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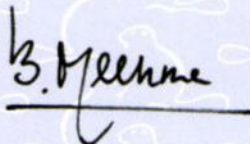
Product Certificate

Compression Fittings

Based on pre-certification tests as well as periodic inspections by Kiwa Gastec, the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

General Fittings SrL

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 35, for "compression fitting for joining copper pipes.", dated June 2005.



Bouke Meekma
Kiwa

This certificate is issued in accordance with the Regulations for Bearing the GASTEC QA quality label

This certificate consists of 4 pages.
Publication of the certificate is allowed.

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Compression Fittings

PRODUCT SPECIFICATION

Compression fittings provide with compression ring for connecting copper tubes with an outside diameter according GASTEC QA approval requirement nr. 5 (NEN-EN 1057), quality half hard:

1800.00

Straight compression fitting: 2xcompression; 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1800.03

Straight reducer compression fitting: 2xcompression; straight reducer 2 x compression: 10x12, 10x15, 12x15, 15x22, 22x28 mm

1800.01

Straight transition compression fitting: compression x conical outer thread: R3/8 x10, R3/8 x12, R3/8 x15, R $\frac{1}{2}$ x10, R $\frac{1}{2}$ x12, R $\frac{1}{2}$ x14*, R $\frac{1}{2}$ x15, R $\frac{1}{2}$ x16*, R $\frac{1}{2}$ x18*, R $\frac{1}{2}$ x22, R $\frac{3}{4}$ x14*, R $\frac{3}{4}$ x15, R $\frac{3}{4}$ x16*, R $\frac{3}{4}$ x18*, R $\frac{3}{4}$ x22, R $\frac{3}{4}$ x28, R1 x22, R1 x28 mm

1800.02

Straight transition compression fitting: compression x straight inner thread: Rp3/8 x10, Rp3/8 x12, Rp3/8 x15, Rp $\frac{1}{2}$ x10, Rp $\frac{1}{2}$ x12, Rp $\frac{1}{2}$ x14*, Rp $\frac{1}{2}$ x15, Rp $\frac{1}{2}$ x16*, Rp $\frac{1}{2}$ x18*, Rp $\frac{1}{2}$ x22, Rp $\frac{3}{4}$ x14*, Rp $\frac{3}{4}$ x15, Rp $\frac{3}{4}$ x16*, Rp $\frac{3}{4}$ x18*, Rp $\frac{3}{4}$ x22, Rp1x22, Rp1x28 mm

1800.40

End compression fitting: 12, 15, 18*, 22, 28 mm

1800.20

Knee compression fitting: 2xcompression: 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1800.29

Knee transition compression fitting: 2xcompression: 10x12, 10x15, 12x15, 15x18*, 15x22, 15x28, 22x28 mm

1800.21

Knee transition fitting: compression x conical outer thread: R $\frac{1}{4}$ x12, R3/8 x12, R3/8 x15, R $\frac{1}{2}$ x12, R $\frac{3}{4}$ x12, R $\frac{1}{2}$ x14*, R $\frac{3}{4}$ x14*, R $\frac{1}{2}$ x15, R $\frac{3}{4}$ x15, R $\frac{1}{2}$ x16*, R $\frac{3}{4}$ x16, R $\frac{1}{2}$ x18*, R $\frac{3}{4}$ x18, R $\frac{1}{2}$ x22, R $\frac{3}{4}$ x22, R $\frac{3}{4}$ x28, R1x22, R1x28mm.

1800.22

Knee transition fitting: compression x straight inner thread: Rp3/8 x12, Rp3/8 x15, Rp $\frac{1}{2}$ x12, Rp $\frac{3}{4}$ x12, Rp $\frac{1}{2}$ x14*, Rp $\frac{3}{4}$ x14, Rp $\frac{1}{2}$ x15, Rp $\frac{3}{4}$ x15, Rp $\frac{1}{2}$ x16*, Rp $\frac{3}{4}$ x16, Rp $\frac{1}{2}$ x18*, Rp $\frac{3}{4}$ x18, Rp $\frac{1}{2}$ x22, Rp $\frac{3}{4}$ x22, Rp $\frac{3}{4}$ x28, Rp1x22, Rp1x28 mm

1800.10

T-compression fitting: 3xcompression: 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1800.13

Reducing T-compression fitting: 3xcompression: 12x15x12, 15x12x12, 15x15x12, 15x12x15, 18x15x18*, 15x22x15, 22x15x15, 22x22x15, 22x15x22, 22x18x22*, 22x28x22, 28x15x22, 28x28x22, 28x22x15, 28x22x28, 28x28x15, 28x22x22, 28x15x28 mm

1800.12

Transition T-compression fitting: compression x straight inner tread x compression: 12xRp $\frac{1}{2}$ x12, 15xRp $\frac{1}{4}$ x15, 15xRp3/8 x15, 14xRp $\frac{1}{2}$ x14*, 14xRp $\frac{3}{4}$ x14*, 15xRp $\frac{1}{2}$ x15, 15x Rp $\frac{3}{4}$ x15, 16x Rp $\frac{1}{2}$ x16*, 16x Rp $\frac{3}{4}$ x16*, 18x Rp $\frac{1}{2}$ x18*, 18 x Rp $\frac{3}{4}$ x18*, 22xRp $\frac{1}{2}$ x22, 22xRp $\frac{3}{4}$ x22, 28xRp $\frac{1}{2}$ x28 mm

1800.08

Transition T-compression fitting: straight inner thread x compression x compression: Rp $\frac{1}{2}$ x22x22 mm, Rp $\frac{3}{4}$ x22x22 mm

1800.17

Transition T-compression fitting: conical outer thread x compression x compression: R $\frac{1}{2}$ x15x15, R $\frac{3}{4}$ x22x22, R1 x22x22, R1 x28x28 mm

1800.09

Edge T-compression fitting: 3x compression: 15x15x15, 22x22x22, 22x22x15, 22x15x15 mm

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1800.36

Cross compression fitting 4 x compression: 15, 22, 28 mm

1800.B1

Reducer cross compression fitting 4 x compression: 22x15x22x15, 22x15x15x15 mm

1800.23

Wallplate knee straight inner thread x compression: Rp $\frac{1}{2}$ x 12, Rp $\frac{1}{2}$ x 15, Rp $\frac{1}{2}$ x 14*, Rp $\frac{1}{2}$ x 16*, Rp $\frac{3}{4}$ x 15, Rp $\frac{3}{4}$ x 22

* = Unmarketable fitting for the Dutch market.

1N00.00

Straight compression fitting: 2xcompression; 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1N00.03

Straight reducer compression fitting: 2xcompression; straight reducer 2 x compression: 10x12, 10x15, 12x15, 15x22, 22x28 mm

1N00.01

Straight transition compression fitting: compressionxconical outer thread: R $\frac{3}{8}$ x10, R $\frac{3}{8}$ x12, R $\frac{3}{8}$ x15, R $\frac{1}{2}$ x10, R $\frac{1}{2}$ x12, R $\frac{1}{2}$ x14*, R $\frac{1}{2}$ x15, R $\frac{1}{2}$ x16*, R $\frac{1}{2}$ x18*, R $\frac{1}{2}$ x22, R $\frac{3}{4}$ x14*, R $\frac{3}{4}$ x15, R $\frac{3}{4}$ x16*, R $\frac{3}{4}$ x18*, R $\frac{3}{4}$ x22, R $\frac{1}{4}$ x28, R1x22, R1x28 mm

1N00.02

Straight transition compression fitting: compression x straight inner thread: Rp $\frac{3}{8}$ x10, Rp $\frac{3}{8}$ x12, Rp $\frac{3}{8}$ x15, Rp $\frac{1}{2}$ x10, Rp $\frac{1}{2}$ x12, Rp $\frac{1}{2}$ x14*, Rp $\frac{1}{2}$ x15, Rp $\frac{1}{2}$ x16*, Rp $\frac{1}{2}$ x18*, Rp $\frac{1}{2}$ x22, Rp $\frac{3}{4}$ x14*, Rp $\frac{3}{4}$ x15, Rp $\frac{3}{4}$ x16*, Rp $\frac{3}{4}$ x18*, Rp $\frac{3}{4}$ x22, Rp1x22, Rp1x28 mm

1N00.40

End compression fitting: 12, 15, 18*, 22, 28 mm

1N00.20

Knee compression fitting: 2xcompression: 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1N00.29

Knee reduction compression fitting: 2xcompression: 10x12, 10x15, 12x15, 15x18*, 15x22, 15x28, 22x28 mm.

1N00.21

Knee transition fitting: compression x conical outer thread; R $\frac{1}{4}$ x12, R $\frac{3}{8}$ x12, R $\frac{3}{8}$ x15, R $\frac{1}{2}$ x12, R $\frac{3}{4}$ x12, R $\frac{1}{2}$ x14*, R $\frac{3}{4}$ x14*, R $\frac{1}{2}$ x15, R $\frac{1}{2}$ x15, R $\frac{1}{2}$ x16*, R $\frac{3}{4}$ x16, R $\frac{1}{2}$ x18*, R $\frac{3}{4}$ x18, R $\frac{1}{2}$ x22, R $\frac{3}{4}$ x22, R $\frac{3}{4}$ x28, R1x22, R1x28mm.

1N00.22

Knee transition fitting: compression x straight inner thread: Rp $\frac{3}{8}$ x12, Rp $\frac{3}{8}$ x15, Rp $\frac{1}{2}$ x12, Rp $\frac{3}{4}$ x12, Rp $\frac{1}{2}$ x14*, Rp $\frac{3}{4}$ x14, Rp $\frac{1}{2}$ x15, Rp $\frac{3}{4}$ x15, Rp $\frac{1}{2}$ x16*, Rp $\frac{3}{4}$ x16*, Rp $\frac{1}{2}$ x18*, Rp $\frac{3}{4}$ x18*, Rp $\frac{1}{2}$ x22, Rp $\frac{3}{4}$ x22, Rp $\frac{3}{4}$ x28, Rp1x22, Rp1x28 mm

1N00.10

T-compression fitting: 3xcompression: 10, 12, 14*, 15, 16*, 18*, 22, 28 mm

1N00.13

Reducing T-compression fitting: 3xcompression: 12x15x12, 15x12x12, 15x15x12, 15x12x15, 18x15x18*, 15x22x15, 22x15x15, 22x22x15, 22x15x22, 22x18x22*, 22x28x22, 28x15x22, 28x28x22, 28x22x15, 28x22x28, 28x28x15, 28x22x22, 28x15x28 mm

1N00.12

Transition T-compression fitting: compression x straight inner tread x compression: 12xRp $\frac{1}{2}$ x12, 15xRp $\frac{3}{8}$ x15, 15xRp $\frac{3}{8}$ x15, 14xRp $\frac{1}{2}$ x14*, 14xRp $\frac{3}{4}$ x14*, 15xRp $\frac{1}{2}$ x15, 15x Rp $\frac{3}{4}$ x15, 16x Rp $\frac{1}{2}$ x16*, 16x Rp $\frac{3}{4}$ x16*, 18x Rp $\frac{1}{2}$ x18*, 18 x Rp $\frac{3}{4}$ x18*, 22xRp $\frac{1}{2}$ x22, 22xRp $\frac{3}{4}$ x22, 28xRp $\frac{1}{2}$ x28 mm

1N00.08

Transition T-compression fitting: straight inner thread x compression x compression: Rp $\frac{1}{2}$ x22x22 mm, Rp $\frac{3}{4}$ x22x22 mm

1N00.17

Transition T-compression fitting: conical outer thread x compression x compression: R $\frac{1}{2}$ x15x15, R $\frac{3}{4}$ x22x22, R1 x22x22, R1 x28x28 mm

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1N00.09

Edge T-compression fitting: 3x compression: 15x15x15, 22x22x22, 22x22x15, 22x15x15 mm

1N00.36

Cross compression fitting 4 x compression: 15, 22, 28 mm

1N00.B1

Reducer cross compression fitting 4 x compression: 22x15x22x15, 22x15x15x15 mm

1N00.23

Wallplate knee straight inner thread x compression: Rp $\frac{1}{2}$ x 12, Rp $\frac{1}{2}$ x 15, Rp $\frac{1}{2}$ x 14*, Rp $\frac{1}{2}$ x 16*, Rp $\frac{3}{4}$ x 15, Rp $\frac{3}{4}$ x 22

* = Unmarketable fitting for the Dutch market.

APPLICATION AND USE

Compression fittings for joining half-hard copper pipes in gas installations with a maximum working pressure of 1 Bar.

MARKING

- The products are marked with the GASTEC QA logo.

Compulsory marking:

- Manufacturer's name or symbol,
- Nominal diameter,
- EN 1254-2,
- CR or DRA for grade A-DZR material, or DRB for grade B-DRB material if DZR material is used.

Place of the mark:

- Fitting.

Method of marking:

- Non-erasable.
-

RECOMMENDATIONS FOR CUSTOMERS:

- Check at the time of delivery whether:
 - the producer has delivery 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 Srl
and, if necessary,
 - Kiwa Nederland B.V.
 - Consult the producer's processing guidelines for the proper storage and transport methods.
 - Check whether this certificate is still valid by consulting the publication list for Gastec Certificates (Kluwer Handboek).
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