm	Male thread configuration R1/2; R3/4; R1”
68020	Female Adaptor	12 mm up to and including 76 mm	Female thread configuration Rp1/2; Rp3/4
68010	Male Adaptor	12 mm up to and including 54 mm	Female thread configuration Rp1/2; Rp3/4; Rp1; RP1 1/4; Rp1 ½; Rp 2 ‘
68120	Female Tee	12 mm up to and including 76 mm	Male thread configuration R1/2; R3/4; R1; R1 1/4; R1 ½; R 2 ‘
63590	Tap Connector	12 mm up to and including 54 mm	Female thread configuration Rp1/2; Rp3/4; Rp1; RP1 1/4; Rp1 ½; Rp 2 ‘
68080	Straight Union MI	15 mm up to and including 35 mm	Female thread configuration Rp1/2; Rp3/4; Rp1; RP1 1/4; Rp1 ½ ‘
68091	Straight Union P x P	15 mm up to and including 54 mm	Male thread configuration R 1/2; R 3/4; R 1; R 1 1/4; R 1 ½ ; R 2 ‘
62460	Female Adaptor FI	15 mm up to and including 54 mm	
62800	Male adaptor MI	15 mm up to and including 22 mm	Female thread configuration Rp1/2; Rp3/4 ‘
		15 mm up to and including 22 mm	Male thread configuration R 1/2; R 3/4 ‘

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Fitness for contact with drinking water
These products are approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" (“Materials and chemicals in the supply of drinking water and warm tap water Regulation” dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The products shall permanently comply with:
- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed ‘appendix hygienic aspects’ to this certificate.

MARKING
The products are marked with the word mark “KIWA” or the abbreviated word mark KK *.
Place of the mark: on the fitting

*) for very small fittings marking with only KK is permitted

Compulsory specifications:
- On the fitting: name or mark of manufacturer;
- On the fitting: outer diameter of the connecting pipe;
- On the fitting: product code, on the fitting or on the packaging;
- On the fitting: Reference to the corresponding European standard.

The marking can also be applied on the package. The smallest packaging unit of the fittings (maximum of 20 pieces per package) shall be provided with at least the following information:
- the word mark “KIWA;
- manufacturer’s name or trade name;
- nominal diameter.

Packaging:
The fittings shall be delivered in a packaging unit with a maximum of 20 pieces per package. The package shall be completely sealed and protected against the penetration of moisture.

Method of marking:
Non-erasable;
visible after assembly.

APPLICATION AND USE
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 “half-hard” and “hard”. These fittings are not suited to be soldered during installation due to the risk of corrosion and the lack of a capillary gap. The fittings may only be used with the manufacturer recommended tightening apparatus.

RECOMMENDATIONS FOR THE CUSTOMERS
Check at the time of delivery whether:
- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:
- Taizhou Double Winners Copper Co., Ltd.

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and, if necessary,

- Kiwa Nederland B.V.

Consult the supplier’s processing guidelines for the proper storage and transport methods.