



# PIPE SYSTEMS ASSORTMENT LIST 2019

# TECE International

## Austria

**TECE Österreich GmbH**  
Betriebsring 27  
A - 2483 Ebreichsdorf  
Phone: +43 2254 207 02  
Fax: +43 2254 207 02 30  
info@tece.at  
www.tece.at

## Belarus

**IOOO TECE**  
Shchomyslitsa Soviet, Agogorodok,  
Ozertso, House 31, office 19  
BY - 223049 Minsk region  
Phone: +375 17 507 51 90  
Fax: +375 17 507 51 91  
info@teceby.com  
www.teceby.com

## Belgium

**TECE Belgium BVBA**  
Gitsbergsstraat 7E/unit 16  
B-8800 Roeselare Beveren  
Phone: +32 2 401 61 37  
Fax: +32 2 401 61 38  
info@tece.be  
www.tece.be

## China

**Suzhou TECE Plumbing Co., Ltd.**  
15A Shengquan Building,  
No. 28 Tanjiadu Road, Putuo District  
CN - 200063 Shanghai  
Phone: +86 21 32555030  
Fax: +86 21 32555021  
info@tece.cn  
www.tece.cn

## Croatia

**TECE d.o.o.**  
Fallerovo šetalište 16  
HR - 10000 Zagreb  
Phone: +38 513 079 000  
Fax: +38 513 079 048  
info@tece.hr  
www.tece.hr

## Czech Republic

**TECE Česká republika, s.r.o.**  
Vocetářova 2449/5  
CZ - 180 00 Praha 8 - Libeň  
Phone: +420 271 342 240  
info@tece.cz  
www.tece.cz

## Estonia

**UAB TECE BALTİKUM Eesti filiaal**  
Mere pst. 8  
EST - 10111 Tallinn  
Phone: +372 6 781100  
info@tece.ee  
www.tece.ee

## France

**TECE France**  
185, rue Louise Labbé, Bat C  
69970 Chaponnay  
Phone: +33 437 453 810  
Fax: +33 437 454 110  
info@tece.fr  
www.tece.fr

## Germany

**TECE GmbH**  
Hollefeldstr. 57  
D-48282 Emsdetten  
Phone: +49 2572 928 0  
Fax: +49 2572 928 124  
info@tece.de  
www.tece.de

## Great Britain

**TECE GmbH**  
Sales office UK  
Priory Park - Chewton Mendip  
Bath, Somerset BA3 4NT  
Phone: +44 8450558200  
info@tece.co.uk  
www.tece.co.uk

## India

**TECE India Private Ltd.**  
G-3, Neel Madhav,  
Nr. Navneet Hospital,  
V.P. cross road, Mulund (west),  
IND - 400080 Mumbai Maharashtra  
Phone: +91 (22) 21676755  
Fax: +91 (22) 21676707  
info@tece.in  
www.tece.in

## Italy

**TECE Italia s.r.l.**  
Via dell'Industria, 24 A  
I - 41051 Castelnovo Rangone (MO)  
Phone: +39 0 595 334 011  
Fax: +39 0 595 334 010  
info@teceitalia.com  
www.tece.it

## Latvia

**UAB TECE Baltikum Latvia**  
Makusalas iela 41B-8  
LV - 1004 Ryga  
Phone: +371 67 21 18 02  
Fax: +371 67 21 18 05  
info@tece.lv  
www.tece.lv

## Lithuania

**UAB TECE Baltikum**  
Terminalo g. 10  
Biruliškių km. Kauno raj.  
LT - 54469 Kaunas  
Phone: +370 37 314 078  
Fax: +370 37 313 084  
info@tece.lt  
www.tece.lt

## Netherlands BV

**TECE Nederland GmbH**  
W.A. Scholtenweg 7 a  
NL - 9422 BR Smilde  
Phone: +31 592 415 074  
Fax: +31 592 414 628  
info@tece.nl  
www.tece.nl

## Norway

**TECE NORGE AS**  
Snipetjernveien 4  
1405 Langhus  
Phone: +47 0 36 54  
Fax: +47 66 82 33 30  
post@tece.no  
www.tece.no

## Poland

**TECE Sp. z o.o.**  
Wrocławska 61  
PL - 57-100 Strzelin  
Phone: +48 713 839 100  
Fax: +48 713 839 101  
tece@tece.pl  
www.tece.pl

## Romania

**TECE Romania SRL**  
Soseaua de Centura, No. 13a  
RO - 077040 Chiajna, Ilfov  
Phone: +40 21 203 47 08  
Fax: +40 31 030 47 10  
info@tece.ro  
www.tece.ro

## Russia

**OOO TECE Systems**  
"Riga Land", bld. A  
143421 Ilinskoe  
Krasnogorsky district Moscow region  
Phone: +7 495 988 07 94  
Fax: +7 495 988 07 95  
info@tece.ru  
www.tece.ru

## Singapore

**TECE South-East Asia Pte. Ltd.**  
65 Ubi Road 1, Oxley Bizhub 1, #04-25  
Singapore 408729  
Phone: +65 6743 4886/6743 7886  
sales@tece.com.sg  
www.tece.com.sg

## Spain

**TECE Haustechnik, S.L.**  
Enrique Mariñas, 28 bajo  
E - 15009 A Coruña  
Phone: +34 881 89 50 25  
Fax: +34 881 89 50 26  
info@tece.es  
www.tece.es

## Sweden

**TECE Sverige AS**  
Askims Verkstadsväg 7  
SE - 43634 Askim  
Phone: +46 317 61 05 00  
Fax: +46 317 61 05 01  
info@tece.se  
www.tece.se

## Switzerland

**TECE Schweiz AG**  
Gewerbstrasse 8  
CH - 8212 Neuhausen am Rheinfall  
Phone: +41 52 672 62 20  
Fax: +41 52 672 62 21  
info@tece.ch  
www.tece.ch

## Ukraine

**TOV TECE Ukraine**  
Williamsa Akademika str. 3/7, of.7  
UA - 03191 Kyiv  
Phone: +38 044 596 59 46  
Fax: +38 044 596 59 47  
info@tece.ua  
www.tece.ua

|                                                                          | Page |
|--------------------------------------------------------------------------|------|
| <b>Pipe Systems</b>                                                      |      |
| TECEflex – The universal pipe system with push sleeves                   | 5    |
| TECElogo – The quick push-fitting system for multi-layer composite pipes | 71   |
| TECEfloor – The complete range for radiant heating                       | 125  |
| <b>Annex</b>                                                             |      |
| Article quick search                                                     | 167  |
| Assortment changes                                                       | 179  |



Pipe Systems

# TECEflex PRESSURE- SLEEVE SYSTEM

ASSORTMENT LIST 2019



|                             | Page |
|-----------------------------|------|
| Composite pipe              | 8    |
| Five-layer all-plastic pipe | 12   |
| All-plastic pipe            | 13   |
| Pressure sleeves            | 14   |
| Fittings                    | 15   |
| Assembly elements           | 23   |
| Radiator connection         | 27   |
| System components           | 32   |
| Manifolds                   | 33   |
| Gas installation            | 35   |
| Accessories                 | 37   |
| Tools                       | 39   |
| Starter set                 | 43   |
| Spare parts                 | 45   |
| Technical pipe data         | 49   |
| Dimensional drawings        | 52   |

TECEflex fittings based on the pressure sleeve principle must only be handled with original TECEflex system pipes and TECEflex tools. The guarantee will be invalid if non-system components are used.

Delivery unit 1 (DU 1) is not available for technical reasons.

References to standards and installation recommendations are based on standards and building regulations currently applicable in Germany. Different or supplementary regulations may apply in other countries. Observe all local regulations.

## TECEflex – Composite pipe



TECEflex composite pipe

### TECEflex – Composite pipe

The TECEflex composite pipe is equally suited for potable water and radiator installations as well as for the installation of compressed air systems. The TECEflex composite pipe is a universal pipe that combines the best properties of both metal and plastic pipes. The inner pipe consists of a PE-Xc basic standard pipe. This permits high pressure, temperature and corrosion resistance. The additional butt-welded aluminium sheathing serves both as a diffusion block and to reduce longitudinal deformation caused by heat. The TECEflex composite pipe is particularly easy to bend by hand, yet retains its rigidity.

The pipe meets the application classes according to DIN ISO 21003 of class 2/10 bar for the potable water installation and class 5/10 bar for the heating installation. TECEflex is DVGW certified. The suitability as a compressed air pipe has been established by the test mark of the German Technical Inspectorate TÜV. The yellow composite pipe has been approved for indoor gas installations in keeping with TRGI 2008 and TRF 2012 up to 100 mbar for gases of the second and third gas family (natural gas and liquefied gas) - German Technical and Scientific Association for Gas and Water (DVGW).

The patented TECEflex pressure sleeve technology permits connections without the use of O-rings while allowing for large inner diameters. The same fittings are used for the TECEflex composite pipe and TECEflex PE-Xc pipes.

### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT

To DIN EN ISO 21003, suitable for potable water, heating and compressed air installations.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 14 - Roll | 732014    | 120 m | 1200 m | 2400 m |
| 16 - Roll | 732016    | 100 m | 1000 m | 2000 m |
| 20 - Roll | 732020    | 100 m | 700 m  | 1400 m |
| 25 - Roll | 732025    | 50 m  | 250 m  | 500 m  |
| 32 - Roll | 732032    | 25 m  | 125 m  | 250 m  |
| 16 - Rod  | 732216    | 100 m | -      | -      |
| 20 - Rod  | 732220    | 70 m  | -      | -      |
| 25 - Rod  | 732225    | 45 m  | -      | -      |
| 32 - Rod  | 732232    | 30 m  | -      | -      |
| 40 - Rod  | 732240    | 15 m  | -      | -      |
| 50 - Rod  | 732250    | 15 m  | -      | -      |
| 63 - Rod  | 732263    | 5 m   | -      | -      |

(rod each 5 m)



### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT in corrugated protective pipe, black

To DIN EN ISO 21003, suitable for potable water, heating and compressed air installations.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 14 - Roll | 731014    | 75 m | 525 m | 1050 m |
| 16 - Roll | 731016    | 75 m | 525 m | 1050 m |
| 20 - Roll | 731020    | 50 m | 350 m | 700 m  |
| 25 - Roll | 731025    | 25 m | 175 m | 350 m  |





**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT in corrugated protective pipe, red**

To DIN EN ISO 21003, suitable for potable water, heating and compressed air installations.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 16 - Roll | 782103    | 75 m | 525 m |
| 20 - Roll | 782105    | 50 m | 350 m |

**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT in corrugated protective pipe, blue**

To DIN EN ISO 21003, suitable for potable water, heating and compressed air installations.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 16 - Roll | 782104    | 75 m | 525 m |
| 20 - Roll | 782106    | 50 m | 350 m |

**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT pre-insulated, 6 mm insulation, red**

To DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 6 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with DIN 1988-200 (table 8, no. 4/5 and table 9, no. 6).

| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 6 mm insulation | 731116    | 75 m | 300 m | 600 m |
| 20 - 6 mm insulation | 731120    | 75 m | 300 m | 600 m |
| 25 - 6 mm insulation | 731125    | 50 m | 200 m | 400 m |

**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT pre-insulated, 6 mm insulation, blue**

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 6 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: blue). Can be used in accordance with DIN 1988-200 (table 8, no. 4/5 and table 9, no. 6).

| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 6 mm insulation | 731316    | 75 m | 300 m | 600 m |
| 20 - 6 mm insulation | 731320    | 75 m | 300 m | 600 m |
| 25 - 6 mm insulation | 731325    | 50 m | 200 m | 400 m |



## TECEflex – Composite pipe

### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT pre-insulated, 9 mm insulation, red

To DIN EN ISO 21003 for potable water and heating installations, pre-insulated with 9 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with EnEV 2009 (appendix 5, table 1, line 7) and DIN 1988-200 (table 8, no. 1).

| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 9 mm insulation | 731616    | 75 m | 225 m | 450 m |
| 20 - 9 mm insulation | 731620    | 75 m | 225 m | 450 m |
| 25 - 9 mm insulation | 731625    | 50 m | 150 m | 300 m |



### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT pre-insulated, 9 mm insulation, blue

To DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 9 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: blue). Can be used in accordance with EnEV 2009 (appendix 5, table 1, line 7) and DIN 1988-200 (table 8, no. 1).

| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 9 mm insulation | 732116    | 75 m | 225 m | 450 m |
| 20 - 9 mm insulation | 732120    | 75 m | 225 m | 450 m |
| 25 - 9 mm insulation | 732125    | 50 m | 150 m | 300 m |



### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT pre-insulated, 13 mm insulation, red

To DIN EN ISO 21003 for potable water and heating installations, pre-insulated with 13 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with EnEV 2009 (appendix 5, table 1, lines 5 and 6) and DIN 1988-200 (table 8, nos. 2 and 6).

| Dimension             | Order No. | DU 1 | DU 2  | DU 3  |
|-----------------------|-----------|------|-------|-------|
| 16 - 13 mm insulation | 731916    | 50 m | 150 m | 300 m |
| 20 - 13 mm insulation | 731920    | 50 m | 150 m | 300 m |
| 25 - 13 mm insulation | 731925    | 25 m | 100 m | 200 m |



**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT, yellow**

Suitable for indoor gas installations. The regulations in accordance with TRGI 2008 and TRF 2012 shall apply for the installation.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 - Roll | 732316    | 100 m | 1000 m | 2000 m |
| 16 - Roll | 732330    | 25 m  | 250 m  | -      |
| 20 - Roll | 732320    | 100 m | 700 m  | 1400 m |
| 20 - Roll | 732331    | 25 m  | 250 m  | -      |
| 25 - Roll | 732325    | 50 m  | 250 m  | 500 m  |
| 25 - Roll | 732332    | 25 m  | 250 m  | -      |
| 32 - Roll | 782032    | 25 m  | 125 m  | -      |
| 16 - Rod  | 732416    | 100 m | -      | -      |
| 20 - Rod  | 732420    | 70 m  | -      | -      |
| 25 - Rod  | 732425    | 45 m  | -      | -      |
| 32 - Rod  | 732432    | 30 m  | -      | -      |
| 40 - Rod  | 732440    | 15 m  | -      | -      |
| 50 - Rod  | 732450    | 15 m  | -      | -      |
| 63 - Rod  | 732463    | 5 m   | -      | -      |

(rod each 5 m)

**TECEflex corrugated sheath pipe, yellow for 32 mm TECEflex multi-layer composite pipe**

Yellow corrugated sheath pipe 32 mm for yellow TECEflex multi-layer composite pipe.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 32 - Roll | 782033    | 25 m | 250 m |

**TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT, yellow, in yellow corrugated sheath pipe**

Suitable for indoor gas installations. The regulations in accordance with TRGI 2008 and TRF 2012 shall apply for the installation.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 16 - Roll | 782016    | 50 m | 500 m |
| 20 - Roll | 782020    | 50 m | 350 m |
| 25 - Roll | 782025    | 25 m | 150 m |



## TECEflex – Five-layer all-plastic pipe



TECEflex five-layer all-plastic pipe

### TECEflex – Five-layer all-plastic pipe

The TECEflex 5S all-plastic pipes are thermally stabilised five-layer pipes, which are resistant to ageing and are fitted with an internal diffusion block. The diffusion block is therefore optimally protected against adverse construction site conditions. As a result of the position of the oxygen barrier layer in the middle of the pipe wall, the TECEflex 5S-pipes are insensitive to external humidity, such as condensation water.

The silver-coloured TECEflex 5S all-plastic pipes are real universal pipes, which are suitable for potable water, heating and compressed air installations. The mother-of-pearl coloured TECEflex five-layer all-plastic pipe is made of highly flexible PE-MDXc; it is a pure heating pipe especially developed for the use in underfloor heating systems. It can be used in accordance with DIN ISO 21003 for class 5/6 bar and is therefore also suitable for radiator connection.

The patented TECEflex pressure sleeve technology permits connection without O-rings while allowing for large inner diameters. The same fittings are used for TECEflex five-layer all-plastic pipes as for TECEflex multi-layer composite pipes.

### TECEflex five-layer all-plastic pipe for potable water, heating and compressed air

Silver coloured, five-layer universal pipe, suitable for potable water, heating and compressed air installations, to DIN EN ISO 15875, oxygen-tight to DIN 4726.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 - Roll | 704516    | 200 m | 1200 m | 2400 m |
| 20 - Roll | 704520    | 120 m | 840 m  | 1680 m |



### TECEflex five-layer all-plastic pipe for potable water, heating and compressed air in corrugated sheath pipe, black

Silver coloured, five-layer universal pipe in corrugated sheath pipe, suitable for potable water, heating and compressed air installations, to DIN EN ISO 15875, oxygen-tight to DIN 4726.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 16 - Roll | 704616    | 75 m | 675 m | 1350 m |
| 20 - Roll | 704620    | 75 m | 450 m | 900 m  |



### TECEflex five-layer MDXc all-plastic pipe, particularly suitable for radiant heating

Mother-of-pearl coloured, five-layer heating pipe made of PE-MDXc to DIN 16894/95, particularly high flexibility. Five-layer pipe with internal diffusion block pursuant to DIN 4724, particularly suitable for underfloor heating.

| Dimension | Order No. |      | DU 1  | DU 2   | DU 3   |
|-----------|-----------|------|-------|--------|--------|
| 16 - Roll | 703316    |      | 200 m | 1200 m | 2400 m |
| 16 - Roll | 703416*   |      | 600 m | 3600 m | -      |
| 20 - Roll | 703320    | SALE | 200 m | 800 m  | 1600 m |
| 20 - Roll | 703420*   | SALE | 600 m | 2400 m | -      |



**TECEflex PE-Xc potable water pipe**

PE-Xc potable water pipe to DIN 16892.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 16 - Roll | 700516    | 50 m | 500 m | 1000 m |
| 20 - Roll | 700520    | 50 m | 500 m | 1000 m |
| 25 - Roll | 700525    | 50 m | 350 m | -      |

**TECEflex heating pipe for radiator connection**

Heating pipe for radiator connection made of PE-Xc, silver-coloured, diffusion-tight in accordance with DIN 4726.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 - Roll | 702016    | 120 m | 1200 m | 2400 m |
| 20 - Roll | 702020    | 75 m  | 750 m  | 1500 m |
| 25 - Roll | 702025    | 75 m  | 525 m  | 1050 m |



## TECEflex – Pressure sleeves

### TECEflex pressure sleeve for multi-layer composite pipe

Gold-coloured pressure sleeve for multi-layer composite pipe for press-connections with TECEflex PE-Xc/Al/PE-RT multi-layer composite pipes.

**Please note:**

Be sure to order pressure sleeves separately from the fittings!



PE-Xc/Al/PE

| Dimension | Order No. | DU 1   | DU 2    | DU 3      |
|-----------|-----------|--------|---------|-----------|
| 14        | 734514    | 50 pc. | 750 pc. | -         |
| 16        | 734516    | 50 pc. | 500 pc. | 32000 pc. |
| 20        | 734520    | 50 pc. | 500 pc. | 32000 pc. |
| 25        | 734525    | 50 pc. | 250 pc. | 16000 pc. |
| 32        | 734532    | 25 pc. | 100 pc. | -         |
| 40        | 734540    | 15 pc. | 60 pc.  | -         |
| 50        | 734550    | 10 pc. | 50 pc.  | -         |
| 63        | 734563    | 5 pc.  | 20 pc.  | -         |

### TECEflex pressure sleeve for all-plastic pipe, nickel-plated

Silver-coloured pressure sleeve for TECEflex all-plastic pipes. For press-connection of TECEflex five-layer pipes.

**Please note:**

Be sure to order pressure sleeves separately from the fittings!



PE-Xc, PE-MDXc, 5S

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16        | 704016    | 50 pc. | 500 pc. |
| 20        | 704020    | 50 pc. | 500 pc. |
| 25        | 704025    | 50 pc. | 150 pc. |

## TECEflex – Fittings

## Adaptions of materials based on international requirements

In Germany red brass is a widely used material for fittings and taps for drinking water installations. Outside of Germany, however, red brass is not so well known as a material for drinking water installations. As an internationally operating systems supplier, TECE is changing its products made of red brass to the uniformly used silicon bronze. The processing and material characteristics are of equal value. In direct comparison, the colour of silicon bronze is a bit brighter than red brass. Mixed installations with red brass and silicon bronze are possible without any limitations. Both materials are listed in the valuation basis for metal materials in contact with drinking water (UBA positive list). Thus they fulfill the requirements according to § 17 paragraph 3 of the Drinking Water Ordinance. Article numbers will remain unchanged.

## TECEflex female connector

## Red brass/silicon bronze



## Standard brass\*



| Dimension      | DU 1   | DU 2    | Order No. | Order No. |
|----------------|--------|---------|-----------|-----------|
| 16 x Rp 1/2"   | 10 pc. | 100 pc. | 705 102   | 765002    |
| 20 x Rp 1/2"   | 10 pc. | 100 pc. | 705 103   | 765003    |
| 20 x Rp 3/4"   | 10 pc. | 100 pc. | 705 104   | 765004    |
| 25 x Rp 1"     | 5 pc.  | 20 pc.  | 705 106   | 765009    |
| 25 x Rp 3/4"   | 10 pc. | 100 pc. | 705 105   | 765007    |
| 32 x Rp 1"     | 5 pc.  | 20 pc.  | 705 107   | 765008    |
| 40 x Rp 1 1/2" | 2 pc.  | 20 pc.  | 705 108   | 765010    |
| 50 x Rp 2"     | 2 pc.  | 10 pc.  | 705 109   | -         |
| 63 x Rp 2"     | 1 pc.  | 5 pc.   | 705 110   | -         |

## TECEflex male connector

## Red brass/silicon bronze



## Standard brass\*



| Dimension     | DU 1   | DU 2    | Order No. | Order No. |
|---------------|--------|---------|-----------|-----------|
| 16 x R 1/2"   | 10 pc. | 100 pc. | 705601    | 765502    |
| 16 x R 3/4"   | 10 pc. | 100 pc. | 705602    | 765506    |
| 16 x R 3/8"   | 10 pc. | 100 pc. | -         | 765514    |
| 20 x R 1/2"   | 10 pc. | 100 pc. | 705603    | 765503    |
| 20 x R 3/4"   | 10 pc. | 100 pc. | 705604    | 765504    |
| 25 x R 1"     | 10 pc. | 50 pc.  | 705606    | 765508    |
| 25 x R 3/4"   | 10 pc. | 50 pc.  | 705605    | 765507    |
| 32 x R 1"     | 5 pc.  | 50 pc.  | 705607    | 765509    |
| 32 x R 1 1/4" | 5 pc.  | 50 pc.  | 705608    | 765510    |
| 40 x R 1 1/4" | 2 pc.  | 20 pc.  | 705609    | 765511    |
| 50 x R 1 1/2" | 2 pc.  | 10 pc.  | 705610    | 765512    |
| 63 x R 2"     | 1 pc.  | 5 pc.   | 705611    | 765513    |

\* For choice of materials observe the information on p. 51.

# TECEflex – Fittings

## TECEflex coupling

Red brass/silicon bronze



PPSU



Standard brass\*



| Dimension | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|-----------|--------|---------|-----------|-----------|-----------|
| 14 x 14   | 10 pc. | 100 pc. | 720594    | -         | -         |
| 16 x 16   | 10 pc. | 100 pc. | 706216    | 736016    | 766016    |
| 20 x 20   | 10 pc. | 100 pc. | 706220    | 736020    | 766020    |
| 25 x 25   | 10 pc. | 50 pc.  | 706225    | 736025    | 766025    |
| 32 x 32   | 5 pc.  | 50 pc.  | 706232    | 736032    | 766032    |
| 40 x 40   | 2 pc.  | 20 pc.  | 706240    | 736040    | 766040    |
| 50 x 50   | 2 pc.  | 10 pc.  | 706250    | -         | 766050    |
| 63 x 63   | 1 pc.  | 5 pc.   | 706263    | -         | 766063    |

## TECEflex coupling reduced

Red brass/silicon bronze



PPSU



Standard brass\*



| Dimension | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|-----------|--------|---------|-----------|-----------|-----------|
| 16 x 14   | 10 pc. | 100 pc. | 720595    | -         | -         |
| 20 x 16   | 10 pc. | 100 pc. | 706603    | 736503    | 766503    |
| 25 x 16   | 10 pc. | 50 pc.  | 706604    | 736504    | 766504    |
| 25 x 20   | 10 pc. | 50 pc.  | 706605    | 736505    | 766505    |
| 32 x 20   | 5 pc.  | 30 pc.  | 706606    | 736506    | 766506    |
| 32 x 25   | 5 pc.  | 30 pc.  | 706607    | 736507    | 766507    |
| 40 x 32   | 2 pc.  | 20 pc.  | 706608    | 736508    | 766508    |
| 50 x 40   | 2 pc.  | 10 pc.  | 706609    | -         | 766509    |
| 63 x 50   | 1 pc.  | 5 pc.   | 706610    | -         | -         |

## TECEflex 90° elbow

Red brass/silicon bronze

PPSU

Standard brass\*



| Dimension | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|-----------|--------|---------|-----------|-----------|-----------|
| 16 x 16   | 10 pc. | 200 pc. | -         | 737016    | 767016    |
| 20 x 20   | 10 pc. | 100 pc. | -         | 737020    | 767020    |
| 25 x 25   | 10 pc. | 40 pc.  | -         | 737025    | 767025    |
| 32 x 32   | 5 pc.  | 40 pc.  | -         | 737032    | 767032    |
| 40 x 40   | 2 pc.  | 20 pc.  | -         | 737040    | 767040    |
| 50 x 50   | 2 pc.  | 10 pc.  | -         | -         | 767050    |
| 63 x 63   | 1 pc.  | 5 pc.   | -         | -         | 767063    |



**TECEflex 90° elbow, pressure-loss optimised red brass/silicon bronze**

90° coupling made of red brass/silicon bronze, elbow with pressure-loss optimised design and favourable flow characteristics. Low zeta value due to low-loss change of direction via arcuate bends and the very nearly identical inner cross-section of the pipe and fitting. Suitable for all potable water qualities.



| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 14 x 14   | 720593    | 10 pc. | 200 pc. |
| 16 x 16   | 707316    | 10 pc. | 200 pc. |
| 20 x 20   | 707320    | 10 pc. | 100 pc. |
| 25 x 25   | 707325    | 10 pc. | 40 pc.  |
| 32 x 32   | 707332    | 5 pc.  | 40 pc.  |
| 40 x 40   | 707340    | 2 pc.  | 20 pc.  |
| 50 x 50   | 707350    | 2 pc.  | 10 pc.  |
| 63 x 63   | 707363    | 1 pc.  | 5 pc.   |

**TECEflex 45° elbow****Red brass/silicon bronze****Standard brass\***

| Dimension | DU 1   | DU 2   | Order No. | Order No. |
|-----------|--------|--------|-----------|-----------|
| 25 x 25   | 10 pc. | 40 pc. | 707167    | 767125    |
| 32 x 32   | 5 pc.  | 20 pc. | 707168    | 767132    |
| 40 x 40   | 2 pc.  | 20 pc. | 707169    | 767140    |
| 50 x 50   | 2 pc.  | 10 pc. | 707165    | -         |
| 63 x 63   | 1 pc.  | 5 pc.  | 707166    | -         |

**TECEflex female elbow****Red brass/silicon bronze****Standard brass\***

| Dimension      | DU 1   | DU 2    | Order No. | Order No. |
|----------------|--------|---------|-----------|-----------|
| 16 x Rp 1/2"   | 10 pc. | 150 pc. | 708101    | 768016    |
| 20 x Rp 1/2"   | 10 pc. | 150 pc. | 708102    | 768020    |
| 20 x Rp 3/4"   | 10 pc. | 50 pc.  | 708103    | 768002    |
| 25 x Rp 3/4"   | 10 pc. | 40 pc.  | 708104    | 768025    |
| 32 x Rp 1"     | 5 pc.  | 20 pc.  | 708105    | 768032    |
| 40 x Rp 1 1/2" | 2 pc.  | 10 pc.  | 708106    | -         |
| 50 x Rp 1 1/2" | 2 pc.  | 10 pc.  | 708107    | -         |

\* For choice of materials observe the information on p. 51.

## TECEflex – Fittings

### TECEflex male elbow

#### Red brass/silicon bronze



#### Standard brass\*



| Dimension   | DU 1   | DU 2   | Order No. | Order No. |
|-------------|--------|--------|-----------|-----------|
| 16 x R 1/2" | 10 pc. | 80 pc. | 707801    | 767516    |
| 20 x R 1/2" | 10 pc. | 80 pc. | 707802    | 767520    |
| 20 x R 3/4" | 10 pc. | 60 pc. | 707803    | 767501    |
| 25 x R 1"   | 10 pc. | 50 pc. | 707805    | 767526    |
| 25 x R 3/4" | 10 pc. | 50 pc. | 707804    | 767525    |
| 32 x R 1"   | 10 pc. | 20 pc. | 707806    | 767532    |

### TECEflex compact angled connector, red brass/silicon bronze

| Dimension    | Order No. | DU 1   | DU 2    |
|--------------|-----------|--------|---------|
| 16 x Rp 1/2" | 708100    | 10 pc. | 150 pc. |



### TECEflex tee female thread

#### Red brass/silicon bronze



#### Standard brass\*



| Dimension           | DU 1   | DU 2   | Order No. | Order No. |
|---------------------|--------|--------|-----------|-----------|
| 16 x Rp 1/2" x 16   | 10 pc. | 60 pc. | 709801    | 769516    |
| 20 x Rp 1/2" x 20   | 10 pc. | 40 pc. | 709802    | 769520    |
| 25 x Rp 1/2" x 25   | 10 pc. | 30 pc. | 709803    | 769522    |
| 25 x Rp 3/4" x 25   | 10 pc. | 20 pc. | 709804    | 769525    |
| 32 x Rp 1/2" x 32   | 5 pc.  | 20 pc. | -         | 769527    |
| 32 x Rp 1" x 32     | 5 pc.  | 20 pc. | 709805    | 769532    |
| 40 x Rp 1/2" x 40   | 1 pc.  | 10 pc. | -         | 769534    |
| 40 x Rp 1" x 40     | 1 pc.  | 10 pc. | 709806    | 769540    |
| 50 x Rp 1 1/4" x 50 | 1 pc.  | 10 pc. | 709807    | -         |
| 63 x Rp 1 1/2" x 63 | 1 pc.  | 5 pc.  | 709808    | -         |

## TECEflex tee

## Red brass/silicon bronze



## PPSU



## Standard brass\*



| Dimension    | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|--------------|--------|---------|-----------|-----------|-----------|
| 14 x 14 x 14 | 10 pc. | 150 pc. | 720591    | -         | -         |
| 16 x 16 x 16 | 10 pc. | 150 pc. | 710116    | 730916    | 760016    |
| 20 x 20 x 20 | 10 pc. | 80 pc.  | 710120    | 730920    | 760020    |
| 25 x 25 x 25 | 10 pc. | 40 pc.  | 710125    | 730925    | 760025    |
| 32 x 32 x 32 | 5 pc.  | 20 pc.  | 710132    | 730932    | 760032    |
| 40 x 40 x 40 | 2 pc.  | 10 pc.  | 710140    | 730940    | 760040    |
| 50 x 50 x 50 | 1 pc.  | 5 pc.   | 710150    | -         | -         |
| 63 x 63 x 63 | 1 pc.  | 5 pc.   | 710163    | -         | -         |

## TECEflex tee reduced

## Red brass/silicon bronze



## PPSU



## Standard brass\*



| Dimension    | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|--------------|--------|---------|-----------|-----------|-----------|
| 16 x 14 x 16 | 10 pc. | 100 pc. | 720592    | -         | -         |
| 16 x 20 x 16 | 10 pc. | 50 pc.  | 710601    | 730504    | 760504    |
| 20 x 16 x 16 | 10 pc. | 50 pc.  | 710602    | 730508    | 760508    |
| 20 x 16 x 20 | 10 pc. | 100 pc. | 710603    | 730509    | 760509    |
| 20 x 20 x 16 | 10 pc. | 100 pc. | 710604    | 730511    | 760511    |
| 20 x 25 x 20 | 10 pc. | 40 pc.  | 710609    | 730521    | 760521    |
| 25 x 16 x 16 | 10 pc. | 40 pc.  | -         | 730516    | 760516    |
| 25 x 16 x 20 | 10 pc. | 40 pc.  | 710605    | 730544    | 760544    |
| 25 x 16 x 25 | 10 pc. | 30 pc.  | 710606    | 730514    | 760514    |
| 25 x 20 x 20 | 10 pc. | 30 pc.  | 710607    | 730522    | 760522    |
| 25 x 20 x 25 | 10 pc. | 20 pc.  | 710608    | 730515    | 760515    |
| 25 x 32 x 25 | 5 pc.  | 30 pc.  | -         | -         | 760517    |
| 32 x 16 x 32 | 5 pc.  | 40 pc.  | 710610    | 730537    | 760537    |
| 32 x 20 x 25 | 5 pc.  | 40 pc.  | -         | -         | 760518    |
| 32 x 20 x 32 | 5 pc.  | 30 pc.  | 710611    | 730519    | 760519    |
| 32 x 25 x 25 | 5 pc.  | 30 pc.  | 710613    | 730520    | 760520    |
| 32 x 25 x 32 | 5 pc.  | 30 pc.  | 710612    | 730523    | 760523    |
| 40 x 20 x 40 | 2 pc.  | 20 pc.  | 710614    | 730536    | 760536    |
| 40 x 25 x 32 | 2 pc.  | 20 pc.  | -         | -         | 760543    |
| 40 x 25 x 40 | 2 pc.  | 20 pc.  | 710615    | 730533    | 760533    |
| 40 x 32 x 32 | 2 pc.  | 20 pc.  | 710617    | 730525    | 760525    |
| 40 x 32 x 40 | 2 pc.  | 8 pc.   | 710616    | 730524    | 760524    |
| 50 x 20 x 50 | 1 pc.  | 5 pc.   | 710618    | -         | -         |
| 50 x 25 x 50 | 1 pc.  | 5 pc.   | 710619    | -         | 760534    |
| 50 x 32 x 50 | 1 pc.  | 5 pc.   | 710620    | -         | 760526    |
| 50 x 40 x 50 | 1 pc.  | 5 pc.   | 710621    | -         | -         |
| 63 x 32 x 63 | 1 pc.  | 5 pc.   | 710622    | -         | -         |
| 63 x 50 x 63 | 1 pc.  | 5 pc.   | 710623    | -         | -         |

## TECEflex – Fittings

### TECEflex screw connection, flat sealing

With flat seal for potable water or heating.

Red brass/silicon bronze



PPSU

Standard brass\*



| Dimension   | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|-------------|--------|---------|-----------|-----------|-----------|
| 16 x 1/2"   | 10 pc. | 100 pc. | 717601    | -         | 767578    |
| 16 x 3/4"   | 10 pc. | 100 pc. | 717602    | -         | 767570    |
| 16 x 3/8"   | 5 pc.  | 100 pc. | -         | -         | 767579    |
| 20 x 1"     | 5 pc.  | 50 pc.  | 717604    | -         | 767576    |
| 20 x 3/4"   | 5 pc.  | 100 pc. | 717603    | -         | 767572    |
| 25 x 1"     | 5 pc.  | 50 pc.  | 717605    | -         | 767574    |
| 25 x 1 1/4" | 5 pc.  | 30 pc.  | 717606    | -         | -         |
| 32 x 1 1/2" | 1 pc.  | 15 pc.  | 717608    | -         | -         |
| 32 x 1 1/4" | 1 pc.  | 25 pc.  | 717607    | -         | -         |

### TECEflex end plug

Red brass/silicon bronze

PPSU

Standard brass\*



| Dimension | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|-----------|--------|---------|-----------|-----------|-----------|
| 16        | 10 pc. | 200 pc. | -         | 730616    | 765116    |
| 20        | 10 pc. | 200 pc. | -         | 730620    | 765120    |

### TECEflex wall disk

Red brass/silicon bronze

PPSU

Standard brass\*



| Dimension    | DU 1   | DU 2    | Order No. | Order No. | Order No. |
|--------------|--------|---------|-----------|-----------|-----------|
| 14 x Rp 1/2" | 10 pc. | 100 pc. | 720590    | -         | -         |
| 16 x Rp 1/2" | 10 pc. | 100 pc. | 708610    | -         | 768516    |
| 20 x Rp 1/2" | 10 pc. | 50 pc.  | 708611    | -         | 768520    |
| 20 x Rp 3/4" | 10 pc. | 30 pc.  | 708612    | -         | 768525    |
| 25 x Rp 3/4" | 10 pc. | 20 pc.  | 708613    | -         | 768526    |

### TECEflex double wall disk standard brass\*

| Dimension      | Order No. | DU 1   | DU 2   |
|----------------|-----------|--------|--------|
| 16 x 1/2" x 16 | 768501    | 10 pc. | 30 pc. |



**TECEflex U-double wall disk, pressure-loss optimised, red brass/silicon bronze**

U-double wall disk made of red brass/silicon bronze for O-ring free pressure sleeve connection of TECEflex pipes with threaded fittings or fittings with a thread to DIN EN 10226. Fitting with optimised flow resistance coefficient (Zeta value). Suitable for all potable water qualities. Without TECEflex pressure sleeves.



| Dimension         | Order No. | DU 1   | DU 2   |
|-------------------|-----------|--------|--------|
| 16 x Rp 1/2" x 16 | 708625    | 10 pc. | 30 pc. |
| 20 x Rp 1/2" x 20 | 708626    | 10 pc. | 30 pc. |

**TECEflex U-double wall disk reduced, pressure-loss optimised, red brass/silicon bronze**

| Dimension         | Order No. | DU 1   | DU 2   |
|-------------------|-----------|--------|--------|
| 16 x Rp 1/2" x 20 | 708606    | 10 pc. | 30 pc. |
| 20 x Rp 1/2" x 16 | 708607    | 10 pc. | 30 pc. |

**TECEflex double connection, pressure-loss-optimised, red brass/silicon bronze**

| Dimension   | Order No. | DU 1   | DU 2   |
|-------------|-----------|--------|--------|
| 16 x R 1/2" | 708608    | 10 pc. | 30 pc. |

**TECEflex wall disk, long****Red brass/silicon bronze****Standard brass\***

| Dimension    | DU 1   | DU 2   | Order No. | Order No. |
|--------------|--------|--------|-----------|-----------|
| 16 x Rp 1/2" | 10 pc. | 20 pc. | 708614    | 768502    |

**TECEflex wall bushing with pressure ring red brass/silicon bronze**

Wall bushing made of red brass/silicon bronze with pressure ring for O-ring free pressure sleeve connection of TECEflex pipes with threaded fittings or fittings with a thread to DIN EN 10226. Fitting with optimised flow resistance coefficient (Zeta value). Adjustable for wall thicknesses between 18-25 mm. Suitable for all potable water qualities. Incl. pressure ring, screws and sound-insulation insert (without TECEflex pressure sleeves).



| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 16 x Rp 1/2" | 708705    | 10 pc. | 20 pc. |

\* For choice of materials observe the information on p. 51.

## TECEflex – Fittings

### TECEflex universal wall bushing made of red brass/silicon bronze

One side 1/2" female thread, other side 1/2" male thread, made of red brass/silicon bronze with pressure ring. Adjustable for wall thicknesses between 18-25 mm.



| Dimension        | Order No. | DU 1   | DU 2   |
|------------------|-----------|--------|--------|
| R 1/2" x Rp 1/2" | 708706    | 10 pc. | 40 pc. |

### TECEflex pressure-soldered connection made of red brass/silicon bronze

As adapter from stainless steel or copper pipe to TECEflex. Suitable for V- or M-contour pressed fittings. Also suitable for soldering.



| Dimension     | Order No. | DU 1   | DU 2    |
|---------------|-----------|--------|---------|
| 16 x 15 mm Cu | 716316    | 10 pc. | 150 pc. |
| 20 x 18 mm Cu | 716320    | 10 pc. | 100 pc. |
| 20 x 22 mm Cu | 716321    | 10 pc. | 100 pc. |
| 25 x 22 mm Cu | 716325    | 10 pc. | 50 pc.  |
| 32 x 28 mm Cu | 716332    | 10 pc. | 50 pc.  |

### TECEflex Cu soldered connection TECEflex made of standard brass\*

As transition from stainless steel or copper pipes to TECEflex, suitable only for soldering.



| Dimension        | Order No. | DU 1   | DU 2    |
|------------------|-----------|--------|---------|
| 14 x 15/18 mm Cu | 713914    | 10 pc. | 150 pc. |
| 16 x 15/18 mm Cu | 713916    | 10 pc. | 150 pc. |
| 20 x 18/22 mm Cu | 713920    | 10 pc. | 100 pc. |
| 25 x 22/28 mm Cu | 713925    | 10 pc. | 50 pc.  |
| 32 x 28/32 mm Cu | 713932    | 5 pc.  | 40 pc.  |

### TECEflex system adapter copper pipe

Permanent adapter from copper pipe to TECEflex. Not approved for gas installation.



| Dimension     | Order No. | DU 1  | DU 2    |
|---------------|-----------|-------|---------|
| 16 x 15 mm Cu | 713816    | 5 pc. | 100 pc. |
| 20 x 18 mm Cu | 713820    | 5 pc. | 40 pc.  |

#### TECEflex mounting unit with wall disks, red brass/silicon bronze, sound-proofing elements and fastener for high-temperature outlet bend

Pre-assembled fastener with:

- 2 sound-insulation disks
- 2 wall disks, red brass/silicon bronze
- 2 sound-insulation domes
- Fastener for a high-temperature outlet bend

(without TECEflex pressure sleeves)



| Dimension    | Centres | Order No. | DU 1  | DU 2   |
|--------------|---------|-----------|-------|--------|
| 16 x Rp 1/2" | 80 mm   | 720565    | 1 pc. | 10 pc. |

#### TECEflex mounting unit with wall disks, red brass/silicon bronze, and sound-proofing elements

Pre-assembled fastener with:

- 2 sound-insulation disks
- 2 wall disks, red brass/silicon bronze
- 2 sound-insulation domes

(without TECEflex pressure sleeves)



| Dimension    | Centres | Order No. | DU 1  | DU 2   |
|--------------|---------|-----------|-------|--------|
| 16 x Rp 1/2" | 150 mm  | 720560    | 1 pc. | 10 pc. |
| 20 x Rp 1/2" | 150 mm  | 720562    | 1 pc. | 10 pc. |

#### TECEflex mounting unit with wall disks made of standard brass

| Dimension    | Centres | Order No. | DU 1  | DU 2   |
|--------------|---------|-----------|-------|--------|
| 16 x Rp 1/2" | 150 mm  | 765130    | 1 pc. | 10 pc. |



#### TECEflex mounting unit with U-double wall disks, red brass/silicon bronze, and sound-proofing elements, dimension: 150 mm

Pre-assembled fastener with:

- 2 sound-insulation disks
- 2 U-double wall disks, red brass/silicon bronze
- 2 sound-insulation domes

(without TECEflex pressure sleeves)



| Dimension         | Centres | Order No. | DU 1  | DU 2   |
|-------------------|---------|-----------|-------|--------|
| 16 x Rp 1/2" x 16 | 150 mm  | 720566    | 1 pc. | 10 pc. |

#### TECE sound-proofing element

Sound-proofing element for TECEflex and TECElogo wall disks. To minimize transmission of noise to the structure; consisting of sound insulation inserts and sound-proofing cover.



| Dimension                    | Order No. | DU 1   | DU 2   |
|------------------------------|-----------|--------|--------|
| For 1/2" wall disks          | 718017    | 10 pc. | 40 pc. |
| For 1/2" wall disks, long    | 718022    | 10 pc. | 40 pc. |
| For 1/2" U-double wall disks | 718024    | 10 pc. | 40 pc. |

## TECEflex – Assembly elements

### TECE sound shield for wall disk

Sound shield for TECEflex and TECElogo wall disks. To reduce noise transmission to structure.



| Order No. | DU 1   | DU 2    |
|-----------|--------|---------|
| 718026    | 10 pc. | 100 pc. |

### TECEflex mounting unit with wall disks red brass/silicon bronze

Pre-assembled fastener with two red brass/silicon bronze wall disks.



| Dimension    | Order No. | DU 1  | DU 2   |
|--------------|-----------|-------|--------|
| 16 x Rp 1/2" | 720550    | 5 pc. | 25 pc. |



**TECE Seal System assembly plug with sealing sleeve**

Reusable special assembly plug for mounting the sealing sleeve in the shell construction phase. Suitable for leak and load testing with air or water. With a metallic thread made of material suitable for drinking water, including Seal System sealing sleeve.

Length: 117 mm  
Thread: 1/2"  
Diameter: 38 mm



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 1/2"      | 704802    | 6 pc. |

**TECE Seal System sealing sleeve**

Sealing sleeve for creating a standard-compliant wall bushing with walls exposed to water in accordance with DIN 18534 (2017).

Leak water created by an unsealed threaded connection between the wall disk and the valve extension is guided forwards out of the wall. In addition to the TECE wall disks, also suitable for many third-party products.

Length: 100 mm  
Diameter: 37.5 mm



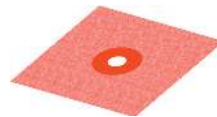
| Dimension | Order No. | DU 1   |
|-----------|-----------|--------|
| 1/2"      | 704801    | 10 pc. |

In connection with the Seal System sealing sleeve and a suitable sealing grout. The suitability of external products can be found in the technical information.

**TECE Seal System sealing collar**

Seal System sealing collar for sealing against intrusion of moisture into the wall via fitting connections.

Length x width: 140 x 140 mm  
Internal diameter: 15 mm



| Order No. | DU 1   |
|-----------|--------|
| 704803    | 10 pc. |

**TECE Seal System sealing set for wall bushings**

Seal System sealing set consisting of:

- 2 x assembly plugs
- 2 x sealing sleeves
- 2 x sealing collars

| Order No. | DU 1  |
|-----------|-------|
| 704805    | 1 pc. |



## TECEflex – Assembly elements

### TECE fastener made of galvanized steel, single

To fasten TECEflex and TECElogo wall disks, angled, made of galvanized steel.

| Order No. | DU 1   | DU 2   |
|-----------|--------|--------|
| 720527    | 10 pc. | 80 pc. |



### TECE fastener made of galvanized steel, double

To fasten TECEflex and TECElogo wall disks, angled, made of galvanized steel. Suitable for dimensions 150 and 80 mm.

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 720528    | 5 pc. | 20 pc. |



### TECE screw

To fasten TECEflex and TECElogo wall disks to galvanized steel fasteners.

| Dimension   | Order No. | DU 1    | DU 2     |
|-------------|-----------|---------|----------|
| 3,5 x 16 mm | 720524    | 100 pc. | 3000 pc. |



**TECEflex 15 mm radiator mounting elbow, nickel-plated copper**

To connect compact radiators with integrated valves.

| Dimension     | Length  | Order No. | DU 1   | DU 2   |
|---------------|---------|-----------|--------|--------|
| 14 x 15 mm Cu | 300 mm  | 714014    | 10 pc. | 50 pc. |
| 16 x 15 mm Cu | 300 mm  | 714016    | 10 pc. | 50 pc. |
| 20 x 15 mm Cu | 300 mm  | 714020    | 10 pc. | 50 pc. |
| 16 x 15 mm Cu | 1100 mm | 714516    | 6 pc.  | 60 pc. |

**TECEflex 15 mm radiator mounting tee, nickel-plated copper**

To connect compact radiators with integrated valves.

| Dimension     | Length | Order No. | DU 1   | DU 2   |
|---------------|--------|-----------|--------|--------|
| 16 x 15 mm Cu | 300 mm | 715016    | 10 pc. | 60 pc. |
| 20 x 15 mm Cu | 300 mm | 715020    | 10 pc. | 50 pc. |

**TECEflex radiator assembly set for compact valve heaters, floor-mounted, nickel-plated**

To connect compact radiators with integrated valves through the floor.

| Dimension     | Centres | Order No. | DU 1  | DU 2   |
|---------------|---------|-----------|-------|--------|
| 16 x 15 mm Cu | 50 mm   | 714901    | 1 pc. | 10 pc. |

**TECEflex radiator mounting set for compact radiator with integrated valve, wall-mounted, nickel-plated**

To connect compact radiators with integrated valves through the wall.

| Dimension     | Centres | Order No. | DU 1  | DU 2   |
|---------------|---------|-----------|-------|--------|
| 16 x 15 mm Cu | 50 mm   | 714905    | 1 pc. | 10 pc. |

**TECE skirting board radiator elbow shut-offs**

Made of 15 mm nickel-plated Cu pipe, adjustable and with shut-off, for connection of radiator to TECEflex or TECElogo skirting board radiator connection set.

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 15 mm Cu  | 730010    | 1 set | 25 set |



## TECEflex – Radiator connection

### TECE skirting board radiator elbows

Made of nickel-plated Cu pipe 15 mm. To connect radiator to TECEflex or TECElogo skirting board radiator connection set.

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 15 mm Cu  | 730025    | 1 set | 20 set |



### TECE male pinch screw connection 1/2"

15 mm, nickel-plated pinch screw connection to join TECEflex/TECElogo radiator mounting elbow or radiator tees to thermostat valves or to the radiator screw connections.

| Dimension      | Order No. | DU 1   | DU 2    |
|----------------|-----------|--------|---------|
| 15 mm x R 1/2" | 717501    | 10 pc. | 150 pc. |



### TECEflex radiator mounting unit for compact radiator with integrated valve, wall-mounted

For simplified connection of compact radiators with integrated valves through the wall, TECEflex composite pipe dim. 16 in 9 mm PE insulating tube,  $\lambda_R$  0.040 W/(mK), with sturdy fixing option, radiator valve spacing 50 mm. Installation height 210 mm.

| Dimension | Order No. | DU 1  | DU 2  |
|-----------|-----------|-------|-------|
| 16        | 714907    | 1 pc. | 5 pc. |



### TECEflex cross-fitting

Made of nickel-plated brass. For simplified connection of radiator connection lines in the floor construction.

| Dimension    | Order No. | DU 1  | DU 2   |
|--------------|-----------|-------|--------|
| 16 x 16 x 16 | 718501    | 1 pc. | 10 pc. |
| 20 x 16 x 16 | 718502    | 1 pc. | 10 pc. |
| 20 x 16 x 20 | 718503    | 1 pc. | 10 pc. |



### TECEflex protection box made of PS for cross-fittings

To separate TECEflex cross-fittings from the building structure, made of cfc-free PS.

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16-20     | 718020    | 1 pc. | 10 pc. |



### TECEflex radiator installation box for compact valve heaters

For simplified connection of compact valve radiators through the wall, pipe layout in PUR insulating body, without plaster base board, radiator valve spacing 50 mm, installation height 230 mm, TECEflex composite pipe dim. 16.

| Dimension | Order No. | DU 1  | DU 2  |
|-----------|-----------|-------|-------|
| 16        | 716116    | 1 pc. | 5 pc. |



**TECE thermostat head**

Thermostat head M 30 x 1.5, setting range 1-5 (equivalent to 7-28 °C).

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 8740430   | 1 pc. | 15 pc. |

**TECE thermostat valve body, through type**

Thermostat valve body, through type, preconfigurable.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740431   | 1 pc. | 20 pc. |

**TECE thermostat valve body, corner type**

Thermostat valve body, corner type, preconfigurable.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740432   | 1 pc. | 20 pc. |

**TECE radiator return screw connection, through type**

Radiator return screw connection, through type.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740433   | 1 pc. | 20 pc. |

**TECE radiator return screw connection, corner type**

Radiator return screw connection, corner version.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740434   | 1 pc. | 20 pc. |

**TECE two-pipe valve block for HC, through type**

Two-pipe valve block for radiator, through type with 3/4" Eurocone.

| Dimension         | Order No. | DU 1  | DU 2   |
|-------------------|-----------|-------|--------|
| 3/4" EC x 3/4" EC | 8740435   | 1 pc. | 10 pc. |

**TECE two-pipe valve block for HC, corner type**

Two-pipe valve block for radiator, corner type with 3/4" Eurocone.

| Dimension         | Order No. | DU 1  | DU 2   |
|-------------------|-----------|-------|--------|
| 3/4" EC x 3/4" EC | 8740436   | 1 pc. | 10 pc. |



## TECEflex – Radiator connection

### TECE two-pipe valve block for HC 1/2" MT, through type

Two-pipe valve block for radiator, through type with 1/2" male thread and 3/4" Eurocone.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| 3/4" EC x R 1/2" | 8740437   | 1 pc. | 10 pc. |



### TECE two-pipe valve block for HC 1/2" MT, corner type

Two-pipe valve block for radiator, corner type with 1/2" male thread and 3/4" Eurocone.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| 3/4" EC x R 1/2" | 8740438   | 1 pc. | 10 pc. |



### TECEflex skirting board radiator connection set

For radiator connections from the skirting board. Incl. clamping ring connections 1/2" x 15 mm. Suitable for mounting with TECEflex skirting board radiator elbow or TECEflex skirting board radiator elbow shut-off.

| Dimension            | Order No. | DU 1  | DU 2   |
|----------------------|-----------|-------|--------|
| 16 x 16 x 15 mm Cu   | 730110    | 1 set | 10 set |
| 20 x 20 x 15 mm Cu   | 730115    | 1 set | 10 set |
| 20 x 16 x 15 mm Cu   | 730120    | 1 set | 10 set |
| 16 x 20 x 15 mm Cu   | 730125    | 1 set | 10 set |
| 16 x plug x 15 mm Cu | 730130    | 1 set | 10 set |
| Plug x 16 x 15 mm Cu | 730135    | 1 set | 10 set |



### TECEflex clamped joint for all-plastic pipes\*

To connect TECEflex all-plastic pipes to a Eurocone 3/4" MT. Designed for use in heating installations only.

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 14        | 713014    | 10 pc. | 100 pc. |
| 16        | 713516    | 10 pc. | 100 pc. |
| 20        | 713020    | 10 pc. | 100 pc. |



### TECEflex clamped joint for TECEflex multi-layer composite pipe\*

To connect TECEflex multi-layer composite pipes to a 3/4" Eurocone with male thread. Designed for use in heating installations only.

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 14        | 713314    | 10 pc. | 100 pc. |
| 16        | 713316    | 10 pc. | 100 pc. |
| 20        | 713320    | 10 pc. | 100 pc. |



**TECE EC Eurocone clamped joint for copper pipes\***

EC clamped joint for copper pipes 15 x 1 mm, with nickel-plated 3/4" union nut and Eurocone.

| Dimension                   | Order No. | DU 1  | DU 2    |
|-----------------------------|-----------|-------|---------|
| 3/4" for copper pipe 15 x 1 | 8740439   | 1 pc. | 100 pc. |

**TECEflex 3/4" Eurocone screw connector with TECEflex pressure connection made of brass, nickel-plated\***

Designed for use in heating installations only.

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16        | 7136161   | 10 pc. | 100 pc. |
| 20        | 7136201   | 10 pc. | 200 pc. |

**TECEflex Eurocone screw connection 3/4" with TECEflex press connection made of standard brass\***

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16        | 763616    | 10 pc. | 100 pc. |
| 20        | 763620    | 10 pc. | 100 pc. |

**TECEflex adapter screw connection with metallic sealing elements, standard brass**

Adapter screw connection for hard copper pipes, standard brass

| Dimension     | Order No. | DU 1   | DU 2    |
|---------------|-----------|--------|---------|
| 16 x 15 mm Cu | 713805    | 10 pc. | 100 pc. |
| 20 x 22 mm Cu | 713806    | 10 pc. | 100 pc. |

**TECE pipe connector 1/2" x 3/4" MT**

Nickel-plated pipe connector 1/2" x 3/4" Eurocone to connect radiators.

| Dimension      | Order No. | DU 1   |
|----------------|-----------|--------|
| 1/2" x 3/4" EC | 8740440   | 10 pc. |



\* The Eurocone is not subject to any standards and its use must be checked by the customer!

## TECEflex – System components

### TECEflex UP ball valve with handwheel\*

Flush-mounted ball valve for shutting off TECEflex pipes. Body and screw-in part made of standard brass in accordance with DIN EN 12164. Spindle with two O-rings, providing better guiding of the spindle and double safety. Ball made of chrome-plated brass. Ball seal made of PTFE. Full penetration, therefore minimum loss of pressure.

Max. permanent operating pressure: 90 °C. Pressure rating: 10 bar

Design:

- TECEflex connection on both sides
- With covering anchor plate and handle (chrome-plated)
- With colour coding (red/blue)

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16 x 16   | 751016    | 1 pc. | 10 pc. |
| 20 x 20   | 751020    | 1 pc. | 10 pc. |



### TECEflex UP ball valve with dummy cap\*

Flush-mounted ball valve for shutting off TECEflex pipes. Body and screw-in part made of standard brass in accordance with DIN EN 12164. Spindle with two O-rings, providing better guiding of the spindle and double safety. Ball made of chrome-plated brass. Ball seal made of PTFE. Full penetration, therefore minimum loss of pressure.

Max. permanent operating pressure: 90 °C. Pressure rating: 10 bar

Design:

- TECEflex connection on both sides
- With covering anchor plate and handle (chrome-plated)
- With colour coding (red/blue)

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16 x 16   | 751116    | 1 pc. | 10 pc. |
| 20 x 20   | 751120    | 1 pc. | 10 pc. |



### TECE UP extension, 23 mm

Flush-mounted extension 23 mm for concealed ball valves 1/2".

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 1/2"      | 8780200   | 1 pc. | 20 pc. |





### TECE stainless steel heating circuit manifold without flow rate indicator

Stainless steel radiator distribution manifold made of stainless-steel rectangular hollow section 40 x 1.5 mm, (grade 1.4301) in accordance with DIN EN 10088, G 1" union nut on primary side, flat sealing, nickel-plated brass, distance to heating circuit 50 mm.

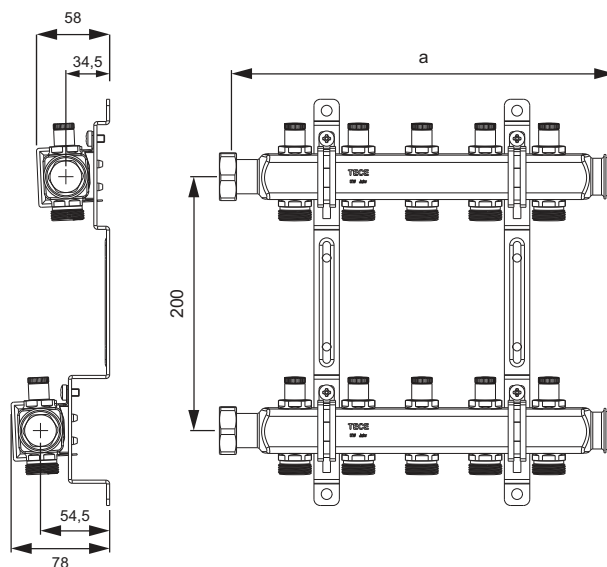
Fully pre-assembled feed and return with:

- Manifold bar with integrated control valves and black protective caps, in accordance with DIN EN 1264-4, outgoing side with pipe connectors on G 3/4" male thread, inside cone in accordance with DIN EN 16313, nickel-plated brass
- Two blanking plugs G 3/4", nickel-coated brass

Packaged in a sturdy carton including:

- Two dual wall brackets 200 x 54.4 x 34.5 with structure-borne sound insulation inserts (DIN 4109) incl. mounting material (1 dual wall bracket for manifold with 2 heating circuits)
- Two flat seals 1"

| Version             | a      | Order No. | DU 1  |
|---------------------|--------|-----------|-------|
| 2 heating circuits  | 152 mm | 7 12540   | 1 pc. |
| 3 heating circuits  | 202 mm | 7 12541   | 1 pc. |
| 4 heating circuits  | 252 mm | 7 12542   | 1 pc. |
| 5 heating circuits  | 302 mm | 7 12543   | 1 pc. |
| 6 heating circuits  | 352 mm | 7 12544   | 1 pc. |
| 7 heating circuits  | 402 mm | 7 12545   | 1 pc. |
| 8 heating circuits  | 452 mm | 7 12546   | 1 pc. |
| 9 heating circuits  | 502 mm | 7 12547   | 1 pc. |
| 10 heating circuits | 552 mm | 7 12548   | 1 pc. |
| 11 heating circuits | 602 mm | 7 12549   | 1 pc. |
| 12 heating circuits | 652 mm | 7 12550   | 1 pc. |



## TECEflex – Manifolds

### TECE stainless steel heating circuit manifold without flow rate indicator and control valves

Stainless steel radiator distribution manifold made of stainless-steel rectangular hollow section 40 x 1.5 mm (grade 1.4301) to DIN EN 10088, with G 1" union nut on primary side, flat sealing, nickel plated brass, distance to heating circuit 50 mm.

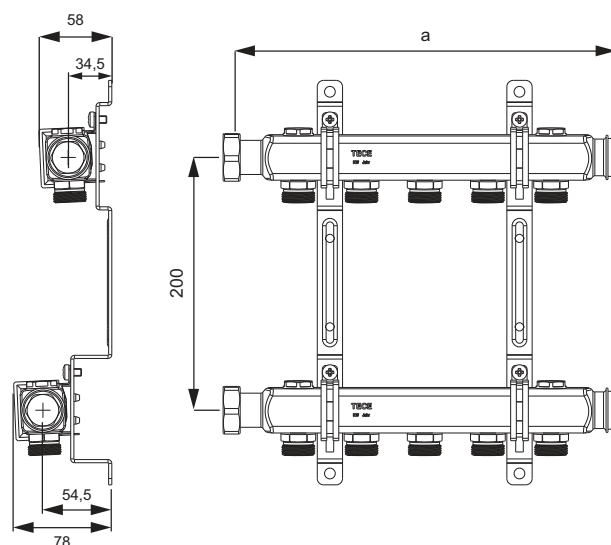
Fully pre-assembled feed and return with:

- Manifold bar with pipe connectors on G 3/4" male thread, inside cone to DIN EN 16313, nickel-plated brass
- Two blanking plugs G 3/4", nickel-plated brass
- Four blanking plugs G 1/2", nickel-plated brass

Packaged in a sturdy carton including:

- Two dual wall brackets 200 x 54.4 x 34.5 with structure-borne sound insulation inserts (DIN 4109) incl. mounting material (1 dual wall bracket for distributor with 2 heating circuits)
- Two flat seals 1"

| Version             | a      | Order No. | DU 1  |
|---------------------|--------|-----------|-------|
| 2 heating circuits  | 152 mm | 7 12551   | 1 pc. |
| 3 heating circuits  | 202 mm | 7 12552   | 1 pc. |
| 4 heating circuits  | 252 mm | 7 12553   | 1 pc. |
| 5 heating circuits  | 302 mm | 7 12554   | 1 pc. |
| 6 heating circuits  | 352 mm | 7 12555   | 1 pc. |
| 7 heating circuits  | 402 mm | 7 12556   | 1 pc. |
| 8 heating circuits  | 452 mm | 7 12557   | 1 pc. |
| 9 heating circuits  | 502 mm | 7 12558   | 1 pc. |
| 10 heating circuits | 552 mm | 7 12559   | 1 pc. |
| 11 heating circuits | 602 mm | 7 12560   | 1 pc. |
| 12 heating circuits | 652 mm | 7 12561   | 1 pc. |



### TECE fill and drain set with ventilation function 3/4" for TECE heating circuit manifold

| Order No. | DU 1  |
|-----------|-------|
| 7 12562   | 1 pc. |



### TECEflex manifold made of red brass/silicon bronze

Manifold trunk 3/4"; one side with Rp 3/4"; female thread, other side with R 3/4"; male thread. TECEflex outlets dim. 16 (without 3/4"; cap and plug).

| Dimension                       | Order No. | DU 1  | DU 2   |
|---------------------------------|-----------|-------|--------|
| R 3/4" x Rp 3/4" x 16 Two-way   | 7 12201   | 1 pc. | 12 pc. |
| R 3/4" x Rp 3/4" x 16 Three-way | 7 12202   | 1 pc. | 12 pc. |



### TECE universal manifold, with shut-off, standard brass

TECE manifold, valve with shut-off 3/4" FT/MT, outlet 3/4" Eurocone.

| Dimension                | Order No. | DU 1  | DU 2   |
|--------------------------|-----------|-------|--------|
| 3/4" x 3/4" EC Two-way   | 8730006   | 1 pc. | 24 pc. |
| 3/4" x 3/4" EC Three-way | 8730007   | 1 pc. | 24 pc. |





### TECEflex – Gas installation

TECEflex can be used for domestic gas installations in Germany up to a pressure of 100 mbar. The certification applies for gases of the second and third Gas family (natural and liquefied gas). The regulations in accordance with the TRGI 2008 und der TRF 2012 apply for the installation. In addition, the regional building regulation as well as the regional fire protection regulations have to be observed for an expert installation. The national regulations, standards and worksheets as well as the accident prevention regulations and the recognised engineering rules also apply. The technical specification of TECEflex system shall have to be observed.

#### The following are available for gas installation:

- Metal fittings made of brass or red brass/silicon bronze
- Multi-layer composite pipes in yellow
- Gas safety valves specially devised for the TECEflex system with integrated type K gas flow monitor and thermal shut-off unit

#### Restrictions:

- No PPSU fittings may be used.
- Only the yellow multi-layer composite pipes may be used for gas installation. The use of five-layer plastic pipes or the white multi-layer composite pipes is not permitted.

### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT, yellow

Suitable for indoor gas installations. The regulations in accordance with TRGI 2008 and TRF 2012 shall apply for the installation.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 - Roll | 732316    | 100 m | 1000 m | 2000 m |
| 16 - Roll | 732330    | 25 m  | 250 m  | -      |
| 20 - Roll | 732320    | 100 m | 700 m  | 1400 m |
| 20 - Roll | 732331    | 25 m  | 250 m  | -      |
| 25 - Roll | 732325    | 50 m  | 250 m  | 500 m  |
| 25 - Roll | 732332    | 25 m  | 250 m  | -      |
| 32 - Roll | 782032    | 25 m  | 125 m  | -      |
| 16 - Rod  | 732416    | 100 m | -      | -      |
| 20 - Rod  | 732420    | 70 m  | -      | -      |
| 25 - Rod  | 732425    | 45 m  | -      | -      |
| 32 - Rod  | 732432    | 30 m  | -      | -      |
| 40 - Rod  | 732440    | 15 m  | -      | -      |
| 50 - Rod  | 732450    | 15 m  | -      | -      |
| 63 - Rod  | 732463    | 5 m   | -      | -      |

(rod each 5 m)



### TECEflex corrugated sheath pipe, yellow for 32 mm TECEflex multi-layer composite pipe

Yellow corrugated sheath pipe 32 mm for yellow TECEflex multi-layer composite pipe.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 32 - Roll | 782033    | 25 m | 250 m |



## TECEflex – Gas installation

### TECEflex multi-layer composite pipe PE-Xc/Al/PE-RT, yellow, in yellow corrugated sheath pipe

Suitable for indoor gas installations. The regulations in accordance with TRGI 2008 and TRF 2012 shall apply for the installation.

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 16 - Roll | 782016    | 50 m | 500 m |
| 20 - Roll | 782020    | 50 m | 350 m |
| 25 - Roll | 782025    | 25 m | 150 m |



### TECEflex gas safety fitting, can be installed vertically upward or horizontally

Gas safety fitting, combines a thermal shut-off unit (TAE) with a type K gas flow detector in a metal housing. The fitting can be installed horizontally and vertically upright. Installation facing downward is not permitted. The safety has been tested in keeping with DVGW VP 305-1. One side with a parallel male thread to DIN EN 10226-1 and on the other side with a TECEflex connection.

| Dimension             | Order No. | DU 1  | DU 2   |
|-----------------------|-----------|-------|--------|
| 20 x R 1" GFG 2.5/TSO | 750202    | 1 pc. | 10 pc. |
| 25 x R 1" GFG 2.5/TSO | 750204    | 1 pc. | 10 pc. |
| 25 x R 1" GFG 4/TSO   | 750206    | 1 pc. | 10 pc. |
| 32 x R 1" GFG 4/TSO   | 750208    | 1 pc. | 10 pc. |
| 32 x R 1" GFG 6/TSO   | 750210    | 1 pc. | 10 pc. |



#### Note:

You can use the TECEflex Gas software for calculation of the dimensions of internal gas installations using the TECEflex piping system. This table-based program is quick to learn and easy to use. You can download it for free from our website ([www.tece.de](http://www.tece.de)).

**TECEflex hygienic closure set in case**

For closing pipe ends during the construction phase. Set consists of closures for female and male threads as well as for open pipe ends and nozzles. Packed in assortment case.

Contents consist of:

- 1 x closures for female thread Rp 1/2" to Rp 2"
- 1 x closures for male thread R 1/2" to R 2"
- 1 x closures for Flex nozzle dim. 16 to dim. 63
- 1 x closures for Flex pipe ends dim. 16 to dim. 63



| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16-63     | 720580    | 1 set | 10 set |

**TECEflex hygienic closure female thread**

For female thread from Rp 1/2" to Rp 2", refill pack.

Content consisting of:

- 30 x closures for female thread Rp 1/2"
- 25 x closures for female thread Rp 3/4"
- 10 x closures for female thread Rp 1"
- 10 x closures for female thread Rp 1 1/4"
- 8 x closures for female thread Rp 1 1/2"
- 6 x closures for female thread Rp 2"



| Dimension     | Order No. | DU 1  | DU 2   |
|---------------|-----------|-------|--------|
| Rp 1/2"-Rp 2" | 720581    | 1 set | 10 set |

**TECEflex hygienic closure male thread**

For male thread from R 1/2" to R 2", refill pack.

Content consisting of:

- 30 x closures for male thread R 1/2"
- 25 x closures for male thread R 3/4"
- 10 x closures for male thread R 1"
- 10 x closures for male thread R 1 1/4"
- 8 x closures for male thread R 1 1/2"
- 6 x closures for male thread R 2"



| Dimension   | Order No. | DU 1  | DU 2   |
|-------------|-----------|-------|--------|
| R 1/2"-R 2" | 720582    | 1 set | 10 set |

**TECEflex hygienic closure nozzle**

For nozzles of dim. 16-63, refill pack.

Content consisting of:

- 30 x closures for nozzle dim. 16
- 25 x closures for nozzle dim. 20
- 10 x closures for nozzle dim. 25
- 10 x closures for nozzle dim. 32
- 10 x closures for nozzle dim. 40
- 8 x closures for nozzle dim. 50
- 6 x closures for nozzle dim. 63



| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16-63     | 720583    | 1 set | 10 set |

## TECEflex – Accessories

### TECEflex hygienic closure pipe

For open pipe ends of dim. 16-63, refill pack.

Content consisting of:

- 30 x closures for pipe end dim. 16
- 25 x closures for pipe end dim. 20
- 10 x closures for pipe end dim. 25
- 10 x closures for pipe end dim. 32
- 10 x closures for pipe end dim. 40
- 8 x closures for pipe end dim. 50
- 6 x closures for pipe end dim. 63



| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16-63     | 720584    | 1 set | 10 set |

### TECE pipe clip made of polyamide, white

One-piece pipe clip made of white polyamide. Pipe clip closes when pipe is pressed in. Thanks to patented lateral guides, two or more clips can be joined together.

**Note:**

Not permitted for gas installation!



| Dimension | Order No. | DU 1    | DU 2     |
|-----------|-----------|---------|----------|
| 14        | 785036    | 100 pc. | 2000 pc. |
| 16        | 785037    | 100 pc. | 2000 pc. |
| 20        | 785038    | 50 pc.  | 1000 pc. |
| 25        | 785039    | 50 pc.  | 1000 pc. |
| 32        | 785040    | 50 pc.  | 1000 pc. |
| 40        | 785041    | 25 pc.  | 250 pc.  |

**TECEflex manual pipe expanding tool, type: RAZ-V**

To expand TECEflex PE-X and composite pipes dim. 16-32.

Consisting of:

- Pipe expanding tool, manual
- Expanding heads dim. 16-32
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-32     | 720056    | 1 pc. |

**TECEflex manual pressing tool for pressure sleeve, type: HPW-L**

For sliding on and pressing TECEflex pressure sleeves.

Consisting of:

- Manual pressing tool
- Fork heads dim. 14-32
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 14-32     | 720050    | 1 pc. |

**TECEflex manual tool set**

Consisting of:

- TECEflex manual pipe expanding tool
- Expanding heads dim. 16-32
- Manual pressing tool for TECEflex pressure sleeves
- Fork heads dim. 14-32
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-32     | 720203    | 1 set |
| 16-20     | 720204    | 1 set |

## TECEflex – Tools

### TECEflex RazFaz cordless expanding tool

Light-weight and easy-to-handle tool for electric expanding of TECEflex pipes dim. 16-32.

Consisting of:

- RazFaz cordless expanding tool
- Expanding heads dim. 16-32
- Powerful NiMh rechargeable battery pack
- Fast battery charger
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-32     | 720172    | 1 set |

### TECEflex RazFaz accumulator-operated pressing tool

Light-weight and easy-to-handle pressing tool for dimensions from 14-32 mm. Permits rational working even in narrow mounting situations or pressing directly on the wall.

Consisting of:

- RazFaz cordless pressing tool
- Double pressing forks dim. 14/16-20 and 25-32
- Powerful NiMh rechargeable battery pack
- Fast battery charger
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 14-32     | 720173    | 1 set |

### TECEflex RazFaz tool set

Consisting of:

- RazFaz cordless expanding tool
- RazFaz cordless pressing tool
- Expanding heads dim. 16-32
- Double pressing forks dim. 14/16-20 and 25-32
- 2 rechargeable batteries
- Fast battery charger
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 14-32     | 720174    | 1 set |



**TECEflex PMA 40 63 pressing tool and TECEflex expanding set in tool case**

Pressing machine attachment for the mechanical pressing of TECEflex connections dim. 40-63. A standard commercial press machine with 32 kN pressure is required to use the tool.

Consisting of:

- Pressing machine attachment PMA 40 63
- Pressing forks dim. 40-63
- Expanding tool AWS 40 63 for pressing machines
- Expanding heads dim. 40-63
- Robust tool case



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 40-63     | 720170    | 1 set |

**TECEflex expanding head for AWS 40 63**

For the expanding tool AWS 40 63 of the PMA 40 63 set for TECEflex pipes dim. 25 and 32.



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 25 and 32 | 720128    | 1 pc. |

**TECE bending machine dimension 16-32 mm**

Compact, one-hand pipe bender, dimension 16-32 mm for TECEflex and TECElogo multi-layer composite pipes to produce consistent pipe bends. Complete with case, with matrices for 16/20/25/32 mm. Bending angle 0-90°.



| Order No. | DU 1  |
|-----------|-------|
| 720222    | 1 pc. |

**TECE bending machine dimension 40-63 mm**

Manually operated hydraulic bending machine for TECEflex and TECElogo multi-layer composite pipes, dimensions 40-63 mm for use on-site or prefabrication. Complete with wooden box, with matrices for 40/50/63 mm. Bending angle 0-90°.



| Order No. | DU 1  |
|-----------|-------|
| 720223    | 1 pc. |

## TECEflex – Tools

### TECEflex pipe scissors

**Caution:**

Use the pipe scissors to cut TECEflex pipes only!

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 720005    | 1 pc. |
| 14-40     | 720093    | 1 pc. |



### TECE pipe cutter

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 14-63     | 8760008   | 1 pc. |



### TECE corrugated sheath pipe cutter

For corrugated sheath pipe 14-25 mm.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 720090    | 1 pc. |



### TECE laying winder

Laying winder, foldable, variably adjustable for TECEfloor, TECEflex and TECElogo rolls up 600 m length.

| Dimension   | Order No. | DU 1  |
|-------------|-----------|-------|
| up to 600 m | 720193    | 1 pc. |



### TECE pipe straightener

To be mounted on the laying winder for straight removal of 16 and 20 mm TECEflex and TECElogo composite pipes.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16 and 20 | 720194    | 1 pc. |



**TECEflex starter set red brass/silicon bronze/PPSU**

Plastic assortment case with standard parts from the TECEflex range, threaded components made of red brass/silicon bronze.

| Pos. | Order No. | Designation                       | Quantity |
|------|-----------|-----------------------------------|----------|
| 1    | 734516    | Pressure sleeve composite pipe 16 | 100      |
| 2    | 705102    | Female connector 16 x Rp 1/2"     | 10       |
| 3    | 708610    | Wall disk 16 x Rp 1/2"            | 10       |
| 4    | 705601    | Male connector 16 x R 1/2"        | 10       |
| 5    | 730916    | Tee 16 x 16 x 16                  | 10       |
| 6    | 737016    | Elbow 90° 16 x 16                 | 10       |
| 7    | 736016    | Coupling 16 x 16                  | 10       |

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 700004    | 1 pc. |

**TECEflex starter set (standard brass/PPSU)\***

Plastic assortment case with common components of the TECEflex range (dimension 16). Threaded components made of standard brass.

| Pos. | Order No. | Designation                       | Quantity |
|------|-----------|-----------------------------------|----------|
| 1    | 734516    | Pressure sleeve composite pipe 16 | 100      |
| 2    | 765002    | Female connector 16 x Rp 1/2"     | 10       |
| 3    | 768516    | Wall disk 16 x Rp 1/2"            | 10       |
| 4    | 765502    | Male connector 16 x R 1/2"        | 10       |
| 5    | 730916    | Tee 16 x 16 x 16                  | 10       |
| 6    | 737016    | Elbow 90° 16 x 16                 | 10       |
| 7    | 736016    | Coupling 16 x 16                  | 10       |

| Order No. | DU 1  |
|-----------|-------|
| 700003    | 1 pc. |



## TECEflex – Starter set

### TECEflex starter set (standard brass)\*

Plastic assortment case with common components of the TECEflex range (dimension 16).

| Pos. | Order No. | Designation                       | Quantity |
|------|-----------|-----------------------------------|----------|
| 1    | 734516    | Pressure sleeve composite pipe 16 | 100      |
| 2    | 765002    | Female connector 16 x Rp 1/2"     | 10       |
| 3    | 768516    | Wall disk 16 x Rp 1/2"            | 10       |
| 4    | 765502    | Male connector 16 x R 1/2"        | 10       |
| 5    | 760016    | Tee 16 x 16 x 16                  | 10       |
| 6    | 767016    | Elbow 90° 16 x 16                 | 10       |
| 7    | 766016    | Coupling 16 x 16                  | 10       |

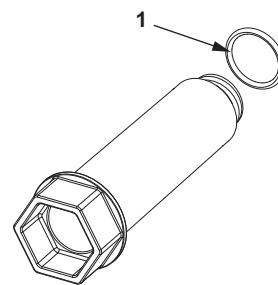
| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 700002    | 1 pc. |



## TECE Seal System assembly plug with sealing sleeve

## TECE Seal System sealing set for wall bushings

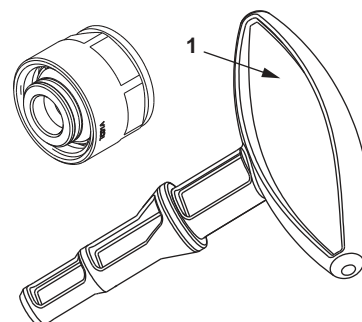
| Pos. | Order No. | Designation              | DU 1   |
|------|-----------|--------------------------|--------|
| 1    | 704808    | O-ring for assembly plug | 10 pc. |



## TECEflex clamped joint for all-plastic pipes

## TECEflex clamped joint for TECEflex multi-layer composite pipe

| Pos. | Order No. | Designation | DU 1   |
|------|-----------|-------------|--------|
| 1    | 720040    | Calibrator  | 10 pc. |



## TECEflex UP ball valve with handwheel

| Pos. | Order No. | Designation | DU 1  |
|------|-----------|-------------|-------|
| 1    | 8780000   | Handwheel   | 1 pc. |



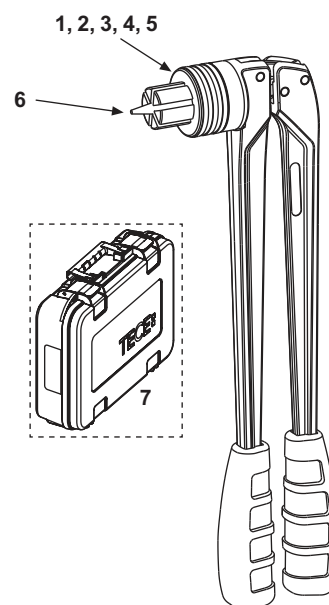
## TECEflex UP ball valve with dummy cap

| Pos. | Order No. | Designation | DU 1  |
|------|-----------|-------------|-------|
| 1    | 8780100   | Dummy cap   | 1 pc. |



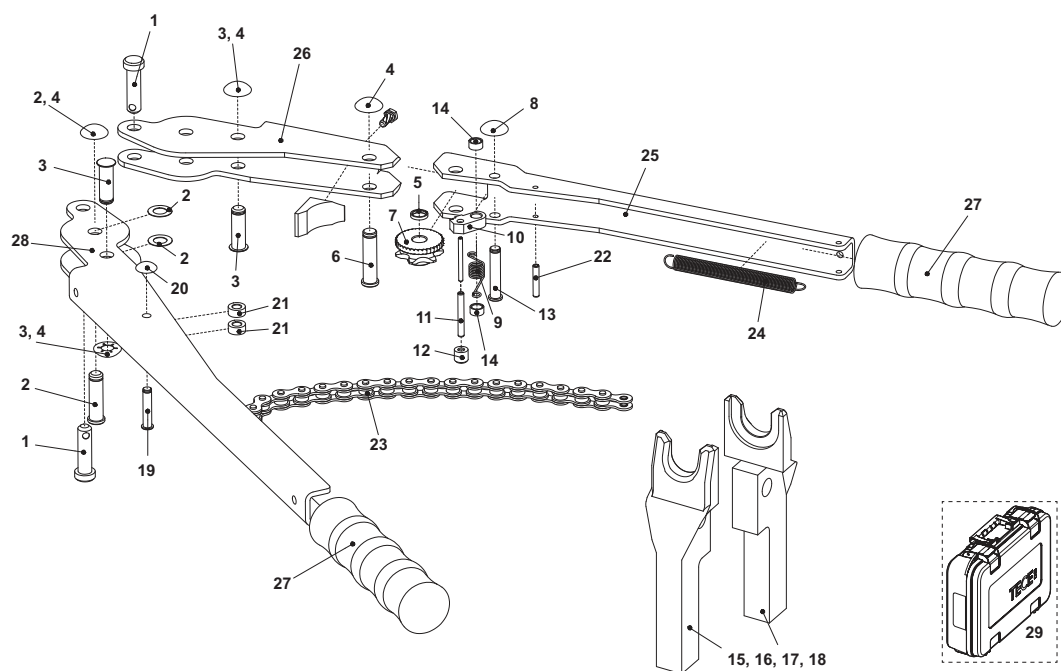
## 720056 – TECEflex manual pipe expanding tool, type: RAZ-V

| Pos. | Order No. | Designation                         | DU 1  |
|------|-----------|-------------------------------------|-------|
| 1    | 720041    | Expanding head V 14 mm              | 1 pc. |
| 2    | 720042    | Expanding head V 16 mm              | 1 pc. |
| 3    | 720043    | Expanding head V 20 mm              | 1 pc. |
| 4    | 720045    | Expanding head V 25 mm              | 1 pc. |
| 5    | 720046    | Expanding head V 32 mm              | 1 pc. |
| 6    | 720095    | Spare mandrel for RAZ-V             | 1 pc. |
| 7    | 720202    | Tool case for TECEflex manual tools | 1 pc. |



# TECEflex – Spare parts

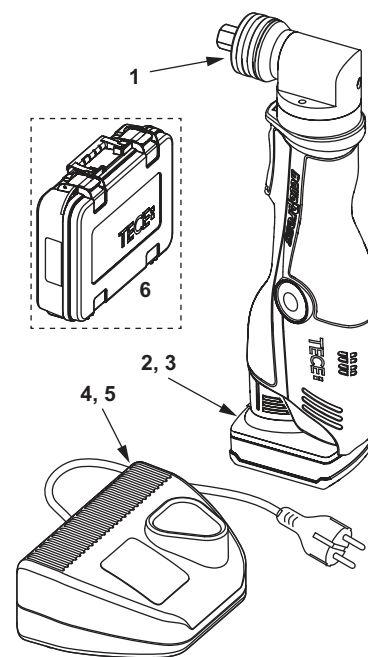
720050 – TECEflex manual pressing tool for pressure sleeve, type: HPW-L



| Pos. | Order No. | Designation                                                                                  | DU 1  |
|------|-----------|----------------------------------------------------------------------------------------------|-------|
| 1    | 720064    | Retaining bolts for fork heads                                                               | 1 pc. |
| 2    | 720048    | Central bolt including retaining ring                                                        | 1 pc. |
| 3    | 720072    | Fork connection bolt including retaining ring                                                | 1 pc. |
| 4    | 720096    | Retaining ring for central, fork connection and sprocket bolts                               | 1 pc. |
| 5    | 720169    | Spacer ring for sprocket bolts                                                               | 1 pc. |
| 6    | 720097    | Bolt for sprocket                                                                            | 1 pc. |
| 7    | 720158    | Sprocket                                                                                     | 1 pc. |
| 8    | 720069    | Retaining ring for pawl                                                                      | 1 pc. |
| 9    | 720060    | Hinge spring for pawl                                                                        | 1 pc. |
| 10   | 720110    | Pawl                                                                                         | 1 pc. |
| 11   | 720165    | Spring pin for pawl                                                                          | 1 pc. |
| 12   | 720166    | Cap                                                                                          | 1 pc. |
| 13   | 720160    | Bolt for pawl                                                                                | 1 pc. |
| 14   | 720168    | Spacer ring for pawl                                                                         | 1 pc. |
| 15   | 720061    | Yoke set 14 / 16 mm                                                                          | 1 pc. |
| 16   | 720062    | Yoke set 20 mm                                                                               | 1 pc. |
| 17   | 720063    | Yoke set 25 mm                                                                               | 1 pc. |
| 18   | 720079    | Yoke set 32 mm                                                                               | 1 pc. |
| 19   | 720066    | Chain pin                                                                                    | 1 pc. |
| 20   | 720067    | Circlip for chain pin                                                                        | 1 pc. |
| 21   | 720161    | Spacer ring for sprocket bolts                                                               | 1 pc. |
| 22   | 720162    | Spring pin for hinge spring                                                                  | 1 pc. |
| 23   | 720102    | Roller chain                                                                                 | 1 pc. |
| 24   | 720091    | Tensioning spring for roller chain                                                           | 1 pc. |
|      | 720115    | Conversion set to replace tensioning spring (up to 06.2001) with hinge spring (from 07.2001) | 1 pc. |
| 25   | 720157    | Handle, long                                                                                 | 1 pc. |
| 26   | 720156    | Handle, short                                                                                | 1 pc. |
| 27   | 720153    | Protective handle                                                                            | 1 pc. |
| 28   | 720150    | Handle                                                                                       | 1 pc. |
| 29   | 720202    | Tool case for TECEflex manual tools                                                          | 1 pc. |

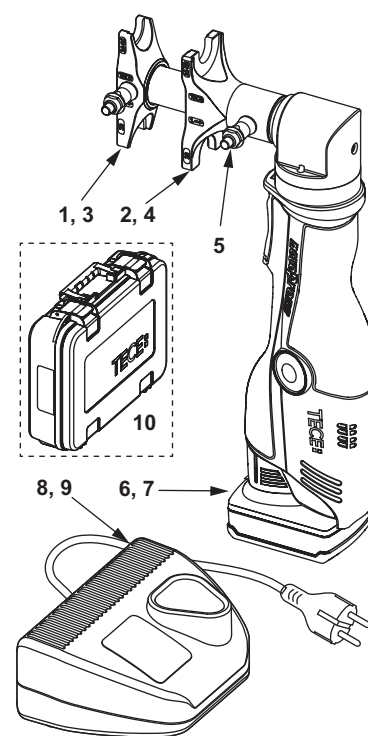
## 720172 – TECEflex RazFaz cordless expanding tool

| Pos. | Order No. | Designation                                                                         | DU 1  |
|------|-----------|-------------------------------------------------------------------------------------|-------|
| 1    | 720041    | Expanding head V 14 mm                                                              | 1 pc. |
|      | 720042    | Expanding head V 16 mm                                                              | 1 pc. |
|      | 720043    | Expanding head V 20 mm                                                              | 1 pc. |
|      | 720045    | Expanding head V 25 mm                                                              | 1 pc. |
|      | 720046    | Expanding head V 32 mm                                                              | 1 pc. |
| 2    | 720210    | Li-Ion rechargeable battery 3.0 Ah for RazFaz tools (from 2014, red tools)          | 1 pc. |
| 3    | 720175    | NiMh spare rechargeable battery 3.0 Ah for RazFaz devices (until 2014, black tools) | 1 pc. |
| 4    | 720211    | Charger for RazFaz devices (from 2014, red tools)                                   | 1 pc. |
| 5    | 720179    | Charger for RazFaz tools (until 2014, black tools)                                  | 1 pc. |
| 6    | 720212    | Tool case for RazFaz tools                                                          | 1 pc. |



## 720173 – TECEflex RazFaz accumulator-operated pressing tool

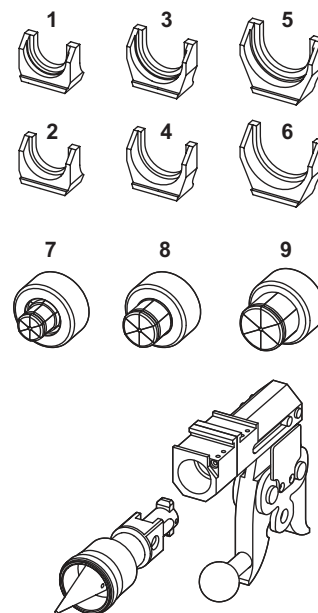
| Pos. | Order No. | Designation                                                                         | DU 1  |
|------|-----------|-------------------------------------------------------------------------------------|-------|
| 1    | 720205    | RazFaz pressing forks 14/16-20 front                                                | 1 pc. |
| 2    | 720206    | RazFaz pressing forks 14/16-20 rear                                                 | 1 pc. |
| 3    | 720207    | RazFaz pressing forks 25-32 front                                                   | 1 pc. |
| 4    | 720208    | RazFaz pressing forks 25-32 rear                                                    | 1 pc. |
| 5    | 720209    | Replacement bolt for RazFaz cordless expanding tool                                 | 1 pc. |
| 6    | 720210    | Li-Ion rechargeable battery 3.0 Ah for RazFaz tools (from 2014, red tools)          | 1 pc. |
| 7    | 720175    | NiMh spare rechargeable battery 3.0 Ah for RazFaz devices (until 2014, black tools) | 1 pc. |
| 8    | 720211    | Charger for RazFaz devices (from 2014, red tools)                                   | 1 pc. |
| 9    | 720179    | Charger for RazFaz tools (until 2014, black tools)                                  | 1 pc. |
| 10   | 720212    | Tool case for RazFaz tools                                                          | 1 pc. |



## TECEflex – Spare parts

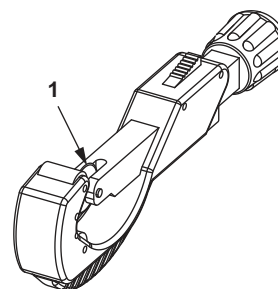
### 720170 – TECEflex PMA 40 63 pressing tool and TECEflex expanding set in tool case

| Pos. | Order No. | Designation                            | DU 1  |
|------|-----------|----------------------------------------|-------|
| 1    | 720213    | PMA 40 63 pressing forks 40 mm fitting | 1 pc. |
| 2    | 720214    | PMA 40 63 pressing forks 40 mm sleeve  | 1 pc. |
| 3    | 720215    | PMA 40 63 pressing forks 50 mm fitting | 1 pc. |
| 4    | 720216    | PMA 40 63 pressing forks 50 mm sleeve  | 1 pc. |
| 5    | 720217    | PMA 40 63 pressing forks 63 mm fitting | 1 pc. |
| 6    | 720218    | PMA 40 63 pressing forks 63 mm sleeve  | 1 pc. |
| 7    | 720219    | PMA 40 63 expanding head 40 mm         | 1 pc. |
| 8    | 720220    | PMA 40 63 expanding head 50 mm         | 1 pc. |
| 9    | 720221    | PMA 40 63 expanding head 63 mm         | 1 pc. |



### 8760008 – TECE pipe cutter

| Pos. | Order No. | Designation                               | DU 1  |
|------|-----------|-------------------------------------------|-------|
| 1    | 8760009   | Replacement cutting wheel for pipe cutter | 1 pc. |





| TECEflex system pipes                         | Composite pipes      |                         |            |                    |      |      |      |      |
|-----------------------------------------------|----------------------|-------------------------|------------|--------------------|------|------|------|------|
| Pipe designation                              | PE-Xc/Al/PE          |                         |            |                    |      |      |      |      |
| Dimension                                     | 14                   | 16                      | 20         | 25                 | 32   | 40   | 50   | 63   |
| Delivery length – roll in m                   | 120                  | 100                     | 100        | 50                 | -    | -    | -    | -    |
| Ready-cut pipes in m (5 m/pipe)               | -                    | 100                     | 70         | 45                 | 30   | 15   | 15   | 5    |
| Field of application*                         | HKA, FBH, DLA        | TWA, HKA, FBH, DLA, GAS |            | TWA, HKA, DLA, GAS |      |      |      |      |
| Application class/ operating pressure         | 2/10 bar<br>5/10 bar |                         |            |                    |      |      |      |      |
| Colour                                        | white                | white<br>yellow         |            |                    |      |      |      |      |
| Outside diameter in mm                        | 15                   | 17                      | 21         | 26                 | 32   | 40   | 50   | 63   |
| Wall thickness in mm                          | 2.60                 | 2.75                    | 3.45       | 4.00               | 4.00 | 4.00 | 4.50 | 6.00 |
| Inside diameter in mm                         | 9.8                  | 11.5                    | 14.1       | 18                 | 24   | 32   | 41   | 51   |
| Available in corrugated protective pipe       | yes                  |                         |            |                    | -    |      |      |      |
| Available with insulation<br>λ = 0.040 W/(mK) |                      |                         |            |                    |      |      |      |      |
| - 6 mm                                        | --                   | yes                     |            |                    | --   |      |      |      |
| - 9 mm                                        | --                   | yes                     |            |                    | --   |      |      |      |
| - 13 mm                                       | --                   | yes                     |            |                    | --   |      |      |      |
| Pipe weight empty in kg/m                     | 0.11                 | 0.14                    | 0.21       | 0.30               | 0.40 | 0.53 | 0.80 | 1.29 |
| Internal volume in dm³/m                      | 0.08                 | 0.10                    | 0.16       | 0.25               | 0.45 | 0.80 | 1.32 | 2.04 |
| Pipe roughness in mm                          | 0.007                |                         |            |                    |      |      |      |      |
| Thermal conductivity uninsulated in W/(m²K)   | 0.35                 |                         |            |                    |      |      |      |      |
| Coefficient of thermal expansion in mm/(mK)   | 0.026                |                         |            |                    |      |      |      |      |
| Minimum bending radius in mm (5 x dimension)  | 70                   | 80                      | 100 (80)** | 125                | 160  | 200  | 250  | 315  |

\* TWA - potable water systems; HKA - radiator connection; FBH - floor heating; DLA - compressed air systems; GAS - gas installation  
The classification of the application classes corresponds to the information in ISO 10508[4].

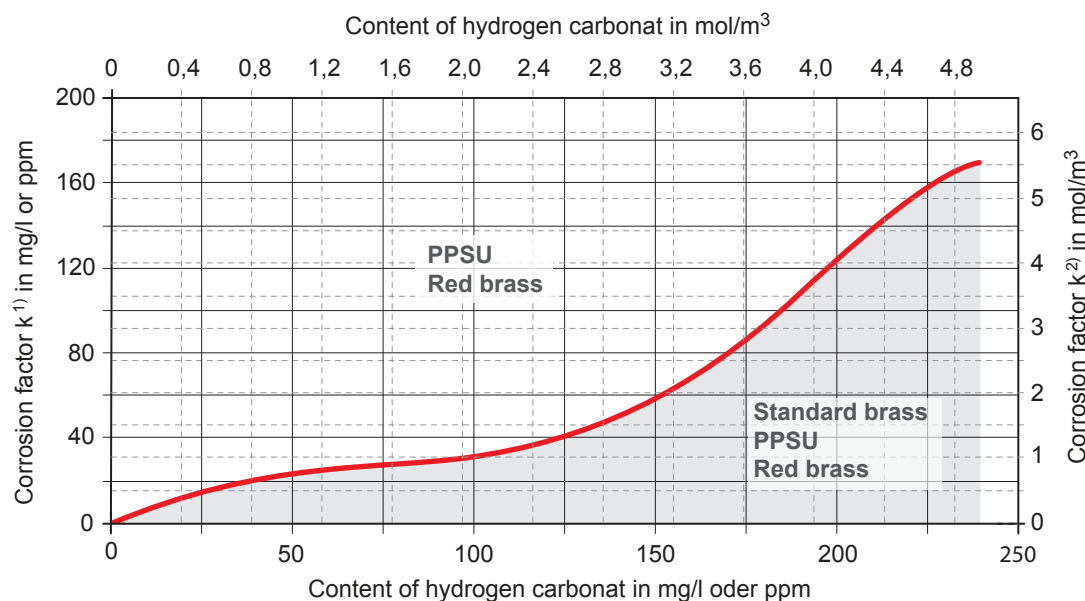
\*\* Pipes of dimension 20 can also be bent with 4 times the dimension.

# TECEflex – Technical pipe data

| TECEflex system pipes                                                                                  | PE-Xc 5S universal pipe<br>in accordance with<br>DIN EN ISO 15875 |      | PE-MDXc 5S heating<br>pipes in accordance with<br>DIN 4724 |         | PE-Xc potable water pipes<br>in accordance with<br>DIN 16892 |      |      | PE-Xc heating pipe in<br>accordance with DIN 4726 |      |      |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------------------------------------------------------------|---------|--------------------------------------------------------------|------|------|---------------------------------------------------|------|------|
| Pipe designation                                                                                       | PE-Xc                                                             |      | PE-MDXc 5S                                                 |         | PE-Xc                                                        |      |      | PE-Xc                                             |      |      |
| Dimension                                                                                              | 16                                                                | 20   | 16                                                         | 20      | 16                                                           | 20   | 25   | 16                                                | 20   | 25   |
| Delivery length – roll in m                                                                            | 200                                                               | 120  | 200/600                                                    | 200/600 | 50                                                           | 50   | 50   | 120                                               | 75   | 75   |
| Ready-cut pipes in m (5 m/pipe)                                                                        | -                                                                 | -    | -                                                          | -       | -                                                            | -    | -    | -                                                 | -    | -    |
| Field of application*                                                                                  | TWA,FBH, HKA, DLA                                                 |      | FBH, HKA                                                   |         | TWA                                                          |      |      | FBH, HKA                                          |      |      |
| Application class/operating pressure                                                                   | 2/10 bar<br>5/6 bar                                               |      | 5/6 bar                                                    |         | 2/10 bar                                                     |      |      | 5/6 bar                                           |      |      |
| Colour                                                                                                 | silver                                                            |      | mother of pearl                                            |         | mother of pearl                                              |      |      | silver                                            |      |      |
| Outside diameter in mm                                                                                 | 16                                                                | 20   | 16                                                         | 20      | 16                                                           | 20   | 25   | 16                                                | 20   | 25   |
| Wall thickness in mm                                                                                   | 2.2                                                               | 2.8  | 2.0                                                        | 2.8     | 2.2                                                          | 2.85 | 3.5  | 2.0                                               | 2.8  | 3.5  |
| Inside diameter in mm                                                                                  | 11.6                                                              | 14.4 | 12                                                         | 14.4    | 11.6                                                         | 14.3 | 18   | 12                                                | 14.4 | 18.0 |
| Available in corrugated protective pipe                                                                | yes                                                               |      | -                                                          |         | -                                                            |      |      | -                                                 |      |      |
| Lieferbar mit Dämmung<br>$\lambda = 0,040 \text{ W/(m} \cdot \text{K)}$<br>- 6 mm<br>- 9 mm<br>- 13 mm | --                                                                | --   | --                                                         | --      | --                                                           | --   | --   | --                                                | --   | --   |
| Pipe weight empty in kg/m                                                                              | 0.09                                                              | 0.14 | 0.08                                                       | 0.14    | 0.09                                                         | 0.14 | 0.22 | 0.08                                              | 0.14 | 0.22 |
| Internal volume in dm <sup>3</sup> /m                                                                  | 0.11                                                              | 0.16 | 0.11                                                       | 0.16    | 0.11                                                         | 0.16 | 0.25 | 0.11                                              | 0.16 | 0.25 |
| Pipe roughness in mm                                                                                   | 0.007                                                             |      | 0.007                                                      |         | 0.007                                                        |      |      | 0.007                                             |      |      |
| Thermal conductivity uninsulated in W/(m <sup>2</sup> K)                                               | 0.35                                                              |      | 0.35                                                       |         | 0.35                                                         |      |      | 0.35                                              |      |      |
| Coefficient of thermal expansion in mm/(mK)                                                            | 0.2                                                               |      | 0.2                                                        |         | 0.2                                                          |      |      | 0.2                                               |      |      |
| Minimum bending radius in mm<br>(5 x dimension)                                                        | 80                                                                | 100  | 80                                                         | 100     | 80                                                           | 100  | 125  | 80                                                | 100  | 125  |

\* TWA – potable water system; HKA – radiator connection; FBH – floor heating; DLA - compressed air systems  
The classification of the application classes corresponds to the information in ISO 10508[4].

## Selection of materials for fitting materials according to ISO 10508



<sup>1</sup>) k = content of chlorid Cl + 1/3 content of sulphate SO<sub>4</sub> (in mg/l)

<sup>2</sup>) k = content of chlorid Cl + content of sulphate SO<sub>4</sub> (in mol/m<sup>3</sup>)

## Application classes and classification of operating conditions in accordance with ISO 10508

| Application class | Calculated temperature T <sub>D</sub> °C | Operating duration <sup>b</sup> at T <sub>D</sub> Years <sup>a</sup> | T <sub>max</sub> °C | Operating duration at T <sub>max</sub> Years | T <sub>mal</sub> °C | Operating duration at T <sub>mal</sub> Hours | Typical application area                              |
|-------------------|------------------------------------------|----------------------------------------------------------------------|---------------------|----------------------------------------------|---------------------|----------------------------------------------|-------------------------------------------------------|
| 1 <sup>a</sup>    | 60                                       | 49                                                                   | 80                  | 1                                            | 95                  | 100                                          | Hot water supply (60 °C)                              |
| 2 <sup>a</sup>    | 70                                       | 49                                                                   | 80                  | 1                                            | 95                  | 100                                          | Hot water supply (70 °C)                              |
| 3 <sup>c</sup>    | 20                                       | 0.5                                                                  | 50                  | 4.5                                          | 65                  | 100                                          | Low-temperature floor heating                         |
|                   | 30                                       | 20                                                                   |                     |                                              |                     |                                              |                                                       |
|                   | 40                                       | 25                                                                   |                     |                                              |                     |                                              |                                                       |
| 4 <sup>b</sup>    | 20                                       | 2.5                                                                  | 70                  | 2.5                                          | 100                 | 100                                          | Floor heating and low-temperature radiator connection |
|                   | 40                                       | 20                                                                   |                     |                                              |                     |                                              |                                                       |
|                   | 60                                       | 25                                                                   |                     |                                              |                     |                                              |                                                       |
| 5 <sup>b</sup>    | 20                                       | 14                                                                   | 90                  | 1                                            | 100                 | 100                                          | High-temperature radiator connection                  |
|                   | 60                                       | 25                                                                   |                     |                                              |                     |                                              |                                                       |
|                   | 80                                       | 10                                                                   |                     |                                              |                     |                                              |                                                       |

T<sub>D</sub> = temperature for which the pipe system is designed. T<sub>max</sub> = maximum temperature, which can occur for a short period.

T<sub>mal</sub> = highest maximum temperature, which can occur briefly in the event of a fault (maximum of 100 hours in 50 years).

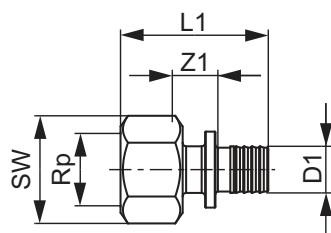
<sup>a</sup> A country can select either class 1 or class 2 in accordance with its national regulations.

<sup>b</sup> For an application class, if more than one calculated temperature results for the operating period and its temperature, the associated times for the operating period should be added. "Plus cumulative" in the table implies a temperature combination of the specified temperature for an operating duration (e.g. the temperature combination for a duration of 50 years for class 5 comprises: 20 °C over 14 years, followed by 60 °C over 25 years, followed by 80 °C over 10 years, followed by 90 °C over 1 year, followed by 100 °C over 100 h).

<sup>c</sup> Only permitted if the temperature during a fault cannot rise above 65 °C.

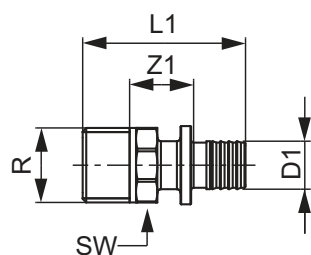
# TECEflex – Dimensional drawings

## TECEflex female connector



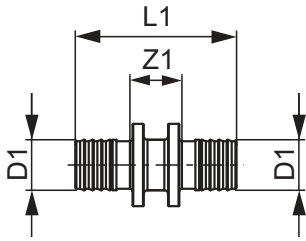
| Dimension      | Red brass/silicon bronze |    |    |    | Standard brass |    |    |    |
|----------------|--------------------------|----|----|----|----------------|----|----|----|
|                | Order No.                | Z1 | L1 | SW | Order No.      | Z1 | L1 | SW |
| 16 x Rp 1/2"   | 705102                   | 13 | 43 | 25 | 765002         | 13 | 43 | 27 |
| 20 x Rp 1/2"   | 705103                   | 12 | 45 | 25 | 765003         | 13 | 45 | 27 |
| 20 x Rp 3/4"   | 705104                   | 13 | 46 | 31 | 765004         | 15 | 48 | 32 |
| 25 x Rp 1"     | 705106                   | 15 | 58 | 38 | 765009         | 15 | 58 | 40 |
| 25 x Rp 3/4"   | 705105                   | 15 | 54 | 31 | 765007         | 16 | 56 | 32 |
| 32 x Rp 1"     | 705107                   | 16 | 67 | 38 | 765008         | 16 | 67 | 40 |
| 40 x Rp 1 1/2" | 705108                   | 20 | 75 | 53 | 765010         | 20 | 75 | 56 |
| 50 x Rp 2"     | 705109                   | 24 | 88 | 67 | -              | -  | -  | -  |
| 63 x Rp 2"     | 705110                   | 22 | 94 | 67 | -              | -  | -  | -  |

## TECEflex male connector



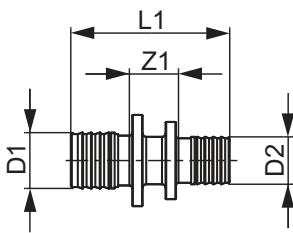
| Dimension     | Red brass/silicon bronze |    |     |    | Standard brass |    |    |    |
|---------------|--------------------------|----|-----|----|----------------|----|----|----|
|               | Order No.                | Z1 | L1  | SW | Order No.      | Z1 | L1 | SW |
| 16 x R 1/2"   | 705601                   | 18 | 46  | 21 | 765502         | 18 | 46 | 21 |
| 16 x R 3/4"   | 705602                   | 18 | 47  | 27 | 765506         | 18 | 47 | 27 |
| 16 x R 3/8"   | -                        | -  | -   | -  | 765514         | 18 | 44 | 22 |
| 20 x R 1/2"   | 705603                   | 18 | 48  | 21 | 765503         | 18 | 48 | 21 |
| 20 x R 3/4"   | 705604                   | 18 | 49  | 27 | 765504         | 18 | 49 | 17 |
| 25 x R 1"     | 705606                   | 22 | 62  | 34 | 765508         | 22 | 63 | 24 |
| 25 x R 3/4"   | 705605                   | 21 | 59  | 27 | 765507         | 19 | 57 | 22 |
| 32 x R 1"     | 705607                   | 23 | 71  | 34 | 765509         | 25 | 73 | 34 |
| 32 x R 1 1/4" | 705608                   | 25 | 75  | 42 | 765510         | 25 | 75 | 43 |
| 40 x R 1 1/4" | 705609                   | 28 | 81  | 42 | 765511         | 28 | 81 | 43 |
| 50 x R 1 1/2" | 705610                   | 29 | 89  | 48 | 765512         | 30 | 88 | 48 |
| 63 x R 2"     | 705611                   | 28 | 100 | 60 | 765513         | 30 | 99 | 60 |

TECEflex coupling



| Red brass/silicon bronze |           |    |     | PPSU      |    |    | Standard brass |    |     |
|--------------------------|-----------|----|-----|-----------|----|----|----------------|----|-----|
| Dimension                | Order No. | Z1 | L1  | Order No. | Z1 | L1 | Order No.      | Z1 | L1  |
| 14 x 14                  | 720594    | 14 | 43  | -         | -  | -  | -              | -  | -   |
| 16 x 16                  | 706216    | 14 | 43  | 736016    | 15 | 48 | 766016         | 14 | 43  |
| 20 x 20                  | 706220    | 14 | 48  | 736020    | 16 | 53 | 766020         | 14 | 48  |
| 25 x 25                  | 706225    | 17 | 64  | 736025    | 16 | 64 | 766025         | 17 | 64  |
| 32 x 32                  | 706232    | 19 | 81  | 736032    | 24 | 81 | 766032         | 19 | 81  |
| 40 x 40                  | 706240    | 24 | 91  | 736040    | 28 | 91 | 766040         | 24 | 91  |
| 50 x 50                  | 706250    | 26 | 103 | -         | -  | -  | 766050         | 26 | 103 |
| 63 x 63                  | 706263    | 28 | 118 | -         | -  | -  | 766063         | 28 | 118 |

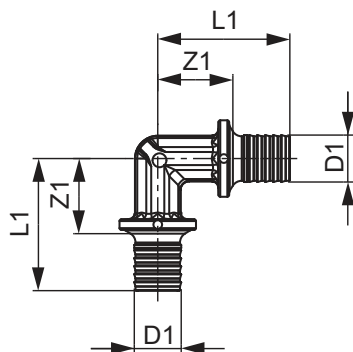
TECEflex coupling reduced



| Red brass/silicon bronze |           |    |     | PPSU      |    |    | Standard brass |    |    |
|--------------------------|-----------|----|-----|-----------|----|----|----------------|----|----|
| Dimension                | Order No. | Z1 | L1  | Order No. | Z1 | L1 | Order No.      | Z1 | L1 |
| 16 x 14                  | 720595    | 14 | 43  | -         | -  | -  | -              | -  | -  |
| 20 x 16                  | 706603    | 14 | 45  | 736503    | 15 | 50 | 766503         | 14 | 45 |
| 25 x 16                  | 706604    | 15 | 53  | 736504    | 15 | 56 | 766504         | 15 | 53 |
| 25 x 20                  | 706605    | 15 | 56  | 736505    | 16 | 58 | 766505         | 15 | 56 |
| 32 x 20                  | 706606    | 16 | 64  | 736506    | 23 | 70 | 766506         | 16 | 64 |
| 32 x 25                  | 706607    | 18 | 72  | 736507    | 23 | 75 | 766507         | 18 | 72 |
| 40 x 32                  | 706608    | 22 | 87  | 736508    | 27 | 87 | 766508         | 22 | 87 |
| 50 x 40                  | 706609    | 25 | 97  | -         | -  | -  | 766509         | 25 | 97 |
| 63 x 50                  | 706610    | 26 | 110 | -         | -  | -  | -              | -  | -  |

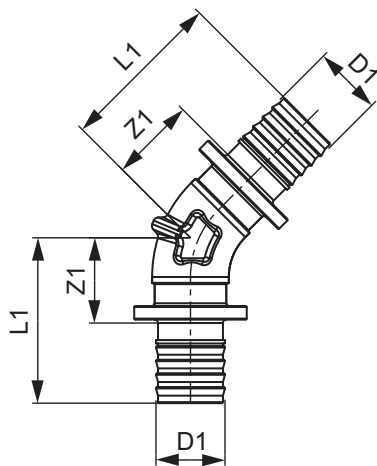
# TECEflex – Dimensional drawings

TECEflex 90° elbow



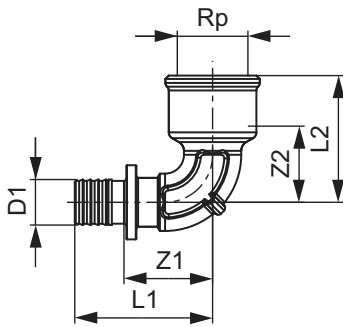
| Dimension | PPSU      |    |    | Standard brass |    |    |
|-----------|-----------|----|----|----------------|----|----|
|           | Order No. | Z1 | L1 | Order No.      | Z1 | L1 |
| 16 x 16   | 737016    | 22 | 38 | 767016         | 23 | 38 |
| 20 x 20   | 737020    | 24 | 43 | 767020         | 25 | 42 |
| 25 x 25   | 737025    | 28 | 52 | 767025         | 30 | 54 |
| 32 x 32   | 737032    | 35 | 64 | 767032         | 35 | 66 |
| 40 x 40   | 737040    | 41 | 73 | 767040         | 38 | 73 |
| 50 x 50   | -         | -  | -  | 767050         | 45 | 84 |
| 63 x 63   | -         | -  | -  | 767063         | 53 | 99 |

TECEflex 45° elbow



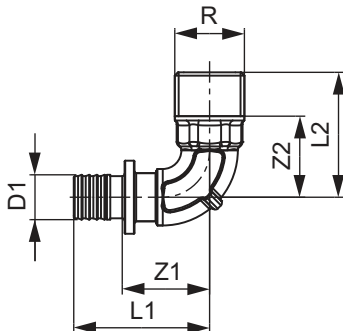
| Dimension | Red brass/silicon bronze |    |    | Standard brass |    |    |
|-----------|--------------------------|----|----|----------------|----|----|
|           | Order No.                | Z1 | L1 | Order No.      | Z1 | L1 |
| 25 x 25   | 707167                   | 25 | 49 | 767125         | 19 | 42 |
| 32 x 32   | 707168                   | 30 | 61 | 767132         | 22 | 53 |
| 40 x 40   | 707169                   | 34 | 67 | 767140         | 22 | 56 |
| 50 x 50   | 707165                   | 39 | 77 | -              | -  | -  |
| 63 x 63   | 707166                   | 39 | 84 | -              | -  | -  |

TECEflex female elbow



| Dimension      | Red brass/silicon bronze |    |    |    |    | Standard brass |    |    |    |    |
|----------------|--------------------------|----|----|----|----|----------------|----|----|----|----|
|                | Order No.                | Z1 | Z2 | L1 | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x Rp 1/2"   | 708101                   | 22 | 23 | 41 | 38 | 768016         | 26 | 16 | 41 | 31 |
| 20 x Rp 1/2"   | 708102                   | 28 | 24 | 45 | 39 | 768020         | 26 | 18 | 43 | 33 |
| 20 x Rp 3/4"   | 708103                   | 30 | 25 | 47 | 43 | 768002         | 29 | 23 | 46 | 40 |
| 25 x Rp 3/4"   | 708104                   | 35 | 31 | 58 | 48 | 768025         | 31 | 24 | 54 | 40 |
| 32 x Rp 1"     | 708105                   | 38 | 34 | 69 | 53 | 768032         | 36 | 25 | 67 | 45 |
| 40 x Rp 1 1/2" | 708106                   | 49 | 44 | 82 | 65 | -              | -  | -  | -  | -  |
| 50 x Rp 1 1/2" | 708107                   | 55 | 40 | 93 | 62 | -              | -  | -  | -  | -  |

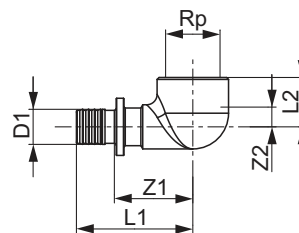
TECEflex male elbow



| Dimension   | Red brass/silicon bronze |    |    |    |    | Standard brass |    |    |    |    |
|-------------|--------------------------|----|----|----|----|----------------|----|----|----|----|
|             | Order No.                | Z1 | Z2 | L1 | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x R 1/2" | 707801                   | 26 | 24 | 41 | 38 | 767516         | 23 | 24 | 37 | 37 |
| 20 x R 1/2" | 707802                   | 28 | 26 | 45 | 40 | 767520         | 23 | 26 | 40 | 39 |
| 20 x R 3/4" | 707803                   | 28 | 26 | 45 | 41 | 767501         | 25 | 26 | 42 | 40 |
| 25 x R 1"   | 707805                   | 33 | 30 | 57 | 47 | 767526         | 31 | 43 | 55 | 60 |
| 25 x R 3/4" | 707804                   | 33 | 30 | 57 | 44 | 767525         | 27 | 30 | 51 | 45 |
| 32 x R 1"   | 707806                   | 38 | 36 | 69 | 53 | 767532         | 32 | 39 | 63 | 56 |

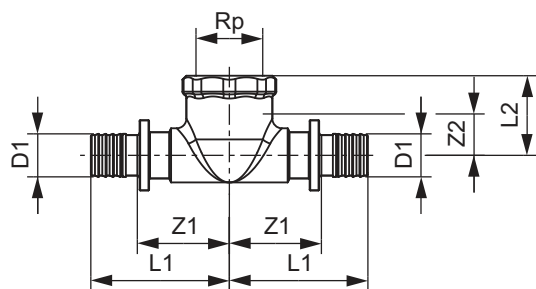
TECEflex compact angled connector, red brass/silicon bronze

| Dimension    | Order No. | Z1 | Z2 | L1 | L2 |
|--------------|-----------|----|----|----|----|
| 16 x Rp 1/2" | 708100    | 30 | 8  | 45 | 19 |



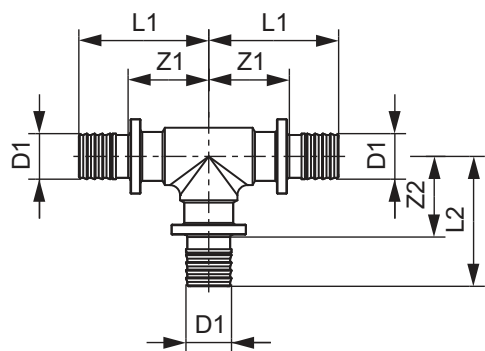
# TECEflex – Dimensional drawings

## TECEflex tee female thread



| Dimension           | Red brass/silicon bronze |    |    |     |    | Standard brass |    |    |    |    |
|---------------------|--------------------------|----|----|-----|----|----------------|----|----|----|----|
|                     | Order No.                | Z1 | Z2 | L1  | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x Rp 1/2" x 16   | 709801                   | 29 | 13 | 44  | 25 | 769516         | 26 | 16 | 41 | 31 |
| 20 x Rp 1/2" x 20   | 709802                   | 29 | 13 | 46  | 25 | 769520         | 26 | 18 | 43 | 33 |
| 25 x Rp 1/2" x 25   | 709803                   | 32 | 13 | 55  | 25 | 769522         | 28 | 10 | 51 | 25 |
| 25 x Rp 3/4" x 25   | 709804                   | 34 | 16 | 56  | 29 | 769525         | 31 | 23 | 54 | 40 |
| 32 x Rp 1/2" x 32   | -                        | -  | -  | -   | -  | 769527         | 29 | 7  | 60 | 22 |
| 32 x Rp 1" x 32     | 709805                   | 40 | 20 | 71  | 35 | 769532         | 35 | 26 | 66 | 45 |
| 40 x Rp 1/2" x 40   | -                        | -  | -  | -   | -  | 769534         | 30 | 10 | 64 | 26 |
| 40 x Rp 1" x 40     | 709806                   | 44 | 23 | 76  | 40 | 769540         | 37 | 28 | 70 | 48 |
| 50 x Rp 1 1/4" x 50 | 709807                   | 51 | 29 | 89  | 48 | -              | -  | -  | -  | -  |
| 63 x Rp 1 1/2" x 63 | 709808                   | 56 | 35 | 101 | 54 | -              | -  | -  | -  | -  |

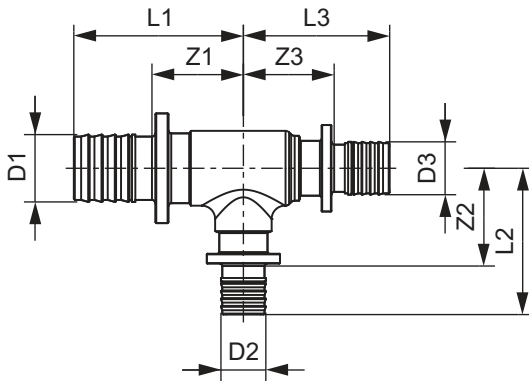
## TECEflex tee



| Dimension    | Red brass/silicon bronze |    |    |    |    | PPSU      |    |    |    |    | Standard brass |    |    |    |    |
|--------------|--------------------------|----|----|----|----|-----------|----|----|----|----|----------------|----|----|----|----|
|              | Order No.                | Z1 | Z2 | L1 | L2 | Order No. | Z1 | Z2 | L1 | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 14 x 14 x 14 | 720591                   | 24 | 24 | 39 | 39 | -         | -  | -  | -  | -  | -              | -  | -  | -  | -  |
| 16 x 16 x 16 | 710116                   | 24 | 24 | 39 | 39 | 730916    | 17 | 22 | 34 | 38 | 760016         | 23 | 23 | 38 | 38 |
| 20 x 20 x 20 | 710120                   | 25 | 25 | 42 | 42 | 730920    | 19 | 25 | 38 | 43 | 760020         | 25 | 25 | 42 | 42 |
| 25 x 25 x 25 | 710125                   | 30 | 30 | 54 | 54 | 730925    | 24 | 28 | 48 | 52 | 760025         | 30 | 30 | 54 | 54 |
| 32 x 32 x 32 | 710132                   | 35 | 35 | 66 | 66 | 730932    | 34 | 34 | 64 | 64 | 760032         | 35 | 35 | 66 | 66 |
| 40 x 40 x 40 | 710140                   | 43 | 43 | 76 | 76 | 730940    | 41 | 41 | 73 | 73 | 760040         | 39 | 39 | 73 | 73 |
| 50 x 50 x 50 | 710150                   | 49 | 49 | 87 | 87 | -         | -  | -  | -  | -  | -              | -  | -  | -  | -  |
| 63 x 63 x 63 | 710163                   | 54 | 54 | 99 | 99 | -         | -  | -  | -  | -  | -              | -  | -  | -  | -  |



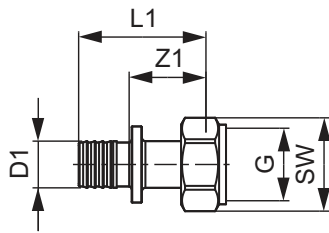
TECEflex tee reduced



| Dimension    | Red brass/silicon bronze |    |    |    |    |    |    | PPSU      |    |    |    |    |    |    | Standard brass |    |    |    |    |    |    |
|--------------|--------------------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----------------|----|----|----|----|----|----|
|              | Order No.                | Z1 | Z2 | Z3 | L1 | L2 | L3 | Order No. | Z1 | Z2 | Z3 | L1 | L2 | L3 | Order No.      | Z1 | Z2 | Z3 | L1 | L2 | L3 |
| 16 x 14 x 16 | 720592                   | 24 | 24 | 24 | 39 | 39 | 39 | -         | -  | -  | -  | -  | -  | -  | -              | -  | -  | -  | -  | -  | -  |
| 16 x 20 x 16 | 710601                   | 25 | 25 | 25 | 40 | 42 | 40 | 730504    | 19 | 22 | 19 | 35 | 41 | 35 | 760504         | 25 | 23 | 25 | 40 | 40 | 40 |
| 20 x 16 x 16 | 710602                   | 25 | 25 | 25 | 42 | 40 | 40 | 730508    | 22 | 24 | 22 | 41 | 40 | 38 | 760508         | 23 | 25 | 23 | 40 | 40 | 38 |
| 20 x 16 x 20 | 710603                   | 24 | 25 | 24 | 41 | 40 | 41 | 730509    | 22 | 24 | 22 | 40 | 40 | 40 | 760509         | 23 | 25 | 23 | 40 | 40 | 40 |
| 20 x 20 x 16 | 710604                   | 25 | 25 | 25 | 42 | 42 | 40 | 730511    | 19 | 24 | 19 | 38 | 43 | 35 | 760511         | 25 | 25 | 25 | 42 | 42 | 40 |
| 20 x 25 x 20 | 710609                   | 29 | 28 | 29 | 46 | 52 | 46 | 730521    | 21 | 24 | 21 | 40 | 48 | 40 | 760521         | 29 | 27 | 29 | 46 | 50 | 46 |
| 25 x 16 x 16 | -                        | -  | -  | -  | -  | -  | -  | 730516    | 22 | 27 | 22 | 46 | 44 | 38 | 760516         | 25 | 29 | 23 | 48 | 43 | 38 |
| 25 x 16 x 20 | 710605                   | 28 | 29 | 27 | 51 | 44 | 44 | 730544    | 22 | 27 | 22 | 46 | 44 | 41 | 760544         | 25 | 29 | 23 | 48 | 43 | 40 |
| 25 x 16 x 25 | 710606                   | 27 | 29 | 27 | 50 | 43 | 50 | 730514    | 22 | 27 | 22 | 46 | 44 | 46 | 760514         | 25 | 29 | 29 | 48 | 43 | 48 |
| 25 x 20 x 20 | 710607                   | 27 | 29 | 25 | 50 | 46 | 42 | 730522    | 19 | 28 | 19 | 43 | 46 | 38 | 760522         | 27 | 29 | 25 | 50 | 46 | 42 |
| 25 x 20 x 25 | 710608                   | 28 | 29 | 28 | 51 | 46 | 51 | 730515    | 19 | 28 | 19 | 43 | 46 | 43 | 760515         | 27 | 29 | 27 | 50 | 46 | 50 |
| 25 x 32 x 25 | -                        | -  | -  | -  | -  | -  | -  | -         | -  | -  | -  | -  | -  | -  | 760517         | 34 | 31 | 34 | 57 | 62 | 57 |
| 32 x 16 x 32 | 710610                   | 29 | 32 | 29 | 60 | 47 | 60 | 730537    | 26 | 31 | 26 | 55 | 47 | 55 | 760537         | 26 | 32 | 26 | 57 | 47 | 57 |
| 32 x 20 x 25 | -                        | -  | -  | -  | -  | -  | -  | -         | -  | -  | -  | -  | -  | -  | 760518         | 28 | 32 | 27 | 59 | 49 | 50 |
| 32 x 20 x 32 | 710611                   | 30 | 32 | 30 | 61 | 49 | 61 | 730519    | 28 | 31 | 28 | 57 | 50 | 57 | 760519         | 28 | 32 | 28 | 59 | 49 | 59 |
| 32 x 25 x 25 | 710613                   | 31 | 34 | 32 | 62 | 57 | 56 | 730520    | 32 | 32 | 28 | 60 | 55 | 52 | 760520         | 31 | 34 | 30 | 62 | 57 | 54 |
| 32 x 25 x 32 | 710612                   | 31 | 34 | 31 | 62 | 57 | 62 | 730523    | 32 | 32 | 32 | 60 | 55 | 60 | 760523         | 31 | 34 | 31 | 62 | 57 | 62 |
| 40 x 20 x 40 | 710614                   | 33 | 36 | 33 | 66 | 53 | 66 | 730536    | 31 | 34 | 31 | 63 | 53 | 63 | 760536         | 29 | 35 | 29 | 63 | 52 | 63 |
| 40 x 25 x 32 | -                        | -  | -  | -  | -  | -  | -  | -         | -  | -  | -  | -  | -  | -  | 760543         | 33 | 37 | 31 | 66 | 60 | 62 |
| 40 x 25 x 40 | 710615                   | 35 | 37 | 35 | 69 | 61 | 69 | 730533    | 35 | 34 | 35 | 67 | 58 | 67 | 760533         | 33 | 37 | 33 | 66 | 60 | 66 |
| 40 x 32 x 32 | 710617                   | 38 | 38 | 41 | 72 | 69 | 72 | 730525    | 38 | 38 | 36 | 70 | 67 | 64 | 760525         | 36 | 38 | 33 | 70 | 69 | 66 |
| 40 x 32 x 40 | 710616                   | 38 | 38 | 38 | 72 | 69 | 72 | 730524    | 38 | 38 | 38 | 70 | 67 | 70 | 760524         | 36 | 38 | 36 | 70 | 69 | 70 |
| 50 x 20 x 50 | 710618                   | 35 | 42 | 35 | 74 | 59 | 74 | -         | -  | -  | -  | -  | -  | -  | -              | -  | -  | -  | -  | -  | -  |
| 50 x 25 x 50 | 710619                   | 37 | 43 | 37 | 76 | 67 | 76 | -         | -  | -  | -  | -  | -  | -  | 760534         | 34 | 42 | 34 | 72 | 65 | 72 |
| 50 x 32 x 50 | 710620                   | 40 | 44 | 40 | 79 | 75 | 79 | -         | -  | -  | -  | -  | -  | -  | 760526         | 37 | 43 | 37 | 76 | 74 | 76 |
| 50 x 40 x 50 | 710621                   | 44 | 48 | 44 | 83 | 81 | 83 | -         | -  | -  | -  | -  | -  | -  | -              | -  | -  | -  | -  | -  | -  |
| 63 x 32 x 63 | 710622                   | 44 | 49 | 44 | 89 | 80 | 89 | -         | -  | -  | -  | -  | -  | -  | -              | -  | -  | -  | -  | -  | -  |
| 63 x 50 x 63 | 710623                   | 50 | 54 | 50 | 95 | 92 | 95 | -         | -  | -  | -  | -  | -  | -  | -              | -  | -  | -  | -  | -  | -  |

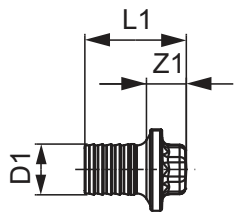
# TECEflex – Dimensional drawings

## TECEflex screw connection, flat sealing



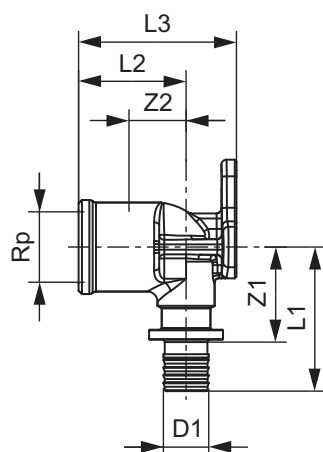
| Dimension   | Red brass/silicon bronze |    |    |           | Standard brass |    |    |         |
|-------------|--------------------------|----|----|-----------|----------------|----|----|---------|
|             | Order No.                | Z1 | L1 | G SW      | Order No.      | Z1 | L1 | G SW    |
| 16 x 1/2"   | 717601                   | 22 | 37 | 1/2" 24   | 767578         | 22 | 37 | 1/2" 24 |
| 16 x 3/4"   | 717602                   | 19 | 34 | 3/4" 29   | 767570         | 19 | 34 | 3/4" 29 |
| 16 x 3/8"   | -                        | -  | -  | - -       | 767579         | 22 | 37 | 3/8" 19 |
| 20 x 1"     | 717604                   | 20 | 37 | 1" 37     | 767576         | 20 | 37 | 1" 37   |
| 20 x 3/4"   | 717603                   | 23 | 40 | 3/4" 29   | 767572         | 23 | 40 | 3/4" 29 |
| 25 x 1"     | 717605                   | 29 | 53 | 1" 37     | 767574         | 29 | 53 | 1" 37   |
| 25 x 1 1/4" | 717606                   | 20 | 44 | 1 1/4" 46 | -              | -  | -  | - -     |
| 32 x 1 1/2" | 717608                   | 22 | 53 | 1 1/2" 52 | -              | -  | -  | - -     |
| 32 x 1 1/4" | 717607                   | 31 | 62 | 1 1/4" 46 | -              | -  | -  | - -     |

## TECEflex end plug



| Dimension | PPSU      |    |    | Standard brass |    |    |
|-----------|-----------|----|----|----------------|----|----|
|           | Order No. | Z1 | L1 | Order No.      | Z1 | L1 |
| 16        | 730616    | 11 | 27 | 765116         | 9  | 23 |
| 20        | 730620    | 11 | 30 | 765120         | 9  | 26 |

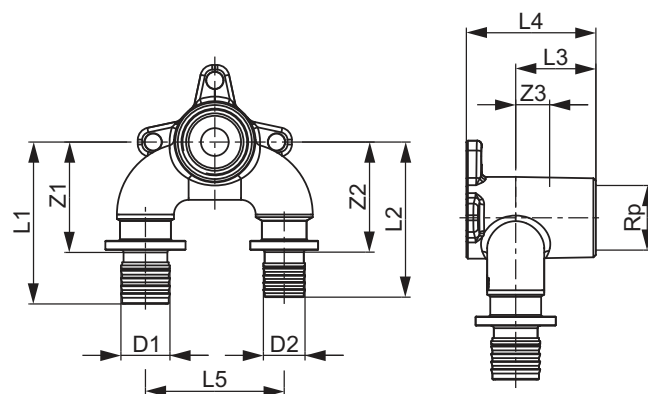
TECEflex wall disk



| Dimension    | Red brass/silicon bronze |    |    |    |    |    | Standard brass |    |    |    |    |    |
|--------------|--------------------------|----|----|----|----|----|----------------|----|----|----|----|----|
|              | Order No.                | Z1 | Z2 | L1 | L2 | L3 | Order No.      | Z1 | Z2 | L1 | L2 | L3 |
| 14 x Rp 1/2" | 720590                   | 28 | 17 | 43 | 32 | 47 | -              | -  | -  | -  | -  | -  |
| 16 x Rp 1/2" | 708610                   | 28 | 17 | 43 | 32 | 47 | 768516         | 26 | 12 | 41 | 27 | 42 |
| 20 x Rp 1/2" | 708611                   | 28 | 17 | 45 | 32 | 47 | 768520         | 26 | 12 | 43 | 27 | 42 |
| 20 x Rp 3/4" | 708612                   | 32 | 19 | 49 | 35 | 50 | 768525         | 29 | 15 | 46 | 31 | 46 |
| 25 x Rp 3/4" | 708613                   | 33 | 19 | 57 | 35 | 54 | 768526         | 31 | 11 | 54 | 28 | 46 |

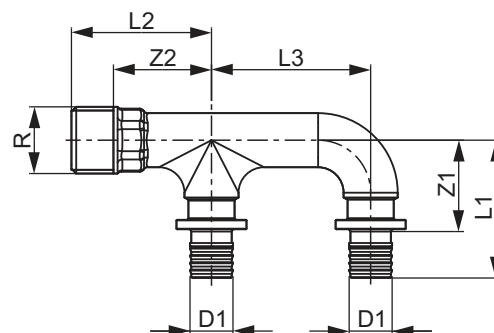
TECEflex U-double wall disk reduced, pressure-loss optimised, red brass/silicon bronze

| Dimension         | Order No. | Z1 | Z2 | Z3 | L1 | L2 | L3 | L4 | L5 |
|-------------------|-----------|----|----|----|----|----|----|----|----|
| 16 x Rp 1/2" x 20 | 708606    | 36 | 36 | 11 | 50 | 53 | 26 | 42 | 45 |
| 20 x Rp 1/2" x 16 | 708607    | 36 | 36 | 11 | 53 | 50 | 26 | 42 | 45 |



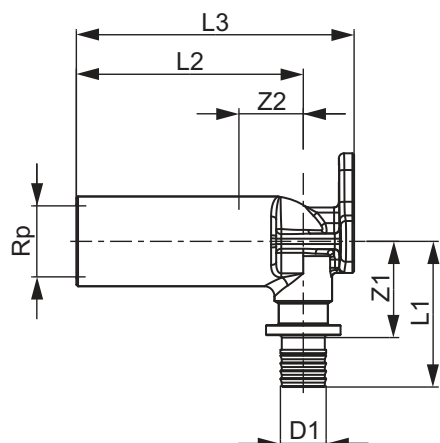
TECEflex double connection, pressure-loss-optimised, red brass/silicon bronze

| Dimension   | Order No. | Z1 | Z2 | L1 | L2 | L3 |
|-------------|-----------|----|----|----|----|----|
| 16 x R 1/2" | 708608    | 29 | 31 | 43 | 44 | 50 |



# TECEflex – Dimensional drawings

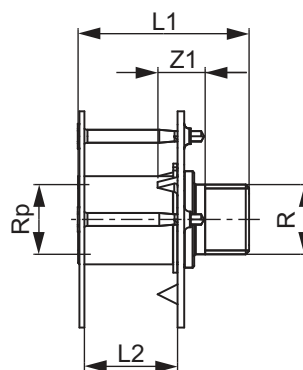
TECEflex wall disk, long



| Dimension    | Red brass/silicon bronze |    |    |    |    |    | Standard brass |    |    |    |    |    |
|--------------|--------------------------|----|----|----|----|----|----------------|----|----|----|----|----|
|              | Order No.                | Z1 | Z2 | L1 | L2 | L3 | Order No.      | Z1 | Z2 | L1 | L2 | L3 |
| 16 x Rp 1/2" | 708614                   | 28 | 19 | 43 | 67 | 82 | 768502         | 25 | 25 | 40 | 67 | 82 |

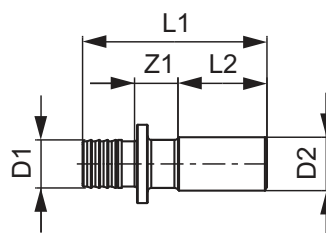
TECEflex universal wall bushing made of red brass/silicon bronze

| Dimension        | Order No. | Z1 | L1 | L2    |
|------------------|-----------|----|----|-------|
| R 1/2" x Rp 1/2" | 708706    | 14 | 51 | 18-25 |



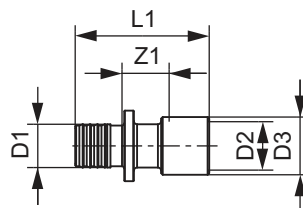
TECEflex pressure-soldered connection made of red brass/silicon bronze

| Dimension     | Order No. | Z1 | L1 | L2 |
|---------------|-----------|----|----|----|
| 16 x 15 mm Cu | 716316    | 10 | 50 | 25 |
| 20 x 18 mm Cu | 716320    | 10 | 52 | 25 |
| 20 x 22 mm Cu | 716321    | 10 | 52 | 25 |
| 25 x 22 mm Cu | 716325    | 12 | 60 | 25 |
| 32 x 28 mm Cu | 716332    | 13 | 69 | 25 |



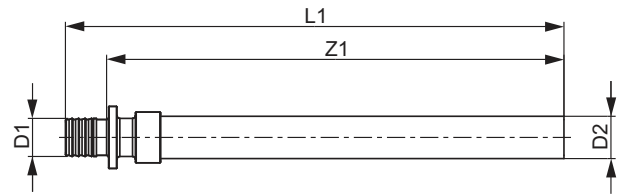
TECEflex Cu soldered connection TECEflex made of standard brass

| Dimension        | Order No. | Z1 | L1 |
|------------------|-----------|----|----|
| 14 x 15/18 mm Cu | 713914    | 15 | 42 |
| 16 x 15/18 mm Cu | 713916    | 15 | 42 |
| 20 x 18/22 mm Cu | 713920    | 13 | 45 |
| 25 x 22/28 mm Cu | 713925    | 18 | 60 |
| 32 x 28/32 mm Cu | 713932    | 18 | 72 |



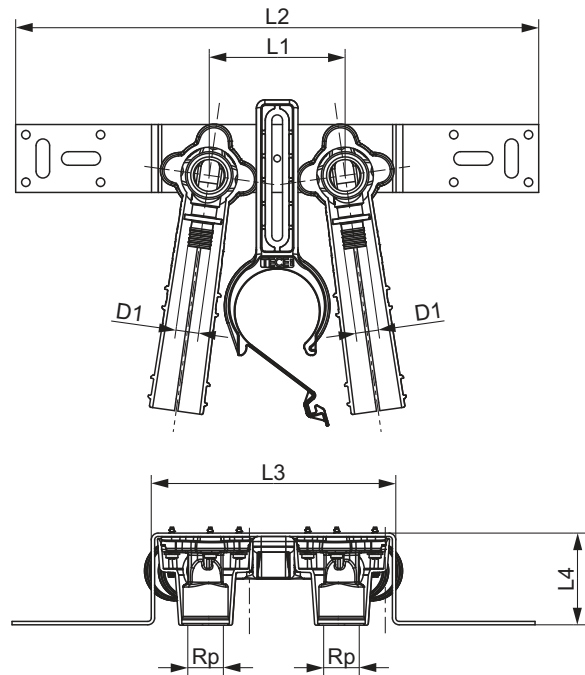
## TECEflex system adapter copper pipe

| Dimension     | Order No. | Z1  | L1  |
|---------------|-----------|-----|-----|
| 16 x 15 mm Cu | 713816    | 162 | 177 |
| 20 x 18 mm Cu | 713820    | 162 | 179 |



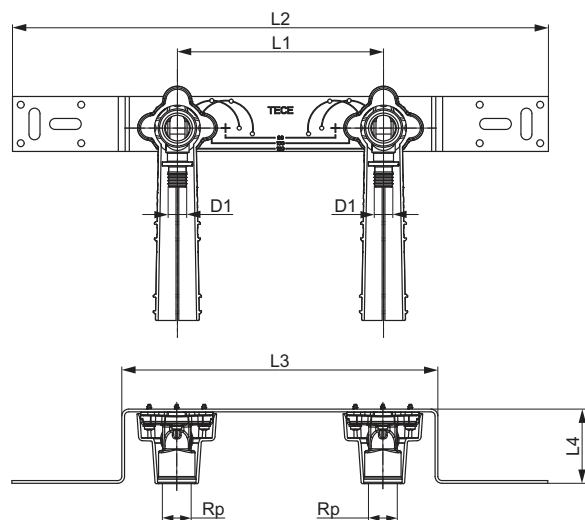
## TECEflex mounting unit with wall disks, red brass/silicon bronze, sound-proofing elements and fastener for high-temperature outlet bend

| Dimension    | Order No. | L1 | L2  | L3  | L4 |
|--------------|-----------|----|-----|-----|----|
| 16 x Rp 1/2" | 720565    | 80 | 308 | 144 | 54 |



## TECEflex mounting unit with wall disks, red brass/silicon bronze, and sound-proofing elements

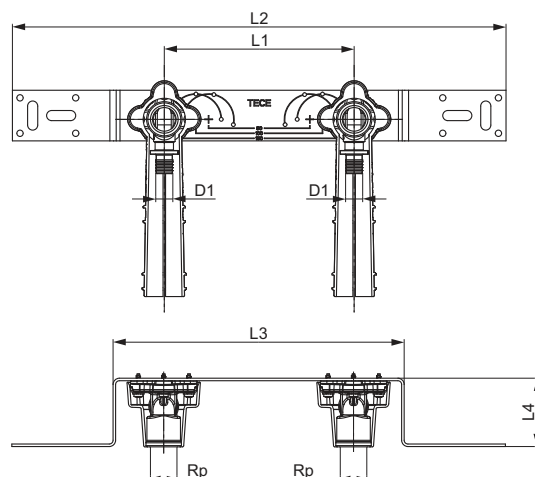
| Dimension    | Order No. | L1  | L2  | L3  | L4 |
|--------------|-----------|-----|-----|-----|----|
| 16 x Rp 1/2" | 720560    | 150 | 390 | 230 | 54 |
| 20 x Rp 1/2" | 720562    | 150 | 390 | 230 | 54 |



# TECEflex – Dimensional drawings

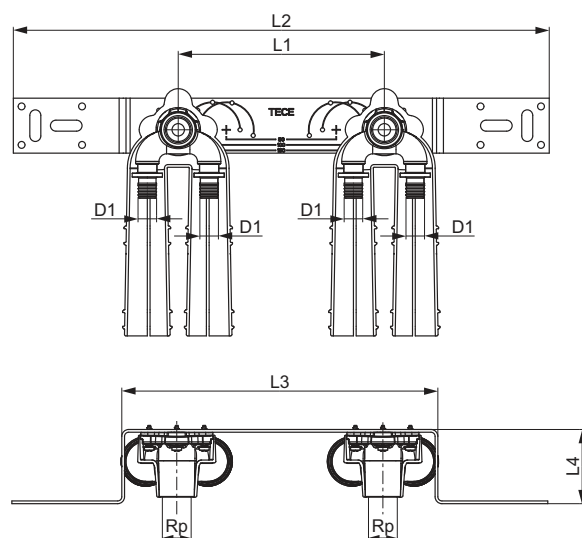
TECEflex mounting unit with wall disks made of standard brass

| Dimension    | Order No. | L1  | L2  | L3  | L4 |
|--------------|-----------|-----|-----|-----|----|
| 16 x Rp 1/2" | 765130    | 150 | 390 | 230 | 54 |



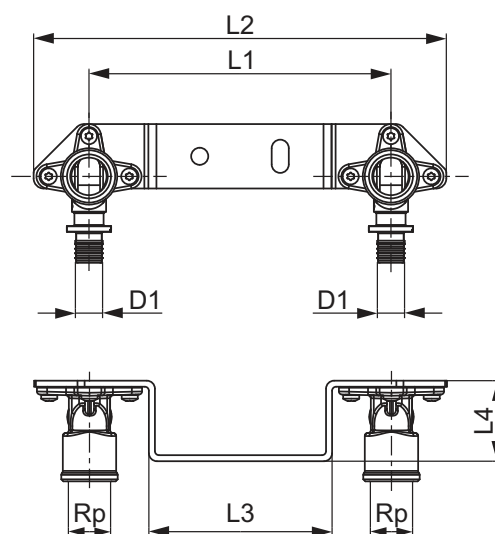
TECEflex mounting unit with U-double wall disks, red brass/silicon bronze, and sound-proofing elements, dimension: 150 mm

| Dimension         | Order No. | L1  | L2  | L3  | L4 |
|-------------------|-----------|-----|-----|-----|----|
| 16 x Rp 1/2" x 16 | 720566    | 150 | 390 | 230 | 54 |



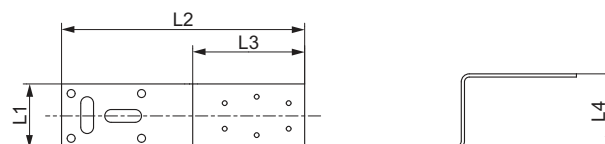
TECEflex mounting unit with wall disks red brass/silicon bronze

| Dimension    | Order No. | L1  | L2  | L3 | L4 |
|--------------|-----------|-----|-----|----|----|
| 16 x Rp 1/2" | 720550    | 150 | 205 | 91 | 40 |



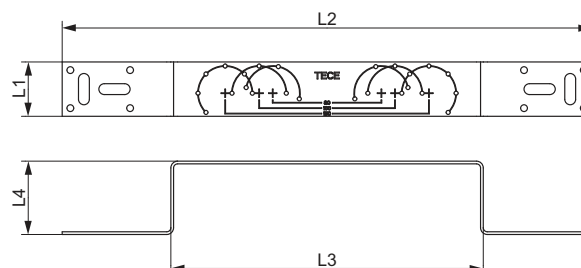
## TECE fastener made of galvanized steel, single

| Order No. | L1 | L2  | L3 | L4 |
|-----------|----|-----|----|----|
| 720527    | 40 | 150 | 70 | 47 |



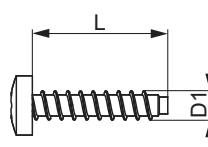
## TECE fastener made of galvanized steel, double

| Order No. | L1 | L2  | L3  | L4 |
|-----------|----|-----|-----|----|
| 720528    | 40 | 390 | 230 | 54 |



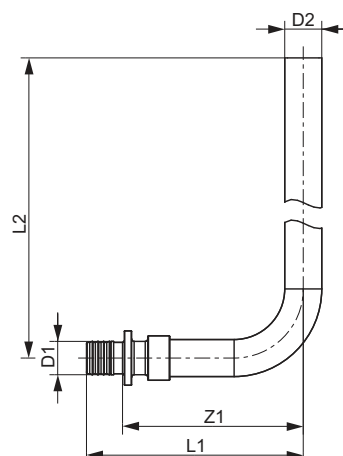
## TECE screw

| Dimension   | Order No. | L1 |
|-------------|-----------|----|
| 3,5 x 16 mm | 720524    | 16 |



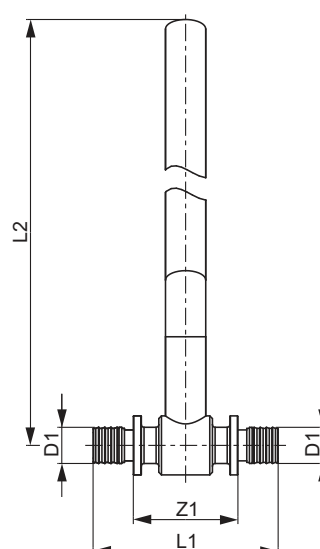
## TECEflex 15 mm radiator mounting elbow, nickel-plated copper

| Dimension     | Order No. | Z1 | L1 | L2   |
|---------------|-----------|----|----|------|
| 14 x 15 mm Cu | 714014    | 73 | 88 | 289  |
| 16 x 15 mm Cu | 714016    | 73 | 88 | 289  |
| 20 x 15 mm Cu | 714020    | 73 | 90 | 289  |
| 16 x 15 mm Cu | 714516    | 73 | 88 | 1089 |



## TECEflex 15 mm radiator mounting tee, nickel-plated copper

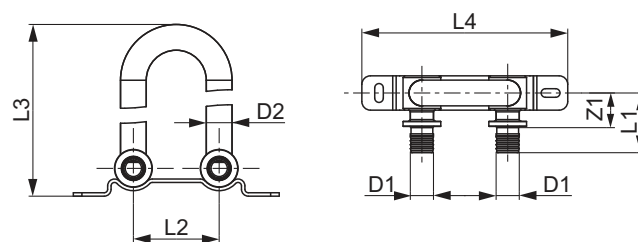
| Dimension     | Order No. | Z1 | L1 | L2  |
|---------------|-----------|----|----|-----|
| 16 x 15 mm Cu | 715016    | 40 | 69 | 289 |
| 20 x 15 mm Cu | 715020    | 40 | 74 | 290 |



# TECEflex – Dimensional drawings

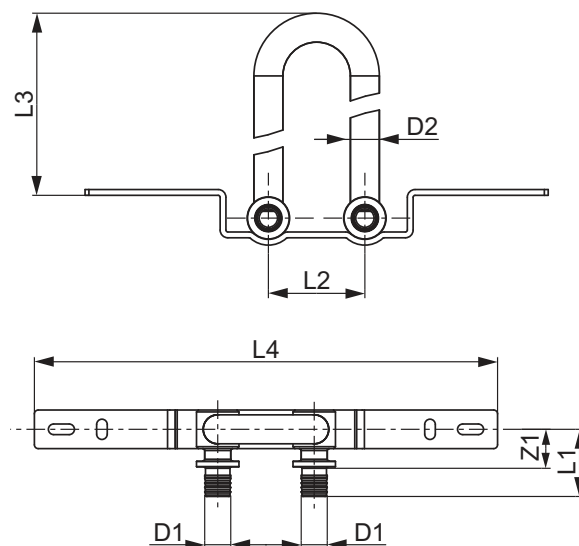
TECEflex radiator assembly set for compact valve heaters, floor-mounted, nickel-plated

| Dimension     | Order No. | Z1 | L1 | L2 | L3  | L4  |
|---------------|-----------|----|----|----|-----|-----|
| 16 x 15 mm Cu | 714901    | 20 | 35 | 50 | 333 | 120 |



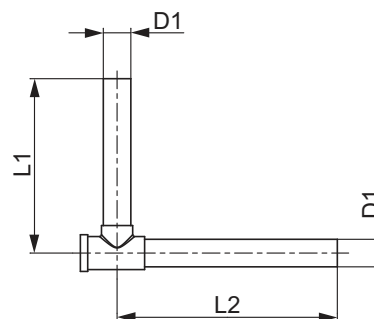
TECEflex radiator mounting set for compact radiator with integrated valve, wall-mounted, nickel-plated

| Dimension     | Order No. | Z1 | L1 | L2 | L3  | L4  |
|---------------|-----------|----|----|----|-----|-----|
| 16 x 15 mm Cu | 714905    | 20 | 35 | 50 | 225 | 240 |



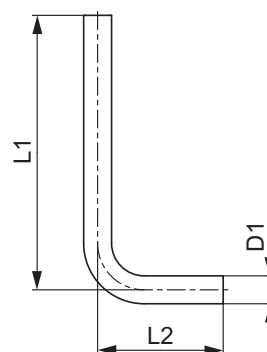
TECE skirting board radiator elbow shut-offs

| Dimension | Order No. | L1 | L2  |
|-----------|-----------|----|-----|
| 15 mm Cu  | 730010    | 95 | 120 |



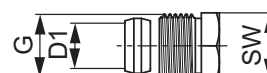
TECE skirting board radiator elbows

| Dimension | Order No. | L1  | L2 |
|-----------|-----------|-----|----|
| 15 mm Cu  | 730025    | 155 | 75 |



TECE male pinch screw connection 1/2"

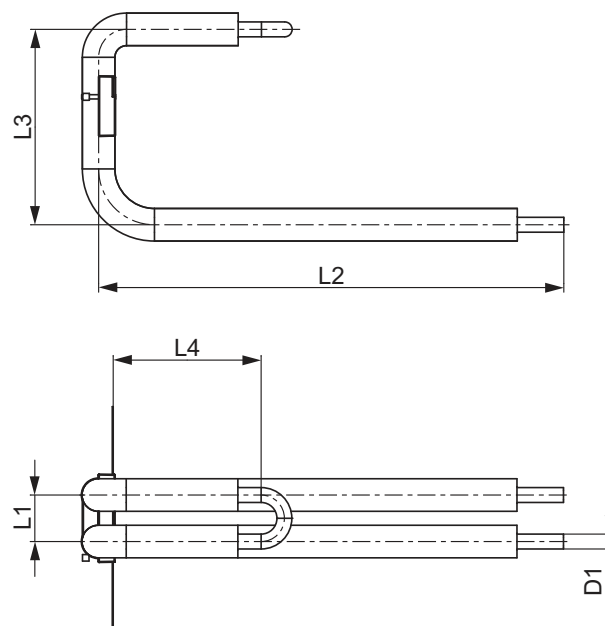
| Dimension      | Order No. | G    | SW |
|----------------|-----------|------|----|
| 15 mm x R 1/2" | 717501    | 1/2" | 22 |





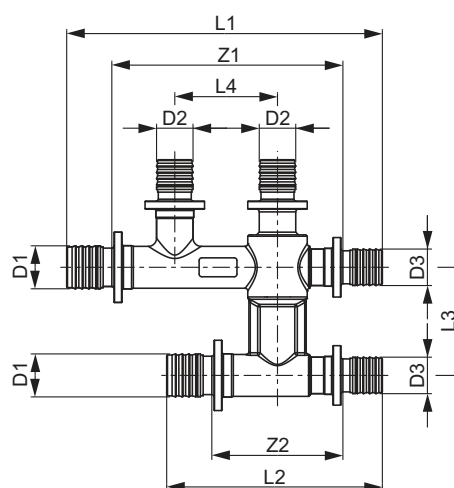
TECEflex radiator mounting unit for compact radiator with integrated valve, wall-mounted

| Dimension | Order No. | L1 | L2  | L3  | L4  |
|-----------|-----------|----|-----|-----|-----|
| 16        | 714907    | 50 | 500 | 210 | 165 |



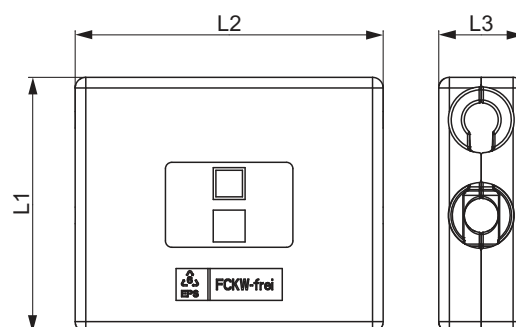
TECEflex cross-fitting

| Dimension    | Order No. | Z1 | Z2 | L1  | L2 | L3 | L4 |
|--------------|-----------|----|----|-----|----|----|----|
| 16 x 16 x 16 | 718501    | 84 | 46 | 114 | 76 | 38 | 38 |
| 20 x 16 x 16 | 718502    | 86 | 49 | 116 | 80 | 40 | 38 |
| 20 x 16 x 20 | 718503    | 86 | 49 | 119 | 82 | 40 | 38 |



TECEflex protection box made of PS for cross-fittings

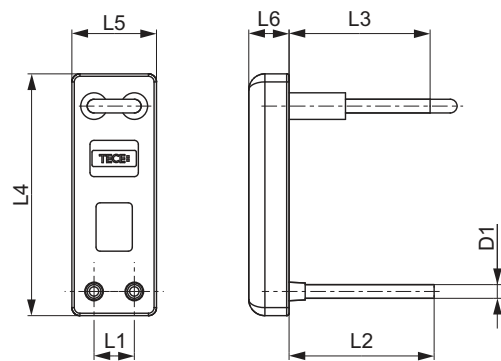
| Dimension | Order No. | L1  | L2  | L3 |
|-----------|-----------|-----|-----|----|
| 16-20     | 718020    | 102 | 124 | 36 |



# TECEflex – Dimensional drawings

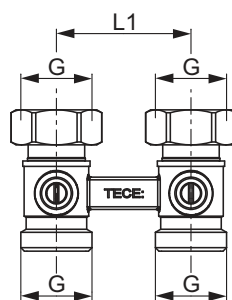
## TECEflex radiator installation box for compact valve heaters

| Dimension | Order No. | L1 | L2  | L3  | L4  | L5  | L6 |
|-----------|-----------|----|-----|-----|-----|-----|----|
| 16        | 716116    | 50 | 180 | 175 | 300 | 105 | 50 |



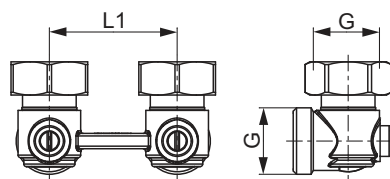
## TECE two-pipe valve block for HC, through type

| Dimension         | Order No. | L1 | G    |
|-------------------|-----------|----|------|
| 3/4" EC x 3/4" EC | 8740435   | 50 | 3/4" |



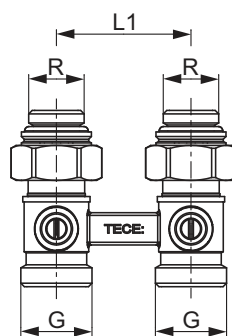
## TECE two-pipe valve block for HC, corner type

| Dimension         | Order No. | L1 | G    |
|-------------------|-----------|----|------|
| 3/4" EC x 3/4" EC | 8740436   | 50 | 3/4" |



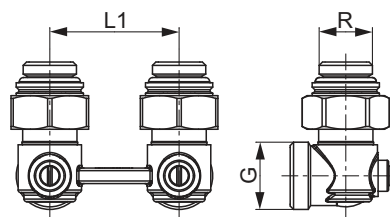
## TECE two-pipe valve block for HC 1/2" MT, through type

| Dimension        | Order No. | L1 | G    |
|------------------|-----------|----|------|
| 3/4" EC x R 1/2" | 8740437   | 50 | 3/4" |



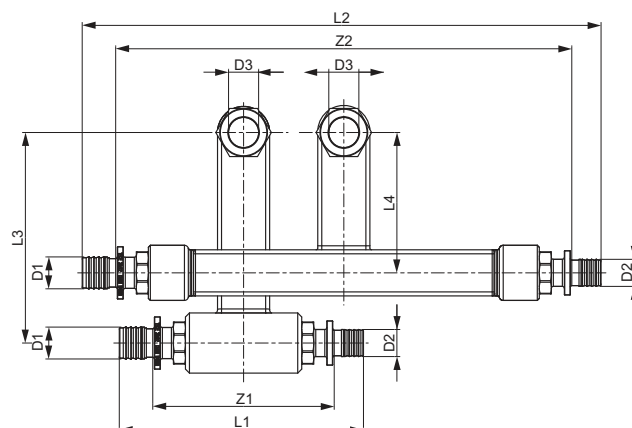
## TECE two-pipe valve block for HC 1/2" MT, corner type

| Dimension        | Order No. | L1 | G    |
|------------------|-----------|----|------|
| 3/4" EC x R 1/2" | 8740438   | 50 | 3/4" |



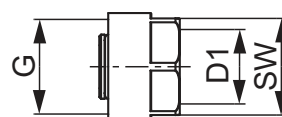
## TECEflex skirting board radiator connection set

| Dimension            | Order No. | Z1 | Z2  | L1  | L2  | L3  | L4 |
|----------------------|-----------|----|-----|-----|-----|-----|----|
| 16 x 16 x 15 mm Cu   | 730110    | 90 | 227 | 120 | 257 | 105 | 70 |
| 20 x 20 x 15 mm Cu   | 730115    | 91 | 227 | 124 | 261 | 105 | 70 |
| 20 x 16 x 15 mm Cu   | 730120    | 91 | 228 | 122 | 259 | 105 | 70 |
| 16 x 20 x 15 mm Cu   | 730125    | 91 | 228 | 122 | 259 | 105 | 70 |
| 16 x plug x 15 mm Cu | 730130    | -  | -   | 97  | 234 | 105 | 70 |
| Plug x 16 x 15 mm Cu | 730135    | -  | -   | 97  | 234 | 105 | 70 |



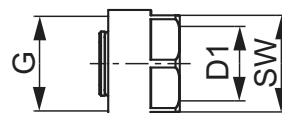
## TECEflex clamped joint for all-plastic pipes

| Dimension | Order No. | G    | SW |
|-----------|-----------|------|----|
| 14        | 713014    | 3/4" | 27 |
| 16        | 713516    | 3/4" | 27 |
| 20        | 713020    | 3/4" | 27 |



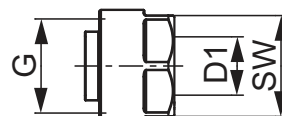
## TECEflex clamped joint for TECEflex multi-layer composite pipe

| Dimension | Order No. | G    | SW |
|-----------|-----------|------|----|
| 14        | 713314    | 3/4" | 27 |
| 16        | 713316    | 3/4" | 27 |
| 20        | 713320    | 3/4" | 27 |



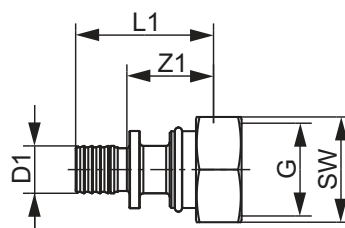
## TECE EC Eurocone clamped joint for copper pipes

| Dimension                   | Order No. | G    | SW |
|-----------------------------|-----------|------|----|
| 3/4" for copper pipe 15 x 1 | 8740439   | 3/4" | 27 |



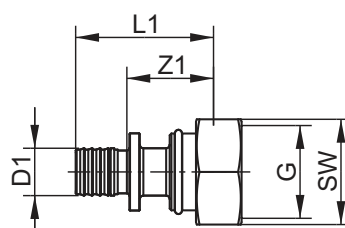
## TECEflex 3/4" Eurocone screw connector with TECEflex pressure connection made of brass, nickel-plated

| Dimension | Order No. | Z1 | L1 | G    | SW |
|-----------|-----------|----|----|------|----|
| 16        | 7136161   | 25 | 39 | 3/4" | 30 |
| 20        | 7136201   | 23 | 40 | 3/4" | 30 |



## TECEflex Eurocone screw connection 3/4" with TECEflex press connection made of standard brass

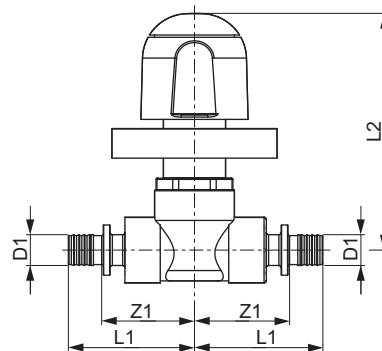
| Dimension | Order No. | Z1 | L1 | G    | SW |
|-----------|-----------|----|----|------|----|
| 16        | 763616    | 25 | 39 | 3/4" | 30 |
| 20        | 763620    | 26 | 43 | 3/4" | 30 |



# TECEflex – Dimensional drawings

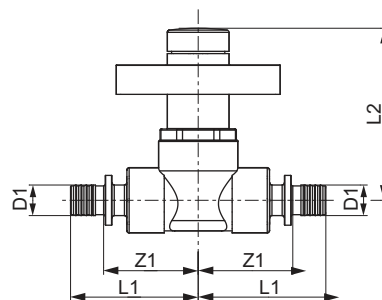
## TECEflex UP ball valve with handwheel

| Dimension | Order No. | Z1 | L1 | L2  |
|-----------|-----------|----|----|-----|
| 16 x 16   | 751016    | 28 | 42 | 104 |
| 20 x 20   | 751020    | 28 | 46 | 104 |



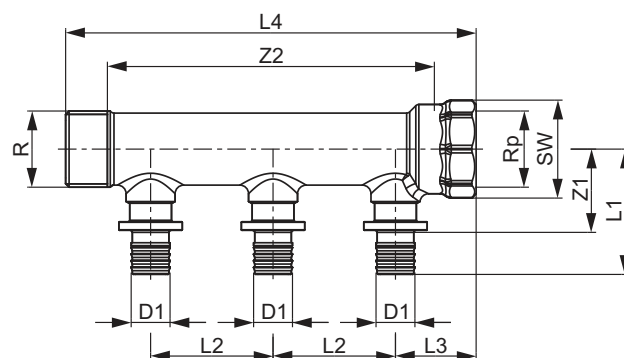
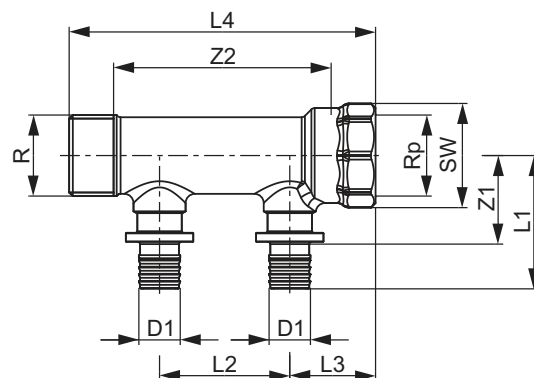
## TECEflex UP ball valve with dummy cap

| Dimension | Order No. | Z1 | L1 | L2 |
|-----------|-----------|----|----|----|
| 16 x 16   | 751116    | 28 | 42 | 76 |
| 20 x 20   | 751120    | 28 | 46 | 76 |



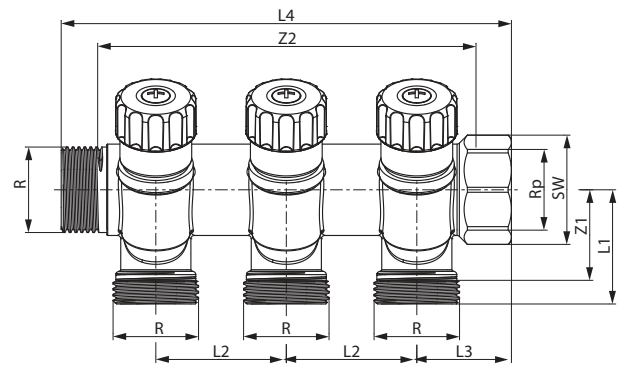
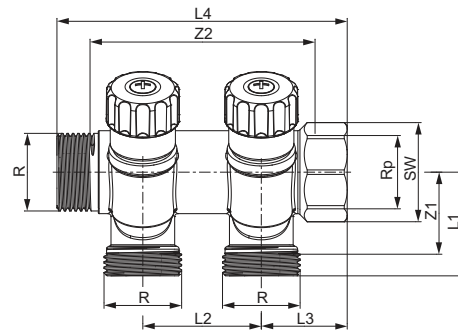
## TECEflex manifold made of red brass/silicon bronze

| Dimension                       | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|---------------------------------|-----------|----|-----|----|----|----|-----|----|
| R 3/4" x Rp 3/4" x 16 Two-way   | 712201    | 29 | 71  | 44 | 43 | 28 | 100 | 32 |
| R 3/4" x Rp 3/4" x 16 Three-way | 712202    | 29 | 114 | 44 | 43 | 28 | 143 | 32 |



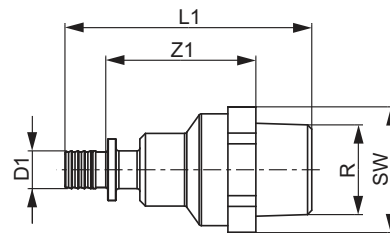
## TECE universal manifold, with shut-off, standard brass

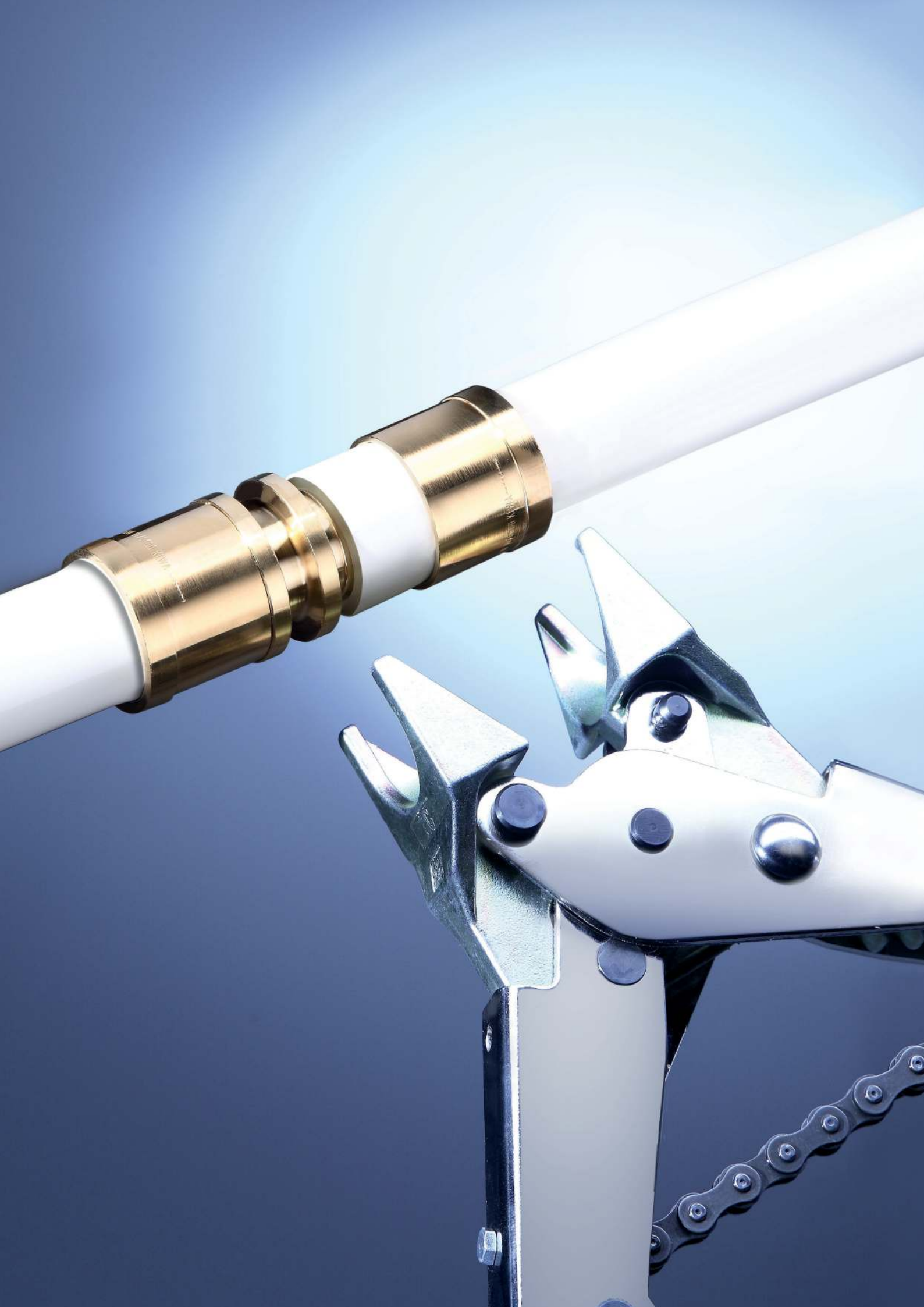
| Dimension                | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|--------------------------|-----------|----|-----|----|----|----|-----|----|
| 3/4" x 3/4" EC Two-way   | 8730006   | 28 | 73  | 35 | 40 | 29 | 98  | 32 |
| 3/4" x 3/4" EC Three-way | 8730007   | 28 | 133 | 35 | 40 | 29 | 138 | 32 |



## TECEflex gas safety fitting, can be installed vertically upward or horizontally

| Dimension             | Order No. | Z1 | L1  | SW |
|-----------------------|-----------|----|-----|----|
| 20 x R 1" GFG 2.5/TSO | 750202    | 58 | 91  | 41 |
| 25 x R 1" GFG 2.5/TSO | 750204    | 59 | 99  | 41 |
| 25 x R 1" GFG 4/TSO   | 750206    | 59 | 99  | 41 |
| 32 x R 1" GFG 4/TSO   | 750208    | 60 | 107 | 41 |
| 32 x R 1" GFG 6/TSO   | 750210    | 60 | 107 | 41 |





Pipe Systems

# TECElogo PUSH-FITTING SYSTEM

ASSORTMENT LIST 2019





|                          | Page |
|--------------------------|------|
| Composite pipe           | 74   |
| Push fittings            | 78   |
| Push assembly elements   | 85   |
| Push radiator connection | 89   |
| Push manifold            | 94   |
| System components        | 97   |
| Tools                    | 99   |
| Starter set              | 102  |
| Spare parts              | 104  |
| Technical pipe data      | 106  |
| Dimensional drawings     | 108  |

Use TECElogo fittings with original TECElogo pipes only. The warranty will be invalid if non-system components are used. TECElogo must be processed only with system cutter and calibration tools.

Delivery unit 1 (DU 1) is not available for technical reasons.

## The TECElogo Installation System

The TECElogo installation system TECElogo is a universally applicable system with the dimensions 16-63 mm which has been certified by the DVGW (i.e. the German Association for Gas and Water Applications). It is suitable for heating and potable water systems. Depending on the type of pipe, it fulfills all requirements of DIN ISO 21003 for application class 5/10 bar for the heating installation or the application class 2/10 bar for the potable water installation. Processing and laying must be carried out in accordance with DIN EN 806, DIN EN 1717 and national supplementary standards of DIN 1988, manufacturer-specific specifications and in compliance with the relevant standards. Leak test has been carried out in accordance with ZVSHK instruction leaflet, issue January 2011. Flushing in accordance with DIN EN 806-4 or the ZVSHK (i.e. German Central Association Plumbing, Heating, and Air Conditioning) instruction leaflet, issue October 2004.

### System components:

TECElogo multi-layer composite pipe in accordance with DIN EN ISO 21003, consists of a medium carrying pipe made of electron beam cross-linked polyethylene (PE-Xc) or high-density polyethylene with increased temperature resistance (PE-RT type 2), the intermediate layer made of a butt-welded aluminium pipe and an outer protective layer made of polyethylene (PE-RT).

### TECElogo-Push:

Push fittings with integrated retaining technology for a tool-free connection. Threaded fittings made of red brass/silicon bronze, threadless fittings made of polyphenylsulfone (PPSU). As an alternative, fittings made of standard brass are available.

## TECElogo multi-layer composite pipe PE-Xc/Al/PE-RT

Multi-layer composite pipe to DIN EN 21003 for potable water and heating installations. 100 % diffusion tight.

| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 - Roll | 8700016   | 100 m | 1000 m | 2000 m |
| 20 - Roll | 8700020   | 100 m | 700 m  | 1400 m |
| 25 - Roll | 8700025   | 50 m  | 350 m  | 700 m  |
| 32 - Roll | 8700032   | 25 m  | 125 m  | -      |
| 16 - Rod  | 8700116   | 100 m | -      | -      |
| 20 - Rod  | 8700120   | 70 m  | -      | -      |
| 25 - Rod  | 8700125   | 45 m  | -      | -      |
| 32 - Rod  | 8700132   | 30 m  | -      | -      |
| 40 - Rod  | 8700140   | 15 m  | -      | -      |
| 50 - Rod  | 8700150   | 15 m  | -      | -      |
| 63 - Rod  | 8700163   | 5 m   | -      | -      |

(rod each 5 m)



## TECElogo multi-layer composite pipe PE-RT/Al/PE-RT

Multi-layer composite pipe to DIN EN 21003 for potable water and heating installations. 100 % diffusion tight.

| Dimension | Order No. | DU 1            | DU 2   | DU 3   |
|-----------|-----------|-----------------|--------|--------|
| 16 - Roll | 8705016   | 100 m           | 1000 m | 2000 m |
| 20 - Roll | 8705020   | 100 m           | 700 m  | 1400 m |
| 25 - Roll | 8705025   | 50 m            | 350 m  | 700 m  |
| 16 - Rod  | 8705116   | 100 m           | -      | -      |
| 20 - Rod  | 8705120   | 70 m            | -      | -      |
| 25 - Rod  | 8705125   | 45 m            | -      | -      |
| 32 - Rod  | 8705132   | <b>NEW</b> 30 m | -      | -      |

(rod each 5 m)



**TECElogo multi-layer composite pipe PE-RT/Al/PE-RT in corrugated sheath pipe, black**

Multi-layer composite pipe to DIN EN 21003 for potable water and heating installations, in corrugated sheath pipe (colour: black). 100 % diffusion tight.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 16 - Roll | 8705216   | 75 m | 525 m | 1050 m |
| 20 - Roll | 8705220   | 50 m | 350 m | 700 m  |
| 25 - Roll | 8705225   | 25 m | 175 m | 350 m  |

**TECElogo multi-layer composite pipe PE-RT/Al/PE-RT in corrugated sheath pipe, red**

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation in corrugated sheath pipe (colour red). 100 % diffusion-tight.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 16 - Roll | 8709016   | 75 m | 525 m | 1050 m |
| 20 - Roll | 8709020   | 50 m | 350 m | 700 m  |

**TECElogo multi-layer composite pipe PE-RT/Al/PE-RT in corrugated sheath pipe, blue**

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation in corrugated sheath pipe (colour blue). 100 % diffusion-tight.

| Dimension | Order No. | DU 1 | DU 2  | DU 3   |
|-----------|-----------|------|-------|--------|
| 16 - Roll | 8709017   | 75 m | 525 m | 1050 m |
| 20 - Roll | 8709021   | 50 m | 350 m | 700 m  |

**TECElogo multi-layer composite pipe PE-RT/Al/PE-RT pre-insulated, 6 mm insulation, red**

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installations, pre-insulated with 6 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with DIN 1988-200 (table 8, no. 4/5 and table 9, no. 6).

| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 6 mm insulation | 8702116   | 75 m | 300 m | 600 m |
| 20 - 6 mm insulation | 8702120   | 75 m | 300 m | 600 m |
| 25 - 6 mm insulation | 8702125   | 50 m | 200 m | 400 m |



# TECElogo – Composite pipe

## TECElogo multi-layer composite pipe PE-RT/Al/PE-RT pre-insulated, 6 mm insulation, blue

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installations, pre-insulated with 6 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: blue). Can be used in accordance with DIN 1988-200 (table 8, no. 4/5 and table 9, no. 6).



| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 6 mm insulation | 8702516   | 75 m | 300 m | 600 m |
| 20 - 6 mm insulation | 8702520   | 75 m | 300 m | 600 m |
| 25 - 6 mm insulation | 8702525   | 50 m | 200 m | 400 m |

## TECElogo multi-layer composite pipe PE-RT/Al/PE-RT pre-insulated, 9 mm insulation, red

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 9 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with EnEV 2009 (appendix 5, table 1, line 7) and DIN 1988-200 (table 8, no. 1).



| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 9 mm insulation | 8702016   | 75 m | 225 m | 450 m |
| 20 - 9 mm insulation | 8702020   | 75 m | 225 m | 450 m |
| 25 - 9 mm insulation | 8702025   | 50 m | 150 m | 300 m |

## TECElogo multi-layer composite pipe PE-RT/Al/PE-RT pre-insulated, 9 mm insulation, blue

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 9 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: blue). Can be used in accordance with EnEV 2009 (appendix 5, table 1, line 7) and DIN 1988-200 (table 8, no. 1).



| Dimension            | Order No. | DU 1 | DU 2  | DU 3  |
|----------------------|-----------|------|-------|-------|
| 16 - 9 mm insulation | 8702416   | 75 m | 225 m | 450 m |
| 20 - 9 mm insulation | 8702420   | 75 m | 225 m | 450 m |
| 25 - 9 mm insulation | 8702425   | 50 m | 150 m | 300 m |

## TECElogo multi-layer composite pipe PE-RT/Al/PE-RT pre-insulated, 13 mm insulation, red

Multi-layer composite pipe to DIN EN ISO 21003 for potable water and heating installation, pre-insulated with 13 mm PE insulation ( $\lambda_R = 0.04 \text{ W/mK}$ ) and tear-proof PE foil (colour: red). Can be used in accordance with EnEV 2009 (appendix 5, table 1, line 5 and 6) and DIN 1988-200 (table 8, no. 2 and 6).



| Dimension     | Order No. | DU 1 | DU 2  | DU 3  |
|---------------|-----------|------|-------|-------|
| 16 - RS 13 mm | 8702216   | 50 m | 150 m | 300 m |
| 20 - RS 13 mm | 8702220   | 50 m | 150 m | 300 m |
| 25 - RS 13 mm | 8702225   | 25 m | 100 m | 300 m |

**TECElogo 5S all-plastic pipe****NEW**

Polymer multi-layer composite pipe to DIN EN 21003 for potable water and heating installations. Made of high-density polyethylene with increased temperature resistance. (PE-RT Type 2) oxygen-tight to DIN 4726 thanks to internal EVOH barrier layer.

Classification in accordance with DIN EN ISO 21003:

Dimension 16:

Application class 5: 6 bar,  $T_{\max}$  90 °C

Application class 2: 10 bar,  $T_{\max}$  80 °C

Dimension 20/25:

Application class 5: 6 bar,  $T_{\max}$  90 °C

Potable water cold: 10 bar,  $T_{\max}$  20 °C



| Dimension | Order No. |            | DU 1  | DU 2   |
|-----------|-----------|------------|-------|--------|
| 16 - Roll | 8708116   | <b>NEW</b> | 100 m | 1000 m |
| 20 - Roll | 8708120   | <b>NEW</b> | 100 m | 1000 m |
| 25 - Roll | 8708125   | <b>NEW</b> | 50 m  | 500 m  |

# TECElogo – Push fittings

## TECElogo-Push female connector

Press connector for TECElogo pipes.

Red brass/silicon bronze



Standard brass\*



| Dimension      | DU 1   | DU 2    | Order No. | Order No. |
|----------------|--------|---------|-----------|-----------|
| 16 x Rp 1/2"   | 10 pc. | 100 pc. | 8713002   | 8610002   |
| 20 x Rp 1/2"   | 10 pc. | 100 pc. | 8713003   | 8610003   |
| 20 x Rp 3/4"   | 10 pc. | 80 pc.  | 8713004   | 8610004   |
| 25 x Rp 1"     | 5 pc.  | 50 pc.  | 8713006   | 8610006   |
| 25 x Rp 3/4"   | 10 pc. | 50 pc.  | 8713005   | 8610005   |
| 32 x Rp 1"     | 1 pc.  | 20 pc.  | 8713007   | 8610007   |
| 40 x Rp 1 1/2" | 1 pc.  | 20 pc.  | 8713008   | 8610008   |
| 50 x Rp 2"     | 1 pc.  | 8 pc.   | 8713009   | 8610009   |
| 63 x Rp 2"     | 1 pc.  | 4 pc.   | 8713010   | -         |

## TECElogo-Push male connector

Red brass/silicon bronze



Standard brass\*



| Dimension     | DU 1   | DU 2    | Order No. | Order No. |
|---------------|--------|---------|-----------|-----------|
| 16 x R 1/2"   | 10 pc. | 100 pc. | 8713102   | 8610102   |
| 16 x R 3/4"   | 10 pc. | 100 pc. | 8713103   | 8610103   |
| 16 x R 3/8"   | 10 pc. | 100 pc. | -         | 8610100   |
| 20 x R 1/2"   | 10 pc. | 80 pc.  | 8713104   | 8610104   |
| 20 x R 3/4"   | 10 pc. | 50 pc.  | 8713105   | 8610105   |
| 25 x R 1"     | 10 pc. | 50 pc.  | 8713107   | 8610107   |
| 25 x R 3/4"   | 10 pc. | 50 pc.  | 8713106   | 8610106   |
| 32 x R 1"     | 1 pc.  | 20 pc.  | 8713108   | 8610116   |
| 40 x R 1 1/4" | 1 pc.  | 20 pc.  | 8713109   | 8610117   |
| 50 x R 1 1/2" | 1 pc.  | 8 pc.   | 8713110   | 8610118   |
| 63 x R 2"     | 1 pc.  | 4 pc.   | 8713111   | -         |

## TECElogo-Push coupling PPSU

Push-fitting with integrated grip function. For potable water and heating installations.



| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 16 x 16   | 8710516   | 10 pc. | 80 pc. |
| 20 x 20   | 8710520   | 10 pc. | 80 pc. |
| 25 x 25   | 8710525   | 10 pc. | 80 pc. |
| 32 x 32   | 8710532   | 1 pc.  | 20 pc. |
| 40 x 40   | 8710540   | 1 pc.  | 20 pc. |
| 50 x 50   | 8710550   | 1 pc.  | 8 pc.  |
| 63 x 63   | 8710563   | 1 pc.  | 4 pc.  |

**TECElogo-Push coupling reduced PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.



| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 20 x 16   | 8710616   | 10 pc. | 80 pc. |
| 25 x 16   | 8710620   | 10 pc. | 80 pc. |
| 25 x 20   | 8710625   | 10 pc. | 80 pc. |
| 32 x 20   | 8710632   | 1 pc.  | 20 pc. |
| 32 x 25   | 8710633   | 1 pc.  | 20 pc. |
| 40 x 32   | 8710640   | 1 pc.  | 20 pc. |
| 50 x 40   | 8710650   | 1 pc.  | 8 pc.  |
| 63 x 50   | 8710663   | 1 pc.  | 4 pc.  |

**TECElogo-Push 90° elbow PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.



| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16 x 16   | 8710716   | 10 pc. | 100 pc. |
| 20 x 20   | 8710720   | 10 pc. | 50 pc.  |
| 25 x 25   | 8710725   | 10 pc. | 40 pc.  |
| 32 x 32   | 8710732   | 1 pc.  | 20 pc.  |
| 40 x 40   | 8710740   | 1 pc.  | 8 pc.   |
| 50 x 50   | 8710750   | 1 pc.  | 4 pc.   |
| 63 x 63   | 8710763   | 1 pc.  | 4 pc.   |

**TECElogo-Push push-fitting 90° elbow PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.



| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16 x 16   | 8711116   | 10 pc. | 100 pc. |
| 20 x 20   | 8711120   | 10 pc. | 50 pc.  |
| 25 x 25   | 8711125   | 10 pc. | 40 pc.  |

**TECElogo-Push elbow 45° red brass/silicon bronze**

Push-fitting with integrated grip function. For potable water and heating installations.



| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 25 x 25   | 8711225   | 10 pc. | 40 pc. |
| 32 x 32   | 8711232   | 5 pc.  | 20 pc. |
| 40 x 40   | 8711240   | 2 pc.  | 20 pc. |
| 50 x 50   | 8711250   | 2 pc.  | 10 pc. |
| 63 x 63   | 8711263   | 1 pc.  | 5 pc.  |

# TECElogo – Push fittings

## TECElogo-Push female elbow

Red brass/silicon bronze

Standard brass\*



| Dimension    | DU 1   | DU 2    | Order No. | Order No. |
|--------------|--------|---------|-----------|-----------|
| 16 x Rp 1/2" | 10 pc. | 100 pc. | 8713202   | 8610202   |
| 20 x Rp 1/2" | 10 pc. | 100 pc. | 8713203   | 8610203   |
| 20 x Rp 3/4" | 10 pc. | 80 pc.  | 8713204   | 8610204   |
| 25 x Rp 3/4" | 10 pc. | 50 pc.  | 8713205   | 8610205   |
| 32 x Rp 1"   | 1 pc.  | 20 pc.  | 8713206   | 8610206   |

## TECElogo-Push male elbow

Red brass/silicon bronze

Standard brass\*



| Dimension   | DU 1   | DU 2    | Order No. | Order No. |
|-------------|--------|---------|-----------|-----------|
| 16 x R 1/2" | 10 pc. | 100 pc. | 8713302   | 8610302   |
| 20 x R 1/2" | 10 pc. | 80 pc.  | 8713303   | 8610303   |
| 20 x R 3/4" | 10 pc. | 80 pc.  | 8713304   | 8610304   |
| 25 x R 1"   | 10 pc. | 50 pc.  | 8713306   | 8610306   |
| 25 x R 3/4" | 10 pc. | 50 pc.  | 8713305   | 8610305   |
| 32 x R 1"   | 1 pc.  | 20 pc.  | 8713307   | 8610312   |

## TECElogo-Push tee female thread

Red brass/silicon bronze

Standard brass\*



| Dimension           | DU 1   | DU 2   | Order No. | Order No. |
|---------------------|--------|--------|-----------|-----------|
| 16 x Rp 1/2" x 16   | 10 pc. | 80 pc. | 8713402   | 8610402   |
| 20 x Rp 1/2" x 20   | 10 pc. | 50 pc. | 8713403   | 8610403   |
| 25 x Rp 3/4" x 25   | 10 pc. | 40 pc. | 8713404   | 8610404   |
| 32 x Rp 1" x 32     | 1 pc.  | 8 pc.  | 8713405   | 8610406   |
| 40 x Rp 1" x 40     | 1 pc.  | 8 pc.  | 8713406   | 8610408   |
| 50 x Rp 1 1/4" x 50 | 1 pc.  | 4 pc.  | 8713407   | 8610410   |
| 63 x Rp 1 1/2" x 63 | 1 pc.  | 4 pc.  | 8713408   | -         |



**TECElogo-Push tee PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 16 x 16 x 16 | 8710916   | 10 pc. | 40 pc. |
| 20 x 20 x 20 | 8710920   | 10 pc. | 40 pc. |
| 25 x 25 x 25 | 8710925   | 10 pc. | 40 pc. |
| 32 x 32 x 32 | 8710932   | 1 pc.  | 8 pc.  |
| 40 x 40 x 40 | 8710940   | 1 pc.  | 8 pc.  |
| 50 x 50 x 50 | 8710950   | 1 pc.  | 4 pc.  |
| 63 x 63 x 63 | 8710963   | 1 pc.  | 4 pc.  |

**TECElogo-Push tee reduced PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 20 x 16 x 16 | 8711004   | 10 pc. | 40 pc. |
| 20 x 16 x 20 | 8711005   | 10 pc. | 40 pc. |
| 20 x 20 x 16 | 8711006   | 10 pc. | 40 pc. |
| 20 x 25 x 20 | 8711011   | 10 pc. | 40 pc. |
| 25 x 16 x 16 | 8711007   | 10 pc. | 40 pc. |
| 25 x 16 x 25 | 8711008   | 10 pc. | 40 pc. |
| 25 x 20 x 20 | 8711009   | 10 pc. | 40 pc. |
| 25 x 20 x 25 | 8711010   | 10 pc. | 40 pc. |
| 32 x 16 x 32 | 8711012   | 1 pc.  | 8 pc.  |
| 32 x 20 x 32 | 8711013   | 1 pc.  | 8 pc.  |
| 32 x 25 x 32 | 8711014   | 1 pc.  | 8 pc.  |
| 32 x 25 x 25 | 8711015   | 1 pc.  | 8 pc.  |
| 40 x 25 x 40 | 8711017   | 1 pc.  | 8 pc.  |
| 40 x 32 x 40 | 8711018   | 1 pc.  | 8 pc.  |
| 40 x 32 x 32 | 8711019   | 1 pc.  | 8 pc.  |
| 50 x 25 x 50 | 8711020   | 1 pc.  | 4 pc.  |
| 50 x 32 x 50 | 8711021   | 1 pc.  | 4 pc.  |
| 63 x 32 x 63 | 8711022   | 1 pc.  | 4 pc.  |
| 63 x 50 x 63 | 8711023   | 1 pc.  | 4 pc.  |

**TECElogo-Push end plug PPSU**

Push-fitting with integrated grip function. For potable water and heating installations.

| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 16        | 8710817   | 10 pc. | 50 pc. |
| 20        | 8710821   | 10 pc. | 50 pc. |



# TECElogo – Push fittings

## TECElogo-Push pressing adapter red brass/silicon bronze

Pressing adapter on stainless-steel or copper pipes with TECElogo-Push push-fitting with integrated grip function.



| Dimension  | Order No. | DU 1   | DU 2    |
|------------|-----------|--------|---------|
| 16 x 15 mm | 8730100   | 10 pc. | 100 pc. |
| 20 x 18 mm | 8730101   | 10 pc. | 100 pc. |
| 25 x 22 mm | 8730102   | 10 pc. | 50 pc.  |

## TECElogo-Push screw connection, flat sealing

Red brass/silicon bronze

Standard brass\*



| Dimension   | DU 1  | DU 2   | Order No. | Order No. |
|-------------|-------|--------|-----------|-----------|
| 16 x 1/2"   | 5 pc. | 80 pc. | 8733201   | 8630201   |
| 16 x 3/4"   | 5 pc. | 80 pc. | 8733202   | 8630202   |
| 16 x 3/8"   | 5 pc. | 80 pc. | -         | 8630200   |
| 20 x 3/4"   | 5 pc. | 50 pc. | 8733203   | 8630203   |
| 25 x 1"     | 5 pc. | 50 pc. | 8733204   | 8630204   |
| 32 x 1 1/4" | 1 pc. | 20 pc. | 8733205   | 8630205   |
| 40 x 1 1/2" | 1 pc. | 20 pc. | -         | 8630207   |

## TECElogo-Push elbow coupling flat sealing DR brass\*

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16 x 3/8" | 8730215   | 5 pc. | 80 pc. |
| 16 x 1/2" | 8730216   | 5 pc. | 80 pc. |



## TECElogo-Push wall disk

Red brass/silicon bronze

Standard brass\*



| Dimension    | DU 1   | DU 2   | Order No. | Order No. |
|--------------|--------|--------|-----------|-----------|
| 16 x Rp 1/2" | 10 pc. | 80 pc. | 8723002   | 8620002   |
| 20 x Rp 1/2" | 10 pc. | 60 pc. | -         | 8620003   |

**TECElogo-Push universal wall disk red brass/silicon bronze**

Universal wall disk with 20 mm plug-in male thread for TECElogo-Push push-fittings with integrated grip function. For potable water and heating installations.

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 20 x Rp 1/2" | 8723003   | 10 pc. | 60 pc. |

**Note:**

In conjunction with a TECElogo-Push tee or tee reduced, you build your double wall disk yourself.

**TECElogo-Push universal double wall disk red brass/silicon bronze**

Universal double wall disk with 20 mm plug-in male thread for TECElogo-Push push-fittings with integrated grip function. For potable water and heating installations.

| Dimension         | Order No. | DU 1   | DU 2   |
|-------------------|-----------|--------|--------|
| 20 x Rp 1/2" x 20 | 8723011   | 10 pc. | 40 pc. |

**TECElogo-Push double wall disk standard brass\***

| Dimension         | Order No. | DU 1   | DU 2   |
|-------------------|-----------|--------|--------|
| 16 x Rp 1/2" x 16 | 8620007   | 10 pc. | 40 pc. |

**TECElogo-Push universal wall disk, long, red brass/silicon bronze**

Universal wall disk, long, with 20 mm plug-in male thread for TECElogo-Push push-fittings with integrated grip function. For potable water and heating installations.

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 20 x Rp 1/2" | 8723008   | 10 pc. | 50 pc. |

**Note:**

In conjunction with a TECElogo-Push tee or tee reduced, you build your double wall disk yourself.

**TECElogo-Push wall disk long, standard brass\***

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 16 x Rp 1/2" | 8620008   | 10 pc. | 50 pc. |



## TECElogo – Push fittings

### TECElogo universal wall bushing red brass/silicon bronze

Universal wall bushing with 16 mm plug-in male thread for TECElogo push-fittings with integrated grip function. For potable water and heating installations. With pressure ring, screws and sound-insulation inserts, can be adjusted for wall thicknesses of 18-25 mm.



| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 16 x Rp 1/2" | 8723009   | 10 pc. | 40 pc. |

### TECElogo-Push mounting unit 150 mm standard brass\*

| Dimension    | Order No. | DU 1   | DU 2   |
|--------------|-----------|--------|--------|
| 16 x Rp 1/2" | 8620009   | 10 pc. | 40 pc. |



### TECElogo-Push plug-in coupling DR brass\*

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 25 x 20   | 8730028   | 1 pc. | 50 pc. |



### TECElogo-Push push-in stopper

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16        | 8730032   | 10 pc. | 200 pc. |



**TECE sound-proofing element**

Sound-proofing element for TECEflex and TECElogo wall disks. To minimize transmission of noise to the structure; consisting of sound insulation inserts and sound-proofing cover.



| Dimension                    | Order No. | DU 1   | DU 2   |
|------------------------------|-----------|--------|--------|
| For 1/2" wall disks          | 718017    | 10 pc. | 40 pc. |
| For 1/2" wall disks, long    | 718022    | 10 pc. | 40 pc. |
| For 1/2" U-double wall disks | 718024    | 10 pc. | 40 pc. |

**TECE sound shield for wall disk**

Sound shield for TECEflex and TECElogo wall disks. To reduce noise transmission to structure.



| Order No. | DU 1   | DU 2    |
|-----------|--------|---------|
| 718026    | 10 pc. | 100 pc. |

## TECElogo – Push assembly elements

### TECE Seal System assembly plug with sealing sleeve

Reusable special assembly plug for mounting the sealing sleeve in the shell construction phase. Suitable for leak and load testing with air or water. With a metallic thread made of material suitable for drinking water, including Seal System sealing sleeve.

Length: 117 mm

Thread: 1/2"

Diameter: 38 mm



| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 1/2"      | 704802    | 6 pc. |

### TECE Seal System sealing sleeve

Sealing sleeve for creating a standard-compliant wall bushing with walls exposed to water in accordance with DIN 18534 (2017).

Leak water created by an unsealed threaded connection between the wall disk and the valve extension is guided forwards out of the wall. In addition to the TECE wall disks, also suitable for many third-party products.

Length: 100 mm

Diameter: 37.5 mm



| Dimension | Order No. | DU 1   |
|-----------|-----------|--------|
| 1/2"      | 704801    | 10 pc. |

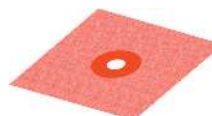
In connection with the Seal System sealing sleeve and a suitable sealing grout. The suitability of external products can be found in the technical information.

### TECE Seal System sealing collar

Seal System sealing collar for sealing against intrusion of moisture into the wall via fitting connections.

Length x width: 140 x 140 mm

Internal diameter: 15 mm



| Order No. | DU 1   |
|-----------|--------|
| 704803    | 10 pc. |

### TECE Seal System sealing set for wall bushings

Seal System sealing set consisting of:

- 2 x assembly plugs
- 2 x sealing sleeves
- 2 x sealing collars

| Order No. | DU 1  |
|-----------|-------|
| 704805    | 1 pc. |



**TECE fastener made of galvanized steel, single**

To fasten TECEflex and TECElogo wall disks, angled, made of galvanized steel.

| Order No. | DU 1   | DU 2   |
|-----------|--------|--------|
| 720527    | 10 pc. | 80 pc. |

**TECE fastener made of galvanized steel, double**

To fasten TECEflex and TECElogo wall disks, angled, made of galvanized steel. Suitable for dimensions 150 and 80 mm.

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 720528    | 5 pc. | 20 pc. |

**TECE screw**

To fasten TECEflex and TECElogo wall disks to galvanized steel fasteners.

| Dimension   | Order No. | DU 1    | DU 2     |
|-------------|-----------|---------|----------|
| 3,5 x 16 mm | 720524    | 100 pc. | 3000 pc. |

**TECElogo-Push mounting, red brass/silicon bronze**

Prefabricated mounting unit, dimension 80 mm. Consisting of two TECElogo-Push wall disks, mounted twist-proof on TECE wall mount. Includes sound-proofing elements and fastener for drain bend. For potable water installations.

| Dimension    | Centres | Order No. | DU 1  | DU 2  |
|--------------|---------|-----------|-------|-------|
| 16 x Rp 1/2" | 80 mm   | 8723101   | 1 pc. | 5 pc. |

**TECElogo-Push mounting unit, red brass/silicon bronze**

Prefabricated mounting unit, dimension 150 mm. Consisting of two TECElogo-Push wall disks, mounted twist-proof on TECE wall mount, includes sound-proofing elements. For potable water installations.

| Dimension    | Centres | Order No. | DU 1  | DU 2  |
|--------------|---------|-----------|-------|-------|
| 16 x Rp 1/2" | 150 mm  | 8723100   | 1 pc. | 5 pc. |

**TECElogo-Push universal mounting, red brass/silicon bronze**

Prefabricated mounting unit, dimension 150 mm. Consisting of two TECElogo-Push universal wall disks, mounted twist-proof on TECE wall mount, includes sound-proofing elements. For potable water installations.

| Dimension | Centres | Order No. | DU 1  | DU 2  |
|-----------|---------|-----------|-------|-------|
| 20 x 1/2" | 150 mm  | 8723102   | 1 pc. | 5 pc. |



## TECElogo – Push assembly elements

### TECElogo-Push mounting unit standard brass

| Dimension    | Centres | Order No. | DU 1  | DU 2  |
|--------------|---------|-----------|-------|-------|
| 16 x Rp 1/2" | 150 mm  | 8620100   | 1 pc. | 5 pc. |



### TECElogo-Push mounting unit standard brass

| Dimension | Centres | Order No. | DU 1  | DU 2  |
|-----------|---------|-----------|-------|-------|
| 16 x 1/2" | 153 mm  | 8620103   | 1 pc. | 5 pc. |





**TECElogo protection box for cross-fittings**

Protection box for TECElogo cross-fittings.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-20     | 8740100   | 1 pc. |

**TECElogo-Push cross-fitting brass, nickel-plated**

Cross-fitting with push-fitting with integrated grip function. For heating installations.

| Dimension    | Order No. | DU 1  | DU 2   |
|--------------|-----------|-------|--------|
| 16 x 16 x 16 | 8740101   | 1 pc. | 10 pc. |
| 20 x 16 x 16 | 8740102   | 1 pc. | 10 pc. |
| 20 x 16 x 20 | 8740103   | 1 pc. | 10 pc. |

**TECElogo radiator mounting elbow**

Radiator mounting elbow with push-fitting with integrated grip function. For heating installations. 15 mm copper pipe, nickel-plated.

| Dimension     | Order No. | DU 1   | DU 2   |
|---------------|-----------|--------|--------|
| 16 x 15 mm Cu | 8740401   | 10 pc. | 50 pc. |
| 20 x 15 mm Cu | 8740402   | 10 pc. | 50 pc. |

**TECElogo radiator mounting tee**

Radiator mounting tee with push-fitting with integrated grip function. For heating installations. 15 mm copper pipe, nickel-plated.

| Dimension     | Order No. | DU 1   | DU 2   |
|---------------|-----------|--------|--------|
| 16 x 15 mm Cu | 8740403   | 10 pc. | 40 pc. |
| 20 x 15 mm Cu | 8740404   | 10 pc. | 40 pc. |

**TECElogo radiator mounting set**

Radiator mounting set with push-fitting with integrated grip function. For compact radiator with integrated valve, floor-mounted. For heating installations. 15 mm copper pipe, nickel-plated.

| Dimension     | Order No. | DU 1  | DU 2  |
|---------------|-----------|-------|-------|
| 16 x 15 mm Cu | 8740405   | 1 pc. | 5 pc. |



## TECElogo – Push radiator connection

### TECElogo radiator mounting set

Radiator mounting set with push-fitting with integrated grip function. For compact radiator with integrated valve, wall-mounted. For heating installations. 15 mm copper pipe, nickel-plated.

| Dimension     | Order No. | DU 1  | DU 2  |
|---------------|-----------|-------|-------|
| 16 x 15 mm Cu | 8740406   | 1 pc. | 5 pc. |



### TECE skirting board radiator elbow shut-offs

Made of 15 mm nickel-plated Cu pipe, adjustable and with shut-off, for connection of radiator to TECEflex or TECElogo skirting board radiator connection set.

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 15 mm Cu  | 730010    | 1 set | 25 set |



### TECE skirting board radiator elbows

Made of nickel-plated Cu pipe 15 mm. To connect radiator to TECEflex or TECElogo skirting board radiator connection set.

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 15 mm Cu  | 730025    | 1 set | 20 set |



### TECE male pinch screw connection 1/2"

15 mm, nickel-plated pinch screw connection to join TECEflex/TECElogo radiator mounting elbow or radiator tees to thermostat valves or to the radiator screw connections.

| Dimension      | Order No. | DU 1   | DU 2    |
|----------------|-----------|--------|---------|
| 15 mm x R 1/2" | 717501    | 10 pc. | 150 pc. |



### TECE thermostat head

Thermostat head M 30 x 1.5, setting range 1-5 (equivalent to 7-28 °C).

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 8740430   | 1 pc. | 15 pc. |



### TECE thermostat valve body, through type

Thermostat valve body, through type, preconfigurable.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740431   | 1 pc. | 20 pc. |



**TECE thermostat valve body, corner type**

Thermostat valve body, corner type, preconfigurable.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740432   | 1 pc. | 20 pc. |

**TECE radiator return screw connection, through type**

Radiator return screw connection, through type.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740433   | 1 pc. | 20 pc. |

**TECE radiator return screw connection, corner type**

Radiator return screw connection, corner version.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| R 1/2" x Rp 1/2" | 8740434   | 1 pc. | 20 pc. |

**TECE two-pipe valve block for HC, through type**

Two-pipe valve block for radiator, through type with 3/4" Eurocone.

| Dimension         | Order No. | DU 1  | DU 2   |
|-------------------|-----------|-------|--------|
| 3/4" EC x 3/4" EC | 8740435   | 1 pc. | 10 pc. |

**TECE two-pipe valve block for HC, corner type**

Two-pipe valve block for radiator, corner type with 3/4" Eurocone.

| Dimension         | Order No. | DU 1  | DU 2   |
|-------------------|-----------|-------|--------|
| 3/4" EC x 3/4" EC | 8740436   | 1 pc. | 10 pc. |

**TECE two-pipe valve block for HC 1/2" MT, through type**

Two-pipe valve block for radiator, through type with 1/2" male thread and 3/4" Eurocone.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| 3/4" EC x R 1/2" | 8740437   | 1 pc. | 10 pc. |

**TECE two-pipe valve block for HC 1/2" MT, corner type**

Two-pipe valve block for radiator, corner type with 1/2" male thread and 3/4" Eurocone.

| Dimension        | Order No. | DU 1  | DU 2   |
|------------------|-----------|-------|--------|
| 3/4" EC x R 1/2" | 8740438   | 1 pc. | 10 pc. |



## TECElogo – Push radiator connection

### TECElogo-Push skirting board rad. con. set

Skirting board radiator connection set, nickel-plated brass, for flow and return pipes incl. 2 clamping ring connections 1/2" x 15 Cu, with TECElogo-Push push-fitting with integrated grip function.

| Dimension            | Order No. | DU 1  | DU 2   |
|----------------------|-----------|-------|--------|
| 16 x 16 x 15 mm Cu   | 8740421   | 1 set | 10 set |
| 20 x 20 x 15 mm Cu   | 8740422   | 1 set | 10 set |
| 16 x plug x 15 mm Cu | 8740423   | 1 set | 10 set |
| Plug x 16 x 15 mm Cu | 8740424   | 1 set | 10 set |



### TECElogo radiator mounting unit

Radiator mounting unit for compact radiator with integrated valve, with pre-insulated multi-layer composite pipe, 9 mm insulation,  $\lambda_R$  0.040 W/(mK).

| Dimension | Order No. | DU 1  | DU 2  |
|-----------|-----------|-------|-------|
| 16        | 8740550   | 1 pc. | 5 pc. |



### TECElogo-Push adapter screw connection standard brass

| Dimension  | Order No. | DU 1   | DU 2   |
|------------|-----------|--------|--------|
| 16 x 12 mm | 8611212   | 10 pc. | 80 pc. |
| 16 x 14 mm | 8611210   | 10 pc. | 80 pc. |
| 20 x 16 mm | 8611211   | 10 pc. | 80 pc. |
| 20 x 18 mm | 8611205   | 10 pc. | 80 pc. |



### TECElogo-Push Eurocone clamped joint\*

Clamped joint for TECElogo multi-layer composite pipe. For heating installations.

| Dimension    | Order No. | DU 1   | DU 2    |
|--------------|-----------|--------|---------|
| 16 x 3/4" EC | 8740216   | 10 pc. | 200 pc. |
| 20 x 3/4" EC | 8740220   | 10 pc. | 200 pc. |



### TECE EC Eurocone clamped joint for copper pipes\*

EC clamped joint for copper pipes 15 x 1 mm, with nickel-plated 3/4" union nut and Eurocone.

| Dimension                   | Order No. | DU 1  | DU 2    |
|-----------------------------|-----------|-------|---------|
| 3/4" for copper pipe 15 x 1 | 8740439   | 1 pc. | 100 pc. |



### TECElogo-Push pressure-testing plug with ventilation standard brass

| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 16        | 8640001   | 10 pc. | 50 pc. |



**TECElogo-Push male connector Eurocone, standard brass**

Male connector for 3/4" Eurocone clamp connection.

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 16 x 3/4" | 8610108   | 10 pc. | 100 pc. |
| 20 x 3/4" | 8610109   | 10 pc. | 50 pc.  |

**TECElogo-Push adapter screw connection with metallic sealing elements**

Adapter screw connection for hard copper pipes.

| Dimension     | Order No. | DU 1   | DU 2    |
|---------------|-----------|--------|---------|
| 16 x 15 mm Cu | 8711206   | 10 pc. | 100 pc. |
| 20 x 22 mm Cu | 8711207   | 10 pc. | 100 pc. |

**TECE pipe connector 1/2" x 3/4" MT**

Nickel-plated pipe connector 1/2" x 3/4" Eurocone to connect radiators.

| Dimension      | Order No. | DU 1   |
|----------------|-----------|--------|
| 1/2" x 3/4" EC | 8740440   | 10 pc. |



# TECElogo – Push manifold

## TECE stainless steel heating circuit manifold without flow rate indicator

Stainless steel radiator distribution manifold made of stainless-steel rectangular hollow section 40 x 1.5 mm, (grade 1.4301) in accordance with DIN EN 10088, G 1" union nut on primary side, flat sealing, nickel-plated brass, distance to heating circuit 50 mm.

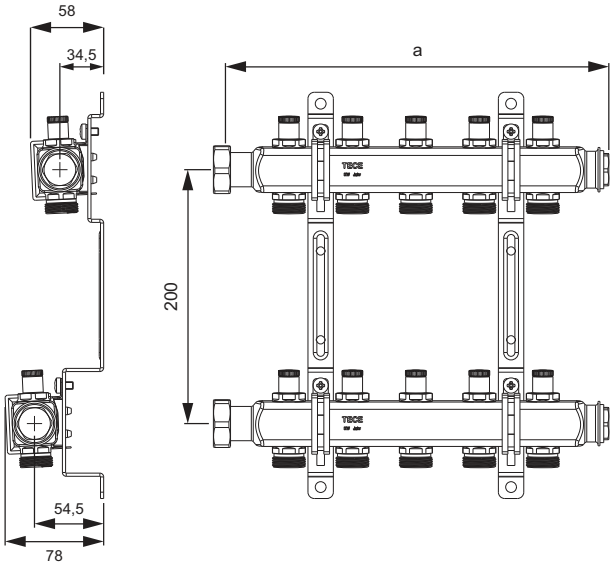
Fully pre-assembled feed and return with:

- Manifold bar with integrated control valves and black protective caps, in accordance with DIN EN 1264-4, outgoing side with pipe connectors on G 3/4" male thread, inside cone in accordance with DIN EN 16313, nickel-plated brass
- Two blanking plugs G 3/4", nickel-coated brass

Packaged in a sturdy carton including:

- Two dual wall brackets 200 x 54.4 x 34.5 with structure-borne sound insulation inserts (DIN 4109) incl. mounting material (1 dual wall bracket for manifold with 2 heating circuits)
- Two flat seals 1"

| Version             | a      | Order No. | DU 1  |
|---------------------|--------|-----------|-------|
| 2 heating circuits  | 152 mm | 7 12540   | 1 pc. |
| 3 heating circuits  | 202 mm | 7 12541   | 1 pc. |
| 4 heating circuits  | 252 mm | 7 12542   | 1 pc. |
| 5 heating circuits  | 302 mm | 7 12543   | 1 pc. |
| 6 heating circuits  | 352 mm | 7 12544   | 1 pc. |
| 7 heating circuits  | 402 mm | 7 12545   | 1 pc. |
| 8 heating circuits  | 452 mm | 7 12546   | 1 pc. |
| 9 heating circuits  | 502 mm | 7 12547   | 1 pc. |
| 10 heating circuits | 552 mm | 7 12548   | 1 pc. |
| 11 heating circuits | 602 mm | 7 12549   | 1 pc. |
| 12 heating circuits | 652 mm | 7 12550   | 1 pc. |



### TECE stainless steel heating circuit manifold without flow rate indicator and control valves

Stainless steel radiator distribution manifold made of stainless-steel rectangular hollow section 40 x 1.5 mm (grade 1.4301) to DIN EN 10088, with G 1" union nut on primary side, flat sealing, nickel plated brass, distance to heating circuit 50 mm.

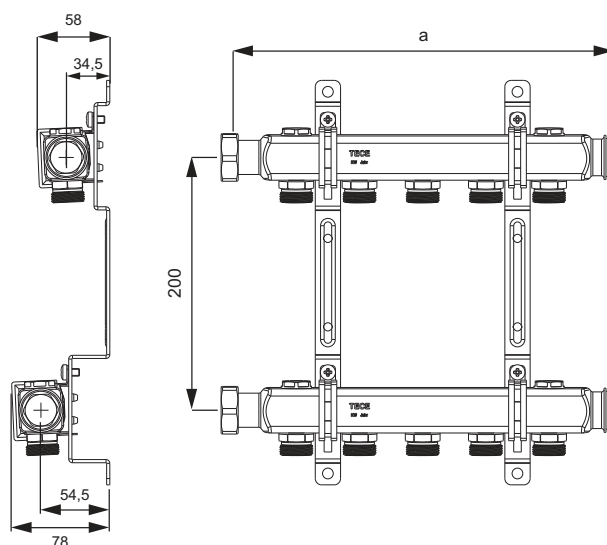
Fully pre-assembled feed and return with:

- Manifold bar with pipe connectors on G 3/4" male thread, inside cone to DIN EN 16313, nickel-plated brass
- Two blanking plugs G 3/4", nickel-plated brass
- Four blanking plugs G 1/2", nickel-plated brass

Packaged in a sturdy carton including:

- Two dual wall brackets 200 x 54.4 x 34.5 with structure-borne sound insulation inserts (DIN 4109) incl. mounting material (1 dual wall bracket for distributor with 2 heating circuits)
- Two flat seals 1"

| Version             | a      | Order No. | DU 1  |
|---------------------|--------|-----------|-------|
| 2 heating circuits  | 152 mm | 7 12551   | 1 pc. |
| 3 heating circuits  | 202 mm | 7 12552   | 1 pc. |
| 4 heating circuits  | 252 mm | 7 12553   | 1 pc. |
| 5 heating circuits  | 302 mm | 7 12554   | 1 pc. |
| 6 heating circuits  | 352 mm | 7 12555   | 1 pc. |
| 7 heating circuits  | 402 mm | 7 12556   | 1 pc. |
| 8 heating circuits  | 452 mm | 7 12557   | 1 pc. |
| 9 heating circuits  | 502 mm | 7 12558   | 1 pc. |
| 10 heating circuits | 552 mm | 7 12559   | 1 pc. |
| 11 heating circuits | 602 mm | 7 12560   | 1 pc. |
| 12 heating circuits | 652 mm | 7 12561   | 1 pc. |



### TECE fill and drain set with ventilation function 3/4" for TECE heating circuit manifold

| Order No. | DU 1  |
|-----------|-------|
| 712562    | 1 pc. |



### TECElogo-Push manifold, shut-off, standard brass\*

TECElogo-Push manifold dimension 16 with shut-offs, 16 mm x 3/4".

| Dimension           | Order No. | DU 1  | DU 2   |
|---------------------|-----------|-------|--------|
| 3/4" x 16 Two-way   | 8730008   | 1 pc. | 24 pc. |
| 3/4" x 16 Three-way | 8730009   | 1 pc. | 24 pc. |



### TECE universal manifold, with shut-off, standard brass

TECE manifold, valve with shut-off 3/4" FT/MT, outlet 3/4" Eurocone.

| Dimension                | Order No. | DU 1  | DU 2   |
|--------------------------|-----------|-------|--------|
| 3/4" x 3/4" EC Two-way   | 8730006   | 1 pc. | 24 pc. |
| 3/4" x 3/4" EC Three-way | 8730007   | 1 pc. | 24 pc. |



## TECElogo – Push manifold

### TECElogo-Push manifold, standard brass\*

| Dimension                  | Order No. | DU 1  | DU 2   |
|----------------------------|-----------|-------|--------|
| R 3/4" x R 3/4" x 16 2-way | 8630002   | 1 pc. | 20 pc. |
| R 3/4" x R 3/4" x 16 3-way | 8630003   | 1 pc. | 20 pc. |



### TECElogo universal manifold red brass/silicon bronze

Universal manifold, 3/4" without cap and stopper, with 20 mm plug-in male thread for TECElogo push-fittings with integrated grip function. For potable water and heating installations.

| Dimension                       | Order No. | DU 1  | DU 2   |
|---------------------------------|-----------|-------|--------|
| R 3/4" x Rp 3/4" x 20 Two-way   | 8733002   | 1 pc. | 20 pc. |
| R 3/4" x Rp 3/4" x 20 Three-way | 8733003   | 1 pc. | 20 pc. |





**TECElogo UP with ball valve with handwheel\***

Flush-mounted ball valve for shutting off TECElogo pipes. Body and screw-in part made of standard brass in accordance with DIN EN 12164. Spindle with 2 O-rings, providing better guiding of the spindle and double safety. Ball made of chrome-plated brass. Ball sleeve made of PTFE. Full penetration, therefore minimum loss of pressure.

Max. permanent operating pressure: 90 °C. Pressure rating: 10 bar.

Design:

- TECElogo connection on both sides
- With covering anchor plate and handle (chrome-plated)
- With colour coding (red/blue)



| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16        | 8780016   | 1 pc. | 10 pc. |
| 20        | 8780020   | 1 pc. | 10 pc. |

**TECElogo UP with ball valve with dummy cap\***

Flush-mounted ball valve for shutting off TECElogo pipes. Body and screw-in part made of standard brass in accordance with DIN EN 12164. Spindle with 2 O-rings, providing better guiding of the spindle and double safety. Ball made of chrome-plated brass. Ball sleeve made of PTFE. Full penetration, therefore minimum loss of pressure.

Max. permanent operating pressure: 90 °C. Pressure rating: 10 bar.

Design:

- TECElogo connection on both sides
- Covering anchor plate and dummy cap (chrome-plated)
- Key for shut-off
- Colour coding (red/blue)



| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16        | 8780116   | 1 pc. | 10 pc. |
| 20        | 8780120   | 1 pc. | 10 pc. |

**TECE UP extension, 23 mm**

Flush-mounted extension 23 mm for concealed ball valves 1/2".

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 1/2"      | 8780200   | 1 pc. | 20 pc. |



### TECE pipe clip made of polyamide, white

One-piece pipe clip made of white polyamide. Pipe clip closes when pipe is pressed in. Thanks to patented lateral guides, two or more clips can be joined together.

**Note:**

Not permitted for gas installation!



| Dimension | Order No. | DU 1    | DU 2     |
|-----------|-----------|---------|----------|
| 14        | 785036    | 100 pc. | 2000 pc. |
| 16        | 785037    | 100 pc. | 2000 pc. |
| 20        | 785038    | 50 pc.  | 1000 pc. |
| 25        | 785039    | 50 pc.  | 1000 pc. |
| 32        | 785040    | 50 pc.  | 1000 pc. |
| 40        | 785041    | 25 pc.  | 250 pc.  |

**TECElogo-Push tool case**

Tool case with pipe scissors, calibrating and chamfering tools, handle and disassembly tools.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 8760001   | 1 pc. |
| 32-50     | 8760007*  | 1 pc. |
| 32-40     | 8760010** | 1 pc. |

**TECE pipe scissors**

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 8760002   | 1 pc. |

**TECElogo-Push calibration and chamfering tool**

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 8760016   | 1 pc. |
| 20        | 8760020   | 1 pc. |
| 25        | 8760025   | 1 pc. |
| 32        | 8760032   | 1 pc. |
| 40        | 8760040   | 1 pc. |
| 50        | 8760050   | 1 pc. |
| 63        | 8760063   | 1 pc. |

**TECElogo-Push handle for calibration and chamfering tool**

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-63     | 8760000   | 1 pc. |

**TECElogo-Push quick change tool holder for calibration and chamfering tool**

Quick change tool holder for use in cordless screwdrivers and drills. Facilitates rapid exchange of calibration tools.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-63     | 8760005   | 1 pc. |

**TECElogo-Push disassembly key 16/20**

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16/20     | 8760103   | 1 pc. |



\* It is possible to extend the tool case 32-50 to include dimension 63; this is available individually.

\*\* It is possible to extend the tool case 32-40 to include dimensions 50 and 63; these are available individually.

## TECElogo-Push disassembly key

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 25        | 8760125   | 1 pc. |
| 32        | 8760132   | 1 pc. |
| 40        | 8760140   | 1 pc. |
| 50        | 8760150   | 1 pc. |
| 63        | 8760163   | 1 pc. |



## TECElogo-Push disassembly open-end wrench

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 8760416   | 1 pc. |
| 20        | 8760420   | 1 pc. |
| 25        | 8760425   | 1 pc. |
| 32        | 8760432   | 1 pc. |
| 40        | 8760440   | 1 pc. |
| 50        | 8760450   | 1 pc. |
| 63        | 8760463   | 1 pc. |



## TECElogo-Push tool bag

Rugged tool bag for TECElogo tools 16-25 mm, attaches to a belt. TECElogo-Push tools are not included.

| Order No. | DU 1  |
|-----------|-------|
| 8760011   | 1 pc. |



## TECE bending machine dimension 16-32 mm

Compact, one-hand pipe bender, dimension 16-32 mm for TECEflex and TECElogo multi-layer composite pipes to produce consistent pipe bends. Complete with case, with matrices for 16/20/25/32 mm. Bending angle 0-90°.

| Order No. | DU 1  |
|-----------|-------|
| 720222    | 1 pc. |



## TECE bending machine dimension 40-63 mm

Manually operated hydraulic bending machine for TECEflex and TECElogo multi-layer composite pipes, dimensions 40-63 mm for use on-site or prefabrication. Complete with wooden box, with matrices for 40/50/63 mm. Bending angle 0-90°.

| Order No. | DU 1  |
|-----------|-------|
| 720223    | 1 pc. |



**TECElogo inner bending spring**

Inner bending spring for ISO composite pipe.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 8760216   | 1 pc. |
| 20        | 8760220   | 1 pc. |
| 25        | 8760225   | 1 pc. |

**TECElogo outer bending spring**

Outer bending spring for ISO composite pipe.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 8760316   | 1 pc. |
| 20        | 8760320   | 1 pc. |
| 25        | 8760325   | 1 pc. |

**TECE pipe cutter**

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 14-63     | 8760008   | 1 pc. |

**TECElogo pipe holding pliers**

Pipe holding pliers with grip-lock to securely hold 16-25 mm TECElogo pipes during calibration process.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 8760006   | 1 pc. |

**TECE laying winder**

Laying winder, foldable, variably adjustable for TECEfloor, TECEflex and TECElogo rolls up 600 m length.

| Dimension   | Order No. | DU 1  |
|-------------|-----------|-------|
| up to 600 m | 720193    | 1 pc. |

**TECE pipe straightener**

To be mounted on the laying winder for straight removal of 16 and 20 mm TECEflex and TECElogo composite pipes.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16 and 20 | 720194    | 1 pc. |



## TECElogo – Starter set

### TECElogo-Push starter set (red brass/silicon bronze/PPSU)

Assortment case with common components of the TECElogo-Push assortment (dimension 16) and tools. Threaded components made of red brass/silicon bronze.

| Pos. | Order No. | Designation                        | Quantity |
|------|-----------|------------------------------------|----------|
| 1    | 8713002   | Female connector 16 x Rp 1/2"      | 10       |
| 2    | 8713102   | Male connector 16 x R 1/2"         | 10       |
| 3    | 8710716   | Elbow 90° 16 x 16                  | 10       |
| 4    | 8710916   | Tee 16 x 16 x 16                   | 10       |
| 5    | 8723002   | Wall disk 16 x Rp 1/2"             | 10       |
| 6    | 8760002   | Pipe scissors 16-25                | 1        |
| 7    | 8760016   | Calibration and chamfering tool 16 | 1        |
| 8    | 8760000   | Handle 16-63                       | 1        |
| 9    | 8760103   | Disassembly key 16/20              | 1        |
| 10   | 8760416   | Disassembly open-end wrench 16     | 1        |

| Order No. | DU 1  |
|-----------|-------|
| 8790003   | 1 pc. |



### TECElogo-Push starter set (standard brass/PPSU)

Starter set with the standard components of the TECElogo-Push range made of standard brass and PPSU (dimension 16), incl. tool.

| Pos. | Order No. | Designation                        | Quantity |
|------|-----------|------------------------------------|----------|
| 1    | 8610002   | Female connector 16 x Rp 1/2"      | 10       |
| 2    | 8610102   | Male connector 16 x R 1/2"         | 10       |
| 3    | 8710716   | Elbow 90° 16 x 16                  | 10       |
| 4    | 8710916   | Tee 16 x 16 x 16                   | 10       |
| 5    | 8620002   | Wall disk 16 x Rp 1/2"             | 10       |
| 6    | 8760002   | Pipe scissors 16-25                | 1        |
| 7    | 8760016   | Calibration and chamfering tool 16 | 1        |
| 8    | 8760000   | Handle 16-63                       | 1        |
| 9    | 8760103   | Disassembly key 16/20              | 1        |
| 10   | 8760416   | Disassembly open-end wrench 16     | 1        |

| Order No. | DU 1  |
|-----------|-------|
| 8790001   | 1 pc. |



**TECElogo-Push initial equipment package incl. tool (standard brass/PPSU)\***

Initial equipment package with standard components from the TECElogo-Push range (dimension 16-25) and tool.

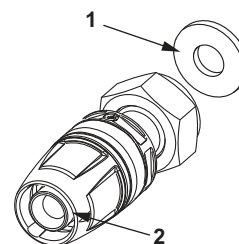
| Pos. | Order No. | Designation                   | Quantity |
|------|-----------|-------------------------------|----------|
| 1    | 8610002   | Female connector 16 x Rp 1/2" | 10       |
|      | 8610004   | Female connector 20 x Rp 3/4" | 10       |
| 2    | 8710102   | Male connector 16 x R 1/2"    | 10       |
|      | 8710105   | Male connector 20 x R 3/4"    | 10       |
| 3    | 8710616   | Coupling reduced 20 x 16      | 10       |
|      | 8710620   | Coupling reduced 25 x 16      | 10       |
|      | 8710625   | Coupling reduced 25 x 20      | 10       |
| 4    | 8710716   | Elbow 90° 16 x 16             | 10       |
|      | 8710720   | Elbow 20 x 20                 | 10       |
|      | 8710725   | Elbow 25 x 25                 | 10       |
| 5    | 8710916   | Tee 16 x 16 x 16              | 10       |
|      | 8710920   | Tee 20 x 20 x 20              | 10       |
|      | 8710925   | Tee 25 x 25 x 25              | 10       |
| 6    | 8711004   | Tee reduced 20 x 16 x 16      | 10       |
|      | 8711005   | Tee reduced 20 x 16 x 20      | 10       |
|      | 8711006   | Tee reduced 20 x 20 x 16      | 10       |
|      | 8711008   | Tee reduced 25 x 16 x 25      | 10       |
|      | 8711010   | Tee reduced 25 x 20 x 25      | 10       |
| 7    | 8620002   | Wall disk 16 x Rp 1/2"        | 10       |
| 8    | 8760001   | Complete tool 16-25 mm        | 1        |

| Order No. | DU 1  |
|-----------|-------|
| 8790002   | 1 pc. |



## TECElogo-Push screw connection, flat sealing red brass/silicon bronze

| Pos. | Order No. | Designation                                  | DU 1   |
|------|-----------|----------------------------------------------|--------|
| 1    | 8790201   | 1/2" flat gasket for flat-sealing connectors | 10 pc. |
|      | 8790202   | 3/4" flat gasket for flat-sealing connectors | 10 pc. |
| 2    | 8790116   | O-ring TECElogo-Push dimension 16            | 10 pc. |
|      | 8790120   | O-ring TECElogo-Push dimension 20            | 10 pc. |



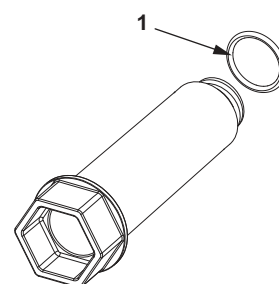
## 8730215 – TECElogo-Push elbow coupling flat sealing DR brass

| Pos. | Order No. | Designation                                  | DU 1   |
|------|-----------|----------------------------------------------|--------|
| 1    | 8790201   | 1/2" flat gasket for flat-sealing connectors | 10 pc. |

## TECE Seal System assembly plug with sealing sleeve

### TECE Seal System sealing set for wall bushings

| Pos. | Order No. | Designation              | DU 1   |
|------|-----------|--------------------------|--------|
| 1    | 704808    | O-ring for assembly plug | 10 pc. |



## TECElogo UP with ball valve with handwheel

| Pos. | Order No. | Designation | DU 1  |
|------|-----------|-------------|-------|
| 1    | 8780000   | Handwheel   | 1 pc. |



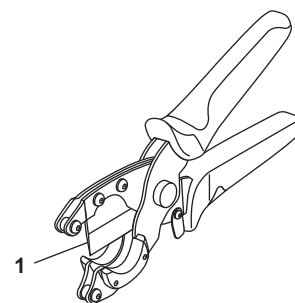
## TECElogo UP with ball valve with dummy cap

| Pos. | Order No. | Designation | DU 1  |
|------|-----------|-------------|-------|
| 1    | 8780100   | Dummy cap   | 1 pc. |



## 8760002 – TECE pipe scissors

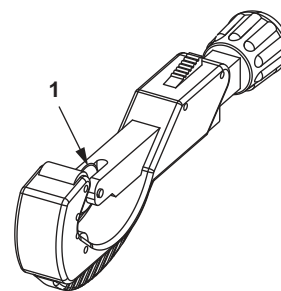
| Pos. | Order No. | Designation                 | DU 1  |
|------|-----------|-----------------------------|-------|
| 1    | 8760003   | Spare blade for pipe cutter | 1 pc. |





## 8760008 – TECE pipe cutter

| Pos. | Order No. | Designation                               | DU 1  |
|------|-----------|-------------------------------------------|-------|
| 1    | 8760009   | Replacement cutting wheel for pipe cutter | 1 pc. |



## TECElogo-Push O-rings

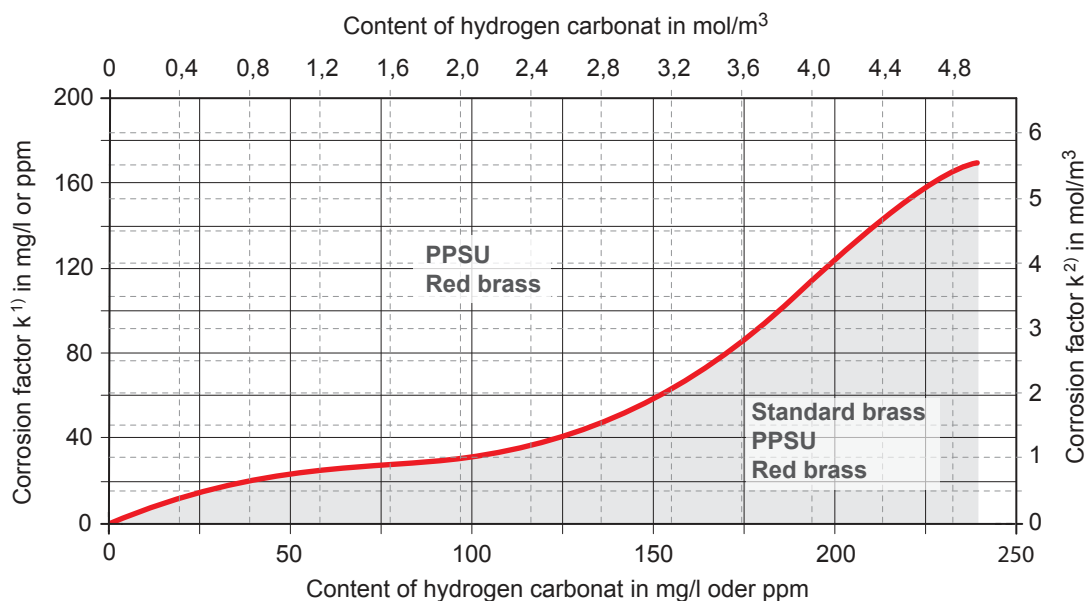
| Dimension | Description          | Order No. | DU 1   |
|-----------|----------------------|-----------|--------|
| 16        | TECElogo-Push O-ring | 8790116   | 10 pc. |
| 20        | TECElogo-Push O-ring | 8790120   | 10 pc. |
| 25        | TECElogo-Push O-ring | 8790125   | 10 pc. |
| 32        | TECElogo-Push O-ring | 8790132   | 10 pc. |
| 40        | TECElogo-Push O-ring | 8790140   | 10 pc. |
| 50        | TECElogo-Push O-ring | 8790150   | 10 pc. |
| 63        | TECElogo-Push O-ring | 8790163   | 10 pc. |



| TECElogo system pipe                                                                                       | PE-RT-composite pipe |           |            | PE-Xc composite pipe |           |            |                |           |           |           |
|------------------------------------------------------------------------------------------------------------|----------------------|-----------|------------|----------------------|-----------|------------|----------------|-----------|-----------|-----------|
| Pipe designation                                                                                           | PE-RT/Al/PE-RT       |           |            | PE-Xc/Al/PE          |           |            |                |           |           |           |
| Size                                                                                                       | 16                   | 20        | 25         | 16                   | 20        | 25         | 32             | 40        | 50        | 63        |
| Delivery lengths of roll (m)                                                                               | 100                  | 100       | 50         | 100                  | 100       | 50         | --             | --        | --        | --        |
| Straight lengths (m) (5 m/length)                                                                          | 100                  | 70        | 45         | 100                  | 70        | 45         | 30             | 15        | 15        | 5         |
| Field of application*                                                                                      | TWA, HKA, FBH*       |           |            | TWA, HKA, FBH*       |           |            |                |           |           |           |
| Application class/<br>operating pressure                                                                   | 2/10 bar; 5/10 bar   |           |            | 2/10 bar; 5/10 bar   |           |            |                |           |           |           |
| Colour                                                                                                     | white                |           |            | white                |           |            |                |           |           |           |
| Outside diameter (mm)                                                                                      | 16                   | 20        | 25         | 16                   | 20        | 25         | 32             | 40        | 50        | 63        |
| Wall thickness (mm)                                                                                        | 2                    | 2.25      | 2.5        | 2                    | 2.25      | 2.5        | 3              | 4         | 4.5       | 6         |
| Inside diameter (mm)                                                                                       | 12                   | 15.5      | 20         | 12                   | 15.5      | 20         | 26             | 32        | 41        | 51        |
| Fitting insertion (mm)                                                                                     | 27                   | 32        | 35         | 27                   | 32        | 35         | 46             | 48        | 48        | 55        |
| Available in corrugated<br>protective pipe                                                                 | yes                  |           |            | yes                  |           |            |                |           |           |           |
| Available with insulation<br>- 6 mm<br>- 9 mm<br>- 13 mm<br>$\lambda = 0.040 \text{ W/(m} \cdot \text{K)}$ | yes<br>yes<br>yes    |           |            | yes<br>yes<br>yes    |           |            | --<br>--<br>-- |           |           |           |
| Pipe weight empty (kg/m)                                                                                   | 0.10                 | 0.14      | 0.20       | 0.10                 | 0.14      | 0.21       | 0.33           | 0.53      | 0.79      | 1.22      |
| Internal volume (dm <sup>3</sup> /m)                                                                       | 0.11                 | 0.19      | 0.31       | 0.11                 | 0.19      | 0.31       | 0.53           | 0.80      | 1.32      | 2.04      |
| Pipe roughness (mm)                                                                                        | 0.007                |           |            | 0.007                |           |            |                |           |           |           |
| Uninsulated heat conductivity<br>(W/(m <sup>2</sup> · K))                                                  | 0.41                 |           |            | 0.43                 |           |            |                |           |           |           |
| Coefficient of thermal<br>expansion (mm/(m · K))                                                           | 0.026                |           |            | 0.026                |           |            |                |           |           |           |
| Minimum bending radius (mm)<br>- without bending spring<br>- with bending spring                           | 80<br>64             | 100<br>80 | 125<br>100 | 80<br>64             | 100<br>80 | 125<br>100 | 160<br>--      | 200<br>-- | 250<br>-- | 315<br>-- |

\* TWA – potable water system; HKA – radiator connection; FBH – floor heating.

Selection of materials for fitting materials according to ISO 10508



1)  $k$  = content of chlorid Cl + 1/3 content of sulphate  $SO_4$  (in mg/l)

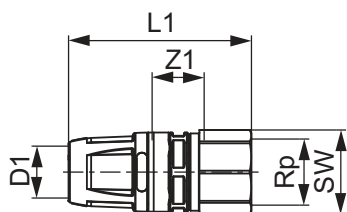
2)  $k$  = content of chlorid Cl + content of sulphate  $SO_4$  (in mol/m³)

#### Classification of the operating conditions (according to ISO 10508)

| Application class | Calculation temperature $T_D$ °C | Operating period <sup>b</sup> at $T_D$ years <sup>a</sup> | $T_{max}$ °C | Operating period at $T_{max}$ years | $T_{mal}$ °C | Operating period at $T_{mal}$ hours | Typical application range                             |
|-------------------|----------------------------------|-----------------------------------------------------------|--------------|-------------------------------------|--------------|-------------------------------------|-------------------------------------------------------|
| 1 <sup>a</sup>    | 60                               | 49                                                        | 80           | 1                                   | 95           | 100                                 | Hot water supply (60 °C)                              |
| 2 <sup>a</sup>    | 70                               | 49                                                        | 80           | 1                                   | 95           | 100                                 | Hot water supply (70 °C)                              |
| 3 <sup>c</sup>    | 20                               | 0.5                                                       | 50           | 4.5                                 | 65           | 100                                 | Low temperature floor heating                         |
|                   | 30                               | 20                                                        |              |                                     |              |                                     |                                                       |
|                   | 40                               | 25                                                        |              |                                     |              |                                     |                                                       |
| 4 <sup>b</sup>    | 20                               | 2.5                                                       | 70           | 2.5                                 | 100          | 100                                 | Floor heating and low temperature radiator connection |
|                   | 40                               | 20                                                        |              |                                     |              |                                     |                                                       |
|                   | 60                               | 25                                                        |              |                                     |              |                                     |                                                       |
| 5 <sup>b</sup>    | 20                               | 14                                                        | 90           | 1                                   | 100          | 100                                 | High temperature radiator connection                  |
|                   | 60                               | 25                                                        |              |                                     |              |                                     |                                                       |
|                   | 80                               | 10                                                        |              |                                     |              |                                     |                                                       |

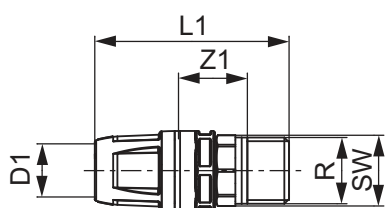
$T_D$  = Temperature for which the pipe is designed.  $T_{max}$  = Maximum temperature which may occur for a short period

## TECElogo-Push female connector



| Dimension      | Red brass/silicon bronze |    |     |    | Standard brass |    |    |    |
|----------------|--------------------------|----|-----|----|----------------|----|----|----|
|                | Order No.                | Z1 | L1  | SW | Order No.      | Z1 | L1 | SW |
| 16 x Rp 1/2"   | 8713002                  | 17 | 58  | 25 | 8610002        | 17 | 58 | 25 |
| 20 x Rp 1/2"   | 8713003                  | 16 | 62  | 25 | 8610003        | 16 | 62 | 25 |
| 20 x Rp 3/4"   | 8713004                  | 16 | 64  | 31 | 8610004        | 16 | 64 | 31 |
| 25 x Rp 1"     | 8713006                  | 16 | 69  | 38 | 8610006        | 16 | 69 | 38 |
| 25 x Rp 3/4"   | 8713005                  | 16 | 66  | 31 | 8610005        | 16 | 66 | 31 |
| 32 x Rp 1"     | 8713007                  | 19 | 85  | 38 | 8610007        | 19 | 85 | 38 |
| 40 x Rp 1 1/2" | 8713008                  | 21 | 91  | 53 | 8610008        | 21 | 91 | 53 |
| 50 x Rp 2"     | 8713009                  | 23 | 97  | 67 | 8610009        | 23 | 97 | 67 |
| 63 x Rp 2"     | 8713010                  | 23 | 106 | 67 | -              | -  | -  | -  |

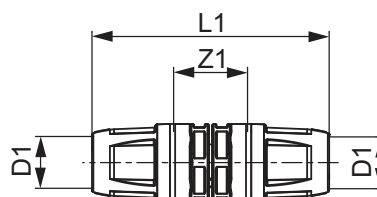
## TECElogo-Push male connector



| Dimension     | Red brass/silicon bronze |    |     |    | Standard brass |    |    |    |
|---------------|--------------------------|----|-----|----|----------------|----|----|----|
|               | Order No.                | Z1 | L1  | SW | Order No.      | Z1 | L1 | SW |
| 16 x R 1/2"   | 8713102                  | 22 | 62  | 21 | 8610102        | 22 | 62 | 21 |
| 16 x R 3/4"   | 8713103                  | 22 | 63  | 27 | 8610103        | 21 | 62 | 27 |
| 16 x R 3/8"   | -                        | -  | -   | -  | 8610100        | 21 | 58 | 19 |
| 20 x R 1/2"   | 8713104                  | 22 | 67  | 21 | 8610104        | 21 | 66 | 21 |
| 20 x R 3/4"   | 8713105                  | 20 | 66  | 27 | 8610105        | 21 | 67 | 27 |
| 25 x R 1"     | 8713107                  | 21 | 72  | 34 | 8610107        | 20 | 72 | 34 |
| 25 x R 3/4"   | 8713106                  | 20 | 69  | 27 | 8610106        | 20 | 69 | 27 |
| 32 x R 1"     | 8713108                  | 26 | 89  | 34 | 8610116        | 26 | 89 | 34 |
| 40 x R 1 1/4" | 8713109                  | 26 | 94  | 42 | 8610117        | 26 | 94 | 42 |
| 50 x R 1 1/2" | 8713110                  | 26 | 95  | 48 | 8610118        | 26 | 95 | 48 |
| 63 x R 2"     | 8713111                  | 30 | 110 | 60 | -              | -  | -  | -  |

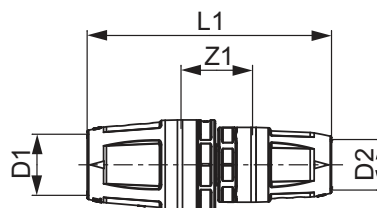
## TECElogo-Push coupling PPSU

| Dimension | Order No. | Z1 | L1  |
|-----------|-----------|----|-----|
| 16 x 16   | 8710516   | 24 | 77  |
| 20 x 20   | 8710520   | 24 | 87  |
| 25 x 25   | 8710525   | 24 | 93  |
| 32 x 32   | 8710532   | 32 | 124 |
| 40 x 40   | 8710540   | 32 | 128 |
| 50 x 50   | 8710550   | 32 | 128 |
| 63 x 63   | 8710563   | 43 | 150 |



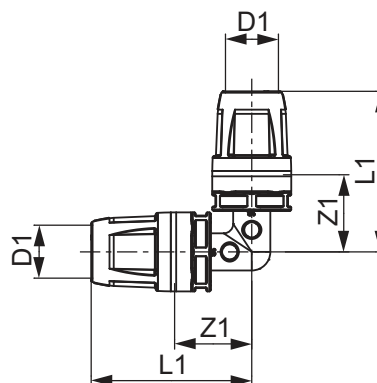
## TECElogo-Push coupling reduced PPSU

| Dimension | Order No. | Z1 | L1  |
|-----------|-----------|----|-----|
| 20 x 16   | 8710616   | 24 | 82  |
| 25 x 16   | 8710620   | 24 | 85  |
| 25 x 20   | 8710625   | 24 | 90  |
| 32 x 20   | 8710632   | 28 | 106 |
| 32 x 25   | 8710633   | 28 | 109 |
| 40 x 32   | 8710640   | 32 | 126 |
| 50 x 40   | 8710650   | 32 | 129 |
| 63 x 50   | 8710663   | 37 | 140 |



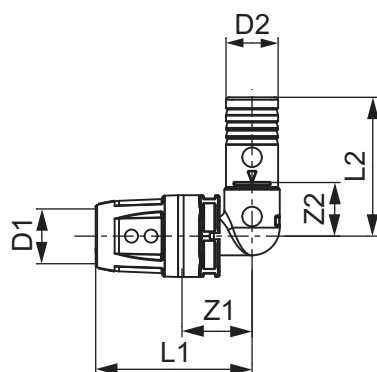
## TECElogo-Push 90° elbow PPSU

| Dimension | Order No. | Z1 | L1  |
|-----------|-----------|----|-----|
| 16 x 16   | 8710716   | 25 | 51  |
| 20 x 20   | 8710720   | 27 | 58  |
| 25 x 25   | 8710725   | 32 | 66  |
| 32 x 32   | 8710732   | 38 | 83  |
| 40 x 40   | 8710740   | 41 | 91  |
| 50 x 50   | 8710750   | 47 | 97  |
| 63 x 63   | 8710763   | 65 | 119 |



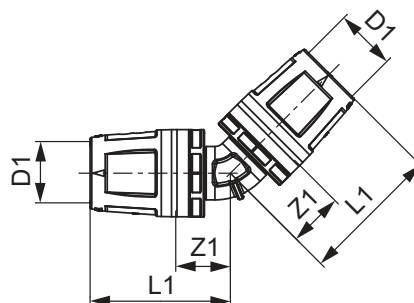
## TECElogo-Push push-fitting 90° elbow PPSU

| Dimension | Order No. | Z1 | Z2 | L1 | L2 |
|-----------|-----------|----|----|----|----|
| 16 x 16   | 8711116   | 22 | 16 | 48 | 43 |
| 20 x 20   | 8711120   | 23 | 18 | 55 | 49 |
| 25 x 25   | 8711125   | 26 | 20 | 60 | 55 |

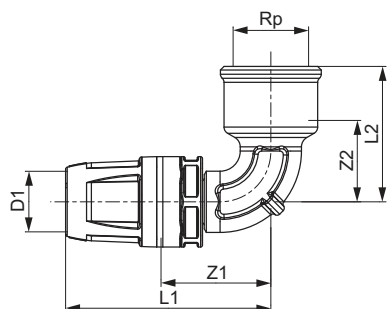


## TECElogo-Push elbow 45° red brass/silicon bronze

| Dimension | Order No. | Z1 | L1 |
|-----------|-----------|----|----|
| 25 x 25   | 8711225   | 22 | 57 |
| 32 x 32   | 8711232   | 27 | 73 |
| 40 x 40   | 8711240   | 31 | 79 |
| 50 x 50   | 8711250   | 32 | 80 |
| 63 x 63   | 8711263   | 41 | 95 |

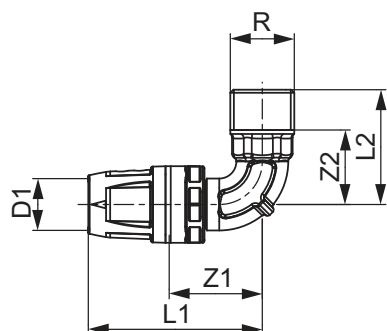


TECElogo-Push female elbow



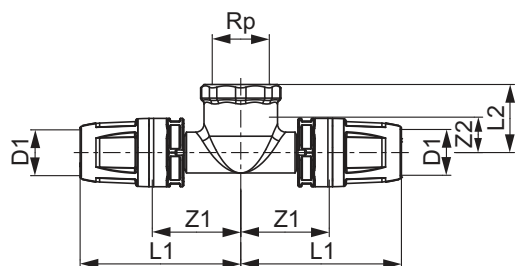
| Dimension    | Red brass/silicon bronze |    |    |    |    | Standard brass |    |    |    |    |
|--------------|--------------------------|----|----|----|----|----------------|----|----|----|----|
|              | Order No.                | Z1 | Z2 | L1 | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x Rp 1/2" | 8713202                  | 31 | 23 | 57 | 38 | 8610202        | 28 | 8  | 55 | 20 |
| 20 x Rp 1/2" | 8713203                  | 31 | 16 | 62 | 31 | 8610203        | 28 | 8  | 59 | 20 |
| 20 x Rp 3/4" | 8713204                  | 32 | 19 | 64 | 36 | 8610204        | 31 | 10 | 62 | 23 |
| 25 x Rp 3/4" | 8713205                  | 33 | 19 | 68 | 36 | 8610205        | 31 | 14 | 66 | 30 |
| 32 x Rp 1"   | 8713206                  | 40 | 24 | 86 | 44 | 8610206        | 40 | 16 | 86 | 35 |

TECElogo-Push male elbow



| Dimension   | Red brass/silicon bronze |    |    |    |    | Standard brass |    |    |    |    |
|-------------|--------------------------|----|----|----|----|----------------|----|----|----|----|
|             | Order No.                | Z1 | Z2 | L1 | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x R 1/2" | 8713302                  | 31 | 24 | 57 | 38 | 8610302        | 24 | 22 | 51 | 35 |
| 20 x R 1/2" | 8713303                  | 32 | 27 | 64 | 40 | 8610303        | 24 | 22 | 56 | 35 |
| 20 x R 3/4" | 8713304                  | 32 | 27 | 64 | 41 | 8610304        | 27 | 22 | 59 | 36 |
| 25 x R 1"   | 8713306                  | 36 | 28 | 71 | 48 | 8610306        | 31 | 28 | 65 | 45 |
| 25 x R 3/4" | 8713305                  | 36 | 31 | 71 | 45 | 8610305        | 27 | 27 | 62 | 41 |
| 32 x R 1"   | 8713307                  | 42 | 34 | 88 | 53 | 8610312        | 36 | 28 | 82 | 45 |

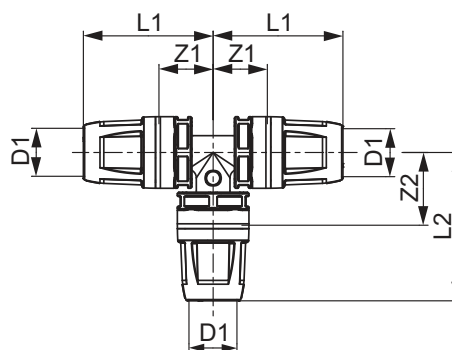
## TECElogo-Push tee female thread



| Dimension           | Red brass/silicon bronze |    |    |     |    | Standard brass |    |    |    |    |
|---------------------|--------------------------|----|----|-----|----|----------------|----|----|----|----|
|                     | Order No.                | Z1 | Z2 | L1  | L2 | Order No.      | Z1 | Z2 | L1 | L2 |
| 16 x Rp 1/2" x 16   | 8713402                  | 33 | 10 | 59  | 25 | 8610402        | 28 | 5  | 55 | 20 |
| 20 x Rp 1/2" x 20   | 8713403                  | 33 | 10 | 64  | 25 | 8610403        | 28 | 5  | 60 | 20 |
| 25 x Rp 3/4" x 25   | 8713404                  | 35 | 13 | 70  | 29 | 8610404        | 31 | 14 | 66 | 30 |
| 32 x Rp 1" x 32     | 8713405                  | 41 | 16 | 87  | 35 | 8610406        | 36 | 13 | 86 | 32 |
| 40 x Rp 1" x 40     | 8713406                  | 44 | 21 | 92  | 40 | 8610408        | 39 | 14 | 87 | 33 |
| 50 x Rp 1 1/4" x 50 | 8713407                  | 50 | 27 | 98  | 48 | 8610410        | 44 | 18 | 92 | 39 |
| 63 x Rp 1 1/2" x 63 | 8713408                  | 61 | 33 | 115 | 54 | -              | -  | -  | -  | -  |

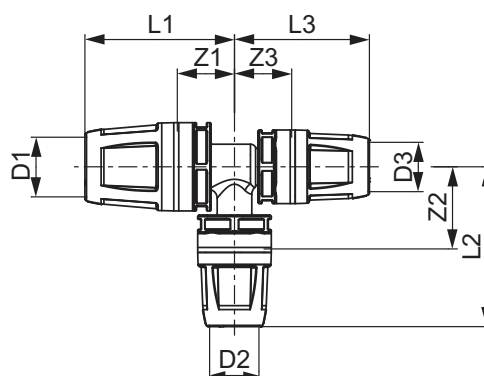
## TECElogo-Push tee PPSU

| Dimension    | Order No. | Z1 | Z2 | L1  | L2  |
|--------------|-----------|----|----|-----|-----|
| 16 x 16 x 16 | 8710916   | 19 | 26 | 46  | 52  |
| 20 x 20 x 20 | 8710920   | 21 | 28 | 53  | 60  |
| 25 x 25 x 25 | 8710925   | 23 | 31 | 58  | 66  |
| 32 x 32 x 32 | 8710932   | 28 | 39 | 74  | 85  |
| 40 x 40 x 40 | 8710940   | 31 | 45 | 79  | 93  |
| 50 x 50 x 50 | 8710950   | 36 | 52 | 84  | 100 |
| 63 x 63 x 63 | 8710963   | 60 | 60 | 118 | 118 |



## TECElogo-Push tee reduced PPSU

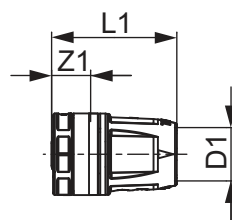
| Dimension    | Order No. | Z1 | Z2 | Z3 | L1  | L2  | L3  |
|--------------|-----------|----|----|----|-----|-----|-----|
| 20 x 16 x 16 | 8711004   | 20 | 28 | 20 | 51  | 55  | 46  |
| 20 x 16 x 20 | 8711005   | 20 | 28 | 20 | 51  | 55  | 51  |
| 20 x 20 x 16 | 8711006   | 21 | 28 | 21 | 53  | 60  | 48  |
| 20 x 25 x 20 | 8711011   | 23 | 28 | 23 | 55  | 63  | 55  |
| 25 x 16 x 16 | 8711007   | 19 | 31 | 19 | 54  | 58  | 46  |
| 25 x 16 x 25 | 8711008   | 19 | 31 | 19 | 54  | 58  | 54  |
| 25 x 20 x 20 | 8711009   | 21 | 31 | 21 | 56  | 63  | 53  |
| 25 x 20 x 25 | 8711010   | 21 | 31 | 21 | 56  | 63  | 56  |
| 32 x 16 x 32 | 8711012   | 22 | 36 | 22 | 68  | 62  | 68  |
| 32 x 20 x 32 | 8711013   | 24 | 36 | 24 | 70  | 67  | 70  |
| 32 x 25 x 32 | 8711014   | 26 | 36 | 26 | 72  | 70  | 72  |
| 32 x 25 x 25 | 8711015   | 26 | 36 | 23 | 72  | 70  | 57  |
| 40 x 25 x 40 | 8711017   | 26 | 41 | 26 | 74  | 76  | 74  |
| 40 x 32 x 40 | 8711018   | 28 | 45 | 28 | 76  | 91  | 76  |
| 40 x 32 x 32 | 8711019   | 28 | 45 | 28 | 76  | 91  | 74  |
| 50 x 25 x 50 | 8711020   | 26 | 48 | 26 | 74  | 83  | 74  |
| 50 x 32 x 50 | 8711021   | 28 | 52 | 28 | 76  | 98  | 76  |
| 63 x 32 x 63 | 8711022   | 41 | 59 | 41 | 99  | 105 | 99  |
| 63 x 50 x 63 | 8711023   | 53 | 59 | 53 | 111 | 107 | 111 |



# TECElogo – Dimensional drawings

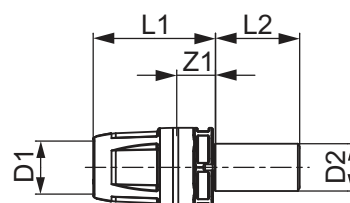
## TECElogo-Push end plug PPSU

| Dimension | Order No. | Z1 | L1 |
|-----------|-----------|----|----|
| 16        | 8710817   | 12 | 38 |
| 20        | 8710821   | 12 | 44 |

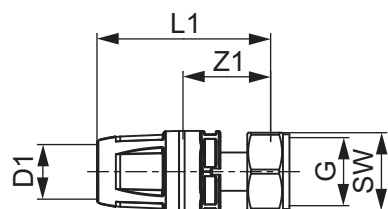


## TECElogo-Push pressing adapter red brass/silicon bronze

| Dimension  | Order No. | Z1 | L1 | L2 |
|------------|-----------|----|----|----|
| 16 x 15 mm | 8730100   | 12 | 39 | 27 |
| 20 x 18 mm | 8730101   | 12 | 44 | 27 |
| 25 x 22 mm | 8730102   | 12 | 47 | 27 |



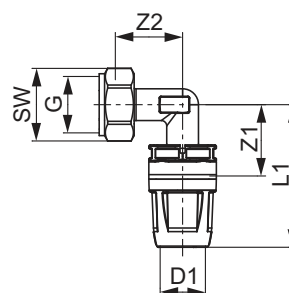
## TECElogo-Push screw connection, flat sealing



| Dimension   | Red brass/silicon bronze |    |    |        |    | Standard brass |    |    |        |    |
|-------------|--------------------------|----|----|--------|----|----------------|----|----|--------|----|
|             | Order No.                | Z1 | L1 | G      | SW | Order No.      | Z1 | L1 | G      | SW |
| 16 x 1/2"   | 8733201                  | 27 | 54 | 1/2"   | 24 | 8630201        | 27 | 54 | 1/2"   | 24 |
| 16 x 3/4"   | 8733202                  | 28 | 54 | 3/4"   | 29 | 8630202        | 28 | 54 | 3/4"   | 29 |
| 16 x 3/8"   | -                        | -  | -  | -      | -  | 8630200        | 27 | 54 | 3/8"   | 19 |
| 20 x 3/4"   | 8733203                  | 28 | 59 | 3/4"   | 29 | 8630203        | 28 | 59 | 3/4"   | 29 |
| 25 x 1"     | 8733204                  | 32 | 67 | 1"     | 37 | 8630204        | 32 | 67 | 1"     | 37 |
| 32 x 1 1/4" | 8733205                  | 37 | 84 | 1 1/4" | 46 | 8630205        | 37 | 84 | 1 1/4" | 46 |
| 40 x 1 1/2" | -                        | -  | -  | -      | -  | 8630207        | 40 | 88 | 1 1/2" | 52 |

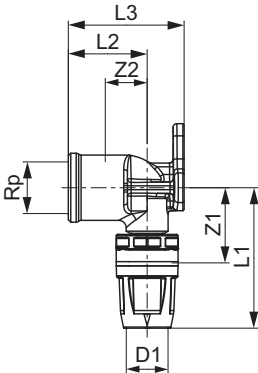
## TECElogo-Push elbow coupling flat sealing DR brass

| Dimension | Order No. | Z1 | Z2 | L1 | G    | SW |
|-----------|-----------|----|----|----|------|----|
| 16 x 3/8" | 8730215   | 22 | 24 | 49 | 3/8" | 19 |
| 16 x 1/2" | 8730216   | 27 | 25 | 53 | 1/2" | 24 |





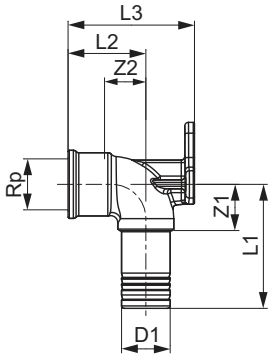
TECElogo-Push wall disk



| Dimension    | Red brass/silicon bronze |    |    |    |    |    | Standard brass |    |    |    |    |    |
|--------------|--------------------------|----|----|----|----|----|----------------|----|----|----|----|----|
|              | Order No.                | Z1 | Z2 | L1 | L2 | L3 | Order No.      | Z1 | Z2 | L1 | L2 | L3 |
| 16 x Rp 1/2" | 8723002                  | 31 | 17 | 57 | 32 | 47 | 8620002        | 28 | 5  | 55 | 20 | 40 |
| 20 x Rp 1/2" | -                        | -  | -  | -  | -  | -  | 8620003        | 28 | 5  | 60 | 20 | 40 |

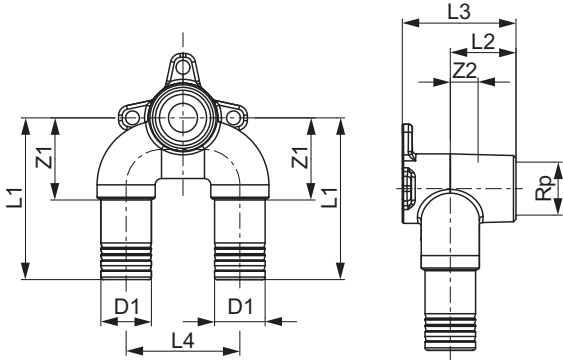
TECElogo-Push universal wall disk red brass/silicon bronze

| Dimension    | Order No. | Z1 | Z2 | L1 | L2 | L3 |
|--------------|-----------|----|----|----|----|----|
| 20 x Rp 1/2" | 8723003   | 19 | 17 | 51 | 32 | 52 |



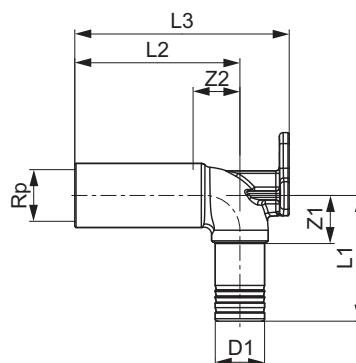
TECElogo-Push universal double wall disk red brass/silicon bronze

| Dimension         | Order No. | Z1 | Z2 | L1 | L2 | L3 | L4 |
|-------------------|-----------|----|----|----|----|----|----|
| 20 x Rp 1/2" x 20 | 8723011   | 33 | 11 | 64 | 26 | 45 | 45 |



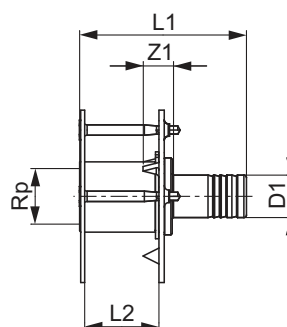
## TECElogo-Push universal wall disk, long, red brass/silicon bronze

| Dimension    | Order No. | Z1 | Z2 | L1 | L2 | L3 |
|--------------|-----------|----|----|----|----|----|
| 20 x Rp 1/2" | 8723008   | 20 | 19 | 51 | 67 | 87 |



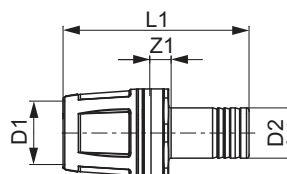
## TECElogo universal wall bushing red brass/silicon bronze

| Dimension    | Order No. | Z1 | L1 | L2    |
|--------------|-----------|----|----|-------|
| 16 x Rp 1/2" | 8723009   | 11 | 63 | 18-25 |



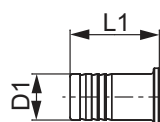
## TECElogo-Push plug-in coupling DR brass

| Dimension | Order No. | Z1 | L1 |
|-----------|-----------|----|----|
| 25 x 20   | 8730028   | 9  | 74 |



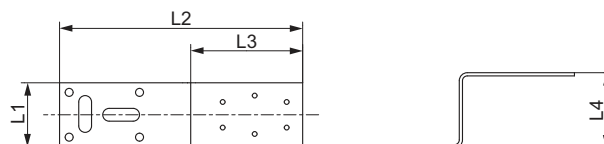
## TECElogo-Push push-in stopper

| Dimension | Order No. | L1 |
|-----------|-----------|----|
| 16        | 8730032   | 31 |



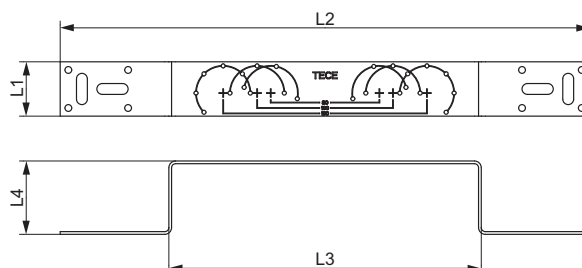
## TECE fastener made of galvanized steel, single

| Order No. | L1 | L2  | L3 | L4 |
|-----------|----|-----|----|----|
| 720527    | 40 | 150 | 70 | 47 |



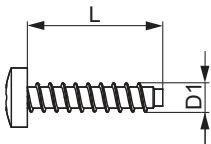
## TECE fastener made of galvanized steel, double

| Order No. | L1 | L2  | L3  | L4 |
|-----------|----|-----|-----|----|
| 720528    | 40 | 390 | 230 | 54 |



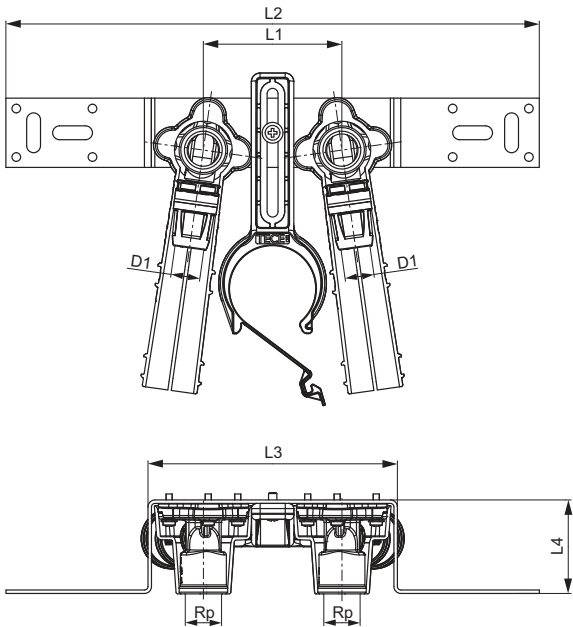
TECE screw

| Dimension   | Order No. | L1 |
|-------------|-----------|----|
| 3,5 x 16 mm | 720524    | 16 |



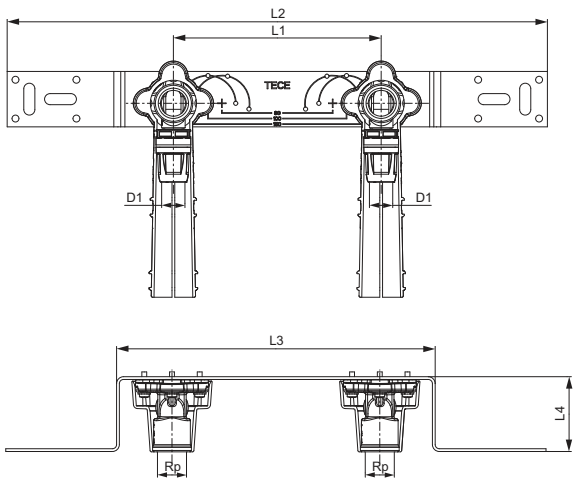
TECElogo-Push mounting, red brass/silicon bronze

| Dimension    | Order No. | L1 | L2  | L3  | L4 |
|--------------|-----------|----|-----|-----|----|
| 16 x Rp 1/2" | 8723101   | 80 | 308 | 144 | 54 |



TECElogo-Push mounting unit, red brass/silicon bronze

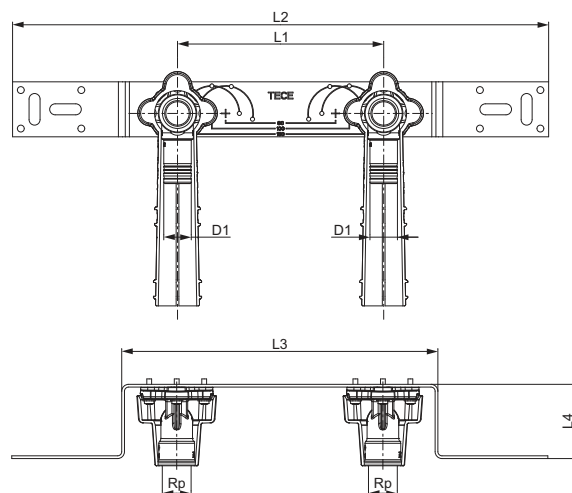
| Dimension    | Order No. | L1  | L2  | L3  | L4 |
|--------------|-----------|-----|-----|-----|----|
| 16 x Rp 1/2" | 8723100   | 150 | 390 | 230 | 54 |



# TECElogo – Dimensional drawings

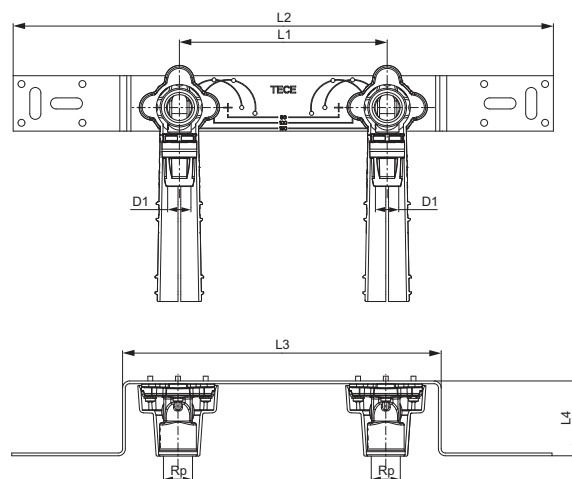
## TECElogo-Push universal mounting, red brass/silicon bronze

| Dimension | Order No. | L1  | L2  | L3  | L4 |
|-----------|-----------|-----|-----|-----|----|
| 20 x 1/2" | 8723102   | 150 | 390 | 230 | 54 |



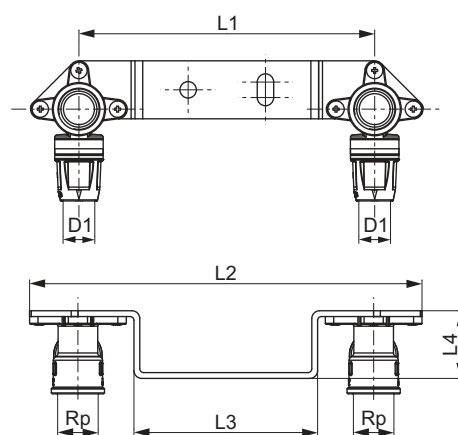
## TECElogo-Push mounting unit standard brass

| Dimension    | Order No. | L1  | L2  | L3  | L4 |
|--------------|-----------|-----|-----|-----|----|
| 16 x Rp 1/2" | 8620100   | 150 | 390 | 230 | 54 |



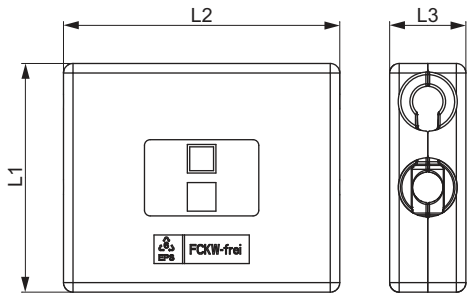
## TECElogo-Push mounting unit standard brass

| Dimension | Order No. | L1  | L2  | L3 | L4 |
|-----------|-----------|-----|-----|----|----|
| 16 x 1/2" | 8620103   | 153 | 203 | 95 | 35 |



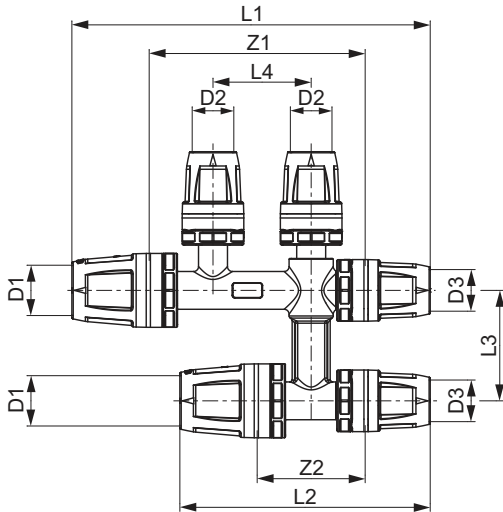
TECElogo protection box for cross-fittings

| Dimension | Order No. | L1  | L2  | L3 |
|-----------|-----------|-----|-----|----|
| 16-20     | 8740100   | 120 | 145 | 40 |



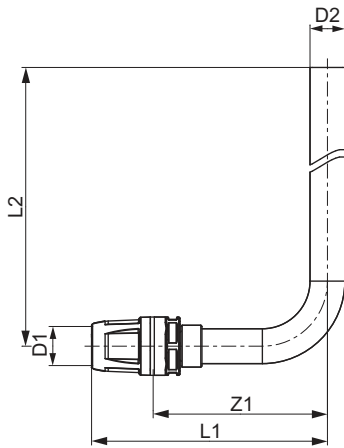
TECElogo-Push cross-fitting brass, nickel-plated

| Dimension    | Order No. | Z1 | Z2 | L1  | L2  | L3 | L4 |
|--------------|-----------|----|----|-----|-----|----|----|
| 16 x 16 x 16 | 8740101   | 87 | 43 | 140 | 96  | 45 | 40 |
| 20 x 16 x 16 | 8740102   | 88 | 44 | 146 | 102 | 45 | 40 |
| 20 x 16 x 20 | 8740103   | 88 | 44 | 151 | 107 | 45 | 40 |



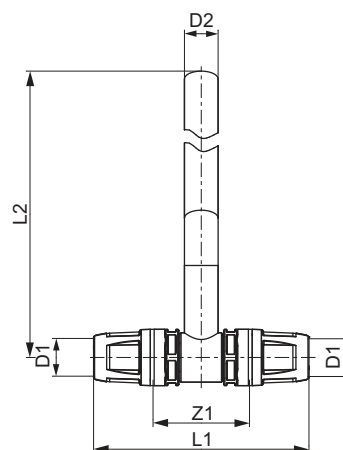
TECElogo radiator mounting elbow

| Dimension     | Order No. | Z1 | L1  | L2  |
|---------------|-----------|----|-----|-----|
| 16 x 15 mm Cu | 8740401   | 75 | 102 | 289 |
| 20 x 15 mm Cu | 8740402   | 75 | 107 | 289 |



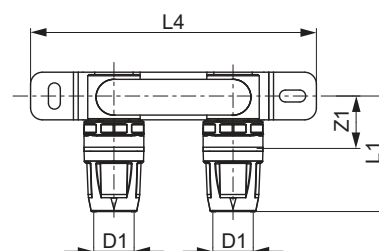
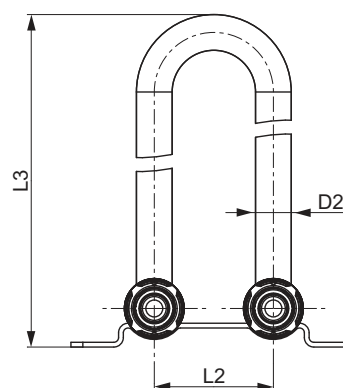
## TECElogo radiator mounting tee

| Dimension     | Order No. | Z1 | L1  | L2  |
|---------------|-----------|----|-----|-----|
| 16 x 15 mm Cu | 8740403   | 43 | 96  | 270 |
| 20 x 15 mm Cu | 8740404   | 43 | 106 | 270 |



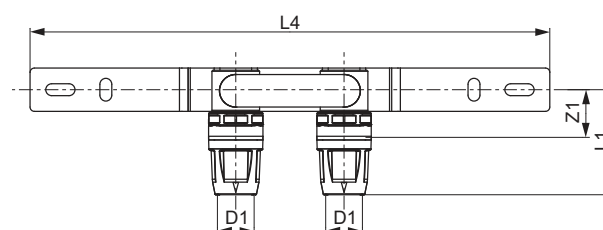
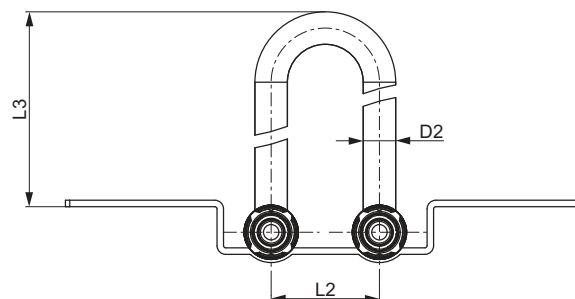
## TECElogo radiator mounting set

| Dimension     | Order No. | Z1 | L1 | L2 | L3  | L4  |
|---------------|-----------|----|----|----|-----|-----|
| 16 x 15 mm Cu | 8740405   | 22 | 49 | 50 | 334 | 120 |



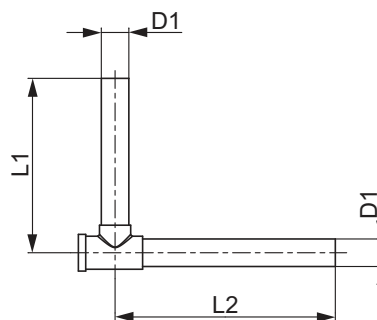
## TECElogo radiator mounting set

| Dimension     | Order No. | Z1 | L1 | L2 | L3  | L4  |
|---------------|-----------|----|----|----|-----|-----|
| 16 x 15 mm Cu | 8740406   | 22 | 49 | 50 | 225 | 240 |



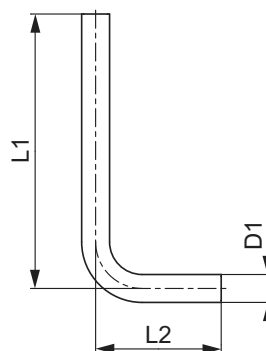
## TECE skirting board radiator elbow shut-offs

| Dimension | Order No. | L1 | L2  |
|-----------|-----------|----|-----|
| 15 mm Cu  | 730010    | 95 | 120 |



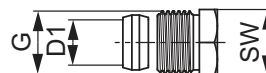
## TECE skirting board radiator elbows

| Dimension | Order No. | L1  | L2 |
|-----------|-----------|-----|----|
| 15 mm Cu  | 730025    | 155 | 75 |



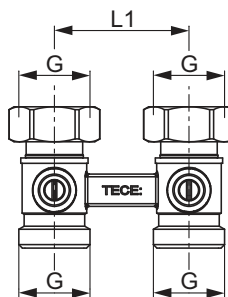
## TECE male pinch screw connection 1/2"

| Dimension      | Order No. | G    | SW |
|----------------|-----------|------|----|
| 15 mm x R 1/2" | 717501    | 1/2" | 22 |



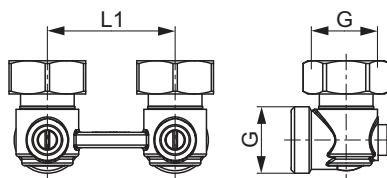
## TECE two-pipe valve block for HC, through type

| Dimension         | Order No. | L1 | G    |
|-------------------|-----------|----|------|
| 3/4" EC x 3/4" EC | 8740435   | 50 | 3/4" |



## TECE two-pipe valve block for HC, corner type

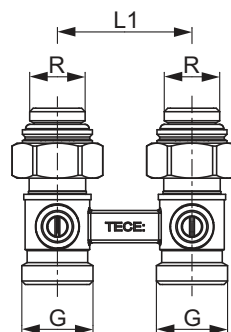
| Dimension         | Order No. | L1 | G    |
|-------------------|-----------|----|------|
| 3/4" EC x 3/4" EC | 8740436   | 50 | 3/4" |



# TECElogo – Dimensional drawings

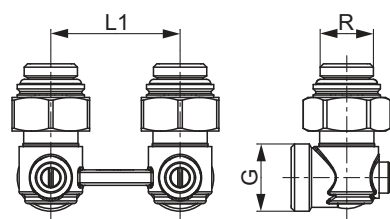
## TECE two-pipe valve block for HC 1/2" MT, through type

| Dimension        | Order No. | L1 | G    |
|------------------|-----------|----|------|
| 3/4" EC x R 1/2" | 8740437   | 50 | 3/4" |



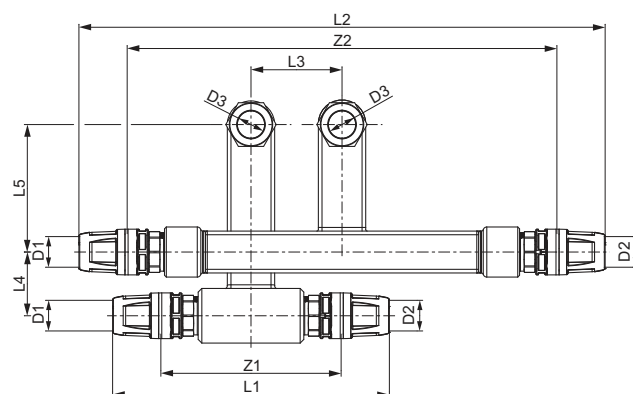
## TECE two-pipe valve block for HC 1/2" MT, corner type

| Dimension        | Order No. | L1 | G    |
|------------------|-----------|----|------|
| 3/4" EC x R 1/2" | 8740438   | 50 | 3/4" |



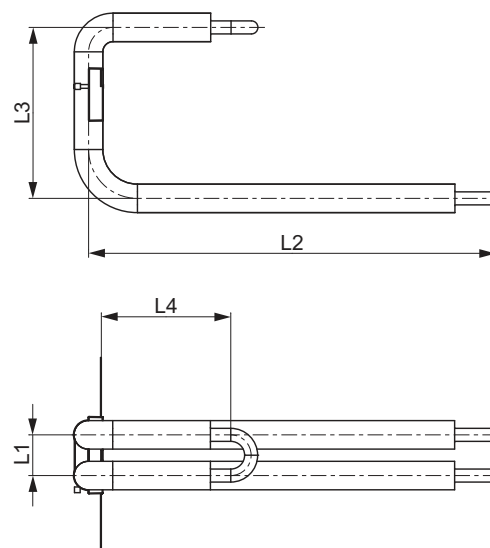
## TECElogo-Push skirting board rad. con. set

| Dimension            | Order No. | Z1  | Z2  | L1  | L2  | L3 | L4 | L5 |
|----------------------|-----------|-----|-----|-----|-----|----|----|----|
| 16 x 16 x 15 mm Cu   | 8740421   | 99  | 236 | 152 | 289 | 50 | 35 | 70 |
| 20 x 20 x 15 mm Cu   | 8740422   | 100 | 237 | 163 | 300 | 50 | 35 | 70 |
| 16 x plug x 15 mm Cu | 8740423   | -   | -   | 113 | 250 | 50 | 35 | 70 |
| Plug x 16 x 15 mm Cu | 8740424   | -   | -   | 113 | 250 | 50 | 35 | 70 |



## TECElogo radiator mounting unit

| Dimension | Order No. | L1 | L2  | L3  | L4  |
|-----------|-----------|----|-----|-----|-----|
| 16        | 8740550   | 50 | 500 | 210 | 159 |





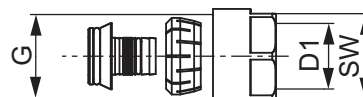
## TECElogo-Push adapter screw connection standard brass

| Dimension  | Order No. | SW |
|------------|-----------|----|
| 16 x 12 mm | 8611212   | 27 |
| 16 x 14 mm | 8611210   | 27 |
| 20 x 16 mm | 8611211   | 27 |
| 20 x 18 mm | 8611205   | 27 |



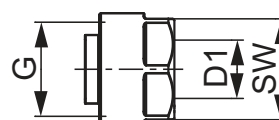
## TECElogo-Push Eurocone clamped joint

| Dimension    | Order No. | G    | SW |
|--------------|-----------|------|----|
| 16 x 3/4" EC | 8740216   | 3/4" | 27 |
| 20 x 3/4" EC | 8740220   | 3/4" | 27 |



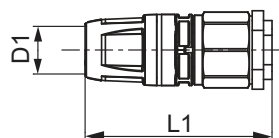
## TECE EC Eurocone clamped joint for copper pipes

| Dimension                   | Order No. | G    | SW |
|-----------------------------|-----------|------|----|
| 3/4" for copper pipe 15 x 1 | 8740439   | 3/4" | 27 |



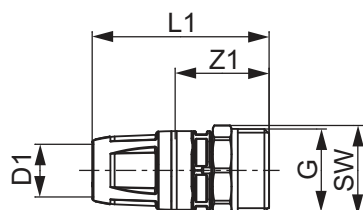
## TECElogo-Push pressure-testing plug with ventilation standard brass

| Dimension | Order No. | L1 |
|-----------|-----------|----|
| 16        | 8640001   | 66 |



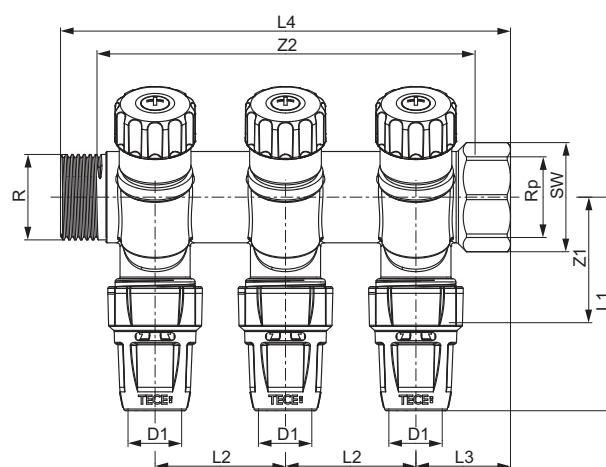
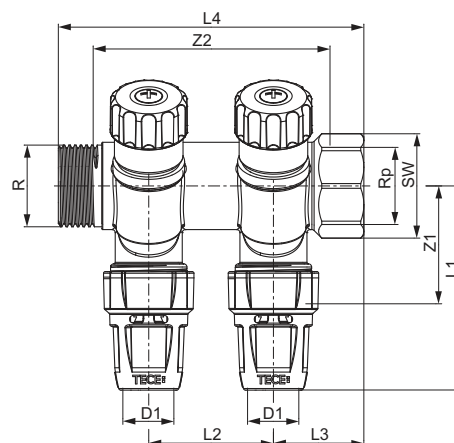
## TECElogo-Push male connector Eurocone, standard brass

| Dimension | Order No. | Z1 | L1 | G    | SW |
|-----------|-----------|----|----|------|----|
| 16 x 3/4" | 8610108   | 30 | 57 | 3/4" | 27 |
| 20 x 3/4" | 8610109   | 30 | 62 | 3/4" | 27 |



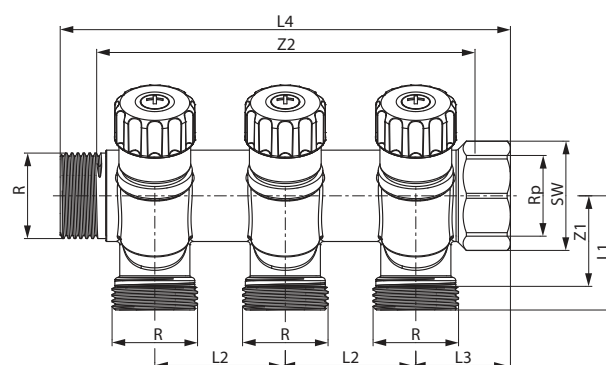
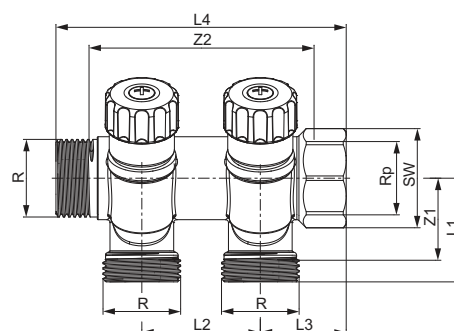
## TECElogo-Push manifold, shut-off, standard brass

| Dimension           | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|---------------------|-----------|----|-----|----|----|----|-----|----|
| 3/4" x 16 Two-way   | 8730008   | 38 | 73  | 67 | 40 | 29 | 98  | 32 |
| 3/4" x 16 Three-way | 8730009   | 38 | 113 | 67 | 40 | 29 | 138 | 32 |



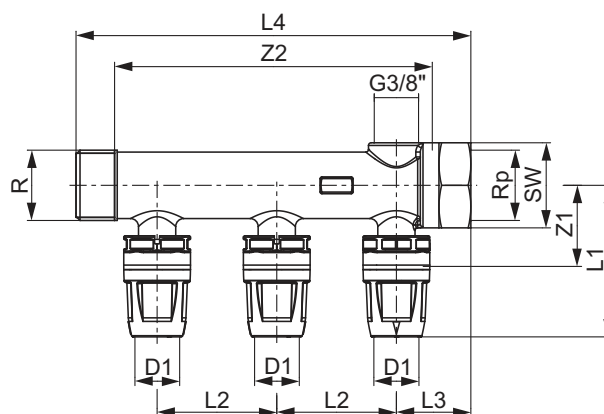
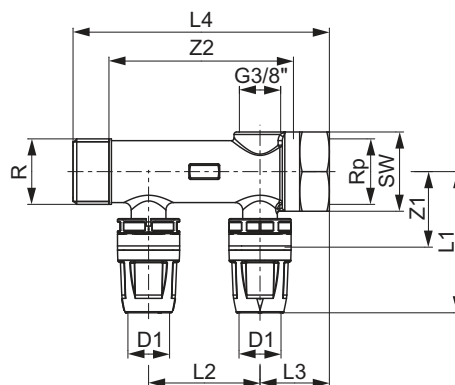
## TECE universal manifold, with shut-off, standard brass

| Dimension                | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|--------------------------|-----------|----|-----|----|----|----|-----|----|
| 3/4" x 3/4" EC Two-way   | 8730006   | 28 | 73  | 35 | 40 | 29 | 98  | 32 |
| 3/4" x 3/4" EC Three-way | 8730007   | 28 | 133 | 35 | 40 | 29 | 138 | 32 |



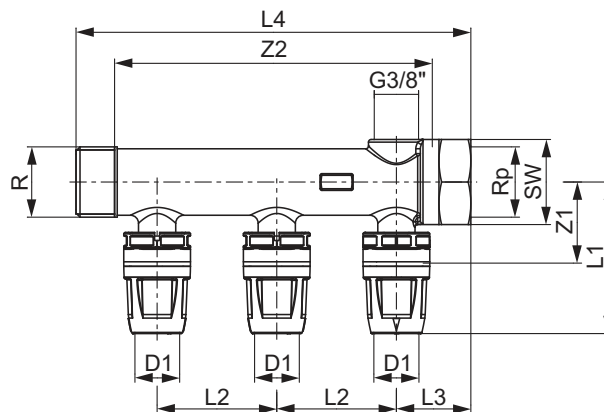
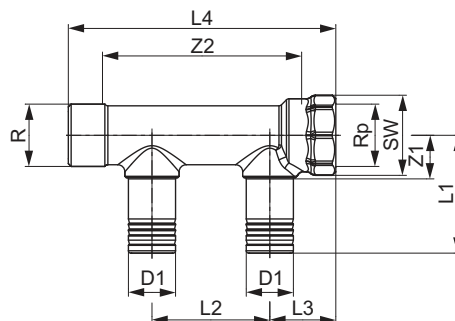
## TECElogo-Push manifold, standard brass

| Dimension                  | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|----------------------------|-----------|----|-----|----|----|----|-----|----|
| R 3/4" x R 3/4" x 16 2-way | 8630002   | 31 | 75  | 57 | 45 | 28 | 104 | 32 |
| R 3/4" x R 3/4" x 16 3-way | 8630003   | 31 | 120 | 57 | 45 | 28 | 149 | 32 |



## TECElogo universal manifold red brass/silicon bronze

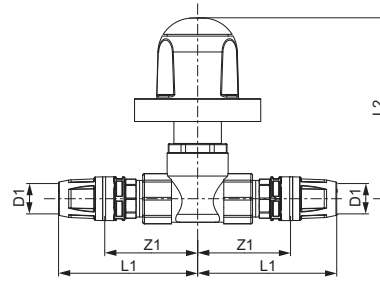
| Dimension                       | Order No. | Z1 | Z2  | L1 | L2 | L3 | L4  | SW |
|---------------------------------|-----------|----|-----|----|----|----|-----|----|
| R 3/4" x Rp 3/4" x 20 Two-way   | 8733002   | 19 | 85  | 50 | 50 | 28 | 114 | 32 |
| R 3/4" x Rp 3/4" x 20 Three-way | 8733003   | 19 | 135 | 50 | 50 | 28 | 164 | 32 |



# TECElogo – Dimensional drawings

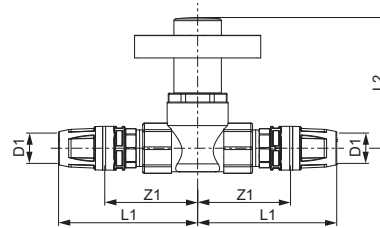
## TECElogo UP with ball valve with handwheel

| Dimension | Order No. | Z1 | L1 | L2 |
|-----------|-----------|----|----|----|
| 16        | 8780016   | 53 | 80 | 75 |
| 20        | 8780020   | 52 | 84 | 75 |



## TECElogo UP with ball valve with dummy cap

| Dimension | Order No. | Z1 | L1 | L2 |
|-----------|-----------|----|----|----|
| 16        | 8780116   | 53 | 80 | 75 |
| 20        | 8780120   | 52 | 84 | 75 |



Pipe Systems

# TECEfloor FLOOR HEATING SYSTEMS

ASSORTMENT LIST 2019



|                  | Page |
|------------------|------|
| Pipes            | 128  |
| Adapters         | 130  |
| Mounting systems | 133  |
| Manifolds        | 143  |
| Control          | 153  |
| Accessories      | 160  |
| Spare parts      | 162  |

Delivery unit 1 (DU 1) is not available for technical reasons.

# TECEfloor – Pipes

## TECEfloor SLQ PE-RT 5S underfloor heating pipe

Five-layer underfloor heating pipe to DIN EN ISO 21003 made of highly flexible and high-density polyethylene with higher temperature resistance (PE-RT type 2). Oxygen-tight with coextruded EVOH coating to DIN 4726; application area  $T_{max}$  90 °C, 6 bar. Suitable for particularly rough installation conditions thanks to the 5-layer technology; SLQ quality-monitored and tested for compatibility.

Classification in accordance with DIN EN ISO 22391-2:

Application class 4 and 5: 6 bar,  $T_{max}$  90 °C



| Dimension    | Order No.            | DU 1  | DU 2   | DU 3   |
|--------------|----------------------|-------|--------|--------|
| 12 x 1,5 mm  | 77111220             | 200 m | 2000 m | -      |
| 16 x 2 mm    | 77111630             | 300 m | 1200 m | 2400 m |
| 16 x 2 mm    | 77111660             | 600 m | 1200 m | 2400 m |
| 17 x 2 mm    | 77111730* <b>NEW</b> | 300 m | 1200 m | 2400 m |
| 17 x 2 mm    | 77111756* <b>NEW</b> | 560 m | 1120 m | 2240 m |
| 20 x 2,25 mm | 77112030             | 300 m | 900 m  | 1800 m |
| 20 x 2,25 mm | 77112060             | 600 m | 2400 m | -      |
| 25 x 2,5 mm  | 77112540             | 400 m | 2000 m | -      |

## TECEfloor SLQ PE-MDXc 5S underfloor heating pipe

Five-layer radiant heating pipe to DIN 16894/16895 made of cross-linked medium density polyethylene.

SLQ quality-monitored and tested for compatibility, oxygen-tight to DIN EN ISO 21003-2 and DIN 4726.

DIN CERTCO 3V373 MVR

Classification in accordance with DIN EN ISO 21003-2 and DIN 4724:

Application class 4 and 5: 4 bar,  $T_{max}$  90 °C

Classification in accordance with BRL 5603 and BRL 5606:

Application class 4 and 5: 6 bar,  $T_{max}$  90 °C



| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 x 2 mm | 77141612  | 120 m | 1200 m | 2400 m |
| 16 x 2 mm | 77141630  | 300 m | 1500 m | 3000 m |
| 16 x 2 mm | 77141660  | 600 m | 1200 m | 2400 m |

## TECEfloor SLQ PE-RT/Al/PE-RT underfloor heating pipe

Aluminium-plastic composite pipe for underfloor heating, manufactured in accordance with DIN 16836. Specially developed for radiant heating systems with soft aluminium casing. Particularly flexible to lay as a consequence, but nevertheless sufficiently dimensionally stable. Ideal for dry-wall construction, dimpled sheets, lattice mats, clip rails and wall heating. 100 % impervious to oxygen diffusion thanks to butt-welded aluminium casing.

DIN CERTCO 3V377 MVR (M)

Classification in accordance with DIN EN ISO 21003:

Application class 4: 6 bar,  $T_{max}$  70 °C



| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 x 2 mm | 77151612  | 120 m | 1200 m | 2400 m |
| 16 x 2 mm | 77151630  | 300 m | 1500 m | 3000 m |
| 16 x 2 mm | 77151660  | 600 m | 1200 m | 2400 m |



**TECEfloor SLQ PE-RT type 2 underfloor heating pipe**

Radiant heating pipe to DIN 16833/16834 made of PE-RT type 2 (higher density and improved resistance to internal pressure).

SLQ quality-monitored and tested for compatibility, oxygen-tight to DIN 4726. DIN CERTCO 3V353 PE-RT

Classification in accordance with DIN EN ISO 22391-2:

Application class 4 and 5: 6 bar,  $T_{max}$  90 °C



| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 14 x 2 mm | 77121430  | 300 m | 1800 m | 3600 m |
| 14 x 2 mm | 77121460  | 600 m | 1800 m | 3600 m |
| 16 x 2 mm | 77121612  | 120 m | 1200 m | 2400 m |
| 16 x 2 mm | 77121630  | 300 m | 1500 m | 3000 m |
| 16 x 2 mm | 77121660  | 600 m | 1200 m | 2400 m |
| 17 x 2 mm | 77121712  | 120 m | 840 m  | 1680 m |
| 17 x 2 mm | 77121730  | 300 m | 1200 m | 2400 m |
| 17 x 2 mm | 77121756  | 560 m | 1120 m | 2240 m |
| 20 x 2 mm | 77122030  | 300 m | 900 m  | 1800 m |
| 20 x 2 mm | 77122060  | 600 m | 2400 m | -      |

**TECEfloor SLQ PE-Xc underfloor heating pipe**

Underfloor heating pipe to DIN 16892/16893 made of electron beam cross-linked, high-density polyethylene. The special process of physically cross-linking the chains of molecules reliably prevents cracks propagating from notches and grooves.

SLQ quality-monitored and tested for compatibility, oxygen-tight to DIN 4726. DIN CERTCO 3V355 PE-Xc

Classification in accordance with DIN EN ISO 15875-2:

Application class 4 and 5: 6 bar,  $T_{max}$  90 °C



| Dimension | Order No. | DU 1  | DU 2   | DU 3   |
|-----------|-----------|-------|--------|--------|
| 16 x 2 mm | 77131612  | 120 m | 1200 m | 2400 m |
| 16 x 2 mm | 77131630  | 300 m | 1500 m | 3000 m |
| 16 x 2 mm | 77131660  | 600 m | 1200 m | 2400 m |
| 17 x 2 mm | 77131712  | 120 m | 840 m  | 1680 m |
| 17 x 2 mm | 77131730  | 300 m | 1200 m | 2400 m |
| 17 x 2 mm | 77131756  | 560 m | 1120 m | 2240 m |
| 20 x 2 mm | 77132030  | 300 m | 900 m  | 1800 m |
| 20 x 2 mm | 77132061  | 600 m | 2400 m | -      |

# TECEfloor – Adapters

The following table shows the right connection technology for all available SLQ floor heating pipes:

| Connection technology                    |                                                                                   | SLQ PE-RT type 2 5S<br>underfloor heating pipe<br>7711 xx xx | SLQ MDXc 5S under-<br>floor heating pipe<br>7714 xx xx | SLQ Al/PE-RT under-<br>floor heating pipe<br>7715 xx xx | SLQ PE-RT type 2<br>underfloor heating pipe<br>7712 xx xx | SLQ PE-Xc under-<br>floor heating pipe<br>7713 xx xx |
|------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|
| SLQ Eurocone clamping<br>ring connection |  | ✓                                                            | ✓                                                      | ✓                                                       | ✓                                                         | ✓                                                    |
| SLQ pressure sleeve<br>coupling          |  | ✓                                                            | ✓                                                      | ✗                                                       | ✓                                                         | ✓                                                    |
| PPSU pressure sleeve<br>coupling         |  | ✗                                                            | ✗                                                      | ✓                                                       | ✗                                                         | ✗                                                    |
| TECElogo-Push<br>coupling                |  | ✓                                                            | ✓                                                      | ✓                                                       | ✗                                                         | ✗                                                    |

## TECEfloor SLQ Eurocone clamping ring connection

Clamping ring connection with defined limit stop to prevent overtightening, with plastic clamping ring to protect the pipe surface from scratches and score marks, Eurocone compatible with SLQ heating circuit manifold, O-ring and clamping ring keyed to SLQ radiant heating pipes, with nickel-plated union nut Rp 3/4" and Eurocone, marked with system ID and dimensions.

SLQ quality-monitored, tested for compatibility and component of the DIN CERTCO certified TECEfloor pipe systems:

3V353 PE-RT/3V355 PE-Xc/3V373 MVR/3V377 MVR (M)

Suitable for all TECEfloor underfloor heating pipes.



| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 12 x 1,5  | 77211200  | 10 pc. | 200 pc. |
| 14 x 2    | 77211400  | 10 pc. | 200 pc. |
| 16 x 2    | 77211600  | 10 pc. | 200 pc. |
| 17 x 2    | 77211700  | 10 pc. | 200 pc. |
| 20 x 2    | 77212000  | 10 pc. | 200 pc. |

## TECEfloor Eurocone Y-piece 3/4"

Eurocone 3/4" Y-piece to connect two equal heating circuits with a maximum flow rate of 2 l/min. to a heating circuit manifold outlet.



| Order No. | DU 1  |
|-----------|-------|
| 77220035  | 1 pc. |

**TECEfloor SLQ Eurocone universal coupling**

Eurocone universal coupling, double connector, nickel-plated, compatible with all TECEfloor Eurocone clamping ring connections. SLQ quality-monitored and tested for compatibility.



| Dimension         | Order No. | DU 1   | DU 2    |
|-------------------|-----------|--------|---------|
| 3/4" EC x 3/4" EC | 77220034  | 10 pc. | 100 pc. |

**TECEfloor SLQ coupling with pressure sleeves for all-plastic pipes**

Pressure sleeve coupling for PE-Xc-, PE-RT and MDXc all-plastic pipes, for permanent and O-ring-free connection, not suitable for Al composite pipes (Al/PE-RT), low pressure loss thanks to expansion technology. SLQ quality-monitored, tested for compatibility and component of the DIN CERTCO certified TECEfloor pipe systems.



| Dimension | Expanding |  | Pressing forks | Order No. | DU 1  | DU 2   | DU 3    |
|-----------|-----------|--|----------------|-----------|-------|--------|---------|
|           | heads     |  |                |           |       |        |         |
| 14 x 14   | 14        |  | 14             | 77220014  | 1 pc. | 10 pc. | -       |
| 16 x 16   | 16        |  | 16             | 77220016  | 1 pc. | 10 pc. | 100 pc. |
| 17 x 17   | 17        |  | 16             | 77220017  | 1 pc. | 10 pc. | 100 pc. |
| 20 x 20   | 20 L      |  | 20             | 77220020  | 1 pc. | 10 pc. | 100 pc. |
| 25 x 25   | 25 L      |  | 25             | 77220025  | 1 pc. | 10 pc. | 100 pc. |

For dim. 14 and 16 use TECEflex expansion head, for dim. 17, 20 and 25 use SLQ expansion head (77921700, 77922000 and 77922500)!

**TECEfloor pressure sleeve coupling for SLQ Al/PE-RT radiant heating pipe**

PPSU pressure sleeve coupling specially designed for SLQ Al/PE-RT underfloor heating pipes, for permanent and O-ring-free connection, low pressure loss thanks to expansion technology.

SLQ quality-monitored and tested for compatibility.

Use the TECEflex push sleeve tool DIM 16 to process the set consisting of a PPSU coupling and specially adapted pressure sleeve.



| Dimension | Order No. | DU 1  | DU 2   | DU 3    |
|-----------|-----------|-------|--------|---------|
| 16 x 16   | 77220015  | 1 pc. | 10 pc. | 100 pc. |

## TECEfloor – Adapters

### TECE Eurocone push-fitting type TECElogo-Push

Eurocone push-fitting for fast, easy and twist-free connection of TECEfloor system pipes dimension 16, type SLQ PE-RT 5S, SLQ PE-MDXc 5S and SLQ AI/PE-RT, to a heating circuit manifold with 3/4" Eurocone connection. Push-fitting based on innovative TECElogo-Push technology. Simplifies assembly and reliably prevents torsion stress in the connection area. Secure and resistant to temperature changes, can subsequently be disconnected using the TECEfloor/TECElogo system tool.

DVGW-certified and SLQ quality-monitored, compatibility tested and component of the DIN CERTCO certified TECEfloor pipe systems 3V373 MVR and 3V377 MVR (M).

Only use with the corresponding system pipes and system tool!

| Dimension | Order No. | DU 1  | DU 2    |
|-----------|-----------|-------|---------|
| 16 x 3/4" | 77230016  | 2 pc. | 100 pc. |



AI/PE-RT  
MDXc

### TECEfloor push-fit coupling type TECElogo-Push

Push fit coupling for fast, easy and twist-free connection of TECEfloor system pipes dimension 16, type SLQ PE-RT 5S, SLQ PE-MDXc 5S and SLQ AI/PE-RT. Push-fitting based on innovative TECElogo-Push technology. With integrated grip function and resistant to temperature changes, SLQ quality-monitored and compatibility tested and part of the DIN CERTCO certified TECEfloor pipe systems 3V373 MVR and 3V377 MVR (M).

Only use with the corresponding system pipes and system tool!

| Dimension | Order No. | DU 1  | DU 2   |
|-----------|-----------|-------|--------|
| 16 x 16   | 77230017  | 1 pc. | 80 pc. |



AI/PE-RT  
MDXc

**TECEfloor roll insulation with impact sound insulation 30-2 DES WLG 040**

Insulation made of EPS DES sg BS50-SD20-CP2, WLG 040,  $R_{\lambda} = 0.75 \text{ W/(m}^2\cdot\text{K)}$ , coated with a tear-resistant strip woven film, moveable load max.  $5 \text{ kN/m}^2$ , impact sound improvement 28 dB, HBCD-free.

| Dimension               | Order No. | DU 1              | DU 2              |
|-------------------------|-----------|-------------------|-------------------|
| Width 1 m / length 10 m | 77531500  | 10 m <sup>2</sup> | 60 m <sup>2</sup> |

**TECEfloor roll insulation with impact sound insulation 30-3 DES WLG 045**

Insulation made of EPS DES sm BS50-SD15-CP3, WLG 045,  $R_{\lambda} = 0.67 \text{ W/(m}^2\cdot\text{K)}$ , class E/B2, coated with a tear-resistant strip woven film, moveable load max.  $4 \text{ kN/m}^2$ , impact sound improvement 29 dB, HBCD-free.

| Dimension               | Order No. | DU 1              | DU 2              |
|-------------------------|-----------|-------------------|-------------------|
| Width 1 m / length 10 m | 77531520  | 10 m <sup>2</sup> | 60 m <sup>2</sup> |

**TECEfloor adhesive tape**

Adhesive tape to create a waterproof screed form by sticking on the stapled insulation joints.

| Dimension                 | Order No. | DU 1  |
|---------------------------|-----------|-------|
| Width 50 mm / length 66 m | 77600010  | 1 pc. |

**TECEfloor tape unwinder**

Tape unwinder for efficient use of adhesive tape.

| Order No. | DU 1  |
|-----------|-------|
| 77600020  | 1 pc. |



## TECEfloor – Mounting systems

### TECEfloor tacking tool T8 extra

Tacking tool specially designed for extra-wide tacking pins T8 extra (8 mm). The precision-made tools are distinguished by their excellent reliability. Incl. stand, weight and inspection opening.

Not suitable for conventional 6 mm tacking pins.



| Tacking pins | Order No. | DU 1  |
|--------------|-----------|-------|
| 8 x 40 mm    | 77610001  | 1 pc. |

### TECEfloor tacking pins T8 extra, dim. 14-20

Extra-wide tacking pins with 8 mm wide clip for better fixing and guiding of heating pipes, particularly in floor areas. Tacking pin with special anchor, very good foil penetration, low damage to strip woven film and improved hold with 45° angle of pull (curves).

Optimised for EPS insulation, not suitable for PUR insulation.

Cannot be used with standard tacking tools!



| Tacking pins | Order No. | DU 1    | DU 2     | DU 3      |
|--------------|-----------|---------|----------|-----------|
| 8 x 40 mm    | 77610010  | 200 pc. | 4000 pc. | 80000 pc. |

### TECEfloor standard tacking tool 6 mm

Standard tacking tool for conventional 6 mm tacking pins of length 40 mm or 55 mm. These precision-made tools are distinguished by their excellent reliability. Incl. stand, weight and inspection opening.



| Tacking pins | Order No. | DU 1  |
|--------------|-----------|-------|
| 6 x 40/55 mm | 77610024  | 1 pc. |

### TECEfloor tacking pins standard 6 mm, dim. 14-20

Standard tacking pins, heat-applied, can be used with many conventional tacking tools.



40 mm length

| Tacking pins | Order No. | DU 1    | DU 2      | DU 3       |
|--------------|-----------|---------|-----------|------------|
| 6 x 40 mm    | 77610016  | 300 pc. | 6000 pc.  | 144000 pc. |
| 6 x 55 mm    | 77610023  | 300 pc. | 78000 pc. | -          |



55 mm length

### TECEfloor tacking sheet 10plus

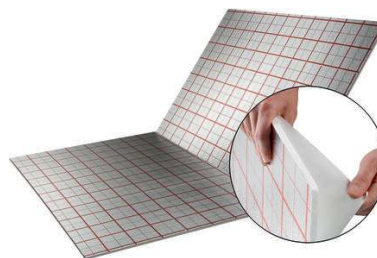
10 mm thick EPS DEO dh BS200-CS(10)150 folding tacking sheet for universal laying on customer's insulation such as suitable mineral wool, EPS or PUR insulation or in renovations on the existing screed, HBCD-free.

- Made from expanding polystyrene EPS, nominal value of the der thermal conductivity 0.034 W/mK (DIN EN 13163; DIN EN 12667),  $R_{\lambda} = 0,285 \text{ W/(m}^2\text{K)}$
- Compression strength at 10 % compression 150 kPa CS(10/Y) 150 (DIN EN 826; DIN EN 13163), EPS Euroclass E (DIN EN 13501-1)
- Coated with a highly tear-resistant, finely woven, fibre-reinforced multi-layer composite woven film made of polyethylene (DIN EN 1264-4), highly adhesive, for very high holding forces for the TECEfloor 10plus tacking pins
- One-sided, self-adhesive 30 mm film overlap, grid printing 5 and 10 cm

EPS strength: 10 mm

Dimensions: 1.60 x 1.20 m (1.92 m<sup>2</sup>), delivered folded: 0.80 x 1.20 m

Optional: Underside with self-adhesive coating.



| Version       | Order No. | DU 1                 | DU 2                 | DU 3                  |
|---------------|-----------|----------------------|----------------------|-----------------------|
| Standard      | 77531530  | 23.04 m <sup>2</sup> | 69.12 m <sup>2</sup> | 207.36 m <sup>2</sup> |
| Self-adhesive | 77531531  | 23.04 m <sup>2</sup> | 69.12 m <sup>2</sup> | 207.36 m <sup>2</sup> |

### TECEfloor tacking tool 10plus

Tacking tool 10plus, suitable only for use with type 10plus tacking pins. These precision-made tools are distinguished by their excellent reliability.

| Tacking pins | Order No. | DU 1  |
|--------------|-----------|-------|
| 10plus       | 77610026  | 1 pc. |



### TECEfloor tacking pins 10plus

Tacking pins 10plus, for fixing pipes on the TECEfloor folding tacking sheets 10plus. With 4 short holding anchors per pin and a wide supporting surface to achieve very high holding forces and pipe fixing in accordance with standards, also suitable for conventional tacking sheets.

Only for use with the TECEfloor tacking tool type 10plus.



| Dimension | Order No. |     | DU 1    | DU 2     | DU 3       |
|-----------|-----------|-----|---------|----------|------------|
| 10-12 mm  | 77610027* | NEW | 450 pc. | 9000 pc. | -          |
| 14-17 mm  | 77610025  |     | 450 pc. | 9000 pc. | 135000 pc. |

# TECEfloor – Mounting systems

## TECEfloor dimpled panel 30-2/14-17 mm

Dimpled panel 30-2 for pipe dimensions 14 to 17 mm, spacing VA 6 cm, diagonal 840 mm, EPS DEO sg BS100-SD20-CP2 WLG 040  $R_{\lambda} = 0.75 \text{ W/(m}^2\text{K)}$ , moveable load max.  $5 \text{ kPa/m}^2$ , impact sound improvement 28 dB, HBCD-free.

| Dimension        | Order No. | DU 1              | DU 2               |
|------------------|-----------|-------------------|--------------------|
| 840 mm x 1440 mm | 77510010  | $9.6 \text{ m}^2$ | $57.6 \text{ m}^2$ |



## TECEfloor dimpled panel 11/14-17 mm

Dimpled panel with 11 mm insulation, spacing VA 6 cm, diagonal 840 mm, EPS DEO ds BS250-CS(10)200, WLG 035  $R_{\lambda} = 0.31 \text{ W/(m}^2\text{K)}$ , moveable load max.  $30 \text{ kPa/m}^2$ . For pipe dimensions 14-17 mm, HBCD-free.

| Dimension        | Order No. | DU 1              | DU 2                |
|------------------|-----------|-------------------|---------------------|
| 840 mm x 1440 mm | 77510020  | $9.6 \text{ m}^2$ | $115.2 \text{ m}^2$ |



## TECEfloor compensating element NP 30/11 for dimpled panels 30-2 and 11

Compensating element NP 30/11 for TECEfloor dimpled panels 30-2 and 11, 900 mm wide, to compensate for door openings or movement joints.

| Dimension    | Order No. | DU 1   |
|--------------|-----------|--------|
| Width 900 mm | 77510021  | 10 pc. |



## TECEfloor dimpled sheet without insulation /14-17 mm

Dimpled sheet without insulation, to be laid on customer's insulation. For pipe dimensions 14-17 mm, spacing VA 6 cm, diagonal 840 mm.

| Dimension        | Order No. | DU 1               | DU 2                |
|------------------|-----------|--------------------|---------------------|
| 840 mm x 1440 mm | 77510030  | $16.8 \text{ m}^2$ | $201.6 \text{ m}^2$ |



## TECEfloor compensating strips for dimpled sheets

Compensating element for TECEfloor dimpled sheets, 900 mm wide, to compensate for door openings or movement joints. Not suitable for dimpled panels 30-2 and 11.

| Dimension    | Order No. | DU 1   |
|--------------|-----------|--------|
| Width 900 mm | 77510031  | 10 pc. |





## TECEfloor universal panel FM 16/12

Universal panel for use in old and new buildings in dry-wall or brick-wall construction systems. Extra-flat EPS element (16 mm) for floor, wall or ceiling with aluminium heat conduction plates glued over whole surface, with predetermined breaking points for adjustment of width and length without tools. For taking TECEfloor underfloor heating pipe PE-RT 5S 12 x 1.5 mm, HBCD-free.

Base plate made of EPS 035 DEO, > 200 kPa

Thermal conductivity: 0.035 W/mK

Thermal resistance: 0.40 m<sup>2</sup>K/W

Heat conducting plates made of aluminium 0.25 mm, with Omega pipe layout

Compression strength: > 200 kPa at 10 % compression in accordance with DIN EN 826

Building material class B1

Dimensions (L x W x H): 1200 x 750 x 16 mm

Spacing: 150 mm



| Order No. | DU 1             | DU 2               |
|-----------|------------------|--------------------|
| 77520001  | 9 m <sup>2</sup> | 117 m <sup>2</sup> |

## TECEfloor combination element FM 16/12

Combination element consisting of three head elements with reversal elbows and compensation element for filling remaining areas, HBCD-free.

Base plate made of EPS 035 DEO, > 200 kPa

Dimensions (L x W x H): 1200 x 750 x 16 mm



| Order No. | DU 1               | DU 2               |
|-----------|--------------------|--------------------|
| 77520002  | 4.5 m <sup>2</sup> | 117 m <sup>2</sup> |

## TECEfloor edge board FM 16/12

Edge board made of wood fibre material for stronger and accurate edging, to be laid along the edge insulation strips. 5 mm wood fibre layer on underside to reduce structure-borne noise and compensate for minor surface unevenness. Mandatory for all installation variants with insulation mat and directly laid. Recommended for installations with dry screed.

Dimensions (L x W x H): 1000 x 45 x 16 mm



| Order No. | DU 1   | DU 2    |
|-----------|--------|---------|
| 77520003  | 10 pc. | 630 pc. |

# TECEfloor – Mounting systems

## TECEfloor dry-wall panel TP 30/16

Pipe base plate for installation of underfloor heating according to construction type B (laying pipe within the insulation layer under screed). Allows use with standard dry screed elements (Knauf, Fermacell, Rigips, etc.) as well as wet screed (cement screed, flow screed). Made from expanded polystyrene hard foam (EPS), with pipe layout channels for incorporating TECEfloor heat conduction profiles and TECEfloor underfloor heating pipes 16 x 2 mm. Can be laid in single as well double meander, HBCD-free.

Material: expanded polystyrene (EPS 035 DEO), building material class E  
Thermal conductivity: 0.035 W/mK,  $R > 0.8 \text{ m}^2\text{K/W}$   
Compression strength 150 kPa at 10 % compression in accordance with EN 826  
Spacing: VA 150, VA 300 (single and double meander)  
Dimensions (L x W x H): 1150 x 750 x 30 mm



| Order No. | DU 1                 | DU 2                  |
|-----------|----------------------|-----------------------|
| 77520006  | 8.625 m <sup>2</sup> | 60.375 m <sup>2</sup> |

## TECEfloor heat-conduct. profile TP 30/16

Heat conduction profile for mounting on the TECEfloor dry-wall panel TP 30/16. For uniform heat distribution by heating pipe over the dry screed plate. For taking TECEfloor underfloor heating pipes 16 x 2 mm. With predetermined breaking points for separation without tools.

Dimensions (L x W x H): 1000 x 132 x 0.4 mm/0.45 mm  
Material requirements: approx. 6 pcs./m<sup>2</sup> (VA 15)



| Version                        | Order No. | DU 1   | DU 2    |
|--------------------------------|-----------|--------|---------|
| galvanised steel sheet, 0.4 mm | 77520007  | 50 pc. | 500 pc. |
| Aluminium, 0.45 mm             | 77520008  | 50 pc. | 500 pc. |

## TECEfloor decoupling mat

Load distribution and insulation mat, in conjunction with TECEfloor universal panel UP 16/12, for tiles and laminate. Polyester fibre board made of aluminium-clad polyester fleece and thermoplastic binder; consequently, high tear resistance and compression strength, movable loads up to 2 kN/m<sup>2</sup>, point loads up to 2 kN.

Thermal conductivity: 0.2 W/mK  
Weight: approx. 5.2 kg/m<sup>2</sup>

Tile formats

- min. size 10 x 10 cm or 100 cm<sup>2</sup>
- max. size 80 x 80 cm
- min. thickness (natural stone) 10 mm

Joint size

- min. 3 mm up to tile size 30 x 30 cm
- min. 4 mm up to tile size 40 x 40 cm
- min. 5 mm up to tile size 80 x 80 cm

Field size

- up to max. 60 m<sup>2</sup>, length/width ratio max. 2:1

Dimensions (L x W x H): 1150 x 600 x 5 (+0.5) mm



| Order No. | DU 1               | DU 2               |
|-----------|--------------------|--------------------|
| 77520018  | 6.9 m <sup>2</sup> | 138 m <sup>2</sup> |

**TECEfloor joint adhesive strip UP**

Adhesive tape to glue insulation mat edges when laying tiles.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 120 m     | 77520019  | 120 m |

**TECEfloor Ultrabond Eco Fix UP**

Dispersion fixing, for gluing the universal panels to the subsurface (only when laid directly) and for gluing the insulation mat to the universal panel, 10 kg container.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 10 kg     | 77520020  | 10 kg |

**TECEfloor hot cutter UP**

Hot cutter with U-shaped cutting blade (dimension 12 and dimension 16) for cutting out inlet guides in EPS compensating elements, connection voltage 230 V.

| Order No. | DU 1  |
|-----------|-------|
| 77520021  | 1 pc. |

**TECEfloor cutting blade**

U-shaped cutting blade for TECEfloor heat cutter, for cutting the inlet guides in the EPS combination element FM 16/12.

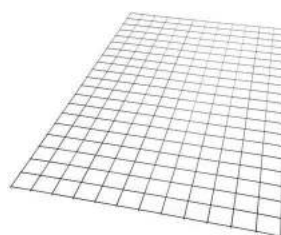
| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 12        | 77520026  | 1 pc. |

**TECEfloor backerboard**

Backerboard made of rack-drawn 3 mm steel wire for fixing the underfloor heating pipes with board binders or pipe clips.

Dimensions (L x W x H): 2100 x 1200 x 3 mm

| Dimension      | Order No. | DU 1                | DU 2               |
|----------------|-----------|---------------------|--------------------|
| M 100 x 100 mm | 77540010  | 25.2 m <sup>2</sup> | 630 m <sup>2</sup> |
| M 150 x 150 mm | 77540015  | 25.2 m <sup>2</sup> | 756 m <sup>2</sup> |

**TECEfloor board binders**

Board binders to fix pipes on and join backerboards together.

| Order No. | DU 1     |
|-----------|----------|
| 77611020  | 1000 pc. |



## TECEfloor – Mounting systems

### TECEfloor tacking tool for pipe clips 17 mm

Tacking tool to quickly and precisely attach collated TECEfloor pipe clips 17 mm to a 3 mm TECEfloor backerboard.

| Order No. | DU 1  |
|-----------|-------|
| 77611001  | 1 pc. |



### TECEfloor pipe clips 17 mm, magazined

Pipe clips for mounting underfloor heating pipes, dim. 17 on 3 mm backerboards. Magazined for use in tacking tools.

| Dimension | Order No. | DU 1     |
|-----------|-----------|----------|
| 17 mm     | 77611000  | 1000 pc. |



**TECEfloor retaining pin**

Retaining pins for fixing clip rails or mounting underfloor heating pipes.

| Order No. | DU 1    | DU 2    |
|-----------|---------|---------|
| 77612010  | 200 pc. | 800 pc. |

**TECEfloor fixing hooks for nub sheet**

Fixing hooks for fixing TECEfloor nub sheet on site-installed insulation including insertion aid with pre-insertion awl.

| Order No. | DU 1    | DU 2     |
|-----------|---------|----------|
| 77612020  | 100 pc. | 2000 pc. |

**TECEfloor clip rail**

Clip rail, modular expandable by means of push-fit connector system. Length of individual segments 100 cm, double-sided adhesive tape on underside.

| Dimension  | Order No. | DU 1 | DU 2  |
|------------|-----------|------|-------|
| 14-17 mm   | 77570010  | 10 m | 100 m |
| 16 - 20 mm | 77570015  | 10 m | 100 m |

Delivery length per unit = 100 cm

**TECEfloor clamping rail**

Clamp rail for attaching and fixing TECEfloor underfloor heating pipes. Length: 2 m

| Dimension | Order No. | DU 1 | DU 2  |
|-----------|-----------|------|-------|
| 12 mm     | 77570009  | 32 m | 896 m |
| 25 mm     | 77570025  | 32 m | 800 m |

**TECEfloor edge insulation strip**

Edge insulation strips made of PE foam, self-adhesive with foil for sound insulation and to compensate for thermal expansion of the screed layer in accordance with DIN 18560. Suitable for cement and flow screed.

| Dimension     | Order No. | DU 1  | DU 2  |
|---------------|-----------|-------|-------|
| 150/10 - 40 m | 77620012  | 160 m | 960 m |

**TECEfloor pipe joint protection**

Polyethylene insulating tube to protect floor heating pipes in the expansion joint area.

| Dimension | Order No. | DU 1   | DU 2   |
|-----------|-----------|--------|--------|
| 14-17 mm  | 77630020  | 10 pc. | 50 pc. |
| 17-20 mm  | 77630025  | 10 pc. | 50 pc. |

Delivery length per unit = 100 cm



# TECEfloor – Mounting systems

## TECEfloor corrugated sheath pipe, slotted

Slotted corrugated sheath pipe made of plastic for protection of the TECEfloor underfloor heating pipes in terms of breakthroughs and expansion joints.

D<sub>a</sub> x D<sub>i</sub>: 34 x 28 mm



| Dimension | Order No. | DU 1 |
|-----------|-----------|------|
| 34/28 mm  | 77911025  | 25 m |

## TECEfloor expansion joint profile 10 x 100 mm

PE strips made of PE flexible foam, CFC-free, to create permanently elastic screed joints and to limit screed areas. With 40 mm wide self-adhesive foot. Suitable for cement and flow screed.

Width 10 mm, height 100 mm, length 1800 mm



| Dimension   | Order No. | DU 1 |
|-------------|-----------|------|
| 10 x 100 mm | 77630010  | 18 m |

Delivery length per unit = 180 cm

## TECEfloor cement screed additive

Plasticizing additive especially for the production of cement and calcium sulphate heating screeds (not suitable for flow screeds), 10 kg container. Requirement: 0.03 kg/m<sup>2</sup> per cm screed thickness. Minimum pipe overlap 45 mm.



| Order No. | DU 1  |
|-----------|-------|
| 77640010  | 10 kg |

## TECEfloor cement screed, special additive

Strengthening, modifying additive to produce thin-bed cement screeds. Requirement: 0.25-0.30 kg/m<sup>2</sup> per cm screed thickness. Minimum pipe overlap 30 mm.



| Order No. | DU 1  |
|-----------|-------|
| 77641010  | 25 kg |

## TECEfloor polyethylene foil 0.2 mm

| Version          | Order No. | DU 1              |
|------------------|-----------|-------------------|
| Roll length 50 m | 77660012  | 75 m <sup>2</sup> |

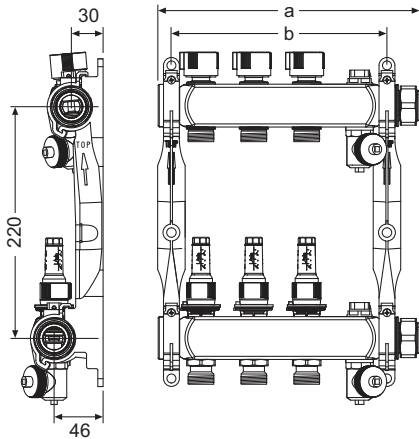
Width: 1.5 m



TECEfloor stainless steel heating circuit manifold with flow rate indicator

Stainless steel heating circuit manifold, heating circuit manifold bar with large chamber volume, surface polished, sound-absorbent plastic holder with fast assembly function, with union nut 1" flat sealing. Integrated return valves with double O-ring seal on valve tappet, valve disk with O-ring sealing for permanently reliable closing of the heating circuits, flow metre with shut-off, 0.5-4 litres with locking mechanism to DIN EN 1264-4. Sight glasses can be exchanged under system pressure, batch indication and tracking for the unique identification of the manifold, even after many years of operation (supply of accessories and spare parts). SLQ quality-monitored and tested for compatibility. Every manifold is 100 % tested for tightness and function. Made in Germany

| Version             | a      | b      | Order No. | DU 1  |
|---------------------|--------|--------|-----------|-------|
| 2 heating circuits  | 198 mm | 154 mm | 77310002  | 1 pc. |
| 3 heating circuits  | 248 mm | 204 mm | 77310003  | 1 pc. |
| 4 heating circuits  | 298 mm | 254 mm | 77310004  | 1 pc. |
| 5 heating circuits  | 348 mm | 304 mm | 77310005  | 1 pc. |
| 6 heating circuits  | 398 mm | 354 mm | 77310006  | 1 pc. |
| 7 heating circuits  | 448 mm | 404 mm | 77310007  | 1 pc. |
| 8 heating circuits  | 498 mm | 454 mm | 77310008  | 1 pc. |
| 9 heating circuits  | 548 mm | 504 mm | 77310009  | 1 pc. |
| 10 heating circuits | 598 mm | 554 mm | 77310010  | 1 pc. |
| 11 heating circuits | 648 mm | 604 mm | 77310011  | 1 pc. |
| 12 heating circuits | 698 mm | 654 mm | 77310012  | 1 pc. |



TECEfloor extension set for heating circuit manifold with flow rate indicator

Including 1" male connector to connect to a TECEfloor stainless steel heating circuit manifold.

| L      | Order No. | DU 1  |
|--------|-----------|-------|
| 153 mm | 77310022  | 1 pc. |
| 203 mm | 77310023  | 1 pc. |



## TECEfloor – Manifolds

### TECEfloor stainless steel heating circuit manifold type TECElogo-Push with flow rate indicator

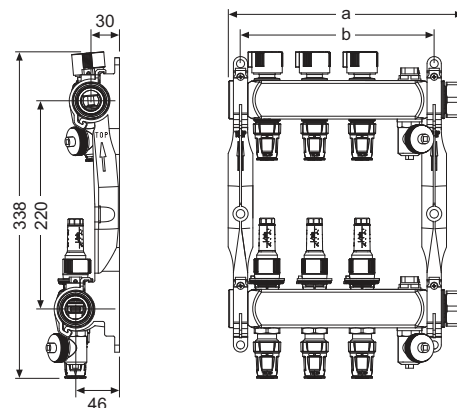
Stainless steel heating circuit manifold, outlets with preassembled Eurocone push-fittings of type TECElogo-Push for fast and twist-free connection of TECEfloor heating pipes, dimension 16, type SLQ PE-RT 5S, SLQ Al/PE-RT and SLQ MDXc 5S. Push-fitting with Eurocone connection can be subsequently removed with ease using the system tool. Heating circuit manifold bar with large chamber volume, surface polished, sound-absorbent plastic holder with fast assembly function, with union nut 1", flat sealing, integrated return valves with double O-ring seal on valve tappet, valve disk with O-ring sealing for permanently reliable closing of the heating circuits, flow metre with shut-off, 0.5-4 litres with locking mechanism to DIN EN 1264-4. Viewing glasses can be exchanged under system pressure, batch indication and tracking for the unique identification of the manifold, even after many years of operation (supply of accessories and spare parts).

SLQ quality-monitored and compatibility tested. Every manifold is 100 % tested for tightness and function.

Made in Germany

**Only use with the corresponding system tool!**

| Version             | a      | b      | Order No. | DU 1  |
|---------------------|--------|--------|-----------|-------|
| 2 heating circuits  | 198 mm | 154 mm | 77311102  | 1 pc. |
| 3 heating circuits  | 248 mm | 204 mm | 77311103  | 1 pc. |
| 4 heating circuits  | 298 mm | 254 mm | 77311104  | 1 pc. |
| 5 heating circuits  | 348 mm | 304 mm | 77311105  | 1 pc. |
| 6 heating circuits  | 398 mm | 354 mm | 77311106  | 1 pc. |
| 7 heating circuits  | 448 mm | 404 mm | 77311107  | 1 pc. |
| 8 heating circuits  | 498 mm | 454 mm | 77311108  | 1 pc. |
| 9 heating circuits  | 548 mm | 504 mm | 77311109  | 1 pc. |
| 10 heating circuits | 598 mm | 554 mm | 77311110  | 1 pc. |
| 11 heating circuits | 648 mm | 604 mm | 77311111  | 1 pc. |
| 12 heating circuits | 698 mm | 654 mm | 77311112  | 1 pc. |





TECEfloor plastic heating circuit manifold basic module

Basic module, modular expandable with 2-way and 3-way connection modules, consists of base with union nut 1" flat-sealing, seal, flow and return thermometer, filling and emptying unit, end caps, manifold holders, screws and wall plugs.  
Operating conditions max. 60 °C at 6 bar or 90 °C at 3 bar.  
SLQ quality-monitored and tested for compatibility, 100 % tested for tightness and function.



| Order No. | DU 1  |
|-----------|-------|
| 77390010  | 1 pc. |

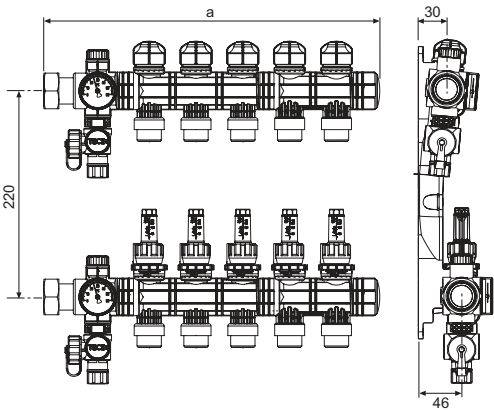
TECEfloor plastic heating circuit manifold connection module with flow rate indicator

Connection module with flow rate indicator, modular expandable, heating circuit outlets in 3/4" Eurocone, flow with preconfigurable flow rate indicators up to 3.5 l/min, return with integrated valve cores M 30 x 1.5 mm.  
SLQ quality-monitored and tested for compatibility, 100 % tested for tightness and function.



| Version            | a      | Order No. | DU 1  |
|--------------------|--------|-----------|-------|
| 2 heating circuits | 202 mm | 77390020  | 1 pc. |
| 3 heating circuits | 252 mm | 77390030  | 1 pc. |
| 4 heating circuits | 302 mm | 77390040  | 1 pc. |

Note: Width (a) incl. basic module. The width increases by 50 mm with each additional heating circuit.



TECEfloor ball valve

Ball valve with 1" connection, nickel plated, incl. flat seal, installation dimension 70 mm.

| Dimension      | Order No. | DU 1  | DU 2   |
|----------------|-----------|-------|--------|
| Rp 3/4" x R 1" | 77381001  | 1 pc. | 20 pc. |
| Rp 1" x R 1"   | 77381003  | 1 pc. | 16 pc. |



TECEfloor angled ball valve set

Angled ball valve set consisting of return or flow ball valve with angled connection. Manifold connection R 1", flat sealing. Primary connection Rp 3/4" or Rp 1", incl. flat seal. Installation dimension 125 mm.

| Dimension      | Order No. | DU 1  |
|----------------|-----------|-------|
| Rp 3/4" x R 1" | 77381002  | 1 pc. |
| Rp 1" x R 1"   | 77381009  | 1 pc. |



# TECEfloor – Manifolds

## TECEfloor ball valve with thermometer

Ball valve with thermometer, nickel plated, with thermometer in turning handle, includes red and blue clips to mark flow and return.

| Dimension    | Order No. | DU 1  |
|--------------|-----------|-------|
| Rp 1" x R 1" | 77381008  | 1 pc. |



## TECEfloor calorimeter installation kit

Calorimeter corner installation set with sensor mount to DIN 1434-2, versatile, overall length 110 mm or 130 mm, primary connection Rp 3/4", manifold connection R 1", flat sealing, flow and return ball valve with sensor connection M 10 x 1, installation dimension 127 mm, centre-to-centre distance 70 mm.

| Dimension      | Order No. | DU 1  |
|----------------|-----------|-------|
| Rp 3/4" x R 1" | 77382005  | 1 set |



## TECEfloor control valve 1"

Control valve G 1"/Rp 1" for shutting off the manifold flow and hydraulic comparison with pre-setting display incl. locking, Kvs value: 5.0 m³/h, installation dimension 70 mm.

| Dimension    | Order No. | DU 1  |
|--------------|-----------|-------|
| Rp 1" x R 1" | 77383001  | 1 pc. |



## TECEfloor zone regulator valve 1"

Zone regulator valve G 1"/Rp 1" for shutting off the manifold return flow as well as for taking the TECEfloor SLQ servomotor 230 V or 24 V, Kvs value: 4.6 m³/h, installation dimension 70 mm.

| Dimension    | Order No. | DU 1  |
|--------------|-----------|-------|
| Rp 1" x R 1" | 77383002  | 1 pc. |



## TECEfloor overflow valve

**NEW**

Overflow valve for TECEfloor stainless steel manifold, for assembly right or left on the manifold, for avoiding flow sounds. Setting range: 100-500 mbar

| Dimension | Order No. | DU 1 | DU 2         |
|-----------|-----------|------|--------------|
| R 1"      | 77390012  | NEW  | 1 pc. 10 pc. |



**TECEfloor industrial heating circuit manifold, plastic, 1 1/2" basic module**

Industrial plastic manifold 1 1/2", basic module for the modular installation of industrial manifolds up to 20 heating circuits, incl. boiler filling/emptying tap and wall mount.

Testing pressure 6 bar (< 30 °C, 24 h), operating pressure 3 bar, -20 °C to 60 °C.



|                  |             |
|------------------|-------------|
| <b>Order No.</b> | <b>DU 1</b> |
| 77390110         | 1 pc.       |

**TECEfloor industry plastic heating circuit manifold flow/return module**

Industrial heating circuit manifold, manifold segment, combinable, 1-20 heating circuit can be added modularly, O-ring sealing, flow segment with flow rate metre 4-20 l/min., return segment with integrated valve. Connection for taking the TECEfloor connection adapter type TECEflex.



|                   |          |                  |             |
|-------------------|----------|------------------|-------------|
| <b>Version</b>    | <b>a</b> | <b>Order No.</b> | <b>DU 1</b> |
| 1 heating circuit | 180 mm   | 77390113         | 1 pc.       |

**Note:**

- Width (a) incl. basic module. The width increases by 70 mm with each additional heating circuit.
- As of 10 heating circuits, an additional wall mount set is required (77390120).

**TECEfloor connection adapter set type TECEflex for industry heating circuit manifold**

Plug adapter set with TECEfloor system transition type Flex for connection to the TECEfloor industrial heating circuit manifold.



|                  |                  |             |
|------------------|------------------|-------------|
| <b>Dimension</b> | <b>Order No.</b> | <b>DU 1</b> |
| 25 x 2,5         | 77390114         | 1 pc.       |

**TECEfloor industrial heating circuit manifold, plastic, wall mount set**

Industrial heating circuit manifold 1 1/2" wall mount set for additional mounting of the manifold module, 400 mm spacing or as of 10 to max. 20 heating circuits.



|                  |             |
|------------------|-------------|
| <b>Order No.</b> | <b>DU 1</b> |
| 77390120         | 1 pc.       |

**TECEfloor industrial heating circuit manifold, plastic, pressure gauge**

Industrial heating circuit manifold pressure gauge with installation valve.



|                  |             |
|------------------|-------------|
| <b>Order No.</b> | <b>DU 1</b> |
| 77390130         | 1 pc.       |

## TECEfloor – Manifolds

### TECEfloor industrial ball valve set 1 1/2"

Industrial heating circuit manifold ball valve set G 1 1/2", made of brass, installation dimension 88 mm.



Order No.

77381006

DU 1

1 pc.

### TECEfloor fixed value control 20-55 °C

Fixed value control with thermostat head and flow sensor, hydraulic comparison with the adjacent heat distribution system via return valve and balance valve possible.

Electronically controlled circulating pump ES2 25-60 ( $EEl \leq 0,20$ ) with permanent magnet synchronous motor. Energy efficiency class A, (3 ... 42 W). The patented pump chamber prevents rotor blockages caused by deposits e.g. after long idle times.

Operating modes:

- Constant pressure 300 mbar
- Constant pressure 400 mbar
- Proportional and
- Variably adjustable

Output approx. 10 kW,

Primary flow max. 90 °C, primary return max. 55 °C,

$P_{max} = 6$  bar,

Thermostat valve  $K_{vs}$  value 4.0,

Return valve  $K_{vs}$  value 2.7,

Primary connection via Rp 3/4",

Secondary connection to the manifold R 1", flat sealing,

Installation dimension 245 mm.



Please order separately:

- TECEfloor contact thermostat 77450011 (optional)

Order No.

77450000

DU 1

1 pc.

### TECEfloor contact thermostat 0-60 °C STC

Safety thermal cut-out with tensioning band, electromechanical contact thermostat for switching off circulating pumps or closing zone valves NC, connected load 230 V.



Order No.

77450011

DU 1

1 pc.

**TECEfloor manifold housing 110 - flush-mounted**

Compact and stable manifold housing made of 1 mm thick, galvanized sheet steel to DIN EN 10327/10143 with lateral, pre-punched holes, C rail for mounting heating circuit manifolds, removable screed baffle plate. Door and frame coated with high-quality epoxy polyester powder coating, RAL 9010, depth-adjustable 110-150 mm, housing height-adjustable from 710-800 mm. Suitable for retrofitting with TECEfloor design glass door.



| Housing type | Interior width | Order No. | DU 1  | DU 2   |
|--------------|----------------|-----------|-------|--------|
| 400          | 400 mm         | 77351001  | 1 pc. | 24 pc. |
| 600          | 540 mm         | 77351002  | 1 pc. | 18 pc. |
| 750          | 690 mm         | 77351003  | 1 pc. | 16 pc. |
| 900          | 840 mm         | 77351004  | 1 pc. | 14 pc. |
| 1050         | 990 mm         | 77351005  | 1 pc. | 12 pc. |
| 1200         | 1140 mm        | 77351006  | 1 pc. | 12 pc. |

Wall opening measurement = interior width + at least 45 mm

Recommended housing width

= installed elements + and assembly clearance distance (2 x ≥ 50 mm)

| Order No. | Required niche width | Required niche height | Required niche depth |
|-----------|----------------------|-----------------------|----------------------|
| 77351001  | 445 mm               | 710-780 mm            | 115-155 mm           |
| 77351002  | 585 mm               | 710-780 mm            | 115-155 mm           |
| 77351003  | 735 mm               | 710-780 mm            | 115-155 mm           |
| 77351004  | 885 mm               | 710-780 mm            | 115-155 mm           |
| 77351005  | 1035 mm              | 710-780 mm            | 115-155 mm           |
| 77351006  | 1185 mm              | 710-780 mm            | 115-155 mm           |

| Order No. | Installation height | Housing depth | Heating circuits incl. ball valve |
|-----------|---------------------|---------------|-----------------------------------|
| 77351001  | 705-775 mm          | 110-150 mm    | 2                                 |
| 77351002  | 705-775 mm          | 110-150 mm    | 3-5                               |
| 77351003  | 705-775 mm          | 110-150 mm    | 6-8                               |
| 77351004  | 705-775 mm          | 110-150 mm    | 9-11                              |
| 77351005  | 705-775 mm          | 110-150 mm    | 12                                |
| 77351006  | 705-775 mm          | 110-150 mm    | -                                 |

| Order No. | Heating circuits incl. corner ball valve | Heating circuits incl. corner calorimeter set | Heating circuits incl. fixed setpoint regulation |
|-----------|------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| 77351001  | -                                        | -                                             | -                                                |
| 77351002  | 2-4                                      | 2-3                                           | 2                                                |
| 77351003  | 5-7                                      | 4-6                                           | 3-5                                              |
| 77351004  | 8-10                                     | 7-9                                           | 6-8                                              |
| 77351005  | 11-12                                    | 10-12                                         | 9-11                                             |
| 77351006  | -                                        | -                                             | 12                                               |

# TECEfloor – Manifolds

## TECEfloor manifold housing 80 - flush-mounted

Compact and stable manifold housing made of 1 mm thick, galvanized sheet steel to DIN EN 10327/10143 with lateral, pre-punched holes, C rail for mounting heating circuit manifolds, removable screed baffle plate. Door and frame coated with high-quality epoxy polyester powder coating, RAL 9010, depth-adjustable 80-120 mm, housing height-adjustable from 710-800 mm. Suitable for retrofitting with TECEfloor design glass door.



| Housing type | Interior width | Order No. | DU 1  | DU 2   |
|--------------|----------------|-----------|-------|--------|
| 400          | 400 mm         | 77351011  | 1 pc. | 24 pc. |
| 600          | 540 mm         | 77351012  | 1 pc. | 18 pc. |
| 750          | 690 mm         | 77351013  | 1 pc. | 16 pc. |
| 900          | 840 mm         | 77351014  | 1 pc. | 14 pc. |
| 1050         | 990 mm         | 77351015  | 1 pc. | 12 pc. |
| 1200         | 1140 mm        | 77351016  | 1 pc. | 12 pc. |

Wall opening measurement = interior width + at least 45 mm

Recommended housing width

= installed elements + and assembly clearance distance (2 x ≥ 50 mm)

| Order No. | Required niche width | Required niche height | Required niche depth |
|-----------|----------------------|-----------------------|----------------------|
| 77351011  | 445 mm               | 710-780 mm            | 80-125 mm            |
| 77351012  | 585 mm               | 710-780 mm            | 80-125 mm            |
| 77351013  | 735 mm               | 710-780 mm            | 80-125 mm            |
| 77351014  | 885 mm               | 710-780 mm            | 80-125 mm            |
| 77351015  | 1035 mm              | 710-780 mm            | 80-125 mm            |
| 77351016  | 1185 mm              | 710-780 mm            | 80-125 mm            |

| Order No. | Installation height | Housing depth | Heating circuits incl. ball valve |
|-----------|---------------------|---------------|-----------------------------------|
| 77351011  | 705-775 mm          | 80-120 mm     | 2                                 |
| 77351012  | 705-775 mm          | 80-120 mm     | 3-5                               |
| 77351013  | 705-775 mm          | 80-120 mm     | 6-8                               |
| 77351014  | 705-775 mm          | 80-120 mm     | 9-11                              |
| 77351015  | 705-775 mm          | 80-120 mm     | 12                                |
| 77351016  | 705-775 mm          | 80-120 mm     | -                                 |

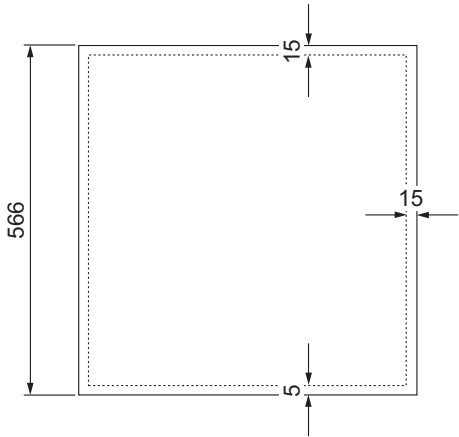
| Order No. | Heating circuits incl. corner ball valve | Heating circuits incl. corner calorimeter set | Heating circuits incl. fixed setpoint regulation |
|-----------|------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| 77351011  | -                                        | -                                             | -                                                |
| 77351012  | 2-4                                      | 2-3                                           | 2                                                |
| 77351013  | 5-7                                      | 4-6                                           | 3-5                                              |
| 77351014  | 8-10                                     | 7-9                                           | 6-8                                              |
| 77351015  | 11-12                                    | 10-12                                         | 9-11                                             |
| 77351016  | -                                        | -                                             | 12                                               |

TECEfloor design glass door

Design glass door for manifold housings flush-mounted. Retrofittable or to replace metal door and frame of the TECEfloor manifold housings. Glass front made of 6 mm single-pane safety glass, opaque with two-fold ceramic screen printed coating, edges seamed and polished, sealing lip on three sides of rear to compensate for smaller wall unevennesses. The height and width of the glass front overlaps the width of the metal frame by approx. 15 mm, reliably covers wallpaper cuttings or painted edges when retrofitting. The set consists of a glass door and depth-adjustable installation holders with hinge and magnet attachment.



| Housing type | Glass cover   | Order No. | DU 1  |
|--------------|---------------|-----------|-------|
| 400          | 489 x 566 mm  | 77352011  | 1 pc. |
| 600          | 628 x 566 mm  | 77352012  | 1 pc. |
| 750          | 778 x 566 mm  | 77352013  | 1 pc. |
| 900          | 928 x 566 mm  | 77352014  | 1 pc. |
| 1050         | 1078 x 566 mm | 77352015  | 1 pc. |



TECEfloor manifold housing 125 - wall-mounted

Compact and stable surface-mounted manifold housing made of 1 mm thick, galvanized sheet steel to DIN EN 10327/10143 with C rail for mounting heating circuit manifolds. Includes high-quality epoxy polyester powder coating, RAL 9010.



| Housing type | Width   | Order No. | DU 1  | DU 2   |
|--------------|---------|-----------|-------|--------|
| 500          | 500 mm  | 77352001  | 1 pc. | 24 pc. |
| 730          | 730 mm  | 77352002  | 1 pc. | 18 pc. |
| 900          | 880 mm  | 77352003  | 1 pc. | 16 pc. |
| 1000         | 1030 mm | 77352004  | 1 pc. | 14 pc. |

Recommended housing width  
= installed elements + and assembly clearance distance (2 x ≥ 50 mm)

| Order No. | Housing depth | Housing height | Heating circuits incl. ball valve |
|-----------|---------------|----------------|-----------------------------------|
| 77352001  | 125 mm        | 618 mm         | 2-4                               |
| 77352002  | 125 mm        | 618 mm         | 5-9                               |
| 77352003  | 125 mm        | 618 mm         | 10-11                             |
| 77352004  | 125 mm        | 618 mm         | 12                                |

| Order No. | Heating circuits incl. corner ball valve | Heating circuits incl. corner calorimeter set | Heating circuits incl. fixed setpoint regulation |
|-----------|------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| 77352001  | 2-3                                      | 2                                             | -                                                |
| 77352002  | 4-8                                      | 3-7                                           | 2-6                                              |
| 77352003  | 9-11                                     | 8-10                                          | 7-9                                              |
| 77352004  | 12                                       | 11-12                                         | 10-12                                            |

# TECEfloor – Manifolds

## TECEfloor turning lock for manifold housings

Turning lock for TECEfloor manifold housings flush-mounted and wall-mounted.

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 77990010  | 1 pc. | 10 pc. |





**TECEfloor 3-way heating pump assembly**

Heating pump assembly for restricting and regulating the flow temperature in combined radiator-underfloor heating systems. Pre-assembled and compact control station for a mixed heating circuit with 3-way mix valve with steplessly adjustable bypass and electronically controlled circulation pump.

External connections: Rp 1" and Rp 1 1/4"

Centre distance: 125 mm

Operation: maximum 6 bar

Operating temperature: maximum 95 °C

Version: Flow right (can be converted to flow left)

Consisting of:

- High-efficiency circulation pump Wilo Yonos Para (RS 25/6 and 25/7.5)
- 3-way mixing valve with integrated bypass kvs = 7.0
- Shut-off unit with integrated thermometers
- Lockable gravity brakes
- Heat insulation jacket made of EPP (Dimensions: 250 x 380 x 170 mm)



| Version                                                   | Order No. | DU 1  |
|-----------------------------------------------------------|-----------|-------|
| Rp 1" - RS 25/6 (up to approx. 20 KW/10 K/1700 l/h)       | 77460003  | 1 pc. |
| Rp 1 1/4" - RS 25/7.5 (up to approx. 30 KW/10 K/2500 l/h) | 77460004  | 1 pc. |

**TECEfloor mixing valve motor 230 V**

3-point actuator for mix valve, valve position indicator, LED rotation indicator, simple and quick assembly, coupling for manual actuation, quiet and reliable.

Power: 230 V, 50 Hz/3-5 VA

Actuating angle: 90 ° fix

Runtime: 2 min/90 °

Torque: 5 Nm

Protection class: IP42



| Order No. | DU 1  |
|-----------|-------|
| 77460005  | 1 pc. |

**TECEfloor constant temperature regulator 230 V**

Constant temperature regulator with built-in 3-point actuator for simple and fast assembly. Settings via capacitive keyboard, resistant to mechanical impacts, moisture and dust. With temperature display, valve position indicator, LED rotation indicator, including immersion sensors.

Power: 230 V, 50 Hz/4 VA

Torque: 6 Nm

Protection class: IP42



| Order No. | DU 1  |
|-----------|-------|
| 77460006  | 1 pc. |

# TECEfloor – Control

## TECEfloor compact mixer regulator 230 V

Weather-compensated heating circuit regulator with built-in 3-point actuator. Operation via touch-sensitive screen, simple plug & play installation, weather-compensated mixer control, weekly program, flow temperature limit, automatic summer/winter switch, frost protection function, anti-blockage protection for pumps, error diagnostics, including external and contact sensors.

Power: 230 V, 50 Hz/4 VA

Torque: 6 Nm

Protection class: IP42



| Order No. | DU 1  |
|-----------|-------|
| 77460007  | 1 pc. |

## TECEfloor design RTL box shell set

Control unit for decentralised individual room control incl. return temperature limit for floor and wall heating systems in combination with a radiator installation.

Consisting of:

Wall installation module with pre-configurable control valve, pre-configurable RTL valve and thermostat valve, including bare-wall protection system and connection adapter 3/4" Eurocone, installation depth: 65-90 mm.

### Caution:

Can only be used in combination with the TECEfloor design RTL box fine installation set 77470020 or 77470021 (please order separately).



| Order No. | DU 1  |
|-----------|-------|
| 77470010  | 1 pc. |

## Design RTL box fine installation set

Control unit for decentralised individual room control incl. return temperature limit for floor and wall heating systems in combination with a radiator installation.

Consisting of:

High-quality design cover plate made of real glass, attractive design thermostat head made of anodised aluminium, plastic installation frame as well as mounting plate for depth adjustment.

Cover plate dimensions (W x H x D): 104 x 124 x 7 mm

### Caution:

Can only be used in combination with the TECEfloor design RTL box shell set 77470010 (please order separately).

| Color       | Order No. | DU 1  |
|-------------|-----------|-------|
| White glass | 77470021  | 1 pc. |
| Black glass | 77470020  | 1 pc. |



## TECEfloor thermostat head extension for RTL Box

Thermostat head extension if the maximum installation depth of the TECEfloor RTL Box is exceeded. Length 20 mm.

| Order No. | DU 1  |
|-----------|-------|
| 77470025  | 1 pc. |



TECEfloor design thermostat cover DT

Design thermostat cover, high-quality real glass cover in unpretentious design, designer: NOA

- Matches TECElux and TECEloop design ranges
- 3 mm ceramic screen printed safety glass, can be installed on all TECEfloor DT design thermostat covers during the fine construction phase, can be subsequently replaced

Outside diameter 105 mm, depth 27 mm

Note:

Only functions in combination with a design thermostat base and in conjunction with a TECEfloor radio design thermostat (please order separately).

| Color                       | Order No. | DU 1  |
|-----------------------------|-----------|-------|
| Black glass, black housing  | 77400015  | 1 pc. |
| White glass, white housing  | 77400016  | 1 pc. |
| Orange glass, white housing | 77400017  | 1 pc. |



TECEfloor design thermostat base DT

Basic board with electronics as base body for holding all TECEfloor DT design thermostat covers. The base body with electronics can be mounted on a flush-mounted socket or directly on the wall. After wiring a separate design cover is attached.

Dimensions incl. design cover:

Diameter approx. 105 mm, depth approx. 27 mm

Note:

Only functions when combined with a DT design thermostat cover (please order separately).

Designs:

- 24 V/1 A/max. 5 drives per 3 W
- 230 V/1.8 A/max. 10 drives per 3 W



| Version  | Color | Order No. | DU 1  |
|----------|-------|-----------|-------|
| DT-230 V | Black | 77410024  | 1 pc. |
| DT-24 V  | Black | 77410025  | 1 pc. |

# TECEfloor – Control

## TECEfloor room thermostat RT-A, analogue

Electronic room thermostat 230 V/24 V NC. For assembly on concealed sockets or directly on the wall, room temperature control via dial with soft-lock, set-back input, 4k temperature reduction, switching current 1 A (24 V) or 2 A (230 V) resistive load, for max. 5 or 10 servomotors per 3 W, dimensions (W x H x D): 86 x 86 x 29 mm, plastic housing, colour: pure white.

Available in two versions:

- RT-A: Heating
  - RT-A radiator: Heating/cooling via changeover input
- 230 V and 24 V option.



| Version     | Order No. | DU 1  |
|-------------|-----------|-------|
| RT-A 230    | 77410030  | 1 pc. |
| RT-A 230-HK | 77410031  | 1 pc. |
| RT-A 24     | 77410032  | 1 pc. |
| RT-A 24-HK  | 77410033  | 1 pc. |

## TECEfloor room thermostat RT-D, LC display

Electronic room thermostat 230 V/24 V NC. For assembly on concealed sockets or directly on the wall, room temperature control via dial with turn and press mechanism, and soft-lock, LC display, selectable operating mode: Day/night/automatic, switching current 1 A (24 V/230 V) resistive load, for max. 5 servomotors per 3 W, dimensions (W x H x D): 86 x 86 x 31 mm, plastic housing, colour: pure white.

Available in two versions:

- RT-D Standard: (heating, set-back input, 4 K temperature reduction)
- RT-D Control: (heating/cooling, changeover input, internal timer, set-back output, smart start-stop function, terminal for external sensor)

230 V and 24 V option.



| Version           | Order No. | DU 1  |
|-------------------|-----------|-------|
| RT-D 230 Standard | 77410034  | 1 pc. |
| RT-D 230 Control  | 77410035  | 1 pc. |
| RT-D 24 Standard  | 77410036  | 1 pc. |
| RT-D 24 Control   | 77410037  | 1 pc. |

## TECEfloor room thermostat RT-D, LC display design

Electronic room thermostat 230 V/24 V NC. For assembly on concealed sockets or directly on the wall, room temperature control via dial with turn and press mechanism, and soft-lock, LC display, selectable operating mode: Day/night/automatic, switching current 1 A (24 V/230 V) resistive load, for max. 5 servomotors per 3 W, dimensions (W x H x D): 86 x 86 x 31 mm, plastic housing, colour: pure white.

With high-quality design real glass cover.

Available in two versions:

- RT-D design Standard: heating, set-back input, 4 K temperature reduction
- RT-D design Control: heating/cooling, changeover input, internal timer, set-back output, smart start-stop function, terminal for external sensor

230 V or 24 V option.



| Version                  | Color       | Order No. | DU 1  |
|--------------------------|-------------|-----------|-------|
| RT-D Design 230 Standard | White glass | 77410039  | 1 pc. |
| RT-D Design 230 Control  | White glass | 77410041  | 1 pc. |
| RT-D Design 24 Standard  | White glass | 77410043  | 1 pc. |
| RT-D Design 24 Control   | White glass | 77410045  | 1 pc. |

**TECEfloor connection unit Standard**

Connection unit to wire TECEfloor room thermostats with TECEfloor servomotors (230 V/24 V). Includes set-back channel to connect an external system clock or to connect a TECEfloor room thermostat RT-D control, for temperature reduction by TECE room thermostats RT-A or RT-D Standard, screwless push-fit connections.

Dimensions (W x H x D): 326 x 90 x 52 mm

Equipment: Only heating

Please order separately:

- TECEfloor system transformer 77430040 (for 24 V)



| Version                      | Order No. | DU 1  |
|------------------------------|-----------|-------|
| Standard 230/24 V - 6 zones  | 77430028  | 1 pc. |
| Standard 230/24 V - 10 zones | 77430029  | 1 pc. |

**TECEfloor connection unit Standard plus**

Connection unit to wire TECEfloor room thermostats with TECEfloor servomotors (230 V/24 V). Includes set-back channel to connect an external system clock or to connect a TECEfloor room thermostat RT-D control, for temperature reduction by TECE room thermostats RT-A or RT-D Standard, screwless push-fit connections.

Dimensions (W x H x D): 326 x 90 x 52 mm

Equipment: Heating and cooling, output pump control, input temperature limiter and dew point monitor

Please order separately:

- TECEfloor system transformer 77430040 (for 24 V)



| Version                        | Order No. | DU 1  |
|--------------------------------|-----------|-------|
| Standard plus 230 V - 6 zones  | 77430030  | 1 pc. |
| Standard plus 230 V - 10 zones | 77430031  | 1 pc. |
| Standard plus 24 V - 6 zones   | 77430032  | 1 pc. |
| Standard plus 24 V - 10 zones  | 77430033  | 1 pc. |

**TECEfloor temperature sensor**

Floor sensor for connection to the TECEfloor room thermostats RT-D control, sensor: NTC 22 kOhm at 25 °C.

Length/type: 3 m, 2 x 0.75 mm<sup>2</sup>



| Order No. | DU 1  |
|-----------|-------|
| 77410050  | 1 pc. |

**TECEfloor system transformer**

Safety isolating transformer to EN 61558 for TECEfloor connection unit, 24 V. Primary: 230 V 50/60 Hz, secondary: 24 V, 30 VA, no load power < 1 W.

| Order No. | DU 1  |
|-----------|-------|
| 77430040  | 1 pc. |



# TECEfloor – Control

## TECEfloor radio-controlled room thermostat RTF-A, analogue

Radio-controlled room thermostat heating/cooling, send frequency 868 MHz. For assembly on concealed sockets or directly on the wall, room temperature control via dial with soft-lock, target value correction, dimensions (W x H x D): 86 x 86 x 20 mm, plastic housing, colour: pure white, incl. two AAA batteries.



| Version | Order No. | DU 1  |
|---------|-----------|-------|
| RTF-A   | 77420030  | 1 pc. |

## TECEfloor radio-controlled room thermostat RTF-D, LC display

Radio-controlled room thermostat heating/cooling, transmission frequency 868 MHz. For assembly on concealed sockets or directly on the wall, room temperature control via dial with turn and press mechanism, and soft-lock, LC display, lifestyle functions (e. g. operating mode, timer, party function, holiday mode), smart start-stop function, dimensions (W x H x D): 86 x 86 x 20 mm, plastic housing, colour: pure white, incl. two AAA batteries. Available with or without floor sensor.



| Version                 | Order No. | DU 1  |
|-------------------------|-----------|-------|
| RTF-D                   | 77420032  | 1 pc. |
| RTF-D with floor sensor | 77420033  | 1 pc. |



## TECEfloor radio-controlled room thermostat RTF-D, LC display design

Radio-controlled room thermostat heating/cooling, transmission frequency 868 MHz. For assembly on concealed sockets or directly on the wall, room temperature control via dial with turn and press mechanism, and soft-lock, LC display, lifestyle functions (e. g. operating mode, timer, party function, holiday mode), smart start-stop function, dimensions (W x H x D): 86 x 86 x 20 mm, plastic housing, colour: pure white, incl. two AAA batteries.

With high-quality design real glass cover.



| Version      | Color       | Order No. | DU 1  |
|--------------|-------------|-----------|-------|
| RTF-D Design | White glass | 77420035  | 1 pc. |

## TECEfloor radio-control base unit 24 V incl. transformer

Base unit to receive signals from the TECEfloor radio-controlled room thermostats and connect TECEfloor servomotors (24 V). Signal input: CO heating/cooling, external system clock and dew point sensor. Output: pump controller and boiler controller, valve interval switching, screwless push-fit connections.

Dimensions (W x H x D): 305 x 75 x 52 mm (4 zones)

Dimensions (W x H x D): 370 x 75 x 52 mm (8 zones)

Either for 4 zones (6 drives) or 8 zones (12 drives)



| Version           | Order No. | DU 1  |
|-------------------|-----------|-------|
| Base 24 - 4 zones | 77440030  | 1 pc. |
| Base 24 - 8 zones | 77440031  | 1 pc. |

**TECEfloor radio repeater**

Radio repeater for increasing the radio range between the TECEfloor base unit and TECEfloor radio room thermostats, sending frequency 868 MHz, operation with mains power supply.

Length of power cable: 1.5 m



| Order No. | DU 1  |
|-----------|-------|
| 77440040  | 1 pc. |

**TECEfloor external antenna for TECEfloor radio base unit**

External antenna for direct connection to the TECEfloor base unit, for moving the radio receiver.

Length of power cable: 5 m



| Order No. | DU 1  |
|-----------|-------|
| 77440041  | 1 pc. |

**TECEfloor SLQ servomotor 230 V**

Servomotor, normally closed (NC) when no current flowing, for mounting on return valves of SLQ heating circuit manifolds, degree of protection IP 54; consequently, mounts 360° in any position. Robust union nut connection M 30 x 1.5 made of nickel-plated brass, lifting and closing dimension tailored to SLQ heating circuit manifolds, optimum elastic force 80 N, connected load 230 V. SLQ quality-monitored and tested for compatibility.



| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 77490010  | 1 pc. | 10 pc. |

**TECEfloor SLQ servomotor 24 V**

Servomotor, normally closed (NC) when no current flowing, for mounting on return valves of SLQ heating circuit manifolds, degree of protection IP 54, consequently, mounts 360° in any position. Robust union nut connection M 30 x 1.5 made of nickel-plated brass, lifting and closing dimension tailored to SLQ heating circuit manifolds, optimum elastic force 80 N, connected load 24 V. SLQ quality-monitored and tested for compatibility.



| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 77490020  | 1 pc. | 10 pc. |

**TECEfloor SLQ servomotor building control system**

Servomotor, normally closed (NC) when no current flowing, for mounting on return valves of SLQ heating circuit manifolds, for the direction connection of a building control system (BCS), control voltage 0-10 V, protection class IP 54, consequently, mounts 360° in any position, connection voltage 24 V.

Length of power cable: 1 m



| Order No. | DU 1  |
|-----------|-------|
| 77490021  | 1 pc. |

## TECEfloor – Accessories

### TECEfloor pipe bend guides

Pipe bend guides made of plastic, to guide pipes out of the screed.

| Dimension | Order No. | DU 1   | DU 2    |
|-----------|-----------|--------|---------|
| 14-17 mm  | 77910010  | 25 pc. | 200 pc. |
| 20 mm     | 77910011  | 25 pc. | 100 pc. |
| 25 mm     | 77910012  | 25 pc. | -       |



### TECEfloor tension belt 20 mm

Tension belt for fixing started pipe rolls during transport and storage.

| Order No. | DU 1  | DU 2   |
|-----------|-------|--------|
| 77920010  | 1 pc. | 10 pc. |



### TECEfloor tool case dimension 16, type TECElogo-Push

Complete tool set to cut to length, deburr and calibrate TECEfloor system pipes, dimension 16 - type SLQ PE-RT 5S, SLQ PE-MDXc 5S and SLQ Al/PE-RT - in combination with TECEfloor Eurocone push-fittings type TECElogo-Push. Consists of pipe scissors, calibrator, handle, hook wrench and open-end wrench.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 77920041  | 1 pc. |



### TECE pipe scissors

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16-25     | 8760002   | 1 pc. |



### TECEfloor SLQ pipe calibrator dim. 14/16/17/20

SLQ pipe calibrator 14/16/17/20 with adapted cutting geometry, to deburr and calibrate pipe ends when SLQ clamping ring connections are used, SLQ tested system tool.

| Dimension   | Order No. | DU 1  |
|-------------|-----------|-------|
| 14/16/17/20 | 77920000  | 1 pc. |



### TECEfloor tool set dimension 16, type TECElogo-Push

Tool set to deburr and calibrate the TECEfloor system pipes - type SLQ PE-RT 5S, SLQ PE-MDXc 5S and SLQ Al/PE-RT - in combination with TECEfloor Eurocone push-fittings type TECElogo-Push. Consists of manual calibrator and hook wrench.

| Dimension | Order No. | DU 1  |
|-----------|-----------|-------|
| 16        | 77920040  | 1 pc. |





**TECEfloor expanding head, suitable for pipe expanding tool RAZ-V**

SLQ expanding head for expanding PE-Xc and PE-RT all-plastic pipes for installing the SLQ pressure sleeve coupling, not suitable for Al composite pipes.



| Dimension       | Order No. | DU 1  |
|-----------------|-----------|-------|
| 17 x 2          | 77921700  | 1 pc. |
| 20 x 2 (20 L)   | 77922000  | 1 pc. |
| 25 x 2,5 (25 I) | 77922500  | 1 pc. |

**TECEfloor quick-action air vent set**

TECEfloor quick-action air vent set G 1/2" made of glass-fibre reinforced plastic, with O-ring seal. To automatically vent sealed heating systems to EN 12828. Patented two-way venting principle ensures high venting capacity. Suitable for water and a water-glycol solution with maximum 50 % glycol. Nominal pressure max. 8 bar at 95 °C/3.5 bar at 120 °C.



| Order No. | DU 1  |
|-----------|-------|
| 77300001  | 1 pc. |

**TECE laying winder**

Laying winder, foldable, variably adjustable for TECEfloor, TECEflex and TECElogo rolls up 600 m length.

| Dimension   | Order No. | DU 1  |
|-------------|-----------|-------|
| up to 600 m | 720193    | 1 pc. |

**TECEfloor roll dispenser**

Universal roll dispenser for rolls of TECE pipe, length 200-800 m, width adjustment of inner roll diameter ( $D_i$ ) 200-900 mm, outer roll diameter ( $D_a$ ) 600-1300 mm.

| Order No. | DU 1  |
|-----------|-------|
| 77920020  | 1 pc. |

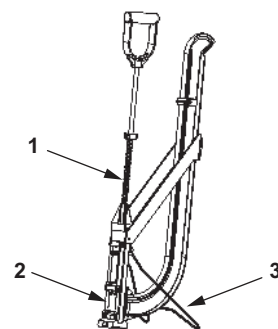


## TECEfloor – Spare parts

77610001 – TECEfloor tacking tool T8 extra

77610024 – TECEfloor standard tacking tool 6 mm

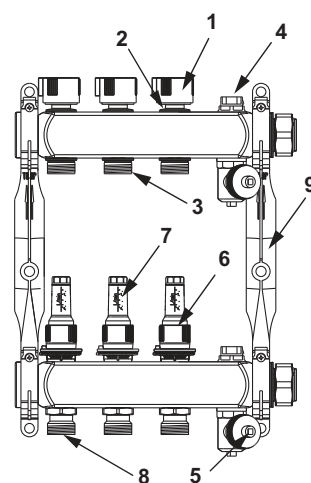
| Pos. | Order No. | Designation                          | DU 1  |
|------|-----------|--------------------------------------|-------|
| 1    | 77990054  | Coil spring for tacking tools        | 1 pc. |
| 2    | 77990055  | Inspection opening for tacking tools | 1 pc. |
| 3    | 77990056  | Stand for tacking tools              | 1 pc. |



TECEfloor stainless steel heating circuit manifold with flow rate indicator

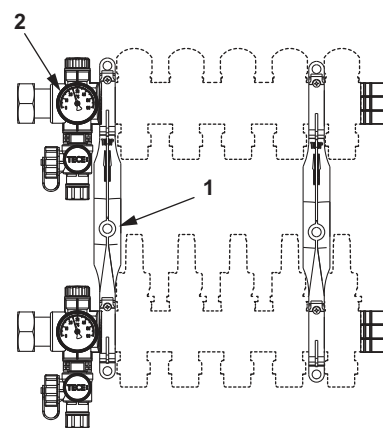
TECEfloor stainless steel heating circuit manifold type TECElogo-Push with flow rate indicator

| Pos. | Order No. | Designation                              | DU 1  |
|------|-----------|------------------------------------------|-------|
| 1    | 77990062  | Return valve manual cap                  | 1 pc. |
| 2    | 77990052  | Return valve                             | 1 pc. |
| 3    | 77990072  | Pipe connector return                    | 5 pc. |
| 4    | 77990061  | Vent G 1/2" for manifold                 | 1 pc. |
| 5    | 77990060  | Filling/emptying valve 1/2" for manifold | 1 pc. |
| 6    | 77990051  | Flow valve with flow rate indicator      | 1 pc. |
| 7    | 77990070  | Inspection glass flow meter              | 5 pc. |
| 8    | 77990071  | Pipe connector flow                      | 5 pc. |
| 9    | 77990053  | Manifold holder set                      | 1 pc. |



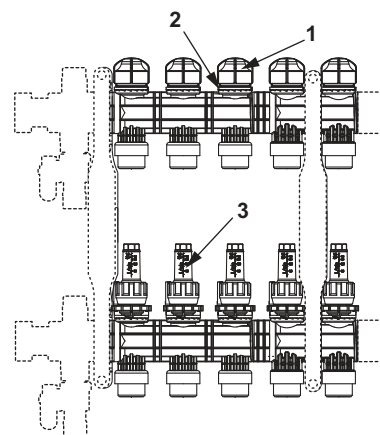
77390010 – TECEfloor plastic heating circuit manifold basic module

| Pos. | Order No. | Designation                             | DU 1  |
|------|-----------|-----------------------------------------|-------|
| 1    | 77990053  | Manifold holder set                     | 1 pc. |
| 2    | 77990038  | Push-in thermometer for control station | 1 pc. |



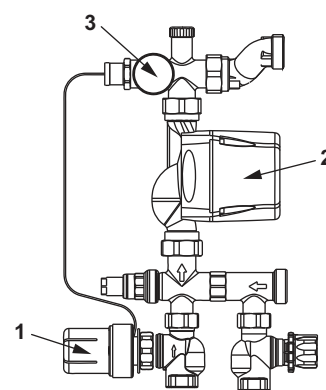
## TECEfloor plastic heating circuit manifold connection module with flow rate indicator

| Pos. | Order No. | Designation                                              | DU 1  |
|------|-----------|----------------------------------------------------------|-------|
| 1    | 77990062  | Return valve manual cap                                  | 1 pc. |
| 2    | 77990017  | Valve insert for plastic heating circuit manifold        | 1 pc. |
| 3    | 77990016  | Flow rate indicator for plastic heating circuit manifold | 1 pc. |



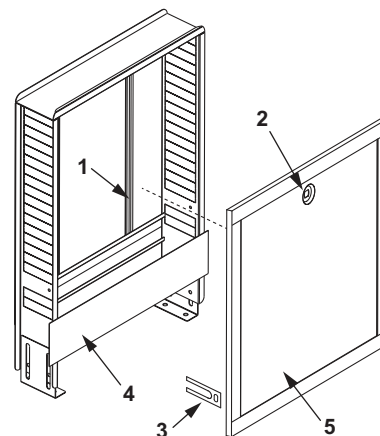
## 77450000 – TECEfloor fixed value control 20-55 °C

| Pos. | Order No. | Designation                                                    | DU 1  |
|------|-----------|----------------------------------------------------------------|-------|
| 1    | 77990036  | Thermostat head with remote sensor for fixed value control     | 1 pc. |
| 2    | 77990037  | Circulating pump ES 15-60/130 mm for control station with pump | 1 pc. |
| 3    | 77990038  | Push-in thermometer for control station                        | 1 pc. |



## TECEfloor manifold housing 110 - flush-mounted

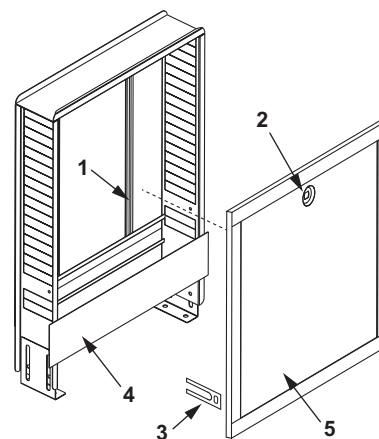
| Pos. | Order No. | Designation                                 | DU 1  |
|------|-----------|---------------------------------------------|-------|
| 1    | 77990040  | Manifold mounting for concealed housing     | 1 pc. |
| 2    | 77990012  | Turning lock for manifold housing door      | 1 pc. |
| 3    | 77990043  | Insert tab for concealed housing trim       | 1 pc. |
| 4    | 77990020  | Screed panel for flush-mounted housing 400  | 1 pc. |
|      | 77990021  | Screed panel for flush-mounted housing 540  | 1 pc. |
|      | 77990022  | Screed panel for flush-mounted housing 690  | 1 pc. |
|      | 77990023  | Screed panel for flush-mounted housing 840  | 1 pc. |
|      | 77990024  | Screed panel for flush-mounted housing 990  | 1 pc. |
|      | 77990025  | Screed panel for flush-mounted housing 1140 | 1 pc. |
| 5    | 77990026  | Frame/door for flush-mounted housing 400    | 1 pc. |
|      | 77990027  | Frame/door for flush-mounted housing 540    | 1 pc. |
|      | 77990028  | Frame/door for flush-mounted housing 690    | 1 pc. |
|      | 77990029  | Frame/door for flush-mounted housing 840    | 1 pc. |
|      | 77990030  | Frame/door for flush-mounted housing 990    | 1 pc. |
|      | 77990031  | Frame/door for flush-mounted housing 1140   | 1 pc. |



# TECEfloor – Spare parts

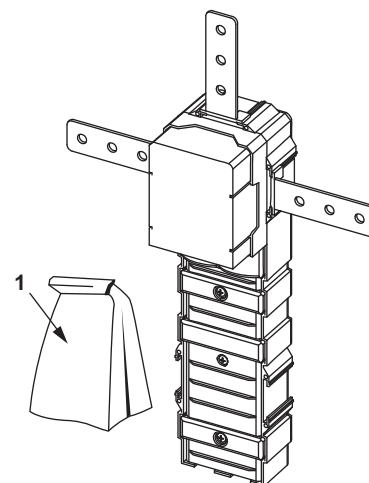
## TECEfloor manifold housing 80 - flush-mounted

| Pos. | Order No. | Designation                                 | DU 1  |
|------|-----------|---------------------------------------------|-------|
| 1    | 77990040  | Manifold mounting for concealed housing     | 1 pc. |
| 2    | 77990012  | Turning lock for manifold housing door      | 1 pc. |
| 3    | 77990043  | Insert tab for concealed housing trim       | 1 pc. |
| 4    | 77990020  | Screed panel for flush-mounted housing 400  | 1 pc. |
|      | 77990021  | Screed panel for flush-mounted housing 540  | 1 pc. |
|      | 77990022  | Screed panel for flush-mounted housing 690  | 1 pc. |
|      | 77990023  | Screed panel for flush-mounted housing 840  | 1 pc. |
|      | 77990024  | Screed panel for flush-mounted housing 990  | 1 pc. |
|      | 77990025  | Screed panel for flush-mounted housing 1140 | 1 pc. |
| 5    | 77990026  | Frame/door for flush-mounted housing 400    | 1 pc. |
|      | 77990027  | Frame/door for flush-mounted housing 540    | 1 pc. |
|      | 77990028  | Frame/door for flush-mounted housing 690    | 1 pc. |
|      | 77990029  | Frame/door for flush-mounted housing 840    | 1 pc. |
|      | 77990030  | Frame/door for flush-mounted housing 990    | 1 pc. |
|      | 77990031  | Frame/door for flush-mounted housing 1140   | 1 pc. |



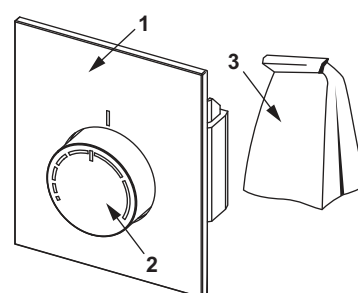
## TECEfloor design RTL box shell set

| Pos. | Order No. | Designation                      | DU 1  |
|------|-----------|----------------------------------|-------|
| 1    | 77990064  | Accessory pack RTL box shell set | 1 pc. |



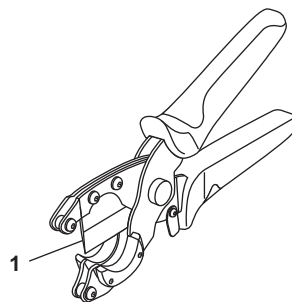
## Design RTL box fine installation set

| Pos. | Order No. | Designation                                  | DU 1  |
|------|-----------|----------------------------------------------|-------|
| 1    | 77990067  | Glass plate RTL box, black                   | 1 pc. |
|      | 77990068  | Glass plate RTL box, white                   | 1 pc. |
| 2    | 77990066  | Control button RTL box, aluminium            | 1 pc. |
| 3    | 77990065  | Accessory pack RTL box fine installation set | 1 pc. |



## 8760002 – TECE pipe scissors

| Pos. | Order No. | Designation                 | DU 1  |
|------|-----------|-----------------------------|-------|
| 1    | 8760003   | Spare blade for pipe cutter | 1 pc. |







| Order No. |      | DU 1 | DU 2 | DU 3 | Page    |
|-----------|------|------|------|------|---------|
| 700002    | -    | 1    | -    | -    | 44      |
| 700003    | -    | 1    | -    | -    | 43      |
| 700004    | -    | 1    | -    | -    | 43      |
| 700516    | -    | 50   | 500  | 1000 | 13      |
| 700520    | -    | 50   | 500  | 1000 | 13      |
| 700525    | -    | 50   | 350  | -    | 13      |
| 702016    | -    | 120  | 1200 | 2400 | 13      |
| 702020    | -    | 75   | 750  | 1500 | 13      |
| 702025    | -    | 75   | 525  | 1050 | 13      |
| 703316    | -    | 200  | 1200 | 2400 | 12      |
| 703320    | SALE | 200  | 800  | 1600 | 12      |
| 703416    | -    | 600  | 3600 | -    | 12      |
| 703420    | SALE | 600  | 2400 | -    | 12      |
| 704016    | -    | 50   | 500  | -    | 14      |
| 704020    | -    | 50   | 500  | -    | 14      |
| 704025    | -    | 50   | 150  | -    | 14      |
| 704516    | -    | 200  | 1200 | 2400 | 12      |
| 704520    | -    | 120  | 840  | 1680 | 12      |
| 704616    | -    | 75   | 675  | 1350 | 12      |
| 704620    | -    | 75   | 450  | 900  | 12      |
| 704801    | -    | 10   | -    | -    | 25, 86  |
| 704802    | -    | 6    | -    | -    | 25, 86  |
| 704803    | -    | 10   | -    | -    | 25, 86  |
| 704805    | -    | 1    | -    | -    | 25, 86  |
| 704808    | -    | 10   | 500  | -    | 45, 104 |
| 705102    | -    | 10   | 100  | -    | 15, 43  |
| 705103    | -    | 10   | 100  | -    | 15      |
| 705104    | -    | 10   | 100  | -    | 15      |
| 705105    | -    | 10   | 100  | -    | 15      |
| 705106    | -    | 5    | 20   | -    | 15      |
| 705107    | -    | 5    | 20   | -    | 15      |
| 705108    | -    | 2    | 20   | -    | 15      |
| 705109    | -    | 2    | 10   | -    | 15      |
| 705110    | -    | 1    | 5    | -    | 15      |
| 705601    | -    | 10   | 100  | -    | 15, 43  |
| 705602    | -    | 10   | 100  | -    | 15      |
| 705603    | -    | 10   | 100  | -    | 15      |
| 705604    | -    | 10   | 100  | -    | 15      |
| 705605    | -    | 10   | 50   | -    | 15      |
| 705606    | -    | 10   | 50   | -    | 15      |
| 705607    | -    | 5    | 50   | -    | 15      |
| 705608    | -    | 5    | 50   | -    | 15      |
| 705609    | -    | 2    | 20   | -    | 15      |
| 705610    | -    | 2    | 10   | -    | 15      |
| 705611    | -    | 1    | 5    | -    | 15      |
| 706216    | -    | 10   | 100  | -    | 16      |
| 706220    | -    | 10   | 100  | -    | 16      |
| 706225    | -    | 10   | 50   | -    | 16      |
| 706232    | -    | 5    | 50   | -    | 16      |
| 706240    | -    | 2    | 20   | -    | 16      |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 706250    | - | 2    | 10   | -    | 16     |
| 706263    | - | 1    | 5    | -    | 16     |
| 706603    | - | 10   | 100  | -    | 16     |
| 706604    | - | 10   | 50   | -    | 16     |
| 706605    | - | 10   | 50   | -    | 16     |
| 706606    | - | 5    | 30   | -    | 16     |
| 706607    | - | 5    | 30   | -    | 16     |
| 706608    | - | 2    | 20   | -    | 16     |
| 706609    | - | 2    | 10   | -    | 16     |
| 706610    | - | 1    | 5    | -    | 16     |
| 707165    | - | 2    | 10   | -    | 17     |
| 707166    | - | 1    | 5    | -    | 17     |
| 707167    | - | 10   | 40   | -    | 17     |
| 707168    | - | 5    | 20   | -    | 17     |
| 707169    | - | 2    | 20   | -    | 17     |
| 707316    | - | 10   | 200  | -    | 17     |
| 707320    | - | 10   | 100  | -    | 17     |
| 707325    | - | 10   | 40   | -    | 17     |
| 707332    | - | 5    | 40   | -    | 17     |
| 707340    | - | 2    | 20   | -    | 17     |
| 707350    | - | 2    | 10   | -    | 17     |
| 707363    | - | 1    | 5    | -    | 17     |
| 707801    | - | 10   | 80   | -    | 18     |
| 707802    | - | 10   | 80   | -    | 18     |
| 707803    | - | 10   | 60   | -    | 18     |
| 707804    | - | 10   | 50   | -    | 18     |
| 707805    | - | 10   | 50   | -    | 18     |
| 707806    | - | 10   | 20   | -    | 18     |
| 708100    | - | 10   | 150  | -    | 18     |
| 708101    | - | 10   | 150  | -    | 17     |
| 708102    | - | 10   | 150  | -    | 17     |
| 708103    | - | 10   | 50   | -    | 17     |
| 708104    | - | 10   | 40   | -    | 17     |
| 708105    | - | 5    | 20   | -    | 17     |
| 708106    | - | 2    | 10   | -    | 17     |
| 708107    | - | 2    | 10   | -    | 17     |
| 708606    | - | 10   | 30   | -    | 21     |
| 708607    | - | 10   | 30   | -    | 21     |
| 708608    | - | 10   | 30   | -    | 21     |
| 708610    | - | 10   | 100  | -    | 20, 43 |
| 708611    | - | 10   | 50   | -    | 20     |
| 708612    | - | 10   | 30   | -    | 20     |
| 708613    | - | 10   | 20   | -    | 20     |
| 708614    | - | 10   | 20   | -    | 21     |
| 708625    | - | 10   | 30   | -    | 21     |
| 708626    | - | 10   | 30   | -    | 21     |
| 708705    | - | 10   | 20   | -    | 21     |
| 708706    | - | 10   | 40   | -    | 22     |
| 709801    | - | 10   | 60   | -    | 18     |
| 709802    | - | 10   | 40   | -    | 18     |

## Article quick search

| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 709803    | - | 10   | 30   | -    | 18     |
| 709804    | - | 10   | 20   | -    | 18     |
| 709805    | - | 5    | 20   | -    | 18     |
| 709806    | - | 1    | 10   | -    | 18     |
| 709807    | - | 1    | 10   | -    | 18     |
| 709808    | - | 1    | 5    | -    | 18     |
| 710116    | - | 10   | 150  | -    | 19     |
| 710120    | - | 10   | 80   | -    | 19     |
| 710125    | - | 10   | 40   | -    | 19     |
| 710132    | - | 5    | 20   | -    | 19     |
| 710140    | - | 2    | 10   | -    | 19     |
| 710150    | - | 1    | 5    | -    | 19     |
| 710163    | - | 1    | 5    | -    | 19     |
| 710601    | - | 10   | 50   | -    | 19     |
| 710602    | - | 10   | 50   | -    | 19     |
| 710603    | - | 10   | 100  | -    | 19     |
| 710604    | - | 10   | 100  | -    | 19     |
| 710605    | - | 10   | 40   | -    | 19     |
| 710606    | - | 10   | 30   | -    | 19     |
| 710607    | - | 10   | 30   | -    | 19     |
| 710608    | - | 10   | 20   | -    | 19     |
| 710609    | - | 10   | 40   | -    | 19     |
| 710610    | - | 5    | 40   | -    | 19     |
| 710611    | - | 5    | 30   | -    | 19     |
| 710612    | - | 5    | 30   | -    | 19     |
| 710613    | - | 5    | 30   | -    | 19     |
| 710614    | - | 2    | 20   | -    | 19     |
| 710615    | - | 2    | 20   | -    | 19     |
| 710616    | - | 2    | 8    | -    | 19     |
| 710617    | - | 2    | 20   | -    | 19     |
| 710618    | - | 1    | 5    | -    | 19     |
| 710619    | - | 1    | 5    | -    | 19     |
| 710620    | - | 1    | 5    | -    | 19     |
| 710621    | - | 1    | 5    | -    | 19     |
| 710622    | - | 1    | 5    | -    | 19     |
| 710623    | - | 1    | 5    | -    | 19     |
| 712201    | - | 1    | 12   | -    | 34     |
| 712202    | - | 1    | 12   | -    | 34     |
| 712540    | - | 1    | -    | -    | 33, 94 |
| 712541    | - | 1    | -    | -    | 33, 94 |
| 712542    | - | 1    | -    | -    | 33, 94 |
| 712543    | - | 1    | -    | -    | 33, 94 |
| 712544    | - | 1    | -    | -    | 33, 94 |
| 712545    | - | 1    | -    | -    | 33, 94 |
| 712546    | - | 1    | -    | -    | 33, 94 |
| 712547    | - | 1    | -    | -    | 33, 94 |
| 712548    | - | 1    | -    | -    | 33, 94 |
| 712549    | - | 1    | -    | -    | 33, 94 |
| 712550    | - | 1    | -    | -    | 33, 94 |
| 712551    | - | 1    | -    | -    | 34, 95 |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 712552    | - | 1    | -    | -    | 34, 95 |
| 712553    | - | 1    | -    | -    | 34, 95 |
| 712554    | - | 1    | -    | -    | 34, 95 |
| 712555    | - | 1    | -    | -    | 34, 95 |
| 712556    | - | 1    | -    | -    | 34, 95 |
| 712557    | - | 1    | -    | -    | 34, 95 |
| 712558    | - | 1    | -    | -    | 34, 95 |
| 712559    | - | 1    | -    | -    | 34, 95 |
| 712560    | - | 1    | -    | -    | 34, 95 |
| 712561    | - | 1    | -    | -    | 34, 95 |
| 712562    | - | 1    | -    | -    | 34, 95 |
| 713014    | - | 10   | 100  | -    | 30     |
| 713020    | - | 10   | 100  | -    | 30     |
| 713314    | - | 10   | 100  | -    | 30     |
| 713316    | - | 10   | 100  | -    | 30     |
| 713320    | - | 10   | 100  | -    | 30     |
| 713516    | - | 10   | 100  | -    | 30     |
| 713805    | - | 10   | 100  | -    | 31     |
| 713806    | - | 10   | 100  | -    | 31     |
| 713816    | - | 5    | 100  | -    | 22     |
| 713820    | - | 5    | 40   | -    | 22     |
| 713914    | - | 10   | 150  | -    | 22     |
| 713916    | - | 10   | 150  | -    | 22     |
| 713920    | - | 10   | 100  | -    | 22     |
| 713925    | - | 10   | 50   | -    | 22     |
| 713932    | - | 5    | 40   | -    | 22     |
| 714014    | - | 10   | 50   | -    | 27     |
| 714016    | - | 10   | 50   | -    | 27     |
| 714020    | - | 10   | 50   | -    | 27     |
| 714516    | - | 6    | 60   | -    | 27     |
| 714901    | - | 1    | 10   | -    | 27     |
| 714905    | - | 1    | 10   | -    | 27     |
| 714907    | - | 1    | 5    | -    | 28     |
| 715016    | - | 10   | 60   | -    | 27     |
| 715020    | - | 10   | 50   | -    | 27     |
| 716116    | - | 1    | 5    | -    | 28     |
| 716316    | - | 10   | 150  | -    | 22     |
| 716320    | - | 10   | 100  | -    | 22     |
| 716321    | - | 10   | 100  | -    | 22     |
| 716325    | - | 10   | 50   | -    | 22     |
| 716332    | - | 10   | 50   | -    | 22     |
| 717501    | - | 10   | 150  | -    | 28, 90 |
| 717601    | - | 10   | 100  | -    | 20     |
| 717602    | - | 10   | 100  | -    | 20     |
| 717603    | - | 5    | 100  | -    | 20     |
| 717604    | - | 5    | 50   | -    | 20     |
| 717605    | - | 5    | 50   | -    | 20     |
| 717606    | - | 5    | 30   | -    | 20     |
| 717607    | - | 1    | 25   | -    | 20     |
| 717608    | - | 1    | 15   | -    | 20     |



| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 718017    | - | 10   | 40   | -    | 23, 85 |
| 718020    | - | 1    | 10   | -    | 28     |
| 718022    | - | 10   | 40   | -    | 23, 85 |
| 718024    | - | 10   | 40   | -    | 23, 85 |
| 718026    | - | 10   | 100  | -    | 24, 85 |
| 718501    | - | 1    | 10   | -    | 28     |
| 718502    | - | 1    | 10   | -    | 28     |
| 718503    | - | 1    | 10   | -    | 28     |
| 720005    | - | 1    | -    | -    | 42     |
| 720040    | - | 10   | 100  | -    | 45     |
| 720041    | - | 1    | 10   | -    | 45, 47 |
| 720042    | - | 1    | 10   | -    | 45, 47 |
| 720043    | - | 1    | 10   | -    | 45, 47 |
| 720045    | - | 1    | 10   | -    | 45, 47 |
| 720046    | - | 1    | 10   | -    | 45, 47 |
| 720048    | - | 1    | -    | -    | 46     |
| 720050    | - | 1    | -    | -    | 39     |
| 720056    | - | 1    | -    | -    | 39     |
| 720060    | - | 1    | -    | -    | 46     |
| 720061    | - | 1    | 10   | -    | 46     |
| 720062    | - | 1    | 10   | -    | 46     |
| 720063    | - | 1    | 10   | -    | 46     |
| 720064    | - | 1    | 50   | -    | 46     |
| 720066    | - | 1    | -    | -    | 46     |
| 720067    | - | 1    | -    | -    | 46     |
| 720069    | - | 1    | -    | -    | 46     |
| 720072    | - | 1    | -    | -    | 46     |
| 720079    | - | 1    | 10   | -    | 46     |
| 720090    | - | 1    | -    | -    | 42     |
| 720091    | - | 1    | -    | -    | 46     |
| 720093    | - | 1    | -    | -    | 42     |
| 720095    | - | 1    | -    | -    | 45     |
| 720096    | - | 1    | -    | -    | 46     |
| 720097    | - | 1    | -    | -    | 46     |
| 720102    | - | 1    | -    | -    | 46     |
| 720110    | - | 1    | -    | -    | 46     |
| 720115    | - | 1    | -    | -    | 46     |
| 720128    | - | 1    | -    | -    | 41     |
| 720150    | - | 1    | -    | -    | 46     |
| 720153    | - | 1    | -    | -    | 46     |
| 720156    | - | 1    | -    | -    | 46     |
| 720157    | - | 1    | -    | -    | 46     |
| 720158    | - | 1    | -    | -    | 46     |
| 720160    | - | 1    | -    | -    | 46     |
| 720161    | - | 1    | -    | -    | 46     |
| 720162    | - | 1    | -    | -    | 46     |
| 720165    | - | 1    | -    | -    | 46     |
| 720166    | - | 1    | -    | -    | 46     |
| 720168    | - | 1    | -    | -    | 46     |
| 720169    | - | 1    | -    | -    | 46     |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page         |
|-----------|---|------|------|------|--------------|
| 720170    | - | 1    | -    | -    | 41           |
| 720172    | - | 1    | -    | -    | 40           |
| 720173    | - | 1    | -    | -    | 40           |
| 720174    | - | 1    | -    | -    | 40           |
| 720175    | - | 1    | -    | -    | 47           |
| 720179    | - | 1    | -    | -    | 47           |
| 720193    | - | 1    | -    | -    | 42, 101, 161 |
| 720194    | - | 1    | -    | -    | 42, 101      |
| 720202    | - | 1    | -    | -    | 45, 46       |
| 720203    | - | 1    | -    | -    | 39           |
| 720204    | - | 1    | -    | -    | 39           |
| 720205    | - | 1    | -    | -    | 47           |
| 720206    | - | 1    | -    | -    | 47           |
| 720207    | - | 1    | -    | -    | 47           |
| 720208    | - | 1    | -    | -    | 47           |
| 720209    | - | 1    | -    | -    | 47           |
| 720210    | - | 1    | -    | -    | 47           |
| 720211    | - | 1    | -    | -    | 47           |
| 720212    | - | 1    | -    | -    | 47           |
| 720213    | - | 1    | -    | -    | 48           |
| 720214    | - | 1    | -    | -    | 48           |
| 720215    | - | 1    | -    | -    | 48           |
| 720216    | - | 1    | -    | -    | 48           |
| 720217    | - | 1    | -    | -    | 48           |
| 720218    | - | 1    | -    | -    | 48           |
| 720219    | - | 1    | -    | -    | 48           |
| 720220    | - | 1    | -    | -    | 48           |
| 720221    | - | 1    | -    | -    | 48           |
| 720222    | - | 1    | -    | -    | 41, 100      |
| 720223    | - | 1    | -    | -    | 41, 100      |
| 720524    | - | 100  | 3000 | -    | 26, 87       |
| 720527    | - | 10   | 80   | -    | 26, 87       |
| 720528    | - | 5    | 20   | -    | 26, 87       |
| 720550    | - | 5    | 25   | -    | 24           |
| 720560    | - | 1    | 10   | -    | 23           |
| 720562    | - | 1    | 10   | -    | 23           |
| 720565    | - | 1    | 10   | -    | 23           |
| 720566    | - | 1    | 10   | -    | 23           |
| 720580    | - | 1    | 10   | -    | 37           |
| 720581    | - | 1    | 10   | -    | 37           |
| 720582    | - | 1    | 10   | -    | 37           |
| 720583    | - | 1    | 10   | -    | 37           |
| 720584    | - | 1    | 10   | -    | 38           |
| 720590    | - | 10   | 100  | -    | 20           |
| 720591    | - | 10   | 150  | -    | 19           |
| 720592    | - | 10   | 100  | -    | 19           |
| 720593    | - | 10   | 200  | -    | 17           |
| 720594    | - | 10   | 100  | -    | 16           |
| 720595    | - | 10   | 100  | -    | 16           |
| 730010    | - | 1    | 25   | -    | 27, 90       |

## Article quick search

| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 730025    | - | 1    | 20   | -    | 28, 90 |
| 730110    | - | 1    | 10   | -    | 30     |
| 730115    | - | 1    | 10   | -    | 30     |
| 730120    | - | 1    | 10   | -    | 30     |
| 730125    | - | 1    | 10   | -    | 30     |
| 730130    | - | 1    | 10   | -    | 30     |
| 730135    | - | 1    | 10   | -    | 30     |
| 730504    | - | 10   | 50   | -    | 19     |
| 730508    | - | 10   | 50   | -    | 19     |
| 730509    | - | 10   | 100  | -    | 19     |
| 730511    | - | 10   | 100  | -    | 19     |
| 730514    | - | 10   | 30   | -    | 19     |
| 730515    | - | 10   | 20   | -    | 19     |
| 730516    | - | 10   | 40   | -    | 19     |
| 730519    | - | 5    | 30   | -    | 19     |
| 730520    | - | 5    | 30   | -    | 19     |
| 730521    | - | 10   | 40   | -    | 19     |
| 730522    | - | 10   | 30   | -    | 19     |
| 730523    | - | 5    | 30   | -    | 19     |
| 730524    | - | 2    | 8    | -    | 19     |
| 730525    | - | 2    | 20   | -    | 19     |
| 730533    | - | 2    | 20   | -    | 19     |
| 730536    | - | 2    | 20   | -    | 19     |
| 730537    | - | 5    | 40   | -    | 19     |
| 730544    | - | 10   | 40   | -    | 19     |
| 730616    | - | 10   | 200  | -    | 20     |
| 730620    | - | 10   | 200  | -    | 20     |
| 730916    | - | 10   | 150  | -    | 19, 43 |
| 730920    | - | 10   | 80   | -    | 19     |
| 730925    | - | 10   | 40   | -    | 19     |
| 730932    | - | 5    | 20   | -    | 19     |
| 730940    | - | 2    | 10   | -    | 19     |
| 731014    | - | 75   | 525  | 1050 | 8      |
| 731016    | - | 75   | 525  | 1050 | 8      |
| 731020    | - | 50   | 350  | 700  | 8      |
| 731025    | - | 25   | 175  | 350  | 8      |
| 731116    | - | 75   | 300  | 600  | 9      |
| 731120    | - | 75   | 300  | 600  | 9      |
| 731125    | - | 50   | 200  | 400  | 9      |
| 731316    | - | 75   | 300  | 600  | 9      |
| 731320    | - | 75   | 300  | 600  | 9      |
| 731325    | - | 50   | 200  | 400  | 9      |
| 731616    | - | 75   | 225  | 450  | 10     |
| 731620    | - | 75   | 225  | 450  | 10     |
| 731625    | - | 50   | 150  | 300  | 10     |
| 731916    | - | 50   | 150  | 300  | 10     |
| 731920    | - | 50   | 150  | 300  | 10     |
| 731925    | - | 25   | 100  | 200  | 10     |
| 732014    | - | 120  | 1200 | 2400 | 8      |
| 732016    | - | 100  | 1000 | 2000 | 8      |

| Order No. |   | DU 1 | DU 2 | DU 3  | Page       |
|-----------|---|------|------|-------|------------|
| 732020    | - | 100  | 700  | 1400  | 8          |
| 732025    | - | 50   | 250  | 500   | 8          |
| 732032    | - | 25   | 125  | 250   | 8          |
| 732116    | - | 75   | 225  | 450   | 10         |
| 732120    | - | 75   | 225  | 450   | 10         |
| 732125    | - | 50   | 150  | 300   | 10         |
| 732216    | - | 100  | -    | -     | 8          |
| 732220    | - | 70   | -    | -     | 8          |
| 732225    | - | 45   | -    | -     | 8          |
| 732232    | - | 30   | -    | -     | 8          |
| 732240    | - | 15   | -    | -     | 8          |
| 732250    | - | 15   | -    | -     | 8          |
| 732263    | - | 5    | -    | -     | 8          |
| 732316    | - | 100  | 1000 | 2000  | 11, 35     |
| 732320    | - | 100  | 700  | 1400  | 11, 35     |
| 732325    | - | 50   | 250  | 500   | 11, 35     |
| 732330    | - | 25   | 250  | -     | 11, 35     |
| 732331    | - | 25   | 250  | -     | 11, 35     |
| 732332    | - | 25   | 250  | -     | 11, 35     |
| 732416    | - | 100  | -    | -     | 11, 35     |
| 732420    | - | 70   | -    | -     | 11, 35     |
| 732425    | - | 45   | -    | -     | 11, 35     |
| 732432    | - | 30   | -    | -     | 11, 35     |
| 732440    | - | 15   | -    | -     | 11, 35     |
| 732450    | - | 15   | -    | -     | 11, 35     |
| 732463    | - | 5    | -    | -     | 11, 35     |
| 734514    | - | 50   | 750  | -     | 14         |
| 734516    | - | 50   | 500  | 32000 | 14, 43, 44 |
| 734520    | - | 50   | 500  | 32000 | 14         |
| 734525    | - | 50   | 250  | 16000 | 14         |
| 734532    | - | 25   | 100  | -     | 14         |
| 734540    | - | 15   | 60   | -     | 14         |
| 734550    | - | 10   | 50   | -     | 14         |
| 734563    | - | 5    | 20   | -     | 14         |
| 736016    | - | 10   | 100  | -     | 16, 43     |
| 736020    | - | 10   | 100  | -     | 16         |
| 736025    | - | 10   | 50   | -     | 16         |
| 736032    | - | 5    | 50   | -     | 16         |
| 736040    | - | 2    | 20   | -     | 16         |
| 736503    | - | 10   | 100  | -     | 16         |
| 736504    | - | 10   | 50   | -     | 16         |
| 736505    | - | 10   | 50   | -     | 16         |
| 736506    | - | 5    | 30   | -     | 16         |
| 736507    | - | 5    | 30   | -     | 16         |
| 736508    | - | 2    | 20   | -     | 16         |
| 737016    | - | 10   | 200  | -     | 16, 43     |
| 737020    | - | 10   | 100  | -     | 16         |
| 737025    | - | 10   | 40   | -     | 16         |
| 737032    | - | 5    | 40   | -     | 16         |
| 737040    | - | 2    | 20   | -     | 16         |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page       |
|-----------|---|------|------|------|------------|
| 750202    | - | 1    | 10   | -    | 36         |
| 750204    | - | 1    | 10   | -    | 36         |
| 750206    | - | 1    | 10   | -    | 36         |
| 750208    | - | 1    | 10   | -    | 36         |
| 750210    | - | 1    | 10   | -    | 36         |
| 751016    | - | 1    | 10   | -    | 32         |
| 751020    | - | 1    | 10   | -    | 32         |
| 751116    | - | 1    | 10   | -    | 32         |
| 751120    | - | 1    | 10   | -    | 32         |
| 760016    | - | 10   | 150  | -    | 19, 44     |
| 760020    | - | 10   | 80   | -    | 19         |
| 760025    | - | 10   | 40   | -    | 19         |
| 760032    | - | 5    | 20   | -    | 19         |
| 760040    | - | 2    | 10   | -    | 19         |
| 760504    | - | 10   | 50   | -    | 19         |
| 760508    | - | 10   | 50   | -    | 19         |
| 760509    | - | 10   | 100  | -    | 19         |
| 760511    | - | 10   | 100  | -    | 19         |
| 760514    | - | 10   | 30   | -    | 19         |
| 760515    | - | 10   | 20   | -    | 19         |
| 760516    | - | 10   | 40   | -    | 19         |
| 760517    | - | 5    | 30   | -    | 19         |
| 760518    | - | 5    | 40   | -    | 19         |
| 760519    | - | 5    | 30   | -    | 19         |
| 760520    | - | 5    | 30   | -    | 19         |
| 760521    | - | 10   | 40   | -    | 19         |
| 760522    | - | 10   | 30   | -    | 19         |
| 760523    | - | 5    | 30   | -    | 19         |
| 760524    | - | 2    | 8    | -    | 19         |
| 760525    | - | 2    | 20   | -    | 19         |
| 760526    | - | 1    | 5    | -    | 19         |
| 760533    | - | 2    | 20   | -    | 19         |
| 760534    | - | 1    | 5    | -    | 19         |
| 760536    | - | 2    | 20   | -    | 19         |
| 760537    | - | 5    | 40   | -    | 19         |
| 760543    | - | 2    | 20   | -    | 19         |
| 760544    | - | 10   | 40   | -    | 19         |
| 763616    | - | 10   | 100  | -    | 31         |
| 763620    | - | 10   | 100  | -    | 31         |
| 765002    | - | 10   | 100  | -    | 15, 43, 44 |
| 765003    | - | 10   | 100  | -    | 15         |
| 765004    | - | 10   | 100  | -    | 15         |
| 765007    | - | 10   | 100  | -    | 15         |
| 765008    | - | 5    | 20   | -    | 15         |
| 765009    | - | 5    | 20   | -    | 15         |
| 765010    | - | 2    | 20   | -    | 15         |
| 765116    | - | 10   | 200  | -    | 20         |
| 765120    | - | 10   | 200  | -    | 20         |
| 765130    | - | 1    | 10   | -    | 23         |
| 765502    | - | 10   | 100  | -    | 15, 43, 44 |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page   |
|-----------|---|------|------|------|--------|
| 765503    | - | 10   | 100  | -    | 15     |
| 765504    | - | 10   | 100  | -    | 15     |
| 765506    | - | 10   | 100  | -    | 15     |
| 765507    | - | 10   | 50   | -    | 15     |
| 765508    | - | 10   | 50   | -    | 15     |
| 765509    | - | 5    | 50   | -    | 15     |
| 765510    | - | 5    | 50   | -    | 15     |
| 765511    | - | 2    | 20   | -    | 15     |
| 765512    | - | 2    | 10   | -    | 15     |
| 765513    | - | 1    | 5    | -    | 15     |
| 765514    | - | 10   | 100  | -    | 15     |
| 766016    | - | 10   | 100  | -    | 16, 44 |
| 766020    | - | 10   | 100  | -    | 16     |
| 766025    | - | 10   | 50   | -    | 16     |
| 766032    | - | 5    | 50   | -    | 16     |
| 766040    | - | 2    | 20   | -    | 16     |
| 766050    | - | 2    | 10   | -    | 16     |
| 766063    | - | 1    | 5    | -    | 16     |
| 766503    | - | 10   | 100  | -    | 16     |
| 766504    | - | 10   | 50   | -    | 16     |
| 766505    | - | 10   | 50   | -    | 16     |
| 766506    | - | 5    | 30   | -    | 16     |
| 766507    | - | 5    | 30   | -    | 16     |
| 766508    | - | 2    | 20   | -    | 16     |
| 766509    | - | 2    | 10   | -    | 16     |
| 767016    | - | 10   | 200  | -    | 16, 44 |
| 767020    | - | 10   | 100  | -    | 16     |
| 767025    | - | 10   | 40   | -    | 16     |
| 767032    | - | 5    | 40   | -    | 16     |
| 767040    | - | 2    | 20   | -    | 16     |
| 767050    | - | 2    | 10   | -    | 16     |
| 767063    | - | 1    | 5    | -    | 16     |
| 767125    | - | 10   | 40   | -    | 17     |
| 767132    | - | 5    | 20   | -    | 17     |
| 767140    | - | 2    | 20   | -    | 17     |
| 767501    | - | 10   | 60   | -    | 18     |
| 767516    | - | 10   | 80   | -    | 18     |
| 767520    | - | 10   | 80   | -    | 18     |
| 767525    | - | 10   | 50   | -    | 18     |
| 767526    | - | 10   | 50   | -    | 18     |
| 767532    | - | 10   | 20   | -    | 18     |
| 767570    | - | 10   | 100  | -    | 20     |
| 767572    | - | 5    | 100  | -    | 20     |
| 767574    | - | 5    | 50   | -    | 20     |
| 767576    | - | 5    | 50   | -    | 20     |
| 767578    | - | 10   | 100  | -    | 20     |
| 767579    | - | 5    | 100  | -    | 20     |
| 768002    | - | 10   | 50   | -    | 17     |
| 768016    | - | 10   | 150  | -    | 17     |
| 768020    | - | 10   | 150  | -    | 17     |

## Article quick search

| Order No. |   | DU 1 | DU 2 | DU 3 | Page         |
|-----------|---|------|------|------|--------------|
| 768025    | - | 10   | 40   | -    | 17           |
| 768032    | - | 5    | 20   | -    | 17           |
| 768501    | - | 10   | 30   | -    | 20           |
| 768502    | - | 10   | 20   | -    | 21           |
| 768516    | - | 10   | 100  | -    | 20, 43, 44   |
| 768520    | - | 10   | 50   | -    | 20           |
| 768525    | - | 10   | 30   | -    | 20           |
| 768526    | - | 10   | 20   | -    | 20           |
| 769516    | - | 10   | 60   | -    | 18           |
| 769520    | - | 10   | 40   | -    | 18           |
| 769522    | - | 10   | 30   | -    | 18           |
| 769525    | - | 10   | 20   | -    | 18           |
| 769527    | - | 5    | 20   | -    | 18           |
| 769532    | - | 5    | 20   | -    | 18           |
| 769534    | - | 1    | 10   | -    | 18           |
| 769540    | - | 1    | 10   | -    | 18           |
| 782016    | - | 50   | 500  | -    | 11, 36       |
| 782020    | - | 50   | 350  | -    | 11, 36       |
| 782025    | - | 25   | 150  | -    | 11, 36       |
| 782032    | - | 25   | 125  | -    | 11, 35       |
| 782033    | - | 25   | 250  | -    | 11, 35       |
| 782103    | - | 75   | 525  | -    | 9            |
| 782104    | - | 75   | 525  | -    | 9            |
| 782105    | - | 50   | 350  | -    | 9            |
| 782106    | - | 50   | 350  | -    | 9            |
| 785036    | - | 100  | 2000 | -    | 38, 98       |
| 785037    | - | 100  | 2000 | -    | 38, 98       |
| 785038    | - | 50   | 1000 | -    | 38, 98       |
| 785039    | - | 50   | 1000 | -    | 38, 98       |
| 785040    | - | 50   | 1000 | -    | 38, 98       |
| 785041    | - | 25   | 250  | -    | 38, 98       |
| 7136161   | - | 10   | 100  | -    | 31           |
| 7136201   | - | 10   | 200  | -    | 31           |
| 8610002   | - | 10   | 100  | -    | 78, 102, 103 |
| 8610003   | - | 10   | 100  | -    | 78           |
| 8610004   | - | 10   | 80   | -    | 78, 103      |
| 8610005   | - | 10   | 50   | -    | 78           |
| 8610006   | - | 5    | 50   | -    | 78           |
| 8610007   | - | 1    | 20   | -    | 78           |
| 8610008   | - | 1    | 20   | -    | 78           |
| 8610009   | - | 1    | 8    | -    | 78           |
| 8610100   | - | 10   | 100  | -    | 78           |
| 8610102   | - | 10   | 100  | -    | 78, 102      |
| 8610103   | - | 10   | 100  | -    | 78           |
| 8610104   | - | 10   | 80   | -    | 78           |
| 8610105   | - | 10   | 50   | -    | 78           |
| 8610106   | - | 10   | 50   | -    | 78           |
| 8610107   | - | 10   | 50   | -    | 78           |
| 8610108   | - | 10   | 100  | -    | 93           |
| 8610109   | - | 10   | 50   | -    | 93           |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page         |
|-----------|---|------|------|------|--------------|
| 8610116   | - | 1    | 20   | -    | 78           |
| 8610117   | - | 1    | 20   | -    | 78           |
| 8610118   | - | 1    | 8    | -    | 78           |
| 8610202   | - | 10   | 100  | -    | 80           |
| 8610203   | - | 10   | 100  | -    | 80           |
| 8610204   | - | 10   | 80   | -    | 80           |
| 8610205   | - | 10   | 50   | -    | 80           |
| 8610206   | - | 1    | 20   | -    | 80           |
| 8610302   | - | 10   | 100  | -    | 80           |
| 8610303   | - | 10   | 80   | -    | 80           |
| 8610304   | - | 10   | 80   | -    | 80           |
| 8610305   | - | 10   | 50   | -    | 80           |
| 8610306   | - | 10   | 50   | -    | 80           |
| 8610312   | - | 1    | 20   | -    | 80           |
| 8610402   | - | 10   | 80   | -    | 80           |
| 8610403   | - | 10   | 50   | -    | 80           |
| 8610404   | - | 10   | 40   | -    | 80           |
| 8610406   | - | 1    | 8    | -    | 80           |
| 8610408   | - | 1    | 8    | -    | 80           |
| 8610410   | - | 1    | 4    | -    | 80           |
| 8611205   | - | 10   | 80   | -    | 92           |
| 8611210   | - | 10   | 80   | -    | 92           |
| 8611211   | - | 10   | 80   | -    | 92           |
| 8611212   | - | 10   | 80   | -    | 92           |
| 8620002   | - | 10   | 80   | -    | 82, 102, 103 |
| 8620003   | - | 10   | 60   | -    | 82           |
| 8620007   | - | 10   | 40   | -    | 83           |
| 8620008   | - | 10   | 50   | -    | 83           |
| 8620009   | - | 10   | 40   | -    | 84           |
| 8620100   | - | 1    | 5    | -    | 88           |
| 8620103   | - | 1    | 5    | -    | 88           |
| 8630002   | - | 1    | 20   | -    | 96           |
| 8630003   | - | 1    | 20   | -    | 96           |
| 8630200   | - | 5    | 80   | -    | 82           |
| 8630201   | - | 5    | 80   | -    | 82           |
| 8630202   | - | 5    | 80   | -    | 82           |
| 8630203   | - | 5    | 50   | -    | 82           |
| 8630204   | - | 5    | 50   | -    | 82           |
| 8630205   | - | 1    | 20   | -    | 82           |
| 8630207   | - | 1    | 20   | -    | 82           |
| 8640001   | - | 10   | 50   | -    | 92           |
| 8700016   | - | 100  | 1000 | 2000 | 74           |
| 8700020   | - | 100  | 700  | 1400 | 74           |
| 8700025   | - | 50   | 350  | 700  | 74           |
| 8700032   | - | 25   | 125  | -    | 74           |
| 8700116   | - | 100  | -    | -    | 74           |
| 8700120   | - | 70   | -    | -    | 74           |
| 8700125   | - | 45   | -    | -    | 74           |
| 8700132   | - | 30   | -    | -    | 74           |
| 8700140   | - | 15   | -    | -    | 74           |

| Order No. |          | DU 1 | DU 2 | DU 3 | Page    |
|-----------|----------|------|------|------|---------|
| 8700150   | -        | 15   | -    | -    | 74      |
| 8700163   | -        | 5    | -    | -    | 74      |
| 8702016   | -        | 75   | 225  | 450  | 76      |
| 8702020   | -        | 75   | 225  | 450  | 76      |
| 8702025   | -        | 50   | 150  | 300  | 76      |
| 8702116   | -        | 75   | 300  | 600  | 75      |
| 8702120   | -        | 75   | 300  | 600  | 75      |
| 8702125   | -        | 50   | 200  | 400  | 75      |
| 8702216   | -        | 50   | 150  | 300  | 76      |
| 8702220   | -        | 50   | 150  | 300  | 76      |
| 8702225   | -        | 25   | 100  | 300  | 76      |
| 8702416   | -        | 75   | 225  | 450  | 76      |
| 8702420   | -        | 75   | 225  | 450  | 76      |
| 8702425   | -        | 50   | 150  | 300  | 76      |
| 8702516   | -        | 75   | 300  | 600  | 76      |
| 8702520   | -        | 75   | 300  | 600  | 76      |
| 8702525   | -        | 50   | 200  | 400  | 76      |
| 8705016   | -        | 100  | 1000 | 2000 | 74      |
| 8705020   | -        | 100  | 700  | 1400 | 74      |
| 8705025   | -        | 50   | 350  | 700  | 74      |
| 8705116   | -        | 100  | -    | -    | 74      |
| 8705120   | -        | 70   | -    | -    | 74      |
| 8705125   | -        | 45   | -    | -    | 74      |
| 8705132   | NEW      | 30   | -    | -    | 74      |
| 8705216   | -        | 75   | 525  | 1050 | 75      |
| 8705220   | -        | 50   | 350  | 700  | 75      |
| 8705225   | -        | 25   | 175  | 350  | 75      |
| 8708116   | NEW      | 100  | 1000 | -    | 77      |
| 8708120   | NEW      | 100  | 1000 | -    | 77      |
| 8708125   | NEW      | 50   | 500  | -    | 77      |
| 8709016   | -        | 75   | 525  | 1050 | 75      |
| 8709017   | -        | 75   | 525  | 1050 | 75      |
| 8709020   | -        | 50   | 350  | 700  | 75      |
| 8709021   | -        | 50   | 350  | 700  | 75      |
| 8710102   | Drop-ped | 10   | 100  | -    | 103     |
| 8710105   | Drop-ped | 10   | 50   | -    | 103     |
| 8710516   | -        | 10   | 80   | -    | 78      |
| 8710520   | -        | 10   | 80   | -    | 78      |
| 8710525   | -        | 10   | 80   | -    | 78      |
| 8710532   | -        | 1    | 20   | -    | 78      |
| 8710540   | -        | 1    | 20   | -    | 78      |
| 8710550   | -        | 1    | 8    | -    | 78      |
| 8710563   | -        | 1    | 4    | -    | 78      |
| 8710616   | -        | 10   | 80   | -    | 79, 103 |
| 8710620   | -        | 10   | 80   | -    | 79, 103 |
| 8710625   | -        | 10   | 80   | -    | 79, 103 |
| 8710632   | -        | 1    | 20   | -    | 79      |
| 8710633   | -        | 1    | 20   | -    | 79      |
| 8710640   | -        | 1    | 20   | -    | 79      |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page         |
|-----------|---|------|------|------|--------------|
| 8710650   | - | 1    | 8    | -    | 79           |
| 8710663   | - | 1    | 4    | -    | 79           |
| 8710716   | - | 10   | 100  | -    | 79, 102, 103 |
| 8710720   | - | 10   | 50   | -    | 79, 103      |
| 8710725   | - | 10   | 40   | -    | 79, 103      |
| 8710732   | - | 1    | 20   | -    | 79           |
| 8710740   | - | 1    | 8    | -    | 79           |
| 8710750   | - | 1    | 4    | -    | 79           |
| 8710763   | - | 1    | 4    | -    | 79           |
| 8710817   | - | 10   | 50   | -    | 81           |
| 8710821   | - | 10   | 50   | -    | 81           |
| 8710916   | - | 10   | 40   | -    | 81, 102, 103 |
| 8710920   | - | 10   | 40   | -    | 81, 103      |
| 8710925   | - | 10   | 40   | -    | 81, 103      |
| 8710932   | - | 1    | 8    | -    | 81           |
| 8710940   | - | 1    | 8    | -    | 81           |
| 8710950   | - | 1    | 4    | -    | 81           |
| 8710963   | - | 1    | 4    | -    | 81           |
| 8711004   | - | 10   | 40   | -    | 81, 103      |
| 8711005   | - | 10   | 40   | -    | 81, 103      |
| 8711006   | - | 10   | 40   | -    | 81, 103      |
| 8711007   | - | 10   | 40   | -    | 81           |
| 8711008   | - | 10   | 40   | -    | 81, 103      |
| 8711009   | - | 10   | 40   | -    | 81           |
| 8711010   | - | 10   | 40   | -    | 81, 103      |
| 8711011   | - | 10   | 40   | -    | 81           |
| 8711012   | - | 1    | 8    | -    | 81           |
| 8711013   | - | 1    | 8    | -    | 81           |
| 8711014   | - | 1    | 8    | -    | 81           |
| 8711015   | - | 1    | 8    | -    | 81           |
| 8711017   | - | 1    | 8    | -    | 81           |
| 8711018   | - | 1    | 8    | -    | 81           |
| 8711019   | - | 1    | 8    | -    | 81           |
| 8711020   | - | 1    | 4    | -    | 81           |
| 8711021   | - | 1    | 4    | -    | 81           |
| 8711022   | - | 1    | 4    | -    | 81           |
| 8711023   | - | 1    | 4    | -    | 81           |
| 8711116   | - | 10   | 100  | -    | 79           |
| 8711120   | - | 10   | 50   | -    | 79           |
| 8711125   | - | 10   | 40   | -    | 79           |
| 8711206   | - | 10   | 100  | -    | 93           |
| 8711207   | - | 10   | 100  | -    | 93           |
| 8711225   | - | 10   | 40   | -    | 79           |
| 8711232   | - | 5    | 20   | -    | 79           |
| 8711240   | - | 2    | 20   | -    | 79           |
| 8711250   | - | 2    | 10   | -    | 79           |
| 8711263   | - | 1    | 5    | -    | 79           |
| 8713002   | - | 10   | 100  | -    | 78, 102      |
| 8713003   | - | 10   | 100  | -    | 78           |
| 8713004   | - | 10   | 80   | -    | 78           |

## Article quick search

| Order No. |   | DU 1 | DU 2 | DU 3 | Page    |
|-----------|---|------|------|------|---------|
| 8713005   | - | 10   | 50   | -    | 78      |
| 8713006   | - | 5    | 50   | -    | 78      |
| 8713007   | - | 1    | 20   | -    | 78      |
| 8713008   | - | 1    | 20   | -    | 78      |
| 8713009   | - | 1    | 8    | -    | 78      |
| 8713010   | - | 1    | 4    | -    | 78      |
| 8713102   | - | 10   | 100  | -    | 78, 102 |
| 8713103   | - | 10   | 100  | -    | 78      |
| 8713104   | - | 10   | 80   | -    | 78      |
| 8713105   | - | 10   | 50   | -    | 78      |
| 8713106   | - | 10   | 50   | -    | 78      |
| 8713107   | - | 10   | 50   | -    | 78      |
| 8713108   | - | 1    | 20   | -    | 78      |
| 8713109   | - | 1    | 20   | -    | 78      |
| 8713110   | - | 1    | 8    | -    | 78      |
| 8713111   | - | 1    | 4    | -    | 78      |
| 8713202   | - | 10   | 100  | -    | 80      |
| 8713203   | - | 10   | 100  | -    | 80      |
| 8713204   | - | 10   | 80   | -    | 80      |
| 8713205   | - | 10   | 50   | -    | 80      |
| 8713206   | - | 1    | 20   | -    | 80      |
| 8713302   | - | 10   | 100  | -    | 80      |
| 8713303   | - | 10   | 80   | -    | 80      |
| 8713304   | - | 10   | 80   | -    | 80      |
| 8713305   | - | 10   | 50   | -    | 80      |
| 8713306   | - | 10   | 50   | -    | 80      |
| 8713307   | - | 1    | 20   | -    | 80      |
| 8713402   | - | 10   | 80   | -    | 80      |
| 8713403   | - | 10   | 50   | -    | 80      |
| 8713404   | - | 10   | 40   | -    | 80      |
| 8713405   | - | 1    | 8    | -    | 80      |
| 8713406   | - | 1    | 8    | -    | 80      |
| 8713407   | - | 1    | 4    | -    | 80      |
| 8713408   | - | 1    | 4    | -    | 80      |
| 8723002   | - | 10   | 80   | -    | 82, 102 |
| 8723003   | - | 10   | 60   | -    | 83      |
| 8723008   | - | 10   | 50   | -    | 83      |
| 8723009   | - | 10   | 40   | -    | 84      |
| 8723011   | - | 10   | 40   | -    | 83      |
| 8723100   | - | 1    | 5    | -    | 87      |
| 8723101   | - | 1    | 5    | -    | 87      |
| 8723102   | - | 1    | 5    | -    | 87      |
| 8730006   | - | 1    | 24   | -    | 34, 95  |
| 8730007   | - | 1    | 24   | -    | 34, 95  |
| 8730008   | - | 1    | 24   | -    | 95      |
| 8730009   | - | 1    | 24   | -    | 95      |
| 8730028   | - | 1    | 50   | -    | 84      |
| 8730032   | - | 10   | 200  | -    | 84      |
| 8730100   | - | 10   | 100  | -    | 82      |
| 8730101   | - | 10   | 100  | -    | 82      |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page         |
|-----------|---|------|------|------|--------------|
| 8730102   | - | 10   | 50   | -    | 82           |
| 8730215   | - | 5    | 80   | -    | 82           |
| 8730216   | - | 5    | 80   | -    | 82           |
| 8733002   | - | 1    | 20   | -    | 96           |
| 8733003   | - | 1    | 20   | -    | 96           |
| 8733201   | - | 5    | 80   | -    | 82           |
| 8733202   | - | 5    | 80   | -    | 82           |
| 8733203   | - | 5    | 50   | -    | 82           |
| 8733204   | - | 5    | 50   | -    | 82           |
| 8733205   | - | 1    | 20   | -    | 82           |
| 8740100   | - | 1    | -    | -    | 89           |
| 8740101   | - | 1    | 10   | -    | 89           |
| 8740102   | - | 1    | 10   | -    | 89           |
| 8740103   | - | 1    | 10   | -    | 89           |
| 8740216   | - | 10   | 200  | -    | 92           |
| 8740220   | - | 10   | 200  | -    | 92           |
| 8740401   | - | 10   | 50   | -    | 89           |
| 8740402   | - | 10   | 50   | -    | 89           |
| 8740403   | - | 10   | 40   | -    | 89           |
| 8740404   | - | 10   | 40   | -    | 89           |
| 8740405   | - | 1    | 5    | -    | 89           |
| 8740406   | - | 1    | 5    | -    | 90           |
| 8740421   | - | 1    | 10   | -    | 92           |
| 8740422   | - | 1    | 10   | -    | 92           |
| 8740423   | - | 1    | 10   | -    | 92           |
| 8740424   | - | 1    | 10   | -    | 92           |
| 8740430   | - | 1    | 15   | -    | 29, 90       |
| 8740431   | - | 1    | 20   | -    | 29, 90       |
| 8740432   | - | 1    | 20   | -    | 29, 91       |
| 8740433   | - | 1    | 20   | -    | 29, 91       |
| 8740434   | - | 1    | 20   | -    | 29, 91       |
| 8740435   | - | 1    | 10   | -    | 29, 91       |
| 8740436   | - | 1    | 10   | -    | 29, 91       |
| 8740437   | - | 1    | 10   | -    | 30, 91       |
| 8740438   | - | 1    | 10   | -    | 30, 91       |
| 8740439   | - | 1    | 100  | -    | 31, 92       |
| 8740440   | - | 10   | -    | -    | 31, 93       |
| 8740550   | - | 1    | 5    | -    | 92           |
| 8760000   | - | 1    | -    | -    | 99, 102      |
| 8760001   | - | 1    | -    | -    | 99, 103      |
| 8760002   | - | 1    | -    | -    | 99, 102, 160 |
| 8760003   | - | 1    | -    | -    | 104, 165     |
| 8760005   | - | 1    | -    | -    | 99           |
| 8760006   | - | 1    | -    | -    | 101          |
| 8760007   | - | 1    | -    | -    | 99           |
| 8760008   | - | 1    | -    | -    | 42, 101      |
| 8760009   | - | 1    | -    | -    | 48, 105      |
| 8760010   | - | 1    | -    | -    | 99           |
| 8760011   | - | 1    | -    | -    | 100          |
| 8760016   | - | 1    | -    | -    | 99, 102      |

| Order No. |     | DU 1 | DU 2 | DU 3 | Page     |
|-----------|-----|------|------|------|----------|
| 8760020   | -   | 1    | -    | -    | 99       |
| 8760025   | -   | 1    | -    | -    | 99       |
| 8760032   | -   | 1    | -    | -    | 99       |
| 8760040   | -   | 1    | -    | -    | 99       |
| 8760050   | -   | 1    | -    | -    | 99       |
| 8760063   | -   | 1    | -    | -    | 99       |
| 8760103   | -   | 1    | -    | -    | 99, 102  |
| 8760125   | -   | 1    | -    | -    | 100      |
| 8760132   | -   | 1    | -    | -    | 100      |
| 8760140   | -   | 1    | -    | -    | 100      |
| 8760150   | -   | 1    | -    | -    | 100      |
| 8760163   | -   | 1    | -    | -    | 100      |
| 8760216   | -   | 1    | -    | -    | 101      |
| 8760220   | -   | 1    | -    | -    | 101      |
| 8760225   | -   | 1    | -    | -    | 101      |
| 8760316   | -   | 1    | -    | -    | 101      |
| 8760320   | -   | 1    | -    | -    | 101      |
| 8760325   | -   | 1    | -    | -    | 101      |
| 8760416   | -   | 1    | -    | -    | 100, 102 |
| 8760420   | -   | 1    | -    | -    | 100      |
| 8760425   | -   | 1    | -    | -    | 100      |
| 8760432   | -   | 1    | -    | -    | 100      |
| 8760440   | -   | 1    | -    | -    | 100      |
| 8760450   | -   | 1    | -    | -    | 100      |
| 8760463   | -   | 1    | -    | -    | 100      |
| 8780000   | -   | 1    | -    | -    | 45, 104  |
| 8780016   | -   | 1    | 10   | -    | 97       |
| 8780020   | -   | 1    | 10   | -    | 97       |
| 8780100   | -   | 1    | -    | -    | 45, 104  |
| 8780116   | -   | 1    | 10   | -    | 97       |
| 8780120   | -   | 1    | 10   | -    | 97       |
| 8780200   | -   | 1    | 20   | -    | 32, 97   |
| 8790001   | -   | 1    | -    | -    | 102      |
| 8790002   | -   | 1    | -    | -    | 103      |
| 8790003   | -   | 1    | -    | -    | 102      |
| 8790116   | -   | 10   | -    | -    | 104, 105 |
| 8790120   | -   | 10   | -    | -    | 104, 105 |
| 8790125   | -   | 10   | -    | -    | 105      |
| 8790132   | -   | 10   | -    | -    | 105      |
| 8790140   | -   | 10   | -    | -    | 105      |
| 8790150   | -   | 10   | -    | -    | 105      |
| 8790163   | -   | 10   | -    | -    | 105      |
| 8790201   | -   | 10   | 100  | -    | 104      |
| 8790202   | -   | 10   | 100  | -    | 104      |
| 77111220  | -   | 200  | 2000 | -    | 128      |
| 77111630  | -   | 300  | 1200 | 2400 | 128      |
| 77111660  | -   | 600  | 1200 | 2400 | 128      |
| 77111730  | NEW | 300  | 1200 | 2400 | 128      |
| 77111756  | NEW | 560  | 1120 | 2240 | 128      |
| 77112030  | -   | 300  | 900  | 1800 | 128      |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page |
|-----------|---|------|------|------|------|
| 77112060  | - | 600  | 2400 | -    | 128  |
| 77112540  | - | 400  | 2000 | -    | 128  |
| 77121430  | - | 300  | 1800 | 3600 | 129  |
| 77121460  | - | 600  | 1800 | 3600 | 129  |
| 77121612  | - | 120  | 1200 | 2400 | 129  |
| 77121630  | - | 300  | 1500 | 3000 | 129  |
| 77121660  | - | 600  | 1200 | 2400 | 129  |
| 77121712  | - | 120  | 840  | 1680 | 129  |
| 77121730  | - | 300  | 1200 | 2400 | 129  |
| 77121756  | - | 560  | 1120 | 2240 | 129  |
| 77122030  | - | 300  | 900  | 1800 | 129  |
| 77122060  | - | 600  | 2400 | -    | 129  |
| 77131612  | - | 120  | 1200 | 2400 | 129  |
| 77131630  | - | 300  | 1500 | 3000 | 129  |
| 77131660  | - | 600  | 1200 | 2400 | 129  |
| 77131712  | - | 120  | 840  | 1680 | 129  |
| 77131730  | - | 300  | 1200 | 2400 | 129  |
| 77131756  | - | 560  | 1120 | 2240 | 129  |
| 77132030  | - | 300  | 900  | 1800 | 129  |
| 77132061  | - | 600  | 2400 | -    | 129  |
| 77141612  | - | 120  | 1200 | 2400 | 128  |
| 77141630  | - | 300  | 1500 | 3000 | 128  |
| 77141660  | - | 600  | 1200 | 2400 | 128  |
| 77151612  | - | 120  | 1200 | 2400 | 128  |
| 77151630  | - | 300  | 1500 | 3000 | 128  |
| 77151660  | - | 600  | 1200 | 2400 | 128  |
| 77211200  | - | 10   | 200  | -    | 130  |
| 77211400  | - | 10   | 200  | -    | 130  |
| 77211600  | - | 10   | 200  | -    | 130  |
| 77211700  | - | 10   | 200  | -    | 130  |
| 77212000  | - | 10   | 200  | -    | 130  |
| 77220014  | - | 1    | 10   | -    | 131  |
| 77220015  | - | 1    | 10   | 100  | 131  |
| 77220016  | - | 1    | 10   | 100  | 131  |
| 77220017  | - | 1    | 10   | 100  | 131  |
| 77220020  | - | 1    | 10   | 100  | 131  |
| 77220025  | - | 1    | 10   | 100  | 131  |
| 77220034  | - | 10   | 100  | -    | 131  |
| 77220035  | - | 1    | -    | -    | 130  |
| 77230016  | - | 2    | 100  | -    | 132  |
| 77230017  | - | 1    | 80   | -    | 132  |
| 77300001  | - | 1    | -    | -    | 161  |
| 77310002  | - | 1    | -    | -    | 143  |
| 77310003  | - | 1    | -    | -    | 143  |
| 77310004  | - | 1    | -    | -    | 143  |
| 77310005  | - | 1    | -    | -    | 143  |
| 77310006  | - | 1    | -    | -    | 143  |
| 77310007  | - | 1    | -    | -    | 143  |
| 77310008  | - | 1    | -    | -    | 143  |
| 77310009  | - | 1    | -    | -    | 143  |

## Article quick search

| Order No. |     | DU 1 | DU 2 | DU 3 | Page |
|-----------|-----|------|------|------|------|
| 77310010  | -   | 1    | -    | -    | 143  |
| 77310011  | -   | 1    | -    | -    | 143  |
| 77310012  | -   | 1    | -    | -    | 143  |
| 77310022  | -   | 1    | -    | -    | 143  |
| 77310023  | -   | 1    | -    | -    | 143  |
| 77311102  | -   | 1    | -    | -    | 144  |
| 77311103  | -   | 1    | -    | -    | 144  |
| 77311104  | -   | 1    | -    | -    | 144  |
| 77311105  | -   | 1    | -    | -    | 144  |
| 77311106  | -   | 1    | -    | -    | 144  |
| 77311107  | -   | 1    | -    | -    | 144  |
| 77311108  | -   | 1    | -    | -    | 144  |
| 77311109  | -   | 1    | -    | -    | 144  |
| 77311110  | -   | 1    | -    | -    | 144  |
| 77311111  | -   | 1    | -    | -    | 144  |
| 77311112  | -   | 1    | -    | -    | 144  |
| 77351001  | -   | 1    | 24   | -    | 149  |
| 77351002  | -   | 1    | 18   | -    | 149  |
| 77351003  | -   | 1    | 16   | -    | 149  |
| 77351004  | -   | 1    | 14   | -    | 149  |
| 77351005  | -   | 1    | 12   | -    | 149  |
| 77351006  | -   | 1    | 12   | -    | 149  |
| 77351011  | -   | 1    | 24   | -    | 150  |
| 77351012  | -   | 1    | 18   | -    | 150  |
| 77351013  | -   | 1    | 16   | -    | 150  |
| 77351014  | -   | 1    | 14   | -    | 150  |
| 77351015  | -   | 1    | 12   | -    | 150  |
| 77351016  | -   | 1    | 12   | -    | 150  |
| 77352001  | -   | 1    | 24   | -    | 151  |
| 77352002  | -   | 1    | 18   | -    | 151  |
| 77352003  | -   | 1    | 16   | -    | 151  |
| 77352004  | -   | 1    | 14   | -    | 151  |
| 77352011  | -   | 1    | -    | -    | 151  |
| 77352012  | -   | 1    | -    | -    | 151  |
| 77352013  | -   | 1    | -    | -    | 151  |
| 77352014  | -   | 1    | -    | -    | 151  |
| 77352015  | -   | 1    | -    | -    | 151  |
| 77381001  | -   | 1    | 20   | -    | 145  |
| 77381002  | -   | 1    | -    | -    | 145  |
| 77381003  | -   | 1    | 16   | -    | 145  |
| 77381006  | -   | 1    | -    | -    | 148  |
| 77381008  | -   | 1    | -    | -    | 146  |
| 77381009  | -   | 1    | -    | -    | 145  |
| 77382005  | -   | 1    | -    | -    | 146  |
| 77383001  | -   | 1    | -    | -    | 146  |
| 77383002  | -   | 1    | -    | -    | 146  |
| 77390010  | -   | 1    | -    | -    | 145  |
| 77390012  | NEW | 1    | 10   | -    | 146  |
| 77390020  | -   | 1    | -    | -    | 145  |
| 77390030  | -   | 1    | -    | -    | 145  |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page |
|-----------|---|------|------|------|------|
| 77390040  | - | 1    | -    | -    | 145  |
| 77390110  | - | 1    | -    | -    | 147  |
| 77390113  | - | 1    | -    | -    | 147  |
| 77390114  | - | 1    | -    | -    | 147  |
| 77390120  | - | 1    | -    | -    | 147  |
| 77390130  | - | 1    | -    | -    | 147  |
| 77400015  | - | 1    | -    | -    | 155  |
| 77400016  | - | 1    | -    | -    | 155  |
| 77400017  | - | 1    | -    | -    | 155  |
| 77410024  | - | 1    | -    | -    | 155  |
| 77410025  | - | 1    | -    | -    | 155  |
| 77410030  | - | 1    | -    | -    | 156  |
| 77410031  | - | 1    | -    | -    | 156  |
| 77410032  | - | 1    | -    | -    | 156  |
| 77410033  | - | 1    | -    | -    | 156  |
| 77410034  | - | 1    | -    | -    | 156  |
| 77410035  | - | 1    | -    | -    | 156  |
| 77410036  | - | 1    | -    | -    | 156  |
| 77410037  | - | 1    | -    | -    | 156  |
| 77410039  | - | 1    | -    | -    | 156  |
| 77410041  | - | 1    | -    | -    | 156  |
| 77410043  | - | 1    | -    | -    | 156  |
| 77410045  | - | 1    | -    | -    | 156  |
| 77410050  | - | 1    | -    | -    | 157  |
| 77420030  | - | 1    | -    | -    | 158  |
| 77420032  | - | 1    | -    | -    | 158  |
| 77420033  | - | 1    | -    | -    | 158  |
| 77420035  | - | 1    | -    | -    | 158  |
| 77430028  | - | 1    | -    | -    | 157  |
| 77430029  | - | 1    | -    | -    | 157  |
| 77430030  | - | 1    | -    | -    | 157  |
| 77430031  | - | 1    | -    | -    | 157  |
| 77430032  | - | 1    | -    | -    | 157  |
| 77430033  | - | 1    | -    | -    | 157  |
| 77430040  | - | 1    | -    | -    | 157  |
| 77440030  | - | 1    | -    | -    | 158  |
| 77440031  | - | 1    | -    | -    | 158  |
| 77440040  | - | 1    | -    | -    | 159  |
| 77440041  | - | 1    | -    | -    | 159  |
| 77450000  | - | 1    | -    | -    | 148  |
| 77450011  | - | 1    | -    | -    | 148  |
| 77460003  | - | 1    | -    | -    | 153  |
| 77460004  | - | 1    | -    | -    | 153  |
| 77460005  | - | 1    | -    | -    | 153  |
| 77460006  | - | 1    | -    | -    | 153  |
| 77460007  | - | 1    | -    | -    | 154  |
| 77470010  | - | 1    | -    | -    | 154  |
| 77470020  | - | 1    | -    | -    | 154  |
| 77470021  | - | 1    | -    | -    | 154  |
| 77470025  | - | 1    | -    | -    | 154  |



| Order No. |     | DU 1  | DU 2   | DU 3   | Page |
|-----------|-----|-------|--------|--------|------|
| 77490010  | -   | 1     | 10     | -      | 159  |
| 77490020  | -   | 1     | 10     | -      | 159  |
| 77490021  | -   | 1     | -      | -      | 159  |
| 77510010  | -   | 9.6   | 57.6   | -      | 136  |
| 77510020  | -   | 9.6   | 115.2  | -      | 136  |
| 77510021  | -   | 10    | -      | -      | 136  |
| 77510030  | -   | 16.8  | 201.6  | -      | 136  |
| 77510031  | -   | 10    | -      | -      | 136  |
| 77520001  | -   | 9     | 117    | -      | 137  |
| 77520002  | -   | 4.5   | 117    | -      | 137  |
| 77520003  | -   | 10    | 630    | -      | 137  |
| 77520006  | -   | 8.625 | 60.375 | -      | 138  |
| 77520007  | -   | 50    | 500    | -      | 138  |
| 77520008  | -   | 50    | 500    | -      | 138  |
| 77520018  | -   | 6.9   | 138    | -      | 138  |
| 77520019  | -   | 120   | -      | -      | 139  |
| 77520020  | -   | 10    | -      | -      | 139  |
| 77520021  | -   | 1     | -      | -      | 139  |
| 77520026  | -   | 1     | -      | -      | 139  |
| 77531500  | -   | 10    | 60     | -      | 133  |
| 77531520  | -   | 10    | 60     | -      | 133  |
| 77531530  | -   | 23.04 | 69.12  | 207.36 | 135  |
| 77531531  | -   | 23.04 | 69.12  | 207.36 | 135  |
| 77540010  | -   | 25.2  | 630    | -      | 139  |
| 77540015  | -   | 25.2  | 756    | -      | 139  |
| 77570009  | -   | 32    | 896    | -      | 141  |
| 77570010  | -   | 10    | 100    | -      | 141  |
| 77570015  | -   | 10    | 100    | -      | 141  |
| 77570025  | -   | 32    | 800    | -      | 141  |
| 77600010  | -   | 1     | -      | -      | 133  |
| 77600020  | -   | 1     | -      | -      | 133  |
| 77610001  | -   | 1     | -      | -      | 134  |
| 77610010  | -   | 200   | 4000   | 80000  | 134  |
| 77610016  | -   | 300   | 6000   | 144000 | 134  |
| 77610023  | -   | 300   | 78000  | -      | 134  |
| 77610024  | -   | 1     | -      | -      | 134  |
| 77610025  | -   | 450   | 9000   | 135000 | 135  |
| 77610026  | -   | 1     | -      | -      | 135  |
| 77610027  | NEW | 450   | 9000   | -      | 135  |
| 77611000  | -   | 1000  | -      | -      | 140  |
| 77611001  | -   | 1     | -      | -      | 140  |
| 77611020  | -   | 1000  | -      | -      | 139  |
| 77612010  | -   | 200   | 800    | -      | 141  |
| 77612020  | -   | 100   | 2000   | -      | 141  |
| 77620012  | -   | 160   | 960    | -      | 141  |
| 77630010  | -   | 18    | -      | -      | 142  |
| 77630020  | -   | 10    | 50     | -      | 141  |
| 77630025  | -   | 10    | 50     | -      | 141  |
| 77640010  | -   | 10    | -      | -      | 142  |
| 77641010  | -   | 25    | -      | -      | 142  |

| Order No. |   | DU 1 | DU 2 | DU 3 | Page     |
|-----------|---|------|------|------|----------|
| 77660012  | - | 75   | -    | -    | 142      |
| 77910010  | - | 25   | 200  | -    | 160      |
| 77910011  | - | 25   | 100  | -    | 160      |
| 77910012  | - | 25   | -    | -    | 160      |
| 77911025  | - | 25   | -    | -    | 142      |
| 77920000  | - | 1    | -    | -    | 160      |
| 77920010  | - | 1    | 10   | -    | 160      |
| 77920020  | - | 1    | -    | -    | 161      |
| 77920040  | - | 1    | -    | -    | 160      |
| 77920041  | - | 1    | -    | -    | 160      |
| 77921700  | - | 1    | -    | -    | 161      |
| 77922000  | - | 1    | -    | -    | 161      |
| 77922500  | - | 1    | -    | -    | 161      |
| 77990010  | - | 1    | 10   | -    | 152      |
| 77990012  | - | 1    | -    | -    | 163, 164 |
| 77990016  | - | 1    | -    | -    | 163      |
| 77990017  | - | 1    | -    | -    | 163      |
| 77990020  | - | 1    | -    | -    | 163, 164 |
| 77990021  | - | 1    | -    | -    | 163, 164 |
| 77990022  | - | 1    | -    | -    | 163, 164 |
| 77990023  | - | 1    | -    | -    | 163, 164 |
| 77990024  | - | 1    | -    | -    | 163, 164 |
| 77990025  | - | 1    | -    | -    | 163, 164 |
| 77990026  | - | 1    | -    | -    | 163, 164 |
| 77990027  | - | 1    | -    | -    | 163, 164 |
| 77990028  | - | 1    | -    | -    | 163, 164 |
| 77990029  | - | 1    | -    | -    | 163, 164 |
| 77990030  | - | 1    | -    | -    | 163, 164 |
| 77990031  | - | 1    | -    | -    | 163, 164 |
| 77990036  | - | 1    | -    | -    | 163      |
| 77990037  | - | 1    | -    | -    | 163      |
| 77990038  | - | 1    | -    | -    | 162, 163 |
| 77990040  | - | 1    | -    | -    | 163, 164 |
| 77990043  | - | 1    | -    | -    | 163, 164 |
| 77990051  | - | 1    | -    | -    | 162      |
| 77990052  | - | 1    | -    | -    | 162      |
| 77990053  | - | 1    | -    | -    | 162      |
| 77990054  | - | 1    | -    | -    | 162      |
| 77990055  | - | 1    | -    | -    | 162      |
| 77990056  | - | 1    | -    | -    | 162      |
| 77990060  | - | 1    | -    | -    | 162      |
| 77990061  | - | 1    | -    | -    | 162      |
| 77990062  | - | 1    | -    | -    | 162, 163 |
| 77990064  | - | 1    | -    | -    | 164      |
| 77990065  | - | 1    | -    | -    | 164      |
| 77990066  | - | 1    | -    | -    | 164      |
| 77990067  | - | 1    | -    | -    | 164      |
| 77990068  | - | 1    | -    | -    | 164      |
| 77990070  | - | 5    | -    | -    | 162      |
| 77990071  | - | 5    | -    | -    | 162      |

Article quick search

| Order No. |   | DU 1 | DU 2 | DU 3 | Page |
|-----------|---|------|------|------|------|
| 77990072  | - | 5    | -    | -    | 162  |

| Order No. | Designation                                                                 | State/Change | Substitute |
|-----------|-----------------------------------------------------------------------------|--------------|------------|
| 703320    | TECEflex 5S-MDXc all-plastic pipe radiant heating, dimension 20, 200 m roll | SALE         |            |
| 703420    | TECEflex 5S-MDXc all-plastic pipe radiant heating, dimension 20, 600 m roll | SALE         |            |
| 705001    | TECEflex female connector dimension 14 x Rp 1/2", DR brass                  | Dropped      |            |
| 705002    | TECEflex female connector dimension 16 x Rp 1/2", DR brass                  | Dropped      |            |
| 705003    | TECEflex female connector dimension 20 x Rp 1/2", DR brass                  | Dropped      |            |
| 705004    | TECEflex female connector dimension 20 x Rp 3/4", DR brass                  | Dropped      |            |
| 705007    | TECEflex female connector dimension 25 x Rp 3/4", DR brass                  | Dropped      |            |
| 705008    | TECEflex female connector dimension 32 x Rp 1", DR brass                    | Dropped      |            |
| 705009    | TECEflex female connector dimension 25 x Rp 1", DR brass                    | Dropped      |            |
| 705010    | TECEflex female angle connector dimension 40 x Rp 1 1/2", DR brass          | Dropped      |            |
| 705011    | TECEflex female connector dimension 50 x Rp 2", DR brass                    | Dropped      |            |
| 705014    | TECEflex female connector dimension 63 x 2", DR brass                       | Dropped      |            |
| 705501    | TECEflex male connector dimension 14 x R 1/2", DR brass                     | Dropped      |            |
| 705502    | TECEflex male connector dimension 16 x R 1/2", DR brass                     | Dropped      |            |
| 705503    | TECEflex male connector dimension 20 x R 1/2", DR brass                     | Dropped      |            |
| 705504    | TECEflex male connector dimension 20 x R 3/4", DR brass                     | Dropped      |            |
| 705506    | TECEflex male connector dimension 16 x R 3/4", DR brass                     | Dropped      |            |
| 705507    | TECEflex male connector dimension 25 x R 3/4", DR brass                     | Dropped      |            |
| 705508    | TECEflex male connector dimension 25 x R 1", DR brass                       | Dropped      |            |
| 705509    | TECEflex male connector dimension 32 x R 1", DR brass                       | Dropped      |            |
| 705510    | TECEflex male connector dimension 32 x R 1 1/4", DR brass                   | Dropped      |            |
| 705511    | TECEflex male connector dimension 40 x R 1 1/4", DR brass                   | Dropped      |            |
| 705512    | TECEflex male connector dimension 50 x R 1 1/2", DR brass                   | Dropped      |            |
| 705513    | TECEflex male connector dimension 63 x R 2", DR brass                       | Dropped      |            |
| 705514    | TECEflex male connector DR brass                                            | Dropped      |            |
| 706014    | TECEflex coupling dimension 14 x 14, DR brass                               | Dropped      |            |
| 706016    | TECEflex coupling dimension 16 x 16, DR brass                               | Dropped      |            |
| 706020    | TECEflex coupling dimension 20 x 20, DR brass                               | Dropped      |            |
| 706025    | TECEflex coupling dimension 25 x 25, DR brass                               | Dropped      |            |
| 706032    | TECEflex coupling dimension 32 x 32, DR brass                               | Dropped      |            |
| 706040    | TECEflex coupling dimension 40 x 40, DR brass                               | Dropped      |            |
| 706050    | TECEflex coupling dimension 50 x 50, DR brass                               | Dropped      |            |
| 706063    | TECEflex coupling dimension 63 x 63, DR brass                               | Dropped      |            |
| 706501    | TECEflex coupling reduced dimension 16 x 14, DR brass                       | Dropped      |            |
| 706503    | TECEflex coupling reduced dimension 20 x 16, DR brass                       | Dropped      |            |
| 706504    | TECEflex coupling reduced dimension 25 x 16, DR brass                       | Dropped      |            |
| 706505    | TECEflex coupling reduced dimension 25 x 20, DR brass                       | Dropped      |            |
| 706506    | TECEflex coupling reduced dimension 32 x 20, DR brass                       | Dropped      |            |
| 706507    | TECEflex coupling reduced dimension 32 x 25, DR brass                       | Dropped      |            |
| 706508    | TECEflex coupling reduced dimension 40 x 32, DR brass                       | Dropped      |            |
| 706509    | TECEflex coupling reduced dimension 50 x 40, DR brass                       | Dropped      |            |
| 706510    | TECEflex coupling reduced dimension 63 x 50, DR brass                       | Dropped      |            |
| 707014    | TECEflex elbow 90° dimension 14 x 14, DR brass                              | Dropped      |            |
| 707016    | TECEflex elbow 90° dimension 16 x 16, DR brass                              | Dropped      |            |
| 707020    | TECEflex elbow 90° dimension 20 x 20, DR brass                              | Dropped      |            |
| 707025    | TECEflex elbow 90° dimension 25 x 25, DR brass                              | Dropped      |            |
| 707032    | TECEflex elbow 90° dimension 32 x 32, DR brass                              | Dropped      |            |
| 707040    | TECEflex elbow 90° dimension 40 x 40, DR brass                              | Dropped      |            |
| 707050    | TECEflex elbow 90° dimension 50 x 50, DR brass                              | Dropped      |            |
| 707063    | TECEflex elbow 90° dimension 63 x 63, DR brass                              | Dropped      |            |

## Assortment changes

| Order No. | Designation                                                       | State/Change | Substitute |
|-----------|-------------------------------------------------------------------|--------------|------------|
| 707125    | TECEflex elbow 45° dimension 25 x 25, DR brass                    | Dropped      |            |
| 707132    | TECEflex elbow 45° dimension 32 x 32, DR brass                    | Dropped      |            |
| 707140    | TECEflex elbow 45° dimension 40 x 40, DR brass                    | Dropped      |            |
| 707150    | TECEflex elbow 45° dimension 50 x 50, DR brass                    | Dropped      |            |
| 707163    | TECEflex elbow 45° dimension 63 x 63, DR brass                    | Dropped      |            |
| 707216    | TECEflex 90° elbow pressure loss opt. Dimension 16 x 16, DR brass | Dropped      |            |
| 707220    | TECEflex 90° elbow pressure loss opt. Dimension 20 x 20, DR brass | Dropped      |            |
| 707225    | TECEflex 90° elbow pressure loss opt. Dimension 25 x 25, DR brass | Dropped      |            |
| 707232    | TECEflex 90° elbow pressure loss opt. Dimension 32 x 32, DR brass | Dropped      |            |
| 707240    | TECEflex 90° elbow pressure loss opt. Dimension 40 x 40, DR brass | Dropped      |            |
| 707250    | TECEflex 90° elbow pressure loss opt. Dimension 50 x 50, DR brass | Dropped      |            |
| 707263    | TECEflex 90° elbow pressure loss opt. Dimension 63 x 63, DR brass | Dropped      |            |
| 707501    | TECEflex male elbow 20x3/4" male thread                           | Dropped      |            |
| 707514    | TECEflex male elbow 14x1/2" male thread                           | Dropped      |            |
| 707516    | TECEflex male elbow 16x1/2" male thread                           | Dropped      |            |
| 707520    | TECEflex male elbow 20x1/2" male thread                           | Dropped      |            |
| 707525    | TECEflex male elbow 25x3/4" male thread                           | Dropped      |            |
| 707526    | TECEflex male elbow 25x1" male thread                             | Dropped      |            |
| 707532    | TECEflex male elbow 32x1" male thread                             | Dropped      |            |
| 708002    | TECEflex female elbow 20x3/4" female thread                       | Dropped      |            |
| 708014    | TECEflex female elbow 14x1/2" female thread                       | Dropped      |            |
| 708016    | TECEflex female elbow 16x1/2" female thread                       | Dropped      |            |
| 708020    | TECEflex female elbow 20x1/2" female thread                       | Dropped      |            |
| 708025    | TECEflex female elbow 25x3/4" female thread                       | Dropped      |            |
| 708032    | TECEflex female elbow 32x1" female thread                         | Dropped      |            |
| 708040    | TECEflex female elbow 40x1 1/2" female thread                     | Dropped      |            |
| 708050    | TECEflex female elbow 50x1 1/2" female thread                     | Dropped      |            |
| 708501    | TECEflex double wall disk 16x1/2" female thread x16               | Dropped      |            |
| 708502    | TECEflex wall disk, long, 16x1/2" long                            | Dropped      |            |
| 708504    | TECEflex double wall disk 16x1/2"                                 | Dropped      |            |
| 708505    | TECEflex U-double wall disk 20 x 1/2" x 20                        | Dropped      |            |
| 708514    | TECEflex wall disk 14x1/2" female thread                          | Dropped      |            |
| 708516    | TECEflex wall disk 16 x Rp 1/2"                                   | Dropped      |            |
| 708520    | TECEflex wall disk 20x1/2" female thread                          | Dropped      |            |
| 708525    | TECEflex wall disk 20x3/4" female thread LE1: 10                  | Dropped      |            |
| 708526    | TECEflex wall disk 25x3/4" female thread LE1: 10                  | Dropped      |            |
| 708601    | TECEflex SPKanschl.winkel 16x1/2" female thread                   | Dropped      |            |
| 708701    | TECEflex wall bushing 16x1/2" with pressure ring                  | Dropped      |            |
| 708702    | TECEflex wall bushing 16x1/2" 90° union nut M28                   | Dropped      |            |
| 709516    | TECEflex tee 16x1/2" female thread x16                            | Dropped      |            |
| 709520    | TECEflex tee 20x1/2" female thread x20                            | Dropped      |            |
| 709522    | TECEflex 90° tee female thread 25x1/2"x25                         | Dropped      |            |
| 709525    | TECEflex tee 25x3/4" female thread x25                            | Dropped      |            |
| 709527    | TECEflex 90° tee female thread 32x1/2"x32                         | Dropped      |            |
| 709532    | TECEflex tee 32x1" female thread x32                              | Dropped      |            |
| 709534    | TECEflex 90° tee female thread 40x1/2"x40 LE: 1                   | Dropped      |            |
| 709540    | TECEflex tee 40x1" female thread x40                              | Dropped      |            |
| 709542    | TECEflex 90° tee female thread 50x1/2"x50 LE: 1                   | Dropped      |            |
| 709550    | TECEflex tee 50x1 1/4" female thread x50                          | Dropped      |            |
| 709552    | TECEflex 90° tee female thread 63x1/2"x63 LE: 1                   | Dropped      |            |

| Order No. | Designation                                                                              | State/Change | Substitute |
|-----------|------------------------------------------------------------------------------------------|--------------|------------|
| 709563    | TECEflex tee female thread 63 x 1" female thread x 63 LE1: 1                             | Dropped      |            |
| 709565    | TECEflex 90° tee female thread 63x1 1/2"x63 LE: 1                                        | Dropped      |            |
| 710014    | TECEflex tee dimension 14 x 14 x 14, DR brass                                            | Dropped      |            |
| 710016    | TECEflex tee dimension 16 x 16 x 16, DR brass                                            | Dropped      |            |
| 710020    | TECEflex tee dimension 20 x 20 x 20, DR brass                                            | Dropped      |            |
| 710025    | TECEflex tee dimension 25 x 25 x 25, DR brass                                            | Dropped      |            |
| 710032    | TECEflex Tee dimension 32 x 32 x 32, DR brass                                            | Dropped      |            |
| 710040    | TECEflex Tee dimension 40 x 40 x 40, DR brass                                            | Dropped      |            |
| 710050    | TECEflex Tee dimension 50 x 50 x 50, DR brass                                            | Dropped      |            |
| 710063    | TECEflex Tee dimension 63 x 63 x 63, DR brass                                            | Dropped      |            |
| 710503    | TECEflex Tee reduced dimension 16 x 14 x 16, DR brass                                    | Dropped      |            |
| 710504    | TECEflex Tee reduced dimension 16 x 20 x 16, DR brass                                    | Dropped      |            |
| 710507    | TECEflex Tee reduced dimension 20 x 14 x 20, DR brass                                    | Dropped      |            |
| 710508    | TECEflex Tee reduced dimension 20 x 16 x 16, DR brass                                    | Dropped      |            |
| 710509    | TECEflex Tee reduced dimension 20 x 16 x 20, DR brass                                    | Dropped      |            |
| 710511    | TECEflex Tee reduced dimension 20 x 20 x 16, DR brass                                    | Dropped      |            |
| 710512    | TECEflex Tee reduced dimension 16 x 14 x 14, DR brass                                    | Dropped      |            |
| 710514    | TECEflex Tee reduced dimension 25 x 16 x 25, DR brass                                    | Dropped      |            |
| 710515    | TECEflex Tee reduced dimension 25 x 20 x 25, DR brass                                    | Dropped      |            |
| 710516    | TECEflex Tee reduced dimension 25 x 16 x 16, DR brass                                    | Dropped      |            |
| 710517    | TECEflex Tee reduced dimension 25 x 32 x 25, DR brass                                    | Dropped      |            |
| 710518    | TECEflex Tee reduced dimension 32 x 20 x 25, DR brass                                    | Dropped      |            |
| 710519    | TECEflex Tee reduced dimension 32 x 20 x 32, DR brass                                    | Dropped      |            |
| 710520    | TECEflex Tee reduced dimension 32 x 25 x 25, DR brass                                    | Dropped      |            |
| 710521    | TECEflex Tee reduced dimension 20 x 25 x 20, DR brass                                    | Dropped      |            |
| 710522    | TECEflex Tee reduced dimension 25 x 20 x 20, DR brass                                    | Dropped      |            |
| 710523    | TECEflex Tee reduced dimension 32 x 25 x 32, DR brass                                    | Dropped      |            |
| 710524    | TECEflex Tee reduced dimension 40 x 32 x 40, DR brass                                    | Dropped      |            |
| 710525    | TECEflex Tee reduced dimension 40 x 32 x 32, DR brass                                    | Dropped      |            |
| 710526    | TECEflex Tee reduced dimension 50 x 32 x 50, DR brass                                    | Dropped      |            |
| 710527    | TECEflex Tee reduced dimension 50 x 40 x 40, DR brass                                    | Dropped      |            |
| 710528    | TECEflex Tee reduced dimension 50 x 40 x 50, DR brass                                    | Dropped      |            |
| 710533    | TECEflex Tee reduced dimension 40 x 25 x 40, DR brass                                    | Dropped      |            |
| 710534    | TECEflex Tee reduced dimension 50 x 25 x 50, DR brass                                    | Dropped      |            |
| 710535    | TECEflex Tee reduced dimension 50 x 20 x 50, DR brass                                    | Dropped      |            |
| 710536    | TECEflex Tee reduced dimension 40 x 20 x 40, DR brass                                    | Dropped      |            |
| 710537    | TECEflex Tee reduced dimension 32 x 16 x 32, DR brass                                    | Dropped      |            |
| 710538    | TECEflex Tee reduced dimension 63 x 50 x 63, DR brass                                    | Dropped      |            |
| 710539    | TECEflex Tee reduced dimension 63 x 40 x 63, DR brass                                    | Dropped      |            |
| 710540    | TECEflex Tee reduced dimension 63 x 32 x 63, DR brass                                    | Dropped      |            |
| 710541    | TECEflex Tee reduced dimension 63 x 25 x 63, DR brass                                    | Dropped      |            |
| 710542    | TECEflex Tee reduced dimension 50 x 25 x 40, DR brass                                    | Dropped      |            |
| 710543    | TECEflex Tee reduced dimension 40 x 25 x 32, DR brass                                    | Dropped      |            |
| 710544    | TECEflex Tee reduced dimension 25 x 16 x 20, DR brass                                    | Dropped      |            |
| 712007    | TECEflex two-way manifold 16 mm 3/4" female thread/male thread                           | Dropped      |            |
| 712008    | TECEflex three-way manifold 16 mm 3/4" female thread/male thread                         | Dropped      |            |
| 712009    | TECEflex two-way manifold 14 mm 3/4" female thread/male thread                           | Dropped      |            |
| 712010    | TECEflex three-way manifold 14 mm 3/4" female thread/male thread                         | Dropped      |            |
| 713614    | TECEflex Eurocone screw connection 3/4" dimension 14 with Flex press connection DR brass | Dropped      |            |

## Assortment changes

| Order No. | Designation                                                                              | State/Change | Substitute |
|-----------|------------------------------------------------------------------------------------------|--------------|------------|
| 713616    | TECEflex Eurocone screw connection 3/4" dimension 16 with Flex press connection DR brass | Dropped      |            |
| 713620    | TECEflex Eurocone screw connection 3/4" dimension 20 with Flex press connection DR brass | Dropped      |            |
| 717507    | TECEflex screw connection flat sealing 16x3/4" female thread                             | Dropped      |            |
| 717508    | TECEflex screw connection flat sealing 20x3/4" female connection                         | Dropped      |            |
| 717509    | TECEflex screw connection flat sealing 25x1" female connection                           | Dropped      |            |
| 717510    | TECEflex screw connection flat sealing 32x1 1/4" female thread LE: 1                     | Dropped      |            |
| 717512    | TECEflex screw connection flat sealing 16x1/2" female thread                             | Dropped      |            |
| 717514    | TECEflex screw connection flat sealing 20x1" female thread                               | Dropped      |            |
| 717515    | TECEflex screw connection flat sealing 25x1 1/4" female thread                           | Dropped      |            |
| 717516    | TECEflex screw connection flat sealing 32x1 1/2" female thread LE: 1                     | Dropped      |            |
| 717517    | TECEflex screw connection flat sealing 40x1 1/2" female thread LE: 1                     | Dropped      |            |
| 717518    | TECEflex screw connection flat sealing 40x1 3/4" female thread LE: 1                     | Dropped      |            |
| 717519    | TECEflex screw connection flat sealing 50x1 3/4" female thread LE: 1                     | Dropped      |            |
| 717520    | TECEflex screw connection flat sealing 63x2 3/8" female thread LE: 1                     | Dropped      |            |
| 717522    | TECEflex screw connection, flat sealing DR brass                                         | Dropped      |            |
| 720514    | TECEflex end plugs dimension 14, DR brass                                                | Dropped      |            |
| 720516    | TECEflex end plugs dimension 16, DR brass                                                | Dropped      |            |
| 720520    | TECEflex end plugs dimension 20, DR brass                                                | Dropped      |            |
| 8700216   | TECElogo composite pipe PE-RT/Al/PE-RT in corrugated sheet pipe dimension 16, 75 m roll  | Dropped      |            |
| 8700220   | TECElogo composite pipe PE-RT/Al/PE-RT in corrugated sheet pipe dimension 20, 50 m roll  | Dropped      |            |
| 8700225   | TECElogo composite pipe PE-RT/Al/PE-RT in corrugated sheet pipe dimension 25, 25 m roll  | Dropped      |            |
| 8700316   | TECElogo composite pipe PE-Xc/Al/PE-RT pre-insulated, dimension 16, RS 9 mm              | Dropped      |            |
| 8700320   | TECElogo composite pipe PE-Xc/Al/PE-RT pre-insulated, dimension 20, RS 9 mm              | Dropped      |            |
| 8700325   | TECElogo composite pipe PE-Xc/Al 25 x 2.5 pre-insulated RS 9, red, 50 m roll             | Dropped      |            |
| 8700616   | TECElogo composite pipe PE-Xc/Al 16x2.0 in protective pipe 20/25, red, roll 75 m         | Dropped      |            |
| 8700620   | TECElogo composite pipe PE-Xc/Al 20x2.25 in protective pipe 23/28, red, roll 50 m        | Dropped      |            |
| 8700625   | TECElogo multi-layer composite pipe PE-Xc/Al/PE-RT in corrugated sheath pipe, red        | Dropped      |            |
| 8700716   | TECElogo composite pipe PE-Xc/Al 16x2.0 in protective pipe 20/25, blue, roll 75 m        | Dropped      |            |
| 8700720   | TECElogo composite pipe PE-Xc/Al 16x2.0 in protective pipe 23/28, blue, roll 50 m        | Dropped      |            |
| 8700725   | TECElogo D25 25x2.5 PE-Xc/Al/PE 25m corrugated sheath pipe B                             | Dropped      |            |
| 8701416   | TECElogo composite pipe PE-Xc/Al 16 x 2.0 pre-insulated RS 13, red, 50 m roll            | Dropped      |            |
| 8701420   | TECElogo composite pipe PE-Xc/Al 20 x 2.25 pre-insulated RS 13, red, 50 m roll           | Dropped      |            |
| 8701425   | TECElogo composite pipe PE-Xc/Al 25 x 2.25 pre-insulated RS 13, red, 25 m roll           | Dropped      |            |
| 8701616   | TECElogo composite pipe PE-Xc/Al 16 x 2.0 pre-insulated RS 6, red, 75 m roll             | Dropped      |            |
| 8701620   | TECElogo composite pipe PE-Xc/Al 20 x 2.25 pre-insulated RS 6, red, 75 m roll            | Dropped      |            |
| 8701625   | TECElogo composite pipe PE-Xc/Al 25 x 2.25 pre-insulated RS 6, red, 50 m roll            | Dropped      |            |
| 8705132   | TECElogo composite pipe PE-RT/Al/PE-RT dimension 32, 5 m bar                             | NEW          |            |
| 8708116   | TECElogo PE-RT 5S pipe dimension 16 x 2.0 mm                                             | NEW          |            |
| 8708120   | TECElogo PE-RT 5S pipe dimension 20 x 2.25 mm                                            | NEW          |            |
| 8708125   | TECElogo PE-RT 5S pipe dimension 25 x 2.8 mm                                             | NEW          |            |
| 8710002   | TECElogo-Push female connector dimension 16 x Rp 1/2", DR brass                          | Dropped      |            |
| 8710003   | TECElogo-Push female connector dimension 20 x Rp 1/2", DR brass                          | Dropped      |            |
| 8710004   | TECElogo-Push female connector dimension 20 x Rp 3/4", DR brass                          | Dropped      |            |
| 8710005   | TECElogo-Push female connector dimension 25 x Rp 3/4", DR brass                          | Dropped      |            |
| 8710006   | TECElogo-Push female connector dimension 25 x Rp 1", DR brass                            | Dropped      |            |
| 8710007   | TECElogo-Push female connector dimension 32 x Rp 1", DR brass                            | Dropped      |            |
| 8710008   | TECElogo-Push female connector dimension 40 x Rp 1 1/2", DR brass                        | Dropped      |            |
| 8710009   | TECElogo-Push female connector dimension 50 x Rp 2", DR brass                            | Dropped      |            |
| 8710100   | TECElogo-Push male connector                                                             | Dropped      |            |

| Order No. | Designation                                                                  | State/Change | Substitute |
|-----------|------------------------------------------------------------------------------|--------------|------------|
| 8710102   | TECElogo-Push male connector dimension 16 x R 1/2", DR brass                 | Dropped      |            |
| 8710103   | TECElogo-Push male connector dimension 16 x R 3/4", DR brass                 | Dropped      |            |
| 8710104   | TECElogo-Push male connector dimension 20 x R 1/2", DR brass                 | Dropped      |            |
| 8710105   | TECElogo-Push male connector dimension 20 x R 3/4", DR brass                 | Dropped      |            |
| 8710106   | TECElogo-Push male connector dimension 25 x R 3/4", DR brass                 | Dropped      |            |
| 8710107   | TECElogo-Push male connector dimension 25 x R 1", DR brass                   | Dropped      |            |
| 8710108   | TECElogo-Push male connector Eurocone, dim. 16 x 3/4"                        | Dropped      |            |
| 8710109   | TECElogo-Push male connector Eurocone, dim. 20 x 3/4"                        | Dropped      |            |
| 8710116   | TECElogo-Push male connector dimension 32 x R 1", DR brass                   | Dropped      |            |
| 8710117   | TECElogo-Push male connector dimension 40 x R 1 1/4", DR brass               | Dropped      |            |
| 8710118   | TECElogo-Push male connector dimension 50 x R 1 1/2", DR brass               | Dropped      |            |
| 8710202   | TECElogo-Push female angle connector dimension 16 x Rp 1/2", DR brass        | Dropped      |            |
| 8710203   | TECElogo-Push female angle connector dimension 20 x Rp 1/2", DR brass        | Dropped      |            |
| 8710204   | TECElogo-Push female angle connector dimension 20 x Rp 3/4", DR brass        | Dropped      |            |
| 8710205   | TECElogo-Push female angle connector dimension 25 x Rp 3/4", DR brass        | Dropped      |            |
| 8710206   | TECElogo-Push female angle connector dimension 32 x Rp 1", DR brass          | Dropped      |            |
| 8710302   | TECElogo-Push male angle connector dimension 16 x R 1/2", DR brass           | Dropped      |            |
| 8710303   | TECElogo-Push male angle connector dimension 20 x R 1/2", DR brass           | Dropped      |            |
| 8710304   | TECElogo-Push male angle connector dimension 20 x R 3/4", DR brass           | Dropped      |            |
| 8710305   | TECElogo-Push male angle connector dimension 25 x R 3/4", DR brass           | Dropped      |            |
| 8710306   | TECElogo-Push male angle connector dimension 25 x R 1", DR brass             | Dropped      |            |
| 8710312   | TECElogo-Push male angle connector dimension 32 x R 1", DR brass             | Dropped      |            |
| 8710402   | TECElogo-Push Tee FT dimension 16 x Rp 1/2" x 16, DR brass                   | Dropped      |            |
| 8710403   | TECElogo-Push Tee FT dimension 20 x Rp 1/2" x 20, DR brass                   | Dropped      |            |
| 8710404   | TECElogo-Push Tee FT dimension 25 x Rp 3/4" x 25, DR brass                   | Dropped      |            |
| 8710406   | TECElogo-Push Tee FT dimension 32 x Rp 1" x 32, DR brass                     | Dropped      |            |
| 8710408   | TECElogo-Push Tee FT dimension 40 x Rp 1" x 40, DR brass                     | Dropped      |            |
| 8710410   | TECElogo-Push Tee FT dimension 50 x Rp 1 1/4" x 50, DR brass                 | Dropped      |            |
| 8711202   | TECElogo-Push transition screw connection dimension 16 to 15 mm copper       | Dropped      |            |
| 8711203   | TECElogo-Push transition screw connection dimension 16 to 18 mm copper       | Dropped      |            |
| 8711204   | TECElogo-Push transition screw connection dimension 20 to 15 mm copper       | Dropped      |            |
| 8711205   | TECElogo-Push transition screw connection dimension 20 to 18 mm copper       | Dropped      |            |
| 8711210   | TECElogo-Push adapter screw connection DR brass, dim. 16 x 14 mm             | Dropped      |            |
| 8711211   | TECElogo-Push adapter screw connection DR brass, dim. 20 x 16 mm             | Dropped      |            |
| 8720002   | TECElogo-Push wall disc dimension 16 x Rp 1/2", DR brass                     | Dropped      |            |
| 8720003   | TECElogo-Push wall disc dimension 20 x Rp 1/2", DR brass                     | Dropped      |            |
| 8720100   | TECElogo-Push mounting unit DR brass                                         | Dropped      |            |
| 8730002   | TECElogo-Push manifold 2-way dimension 16 x 3/4", DR brass                   | Dropped      |            |
| 8730003   | TECElogo-Push manifold 3-way dimension 16 x 3/4", DR brass                   | Dropped      |            |
| 8730021   | TECElogo-Push adapter screw connection DR brass, dim. 20 x 3/4" 1-way        | Dropped      |            |
| 8730022   | TECElogo-Push adapter screw connection DR brass, dim. 16 x 12 mm Cu          | Dropped      |            |
| 8730200   | TECElogo-Push screw connection, flat sealing                                 | Dropped      |            |
| 8730201   | TECElogo-Push screw connection, flat sealing dimension 16 x 1/2", DR brass   | Dropped      |            |
| 8730202   | TECElogo-Push screw connection, flat sealing dimension 16 x 3/4", DR brass   | Dropped      |            |
| 8730203   | TECElogo-Push screw connection, flat sealing dimension 20 x 3/4", DR brass   | Dropped      |            |
| 8730204   | TECElogo-Push screw connection, flat sealing dimension 25 x 1", DR brass     | Dropped      |            |
| 8730205   | TECElogo-Push screw connection, flat sealing dimension 32 x 1 1/4", DR brass | Dropped      |            |
| 8730206   | TECElogo-Push screw connection, flat sealing dimension 32 x 1 1/2", DR brass | Dropped      |            |
| 8730207   | TECElogo-Push screw connection, flat sealing dimension 40 x 1 1/2", DR brass | Dropped      |            |
| 8730210   | TECElogo-Push screw connection, flat sealing dimension 50 x 1 1/2", DR brass | Dropped      |            |

## Assortment changes

| Order No. | Designation                                                                                   | State/Change | Substitute |
|-----------|-----------------------------------------------------------------------------------------------|--------------|------------|
| 8730300   | TECElogo-Push system transition to TECEflex DR brass dimension 16                             | Dropped      |            |
| 8730301   | TECElogo-Push system transition to TECEflex DR brass dimension 20                             | Dropped      |            |
| 8730302   | TECElogo-Push system transition to TECEflex DR brass dimension 25                             | Dropped      |            |
| 8740001   | TECElogo-Push press plugs with ventilation dimension 16 DR brass                              | Dropped      |            |
| 77111730  | TECEfloor SLQ 5S Multipipe underfloor heating pipe, dimension 17 x 2 mm, length 300 m         | NEW          |            |
| 77111756  | TECEfloor SLQ 5S Multipipe underfloor heating pipe, dimension 17 x 2 mm, length 560 m         | NEW          |            |
| 77390012  | TECEfloor overflow valve for stainless steel manifold                                         | NEW          |            |
| 77390111  | TECEfloor I plastic HCM VL/RL module 3/4" 1 1/2", with FRI, can be coupled, 1-20 circuits     | Dropped      |            |
| 77520010  | TECEfloor flush-mounted universal panel 125 3 x 50 x 100 cm, with aluminium guide plates      | Dropped      |            |
| 77520011  | TECEfloor flush-mounted universal panel 250 3 x 50 x 100 cm, with aluminium guide plates      | Dropped      |            |
| 77520012  | TECEfloor flush-mounted head element 125 3 x 50 x 100 cm, without alu. guide plates           | Dropped      |            |
| 77520013  | TECEfloor flush-mounted head element 250 3 x 50 x 100 cm, without alu. guide plates           | Dropped      |            |
| 77520014  | TECEfloor flush-mounted transition element 3 x 25 x 37.5 cm, without aluminium                | Dropped      |            |
| 77520015  | TECEfloor flush-mounted compensating element 3 x 50 x 100 cm, without aluminium               | Dropped      |            |
| 77520016  | TECEfloor flush-mounted edging board 3 x 4.5 x 100 cm, to create edging                       | Dropped      |            |
| 77520017  | TECEfloor flush-mounted edging board for doorways 3 x 4.5 x 25 cm, for pipe feed Flow/return  | Dropped      |            |
| 77520022  | TECEfloor flush-mounted head element 125 3 x 50 x 100 cm, without alu. guide plates           | Dropped      |            |
| 77520023  | TECEfloor flush-mounted head element 250 3 x 50 x 100 cm, without alu. guide plates           | Dropped      |            |
| 77520024  | TECEfloor flush-mounted steel load distribution plate 800 x 200 x 1 mm, for cover at manifold | Dropped      |            |
| 77610027  | TECEfloor tacking pins 10plus, 10-12 mm                                                       | NEW          |            |
| 77660010  | TECEfloor polyethylene foil 0.2 mm 1.5 mm x 150 m roll                                        | Dropped      |            |



**Notes:**

- Goods are supplied to the specialist wholesale trade only in the quantities specified.
- Subject to technical modifications.
- This documentation is based on our current state of knowledge; the "state of the art" applies as a matter of course.
- Local standards and guidelines are to be taken into consideration in the choice of materials.

Valid until the appearance of the next issue. Subject to alterations and errors excepted.

More information on  
[www.tece.com](http://www.tece.com)

**TECE GmbH**  
**P +49 25 72 / 9 28 999**  
[international-business@tece.de](mailto:international-business@tece.de)  
[www.tece.com](http://www.tece.com)

DS001 008 11 a