

## Product certificate K6237/05

Issued 2014-07-15

Replaces K6237/04

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## Compression fittings for joints for copper pipes

### STATEMENT BY KIWA

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

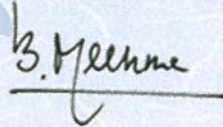
### General Fittings S.r.l.

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-K639/03 “Compression fittings for joints for copper pipes”.**

which covers the requirements of

**EN 1254-2, 1998: “Copper and copper alloys – Plumbing fittings – Part 4: Fittings with compression ends for use with copper tubes”.**



Bouke Meekma  
Kiwa

Publication of the certificate is allowed.

Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.

### Supplier

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

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### Compression fittings for joints for copper pipes

#### PRODUCT SPECIFICATION

The products mentioned below belong to this certificate

#### Compression fittings, in the following types:

\* compression ends size 14 and 16 mm are meant for the Italian market only.

In case the type number ends on:

'K', the product is marked with the word mark KIWA and may only be used for drinking water appliances;

'G', the product is marked with the word mark KIWA and Kiwa-Gastec Qa-mark and may be used for drinking water and gas appliances.

#### 1800 series

##### 1. straight coupler; compress. x compress.

size	type number
10 x 10	1800H101000G
12 x 12	1800H121200G
14 x 14*	1800H141400G
15 x 15	1800H151500G
16 x 16*	1800H161600G
18 x 18	1800H181800G
22 x 22	1800H222200G
28 x 28	1800H282800G

##### 2. straight reducing coupler; male thread x compress.

Size	type number
R 3/8 x 10	180001H031000G
R 04 x 10	180001H041000G
G 3/8 x 12	1801H031200K
R 3/8 x 12	1801H031200G
G 3/8 x 15	1801H031500K
R 3/8 x 15	1801H031500G
G 1/2 x 12	1801H041200G
G 1/2 x 14*	1801H041400K
R 1/2 x 14*	1801H041400G
G 1/2 x 15	1801H041500K
R 1/2 x 15	1801H041500G
G 1/2 x 16*	1801H041600K
R 1/2 x 16*	1801H041600G
G 1/2 x 18	1801H041800K
R 1/2 x 18	1801H041800G
G 1/2 x 22	1801H042200K
R 1/2 x 22	1801H042200G
G 3/4 x 14*	1801H051400K
G 3/4 x 15	1801H051500K
R 3/4 x 15	1801H051500G
G 3/4 x 16*	1801H051600G
R 3/4 x 16*	1801H051600G
G 3/4 x 18	1801H051800K
R 3/4 x 18	1801H051800G
G 3/4 x 22	1801H052200K
R 3/4 x 22	1801H052200G
G 1 x 22	1801H102200K
R 1 x 22	1801H102200G
G 1 x 28	1801H102800K
R 1 x 28	1801H102800G
Rp1 x 28	1802H102800G

##### 3. straight reducing coupler; female thread x compress.

size	type number
R3/8 x 10	1802H031000G
G3/8 x 12	1802H031200K
Rp3/8 x 12	1802H031200G
G 3/8 x 15	1802H031500K
Rp3/8 x 15	1802H031500G
R1/2 x 10	1802H041000G
G 1/2 x 12	1802H041200K
Rp1/2 x 12	1802H041200G
Rp1/2 x 14*	1802H041400G
G 1/2 x 15	1802H041500K
Rp1/2 x 15	1802H041500G
Rp1/2 x 16*	1802H041600G
R 1/2 x 18	1802H041800G
G 1/2 x 22	1802H042200K
Rp1/2 x 22	1802H042200G
Rp3/4 x 14*	1802H051400G
G 3/4 x 15	1802H051500K
Rp3/4 x 15	1802H051500G
Rp3/4 x 16*	1802H051600G
G 3/4 x 18	1802H051800K
Rp 3/4 x 18	1802H051800G
G 3/4 x 22	1802H052200K
Rp3/4 x 22	1802H052200G
Rp 1 x 22	1802H102200G
Rp 1 x 28	1802E102800K

##### 4. straight reducing coupler; compress. x compress.

size	type number
12 x 10	1803H121001K en 00G
15 x 10	1803H151001K en 00G
15 x 12	1803H151200G
22 x 15	1803H221500G
28 x 22	1803H282200G

#### Tee

Tee, female thread x branch compress. x compress.

size	type number
G 1/2 x 15 x 15	1808H041515K
G 1/2 x 22 x 22	1808H042222K
Rp1/2 x 22 x 22	1808H042222G
G 3/4 x 22 x 22	1808H052222K

#### Tee, elbow, compress. x compress. x compress.

dimension	type number
15 x 15 x 15	1809H151515G
22 x 15 x 15	1809H221515G
22 x 22 x 15	1809H222215G
22 x 22 x 22	1809H222222G

## Compression fittings for joints for copper pipes

### Tee, compress. x compress. x compress.

size	type number
10 x 10 x 10	1810H101010G
12 x 12 x 12	1810H121212G
14 x 14 x 14*	1810E141414G
15 x 15 x 15	1810H151515G
16 x 16 x 16*	1810E161616G
18 x 18 x 18	1810E181818G
22 x 22 x 22	1810H222222G
28 x 28 x 28	1810H282828G

### Tee, reducing, compress. x compress. x compress.

size	type number
12 x 15 x 12	1813H121512G
15 x 12 x 12	1813H151212G
15 x 12 x 15	1813H151215G
15 x 15 x 12	1813H151512G
15 x 22 x 15	1813H152215G
18 x 15 x 18	1813E181518G
22 x 15 x 15	1813H221515G
22 x 15 x 22	1813H221522G
22 x 18 x 22	1813E221822G
22 x 22 x 15	1813H222215G
22 x 28 x 22	1813H222822G
28 x 15 x 22	1813H281522G
28 x 15 x 28	1813H281528G
28 x 22 x 15	1813H282215G
28 x 22 x 22	1813H282222G
28 x 22 x 28	1813H282228G
28 x 28 x 15	1813H282815G
28 x 28 x 22	1813H282822G

### Elbow (90°)

#### elbow, compress. X compress.

Size	type number
10 x 10	1820H101000G
12 x 12	1820H121200G
14 x 14	1820E141400G
15 x 15	1820H151500G
16 x 16	1820E161600G
18 x 18	1820E181800G
22 x 22	1820H222200G
28 x 28	1820H282800G

#### elbow, female thread x compress.

size	type number
Rp3/8 x 12	1822H031200G
G 3/8 x 15	1822H031500K
Rp 1/2 x 12	1822H041200G
Rp 3/4 x 12	1822H051200G
Rp 1/2 x 14	1822H041400G
Rp 3/4 x 14	1822H051400G
Rp 1/2 x 15	1822H041500G
Rp 1/2 x 16	1822H041600G
Rp 3/4 x 16	1822H051600G
G 1/2 x 18	1822H041800G
G 1/2 x 22	1822H042200K
G 3/4 x 15	1822H051500K
Rp 3/4 x 15	1822H051500G
G 3/4 x 18	1822E051800K
Rp 3/4 x 18	1822E051800G
Rp 3/4 x 22	1822H052200G
G 3/4 x 28	1822H052800K
G 1x 22	1822H102200K
Rp 1x 22	1822H102200G
Rp 1x 28	1822H102800G

### Tee, compress. x branch female thread x compress.

size	type number
12 x Rp1/2 x 15	1812H120412G
14 x Rp3/4 x 14	1812H140514G
15 x Rp1/2 x 15	1812H150215G
15 x G 3/8 x 15	1812H150315K
15 x Rp 3/8 x 15	1812H150315G
14 x G 1/2 x 14*	1812H140414G
15 x G 1/2 x 15	1812H150415K
15 x Rp1/2 x 15	1812H150415G
16 x Rp1/2 x 16	1812H160416G
16 x Rp3/4 x 16	1812H160516G
18 x Rp1/2 x 18	1812H180418G
18 x Rp3/4 x 18	1812H180518G
22 x Rp 1/2 x 22	1812H220422G
22 x G 3/4 x 22	1812H220522K
28 x G 1/2 x 28	1812H280428K
28 x G 3/4 x 28	1812H280528K

### Tee, male thread x branch compress. x compress.

size	type number
G 1/2 x 15 x 15	1817H041515K
R 1/2 x 15 x 15	1817H041515G
G 3/4 x 22 x 22	1817H052222K
R 3/4 x 22 x 22	1817H052222G
G 1 x 22 x 22	1817H102222K
R 1 x 22 x 22	1817H102222G
G 1 x 28 x 28	1817H102828K
R 1 x 28 x 28	1817H102828G

### elbow, male thread x compress.

Size	type number
G 3/8 x 12	1821H031200K
R 3/8 x 12	1821H031200G
G 1/2 x 12	1821H041200K
R 1/2 x 12	1821H041200G
R 3/4 x 12	18021H051200G
R 1/2 x 14	18021H041400G
R 3/4 x 14	18021H051400G
G 1 x 28	18021H102800K
G 1/2 x 15	1821H041500K
R 1/2 x 15	1821H041500G
G 3/4 x 15	1821H051500K
R 3/4 x 15	1821H051500G
R 1/2 x 16	18021H041600G
R 3/4 x 16	18021H051600G
R1/2 x 18	18021H041800G
R 3/4 x 18	18021H051800G
R1/2 x 22	18021H042200G
G 3/4 x 22	1821H052200K
R 3/4 x 22	1821H052200G
G 3/4 x 28	1821H052800K
R 3/4 x 28	1821H052800G
G 1 x 22	1821H102800K
R 1x 22	1821H102800G
G 1x 22	1821H102200K
R 1x 22	1821H102200G

### elbow, reducing, compress. x compress.

size	type number
10 x 12	1829H101200G
15 x 10	1829H151000G
15 x 12	1829H151200G
22 x 15	1829H221500G

## Compression fittings for joints for copper pipes

### Wall plate

wall plate, elbow, female thread x compress.

size	type number
G½ x 12	1823H041200K
Rp½ x 12	1823H041200G
G½ x 14	1823H041400K
Rp½ x 14	1823H41400G
G½ x 15	1823H041500K
G½ x 16	1823H041600K
Rp½ x 16	1823H041400G
G½ x 18	1823H041800K
G¾ x 15	1823H051500K
G¾ x 22	1823H052200K

wall plate, elbow, male thread x compress.

size	type number
R¾ x 15	18B2H051500K

### 1N00 series

#### Straight

straight reducing coupler; male thread x compress.

size	type number
3/8 x 12	1N0001H031200K
3/8 x 15	1N0001H031500K
½ x 12	1N0001H041200K
½ x 15	1N0001H041500K
½ x 22	1N0001H042200K
¾ x 15	1N0001H051500K
¾ x 22	1N0001H052200K
1 x 22	1N0001H102200K
1 x 28	1N0001H102800K

straight reducing coupler; female thread x compress.

size	type number
3/8 x 12	1N0002H031200K
3/8 x 15	1N0002H031500K
½ x 12	1N0002H041200K
½ x 15	1N0002H041500K
½ x 22	1N0002H042200K
¾ x 15	1N0002H051500K
¾ x 22	1N0002H052200K
1 x 28	1N0002H102800K

straight reducing coupler; compress. x compress.

size	type number
12 x 10	1N0003H121001K
15 x 10	1N0003H151001K

#### Tee

Tee, female thread x compress. x compress.

size	type number
½ x 15 x 15	1N0008H041515K
¾ x 22 x 22	1N0008H052222K

#### Tee

Tee, female thread x compress. x female thread

size	type number
3/8 x 15 x 3/8	1N00C2H031503K

Tee, compress. x female thread x compress.

size	type number
22 x ¾ x 22	1N0012H220522K
28 x ½ x 28	1N0012H280428K
28 x ¾ x 28	1N0012H280528K

Tee, male thread x compress. x compress.

Size	type number
½ x 15 x 15	1N0017H041515K

#### Elbow (90°)

elbow wallplate, female thread x compress.

size	type number
½ x 15	1N0023H041500K
¾ x 15	1N0023H051500K
¾ x 22	1N0023H052200K

#### Elbow (90°)

elbow, male thread x compress.

size	type number
½ x 12	1N0021H041200K
½ x 15	1N0021H041500K
¾ x 15	1N0021H051500K
¾ x 22	1N0021H052200K

elbow wallplate, male thread x compress.

size	type number
¾ x 15	1N00B2H051500K

elbow, female thread x compress.

size	type number
3/8 x 15	1N0022H031500K
½ x 22	1N0022H042200K
¾ x 15	1N0022H051500K
¾ x 28	1N0022H052800K

elbow reducer, thread x compress.

size	type number
15 x 10	1N0029H151000K

### Compression fittings for joints for copper pipes

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#### APPLICATION AND USE

The fittings with compression ends are being used to connect copper pipes, according to the Kiwa evaluation guideline BRL-K760, in tap water and gas installations and in heating installations. The tightening is achieved by a compression or cutting ring or forming of the tube at its end, without making use of soldering material or screw thread on the copper tube.

For the application in tap-water installations a maximum working pressure of 1000 kPa and a maximum water temperature of 90°C is applicable.

#### Toxicological requirements

##### Approval:



This product is approved on the basis of the requirements set in the "Regeling materialen en chemicaliën watervoorziening" (Regulation materials and chemicals drinking water and warm tap water supply"; published in the Government Gazette).

##### ATA criteria:

The ATA product certification is based on two main criteria. It shall permanently comply with:

- The product recipe approved during the assessment procedure. The recipe is laid down in the for confidentiality reasons undisclosed appendix ATA to certificate K6237. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa-ATA-approval procedure;
- Specific ATA-product requirements, laid down in appendix ATA to certificate K6237. For confidentiality reasons this appendix ATA is not public.

#### Marking

The Kiwa®-mark products are marked with the word mark "KIWA" together with  or the abbreviated word mark 

The fittings shall be provided with at least the following marks:

- markings as mentioned above;
- manufacturer's name, trade name or logo on the fitting and compression nut(s) ;
- nominal size on the compression nuts ;

##### Method of marking:

- non-erasable;
- visible after assembly

#### RECOMMENDATIONS FOR 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:

- General Fittings S.r.l.
- and, if necessary,
- Kiwa Nederland B.V.

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