

MAIN CATALOG

Skirting board profiles. Radiator connection systems. Riser sections.



HZ profiles make heating pipes invisible!





CONTENTS

SKIRTING BOARD PROFILES

	The HZ system for pre-wall installation	4-5
SLF 2000	Profile for pipes up to 22 mm	6-7
SLF Plus	Profile for pipes up to 22 mm with additional sealing lip on floor	6-7
SLL 2000	Profile for 2 pipes up to 22 mm and one cable duct or a third pipe	8-9
SLT 2000	Carpeted floor profile for pipes up to 22 mm	10-11
SLF 28-2000	Profile for pipes up to 28 mm	12
SLHW	skirting board of wood- based materials, light oak or abachi	13
BLF	Dummy skirting profile	14
BLT/BL	carpet dummy skirting board and solid wood dummy skirting board	15
Brackets	Overview of all brackets	20-21



System, accessories and lists of articles

22 and following

RADIATOR CONNECTION SYSTEMS

HKU	Radiator connection for press-fitting	16
	Radiator connection for screw-fitting	16
	Radiator connection for soldering	16
AWA/PBV	90° elbows with shut off value / 90° bends	16
HKU UP	Recessed connection	17



System, accessories and lists of articles

32 and following

RISER SECTIONS

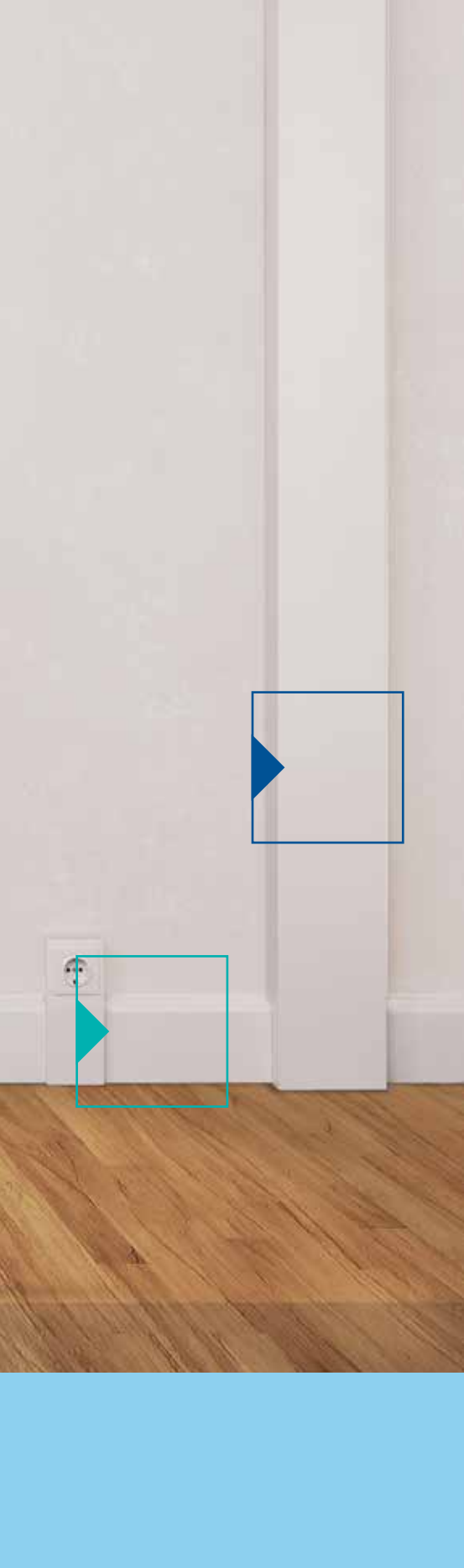
STP L	L-shaped riser section	18
STP U	U-shaped riser section	18
Accessories	For skirting boards and riser sections	19



Accessories and lists of articles

38 and following





► SKIRTING BOARD PROFILES
page 6

► RADIATOR CONNECTION SYSTEMS
page 16

► RISER SECTIONS
page 18

The HZ system for perfect pre-wall installation

The advantages of pre-wall installation for modern heating systems are obvious: no need to chisel out chasing, no rubble in rooms which are occupied, no extra renovation work, quick installation times and lower costs.

State-of-the-art pre-wall installation includes cladding of heating pipes that are laid on top of plaster.

HZ supplies the matching system for cladding pipes.

Heating pipes parallel to the floor are concealed with high-quality [HZ skirting board profiles](#). A wide range of décors and skirting boards with different dimensions will meet practically any conceivable requirement. And HZ's simple fastening systems ensure quick and easy installation.

HZ offers [HZ riser sections](#) for vertical piping in U and L shapes in a total of seven different sizes. Pipes along walls and ceilings can be concealed easily. They are indispensable for cladding insulated risers.

Fast and attractive fitting of radiators can be achieved using the [HZ radiator connection systems](#) for pre-wall installation. They are available for all types of connections: press-fitting, screw-fitting and soldering. Using these connections will save you considerable time in pre-wall installation.

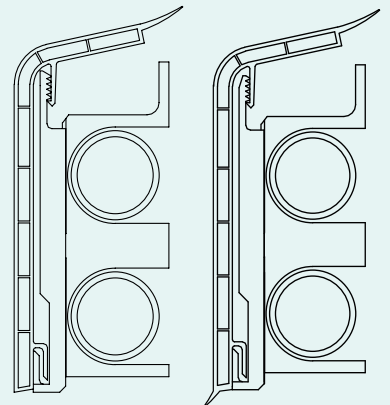
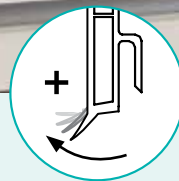
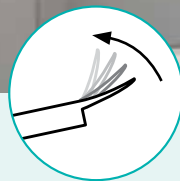
HZ products are specially designed to ensure easy installation. Fast and easy installation is possible even with difficult installation situations in older buildings.



SLF 2000

SKIRTING BOARD PROFILE

9 DÉCORS FOR THE CLADDING ARTIST



SLF 2000 The universal décor profile for pipes up to 22 mm

SLF Plus The profile for pipes up to 22 mm with additional sealing lip on the floor

The SLF 2000 profile is the universal skirting board profile for pipes up to Ø 22 mm. It is a robust plastic hollow space profile with a sealing lip on the wall to compensate for uneven walls. The profile material is extremely durable with very high impact resistance. Dummy skirting boards to match the SLF 2000 profile are available for walls without pipes (page 14).

Bracket art. no. 2150 is used to fasten the profile after laying the pipes, while bracket art. no. 2250 is used before laying pipes. The brackets are fastened with nail plug art. no. 208 or screw plug art. no. 209. For corners choose between HZ 2000 corners with corner brackets and the corners for special solutions. Installation with molded corner pieces for special solutions when more space is required makes corner brackets unnecessary.

▶ For help in selecting the right corner solution, pipes and skirting boards, see pages 30-31.

The corner brackets provide solid support for the profile and molded corner parts. No miter cut is needed. This saves valuable time during installation.

For a butt joint connection between two profiles, you can select between a butt joint bracket with a new molded butt joint part or butt joint connections for special solutions.

The profile is attached by pressing it against the wall from above in the brackets. The inner and outer corners are slid over the square-cut skirting boards onto the corner brackets.

With the SLF 2000 profile you can choose between nine décors with corresponding molded parts. For walls and floors with large uneven areas, we recommend using an additional sealing lip for an adhesive connection or the SLF PLUS profile with an additional sealing lip on the floor (see pages 22-23 and 37).

Brackets for the SLF 2000 & SLF PLUS series

Installation
see p. 20



HZ bracket **after**
laying pipe
(SCH 2150)



HZ bracket **before**
laying pipe
(SCH 2250)



HZ inside corner bracket
after laying pipe
(IE SCH 2151) for inside
corner molded parts



HZ outside corner bracket
after laying pipe
(AE SCH 2152) for outside
corner molded parts



HZ butt joint bracket
after laying pipes
(SV SCH 2158) for
butt joint molded parts

Molded parts for the SLF 2000 & SLF PLUS series

Installation
see p. 22



SLF 2000 profile
SLF PLUS profile



Inside corner



Outside corner



Butt joint



Left end
piece



Right end
piece



Inside corner
for special
solutions



Outside
corner
for special
solutions



Butt joint
for special
solutions

SLF 2000

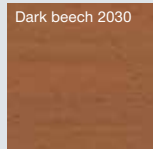
Maple 2010



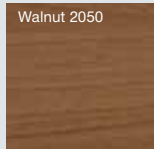
Light beech 2020



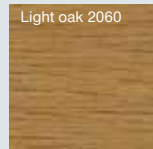
Dark beech 2030



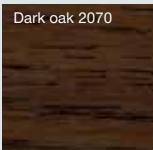
Walnut 2050



Light oak 2060



Dark oak 2070



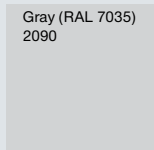
White ash 2040



White (RAL 9010)
2080



Gray (RAL 7035)
2090



SLF Plus

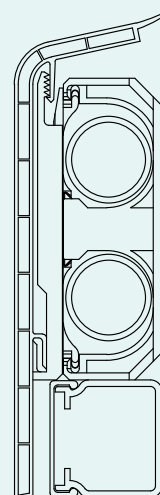
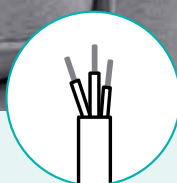
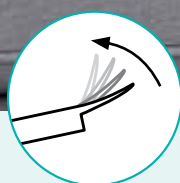
White (RAL 9010)
2680



Gray (RAL 7035)
2690



THE PROFILE WITH ADDED VALUE INSIDE



SLL 2000 Ideal for inserting a cable duct or a third pipe up to 22 mm

The SLL 2000 profile is used for additional laying of a cable duct (30 x 30 mm recommended) or when a third pipe is laid. It is a robust plastic hollow space profile with a sealing lip on the wall to compensate for uneven walls. Combined with the socket container, it is the ideal profile for modernizing your home, quickly and affordably. Bracket art. no. 2150 is used for fastening after laying the pipes, while bracket art. no. 2250 is used before laying pipes.

For help in selecting the right corner solution, pipes and skirting boards, see pages 30-31.

For corners choose between HZ 2000 corners with corner brackets and the corners for special solutions.

The profile is attached by pressing it against the wall from above. The inner and outer corners are simply slid over the square-cut skirting boards onto the corner brackets.

With the SLL 2000 profile you can choose between two décors with corresponding molded parts. The SLL profile is suitable for HZ radiator connections (see pages 16-17).

The socket container matching the SLL profile is suitable for sockets, antenna and phone outlets as well as outlets for data transmission. White plastic socket containers are available in two different designs.

Socket container art. no. 331

is suitable for GIRA S-COLOR Schuko sockets, for installation without frame, recess opening 62 x 62 mm. Also suitable for use with GIRA S-COLOR for antenna, data or phone.

Socket container art. no. 332

is suitable for GIRA system 55 Schuko sockets with full plate for individual installation, recess opening 73 x 73 mm. Also suitable for use with sockets and devices of other manufacturers (installer is responsible for checking suitability in advance).

The sockets and cable duct are not included with delivery!

Brackets for the SLL 2000 series

Installation
see p. 20



HZ bracket **after**
laying pipe
(SCH 2150)



HZ bracket **before**
laying pipe
(SCH 2250)



HZ inside corner bracket
after laying pipe
(IE SCH 2151) for inside
corner molded parts



HZ outside corner bracket
after laying pipe
(AE SCH 2152)

Molded parts for the SLL 2000 series

Installation
see pp. 24-25



SLL 2000 profile



Inside corner



Outside corner



Butt joint



Left end
piece



Right end
piece



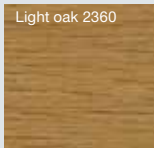
Inside corner for
special solutions



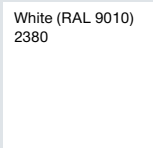
Outside corner
for special
solutions

SLL 2000

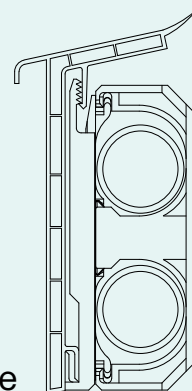
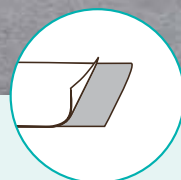
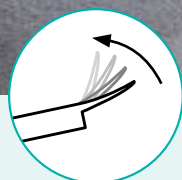
Light oak 2360



White (RAL 9010)
2380



THE CARPET PROFILE FOR VISUAL TRANSITIONS



SLT 2000 The carpeted floor profile with strong self-adhesive tape

The SLT 2000 profile is used when you want the carpet to determine the appearance of the skirting board. The profile has self-adhesive tape for laying the carpet. It is a robust plastic hollow space profile with a sealing lip on the wall to compensate for uneven walls. The profile material is extremely durable and features very high impact resistance. Matching dummy skirting boards are also available (see page 15).

Fastening is similar to the SLF 2000 profile with bracket art. no. 2150 after laying the pipes or bracket art. no. 2250 before laying the pipes. The bracket art. no. 2250 is especially suitable in this case for uneven walls. The brackets are fastened with nail plug art. no. 208 or screw plug art. no. 209.

For help in selecting the right corner solution, pipes and skirting boards, see pages 30-31.

For corners with the SLT 2000 profile, you can also choose between HZ 2000 corners with corner brackets and the corners for special solutions. The corner brackets provide solid support for the profile and molded corner parts. No miter cut is

needed when using the corner brackets. This saves valuable time during installation. The inside and outside corners for special solutions are used when more space is needed in the corners. This may happen with press-fit systems, for example. Then the corners are connected on the side to the miter-cut skirting boards.

The profile is attached by pressing it against the wall from above in the brackets. The inner and outer corners are slid over the square-cut skirting boards onto the corner brackets.

When used together with HZ radiator connections (on pages 16-17) you can achieve an impeccable visual effect. For walls with large uneven areas we recommend using an additional sealing lip for adhesion. For details see page 37.

Brackets for the SLT 2000 series

Installation
see p. 20



HZ bracket **after**
laying pipe
(SCH 2150)



HZ bracket **before**
laying pipe
(SCH 2250)



HZ inside corner bracket
after laying pipe
(IE SCH 2151)



HZ outside corner bracket
after laying pipe
(AE SCH 2152)

Molded parts for the SLT 2000 series

Installation
see p. 26



SLT 2000 profile



Inside corner



Outside corner



Butt joint



Left end
piece



Right end
piece



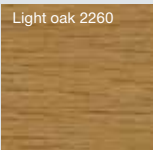
Inside corner for
special solutions



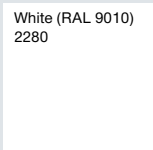
Outside corner for
special solutions

SLT 2000

Light oak 2260



White (RAL 9010)
2280

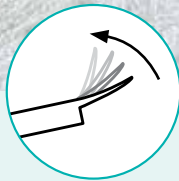




SLF 28-2000

SKIRTING BOARD PROFILE

THE PROFILE FOR LARGER SPACE REQUIREMENTS

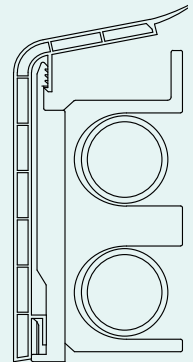


SLF 28-2000 For pipes up to 28 mm in two décors

The SLF 28-2000 profile is a robust plastic hollow space profile with a sealing lip on the wall to compensate for uneven walls. It is used for example with pipes up to 28 mm, press fittings up to 22 mm and with the HZ insulation hoses for pipes up to 22 mm.

For a detailed overview of different applications depending on which pipe is used, see pages 30-31. Corner brackets are not used with the SLF 28-2000 profile. This ensures maximum clearance in the corners during installation. The bracket art. no. 2450 is used for fastening. It provides all the advantages of bracket art. no. 2150 with enlarged dimensions.

The profile and matching molded parts are available in light oak and white décors.



For walls and floors with large uneven areas we recommend using an additional sealing lip. It can be glued either to the wall or to the skirting board on the floor. This makes it possible to extend the profile by up to 10 mm. The sealing lip and other accessory parts for the skirting boards can be found on page 37.

Brackets and molded parts for the SLF 28-2000 series

Installation
see p. 27



HZ bracket **after**
laying pipes
(SCH 2450)



SLF 28-2000 profile



Inside corner



Outside corner



Butt joint



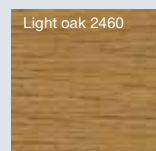
Left end
piece



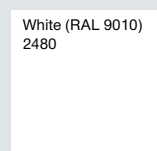
Right end
piece

SLF 28-2000

Light oak 2460



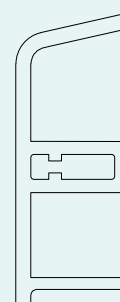
White (RAL 9010)
2480



SLHW

SKIRTING BOARD PROFILE

THE ROBUST HIGH-QUALITY SERIES



SLHW The wood-based skirting board

The SLHW skirting board, made of robust wooden material, is available in natural wood, light oak or abachi veneer. It is suitable for pipes up to 22 mm diameter with fitting for soldering and up to 18 mm diameter for press fitting.

We offer our miter box for precise miter cuts (see page 37). Please note that HZ insulation hoses (see page 37) laid under the skirting board reduce noise emission.

For a top-quality coat with the Natural profile, Caparol recommends sanding the profile and applying a primer coat

(Capacryl adhesive primer). Then apply an opaque coat with Capacryl silky gloss paint (various colors) or Capalac super white (similar to RAL 9010)

HW skirting boards with veneer are designed for glazing, waxing, staining, and applying clear varnish.

Molded parts for the SLHW series

Installation
see p. 28



SLHW profile

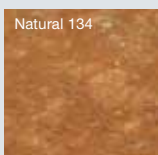


Left/right
end piece

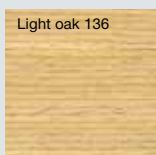


SLHW

Natural 134



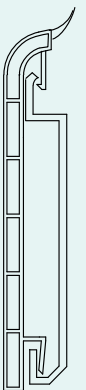
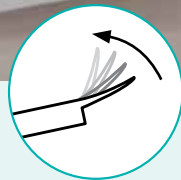
Light oak 136



Abachi 138



THE VERSATILE KEY TO ATTRACTIVE WALL CONNECTIONS



BLF Dummy skirting boards profiles made of plastic hollow chamber profile

We recommend using dummy skirting boards along walls with no heating pipes. They consist of a robust plastic hollow chamber profile with a sealing lip on the wall and are available in nine décors to fit skirting boards SLF 2000 and SLF Plus up to 22 mm.

Dummy skirting boards (BLF) are no problem to install with dummy skirting board holder (BLH) art. no. 155. The dummy skirting board holder is fastened in place with nail plug art. no. 204.

Dummy skirting board holders and molded parts for the BLF series

Installation
see p. 29



HZ Dummy skirting board holder



BLF profile



Inside corner for special solutions



Outside corner for special solutions



Butt joint

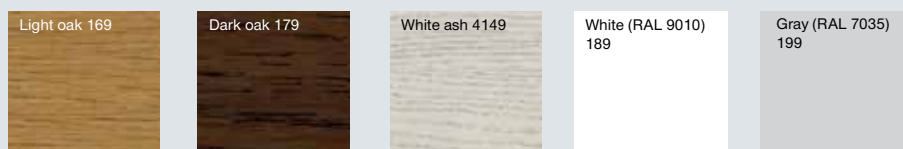
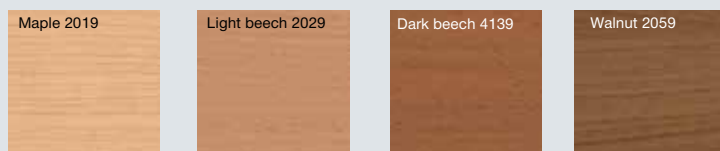


Left end piece



Right end piece

BLF





BLT/BL Dummy carpet skirting boards and solid wood décor boards

BLT: Dummy carpet skirting boards are used along walls where no pipes are laid. The dummy carpet skirting board BLT is made of a robust plastic hollow space profile and is fitted with a self-adhesive carpet tape for installation of the carpet floor.

The profile is available to fit the SLT 2000 profile (see pages 10-11) in décors light oak and white.



BL: Solid wood dummy skirting boards are available in two versions to fit solid wood and wood-material boards:

1. Solid abachi, natural wood
2. Solid abachi with genuine light oak wood veneer

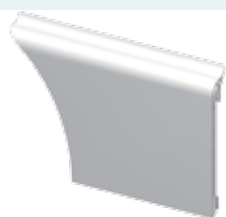
Both dummy skirting boards are untreated and can be glazed.

Precise miter cuts are required in the corners. Our miter box is available for precise miter cuts.



BLT/BL series

Installation
see p. 29



BLT profile

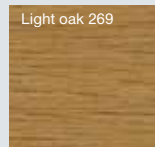


BL profile



BLT

Light oak 269



White (RAL 9010)
289



BL

Natural/can be
glazed 158



Genuine wood
veneer oak 159



FOR PRE-WALL INSTALLATION



**Installation see
pp. 32-35**

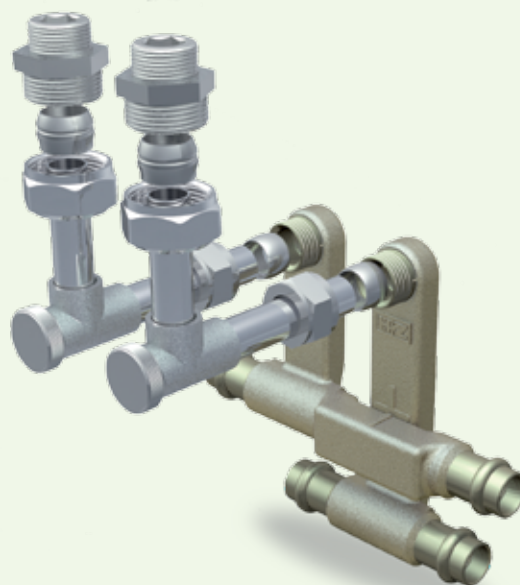


HKU The pre-wall radiator connection series for press-fitting, screw-fitting or soldering

Fast and visually appealing radiator connections can be achieved using the HZ radiator connection systems for pre-wall installation. Two-part HZ brass radiator connections HKU are available for various pipe types and dimensions and for different connecting types: Press-fitting with V or M contour for carbon steel and copper, screw connections 1/2" internal thread or 3/4" Eurocone for plastic pipe and solder connections up to 22 mm.

The HZ compensating angle screw shut-off (AWA) can be used to create a connection to the radiator with flexible height and depth, for right, left or center connection (exception: HKU 1445 R/ 1448 R for right/center).

Advantages of the integrated technology include a high flow rate capacity for the HKU and extended functionality for the AWA, which can be pre-set, shut off and also drained. HZ radiator connection groups save considerable time during installation and produce a perfect visual effect without extensive refinishing work.



Press-fitting
Cu/carbon steel



Screw-fitting
Plastic pipe



Soldering



**Installation
see p. 36**



HKU-UP The system for uncomplicated recessed installation

The recessed radiator connection is especially suitable for brickwork with its special elbows available in copper or stainless steel which are used to make a radiator connection from the wall.

It is designed for all HZ skirting boards and fits all pipe types and connection systems with customer-supplied T fittings and corner angle screw connections, especially for carbon steel and connection technology, press-fit or soldered.

The radiator connection HKU UP is used for a low connection height between the skirting board and radiator with variable connection depth

The HZ cover plate is used for cladding. This eliminates the need for later plastering and provides a way to inspect the installation.



1



**Make a recess opening - with a hole saw
Place HZ brackets**

2



**Lay pipe - in carbon steel or copper
pressed, soldered or plastic pipe
Install HZ connection elbows**

3



**Install the HZ cover plate - Install the radiator
and screw connection.
Snap on the HZ skirting board - done!**

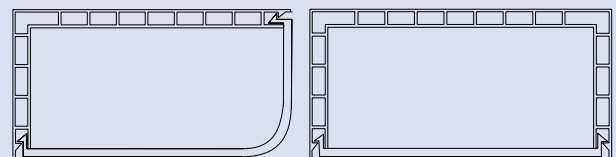
THE PROFILE SERIES THAT MAKES PIPES DISAPPEAR



STP riser sections in L shape and U shape

HZ riser sections are robust plastic hollow space profiles in seven different sizes, available as U-shaped or L-shaped profile. The impact and UV-resistant profiles have been dyed white all the way through. They are used mainly for vertical cladding of risers.

The L shape is specially designed for cladding of pipes in corners. They can also be used as skirting board profiles for larger pipe dimensions.



They are especially effective in covering insulated heating lines as specified by EnEV:

- . Fast and economical installation without extensive protection
- . Very stable connection with mounting brackets which still allows for inspection
- . Can be covered with acrylic paints or wallpaper
- . Extensive accessories: End covers, sealing lips, Inspection doors

The profiles are also suitable for cladding sanitary piping, ventilation pipes and externally located solar lines.

Riser sections, mounting bracket, end cover

Installation see
pp. 38-41



L-shaped riser section



Mounting bracket for L-shaped profile



U-shaped riser section



Mounting bracket for U-shaped profile



HZ end cover

Accessories FOR PERFECT INSTALLATION

Accessories for skirting boards, radiator connections and riser sections

Accessories for skirting boards and HKU

HZ offers an extensive range of accessories for efficient installation of skirting boards and radiator connections with flawless results. The HZ profiles can be extended up to 10 mm towards the wall or floor using the soft, self-adhesive sealing lip to compensate for uneven areas in the wall or floor.

The sealing lips are available in all matching colors for HZ plastic profiles. Notching pliers are excellent for ensuring neat work on skirting boards combined with HZ radiator connections. They save time when making recess openings, which can optionally be fitted with cover plates in matching décor. Make perfect straight and miter cuts quickly and neatly with the miter box. Includes matching holding fixtures specially designed for HZ profiles. The insulation hose is used mainly to reduce noise in sensitive areas with pre-wall installation of pipes.

STP accessories

An extensive range of accessories is available for versatile applications with riser sections. The white self-adhesive sealing lip is used to compensate for uneven areas in the wall.

The flexible butt joint covering profile is used to cover the butt joint between riser sections. Riser rosettes are used as a visually appealing cover for side pipe outlet. Rounding out the line of accessories are inspection doors in different dimensions and HZ riser junctions, which save space and time during installation when horizontal and vertical copper pipes cross.

Accessories for skirting boards, radiator connections and riser sections

Installation
see pp. 37/40

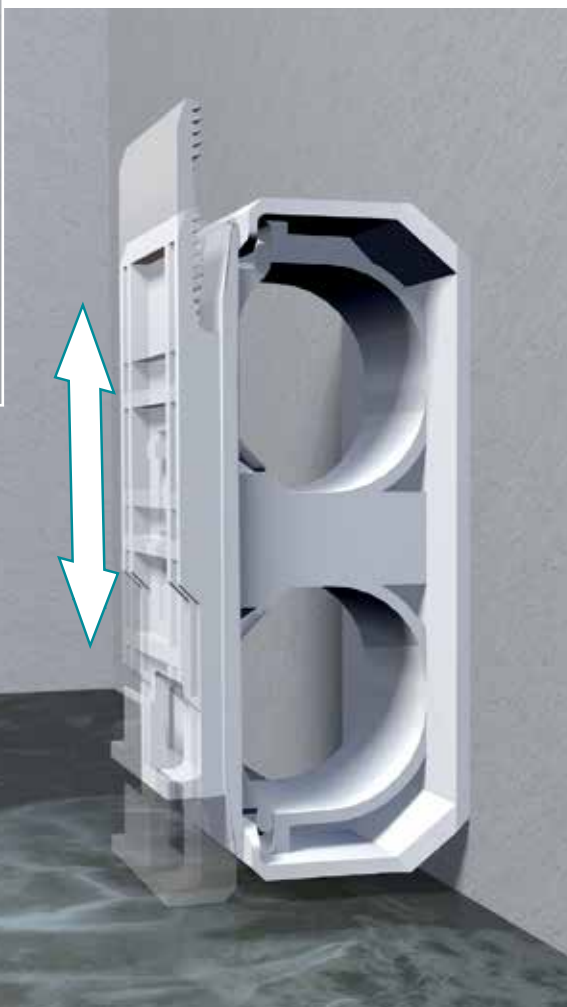


Accessories for skirting boards and HKU

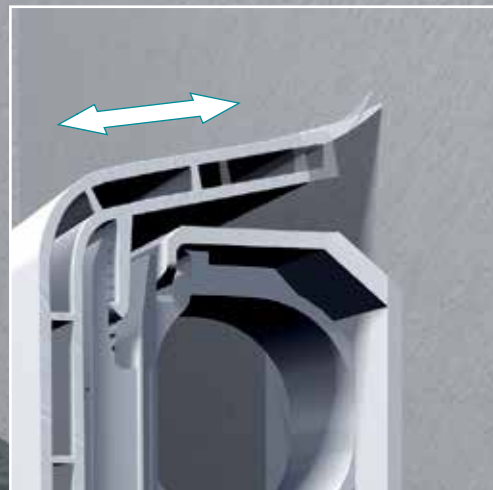


STP accessories





The fastening system with the bracket is the key to perfect skirting board installation. We have over 50 years of accumulated experience in this area and are continuously improving the technology to meet your demands. Flexible compensation against the wall, adjustable height from the floor and easy installation are what you've come to expect from HZ, not to mention fast installation times. Robust, fully considered engineering that keeps working even under tough construction conditions.



Open bracket 2150 for mounting after laying pipes*

- Two-part adjustable-height bracket
- Fastening with nail plug art. no. 208 or screw plug art. no. 209
- Brackets art. no. 2150 and art. no. 2250 can be combined
- Suitable for pipes up to 22 mm Ø and press-fit systems up to 18 mm Ø
- Adjustable-height slide with lock
- Additional fastening option with nail plug art. no. 204 for uneven walls



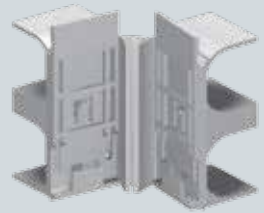
Closed bracket 2250 for mounting before laying pipes*

- Three-part adjustable-height bracket
- Use the clasp to close up the bracket after inserting the pipes
- Fastening with nail plug art. no. 208 or screw plug art. no. 209
- Brackets art. no. 2150 and art. no. 2250 can be combined
- Suitable for pipes up to 22 mm Ø and press-fit systems up to 18 mm Ø
- Large contact area with the wall ensures solid support on uneven walls and damaged plaster
- Adjustable-height slide with lock



Open inside corner bracket 2151 for installation after laying pipes

- The bracket fits corners from 85° to 100°
- Stable guide for pushing on the inside corner
- Fastening with nail plug art. no. 208 or screw plug art. no. 209
- Suitable for pipes up to 22 mm Ø and press-fit systems up to 18 mm Ø
- Adjustable-height slide with lock



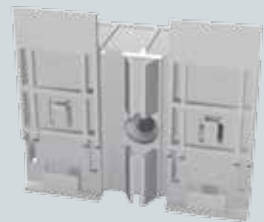
Open outside corner bracket 2152 for installation after laying pipes

- The bracket fits corners from 85° to 100°
- Stable guide for pushing on the outside corner
- Fastening with nail plug art. no. 208 or screw plug art. no. 209
- Suitable for pipes up to 22 mm Ø and press-fit systems up to 18 mm Ø
- Adjustable-height slide with lock



Open butt joint bracket 2158 for installation after laying pipes

- Stable guide for pushing the butt joint together
- Fastening with nail plug art. no. 208 or screw plug art. no. 209
- Suitable for pipes up to 22 mm Ø and press-fit systems up to 18 mm Ø
- Adjustable-height slide with lock



Open bracket 2450 for mounting after laying pipes*

- Two-part adjustable-height bracket
- Fastening with nail plug art. no. 210
- Suitable for pipes up to 28 mm Ø
- Adjustable-height slide with lock
- Additional fastening option with nail plug art. no. 204 for uneven walls



Brackets should not be spaced more than 50 cm apart.

For brackets art. nos. 2150, 2250 and 2450 please note: to ensure that mounting is not under any strain, we recommend positioning the bracket 1 – 3 mm from the floor

Which pipe goes with which skirting board? For further information see pages 28-29.



HZ bracket art. no. 2150 (SCH 2150)

Bracket for fastening over pipes after laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs., required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



HZ bracket art. no. 2250 (SCH 2250)

Bracket for fastening under pipes before laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs., required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



The bracket art. no. 2250 is especially suitable for uneven walls and soft or damaged plaster. We recommend placing the brackets every 50 cm. Brackets should be spaced more closely together on problematic walls.



HZ inside corner bracket art. no. 2151 (IE SCH 2151) Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with IE 2000, IET 2000 and IEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°. Packing unit: 40 pcs., required: 1 pce. per inside corner.



Nail plug art. no. 208 (ND 80-8)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. per bracket, 2 pcs. per corner bracket

For additional fastening of bracket 2150 please use article 204.



HZ outside corner bracket art. no. 2152 (AE SCH 2152) Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with AE 2000, AET 2000 and AEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°. Packing unit: 40 pcs., required: 1 pce. per outside corner.



Nail plug art. no. 209 (DHB 80-8)

Screw plug for hollow block and plasterboard walls. Packing unit: 50 pcs. required: 1 pce. per bracket, 2 pcs. per corner bracket

Please note: Torx contour



HZ butt joint bracket art. no. 2158 (SV SCH 2158)

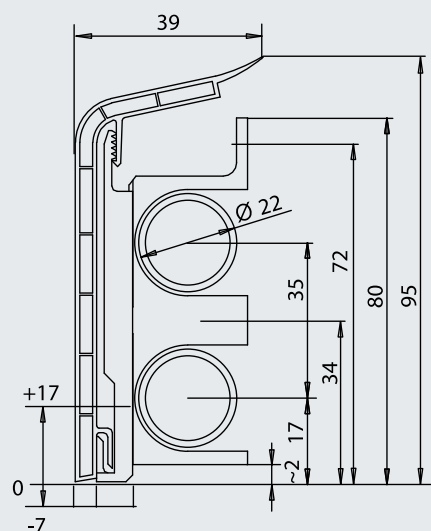
Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. Only in combination with butt joint SV 2000 in suitable décor. Packing unit: 40 pcs., required: 1 pce. per butt joint.



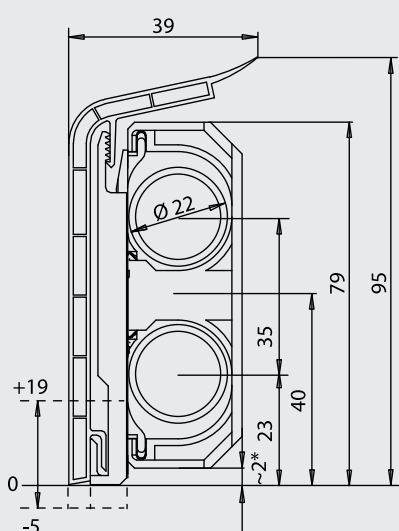
Nail plug art. no. 204 (ND 40-6)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. for additional fastening of bracket 2150.

SLF 2000

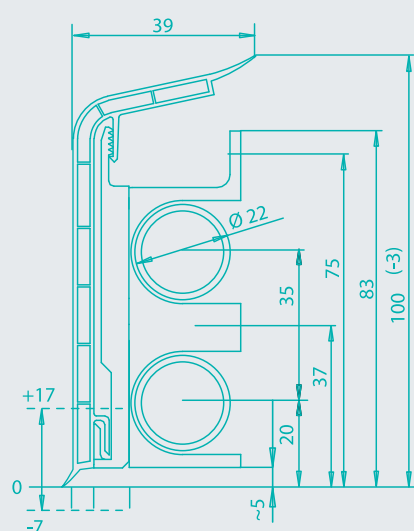


Dimensions of the SLF 2000 profile and bracket 2150 for installation after laying pipes



Dimensions of the SLF 2000 profile and bracket 2250 for installation before laying pipes

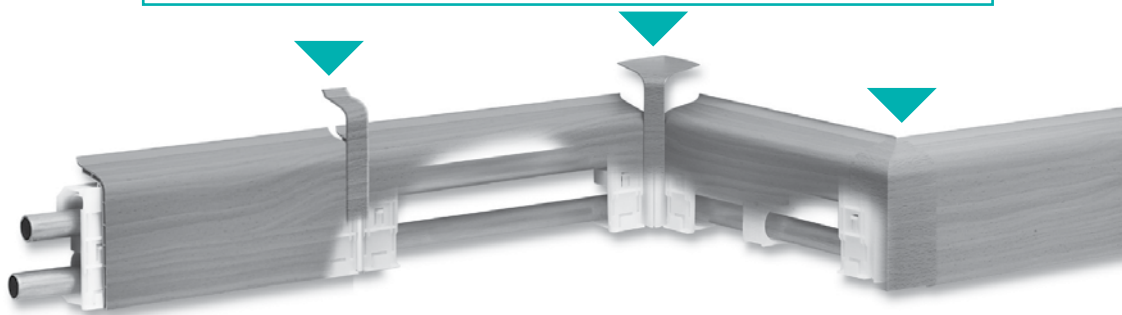
SLF Plus



Dimensions of the SLF PLUS profile and bracket 2150 for installation after laying pipes



When using the HZ 2000 inner corner, an inner corner bracket (art. no. 2151) is needed;
when using the HZ 2000 outer corner an outer corner bracket is needed (art. no. 2152);
when using a butt joint, a butt joint bracket (art. no. 2158) is needed.
When cutting profiles to size, shorten by 45 mm for each corner bracket.



Maple	Light beech	Dark beech	White ash	Walnut	Light oak	Dark oak	White (RAL 9010)	Gray (RAL 7035)
Art. no. 2010 (SLF 2000 A)	Art. no. 2020 (SLF 2000 BH)	Art. no. 2030 (SLF 2000 BD)	Art. no. 2040 (SLF 2000 EW)	Art. no. 2050 (SLF 2000 NB)	Art. no. 2060 (SLF 2000 EH)	Art. no. 2070 (SLF 2000 ED)	Art. no. 2080 (SLF 2000 W)	Art. no. 2090 (SLF 2000 G)
—	—	—	—	—	—	—	Art. no. 2680 (SLF W Plus)	Art. no. 2690 (SLF G Plus)
Art. no. 2011 (IE 2000 A)	Art. no. 2 2021 (IE 2000 BH)	Art. no. 2031 (IE 2000 BD)	Art. no. 2041 (IE 2000 EW)	Art. no. 2051 (IE 2000 NB)	Art. no. 2061 (IE 2000 EH)	Art. no. 2071 (IE 2000 ED)	Art. no. 2081 (IE 2000 W)	Art. no. 2091 (IE 2000 G)
Art. no. 2012 (AE 2000 A)	Art. no. 2022 (AE 2000 BH)	Art. no. 2032 (AE 2000 BD)	Art. no. 2042 (AE 2000 EW)	Art. no. 2052 (AE 2000 NB)	Art. no. 2062 (AE 2000 EH)	Art. no. 2072 (AE 2000 ED)	Art. no. 2082 (AE 2000 W)	Art. no. 2092 (AE 2000 G)
Art. no. 2018 (SV 2000 A)	Art. no. 2028 (SV 2000 BH)	Art. no. 2038 (SV 2000 BD)	Art. no. 2048 (SV 2000 EW)	Art. no. 2058 (SV 2000 NB)	Art. no. 2068 (SV 2000 EH)	Art. no. 2078 (SV 2000 ED)	Art. no. 2088 (SV 2000 W)	Art. no. 2098 (SV 2000 G)
Art. no. 2014 (ES A left)	Art. no. 2024 (ES BH left)	Art. no. 4134 (ES BD left)	Art. no. 4144 (ES EW left)	Art. no. 2054 (ES NB left)	Art. no. 164 (ES EH left)	Art. no. 174 (ES ED left)	Art. no. 184 (ES W left)	Art. no. 194 (ES G left)
Art. no. 2015 (ES A right)	Art. no. 2025 (ES BH right)	Art. no. 4135 (ES BD right)	Art. no. 4145 (ES EW right)	Art. no. 2055 (ES NB right)	Art. no. 165 (ES EH right)	Art. no. 175 (ES ED right)	Art. no. 185 (ES W right)	Art. no. 195 (ES G right)
Art. no. 2016 (IE A)	Art. no. 2026 (IE BH)	Art. no. 4131 (IE BD)	Art. no. 4141 (IE EW)	Art. no. 2056 (IE NB)	Art. no. 161 (IE EH)	Art. no. 171 (IE ED)	Art. no. 181 (IE W)	Art. no. 191 (IE G)
Art. no. 2017 (AE A)	Art. no. 2027 (AE BH)	Art. no. 4132 (AE BD)	Art. no. 4142 (AE EW)	Art. no. 2057 (AE NB)	Art. no. 162 (AE EH)	Art. no. 172 (AE ED)	Art. no. 182 (AE W)	Art. no. 192 (AE G)
Art. no. 2013 (ST A)	Art. no. 2023 (ST BH)	Art. no. 4133 (ST BD)	Art. no. 4143 (ST EW)	Art. no. 2053 (ST NB)	Art. no. 163 (ST EH)	Art. no. 173 (ST ED)	Art. no. 183 (ST W)	Art. no. 193 (ST G)



HZ bracket art. no. 2150 (SCH 2150)

Bracket for fastening over pipes after laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs., required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



HZ bracket art. no. 2250 (SCH 2250)

Bracket for fastening under pipes before laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs., required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



HZ inside corner bracket art. no. 2151 (IE SCH 2151)

Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with IE 2000, IET 2000 and IEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°.
Packing unit: 40 pcs., required: 1 pce. per inside corner.



HZ outside corner bracket art. no. 2152 (AE SCH 2152)

Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with AE 2000, AET 2000 and AEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°.
Packing unit: 40 pcs., required: 1 pce. per outside corner.



Nail plug art. no. 208 (ND 80-8)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs required: 1 pce. per bracket, 2 pcs. per corner bracket
For additional fastening of bracket 2150 please use article 204!











Nail plug art. no. 209 (DHB 80-8)

Screw plug for hollow block and plasterboard walls. Packing unit: 50 pcs. required: 1 pce. per bracket, 2 pcs. per corner bracket
Please note: Torx contour



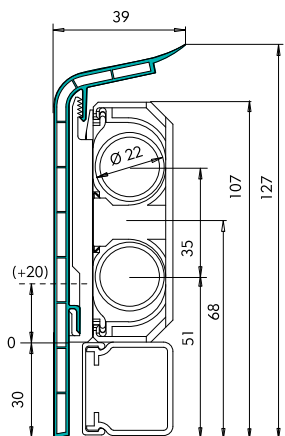
Nail plug art. no. 204 (ND 40-6)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. for additional fastening of bracket 2150.

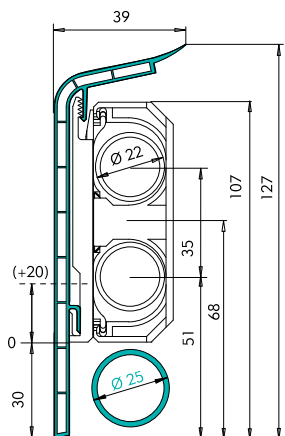
	Light oak	White (RAL 9010)
	SLL 2000 profile Skirting board for cable duct or 3rd pipe made of plastic hollow chamber profile Packing unit: 40 m Length 4 m	Art. no. 2360 (SLL 2000 EH) Art. no. 2380 (SLL 2000 W)
	Inside corner PLEASE NOTE: Only in combination with IE SCH 2151 Packing unit: 10 pcs.	Art. no. 2361 (IEL 2000 EH) Art. no. 2381 (IEL 2000 W)
	Outside corner PLEASE NOTE: Only in combination with AE SCH 2152 Packing unit: 10 pcs.	Art. no. 2362 (AEL 2000 EH) Art. no. 2382 (AEL 2000 W)
	Butt joint Packing unit: 10 pcs.	Art. no. 363 (STL EH) Art. no. 383 (STL W)
	End piece left Packing unit: 10 pcs.	Art. no. 364 (ESL EH links) Art. no. 384 (ESL W links)
	End piece right Packing unit: 10 pcs.	Art. no. 365 (ESL EH right) Art. no. 385 (ESL W right)
	Inside corner for special solutions for working without inside corner bracket Packing unit: 10 pcs.	Art. no. 361 (IEL EH) Art. no. 381 (IEL W)
	Outside corner for special solutions for working without outside corner bracket Packing unit: 10 pcs.	Art. no. 362 (AEL EH) Art. no. 382 (AEL W)



Sample installation of SLL 2000 in combination with cable duct and socket container



Dimensions of the SLL 2000 profile, here with bracket 2250 and standard commercial cable duct e.g. Tehalit 30 x 30 mm



Dimensions of the SLL 2000 profile, here with bracket 2250 and in combination with a third pipe as per Rietschel-Henneberg



HZ socket container

Art. no. 331

(SDC 62 x 62)

Socket container: Plastic, white, similar to RAL 9010, recess opening 62 x 62 mm.

Suitable for GIRA S-COLOR Schuko sockets, which are not included with delivery. For installation without frame. Container consists of rear and front wall for easy installation. Also suitable for use with GIRA S-COLOR for antenna, data or phone.



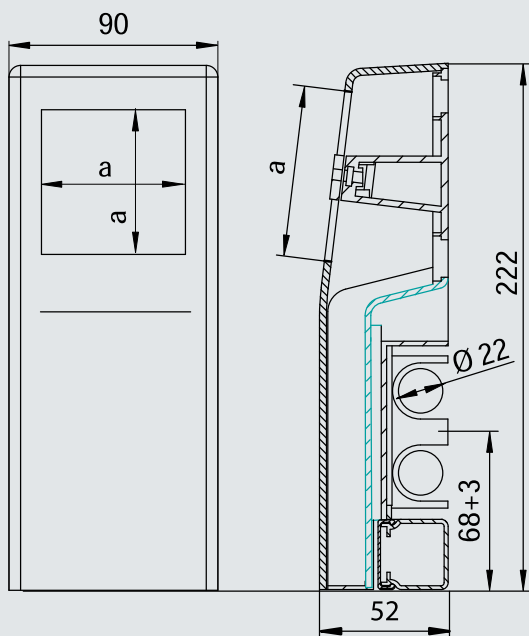
HZ socket container

Art. no. 332

(SDC 73 x 73)

Socket container: Plastic, white, similar to RAL 9010, recess opening 73 x 73 mm.

Suitable for GIRA system 55 Schuko sockets with full plate, which is not included with delivery. Container consists of rear and front wall for easy installation. Also suitable for use with sockets and devices of other manufacturers (installer is responsible for checking suitability in advance).



The test report for the information test of the VDE institute dated 06/21/96, file number 19692-8100-4001-A3D, is available for viewing from Hans Weitzel GmbH & Co. KG. Please request our separate planning notes and installation guidelines.

Installation requirements:

1. Feed line always upper line
2. Return line always lower line
3. Use 30 x 30 mm cable duct with VDE approval symbol.
(for example Tehalit LF 30030)
4. Separate planning notes and installation guidelines must always be observed.



HZ bracket art. no. 2150 (SCH 2150)

Bracket for fastening over pipes after laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs, required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



HZ bracket art. no. 2250 (SCH 2250)

Bracket for fastening under pipes before laying pipes, up to 22 mm. Suitable for all HZ SLF 2000, HZ SLF Plus, HZ SLT 2000 and HZ SLL 2000 profiles.
Packing unit: 40 pcs, required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



HZ inside corner bracket art. no. 2151 (IE SCH 2151)

Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with IE 2000, IET 2000 and IEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°.
Packing unit: 40 pcs, required: 1 pce. per inside corner.



HZ outside corner bracket art. no. 2152 (AE SCH 2152)

Bracket for fastening over pipes after laying pipes, up to 22 mm, for press-fit systems up to 18 mm. For use with AE 2000, AET 2000 and AEL 2000 only, in suitable décor. The bracket fits corners from 85°-100°.
Packing unit: 40 pcs., required: 1 pce. per outside corner.



Nail plug art. no. 208 (ND 80-8)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. per bracket, 2 pcs. per corner bracket. For additional fastening of bracket 2150 please use article 204!



Nail plug art. no. 209 (DHB 80-8)

Screw plug for hollow block and plasterboard walls. Packing unit: 50 pcs. required: 1 pce. per bracket, 2 pcs. per corner bracket
Please note: Torx contour



Carpet profile
Skirting board for carpet installation with self-adhesive tape
Packing unit: 40 m
Length 4 m



Inside corner
PLEASE NOTE: Only in combination with IE SCH 2151
Packing unit: 10 pcs.



Outside corner
PLEASE NOTE: Only in combination with AE SCH 2152
Packing unit: 10 pcs.



Butt joint
Packing unit: 10 pcs.



End piece left
Packing unit: 10 pcs.



End piece right
Packing unit: 10 pcs.



Inside corner for special solutions
for working without inside corner bracket
Packing unit: 10 pcs.

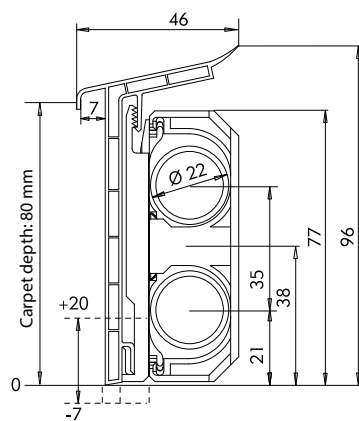


Outside corner for special solutions
for working without outside corner bracket
Packing unit: 10 pcs.

	Light oak	White (RAL 9010)
Carpet profile Skirting board for carpet installation with self-adhesive tape Packing unit: 40 m Length 4 m	Art. no. 2260 (SLT 2000 EH)	Art. no. 2280 (SLT 2000 W)
Inside corner PLEASE NOTE: Only in combination with IE SCH 2151 Packing unit: 10 pcs.	Art. no. 2261 (IET 2000 EH)	Art. no. 2281 (IET 2000 W)
Outside corner PLEASE NOTE: Only in combination with AE SCH 2152 Packing unit: 10 pcs.	Art. no. 2262 (AET 2000 EH)	Art. no. 2282 (AET 2000 W)
Butt joint Packing unit: 10 pcs.	Art. no. 263 (STT EH)	Art. no. 283 (STT W)
End piece left Packing unit: 10 pcs.	Art. no. 264 (EST EH left)	Art. no. 284 (EST W left)
End piece right Packing unit: 10 pcs.	Art. no. 265 (EST EH right)	Art. no. 285 (EST W right)
Inside corner for special solutions for working without inside corner bracket Packing unit: 10 pcs.	Art. no. 261 (IET EH)	Art. no. 281 (IET W)
Outside corner for special solutions for working without outside corner bracket Packing unit: 10 pcs.	Art. no. 262 (AET EH)	Art. no. 282 (AET W)

When using the HZ 2000 inner corner, an inner corner bracket (art. no. 2151) is needed; when using the HZ 2000 outer corner an outer corner bracket is needed (art. no. 2152). When cutting profiles to size, shorten by 45 mm for inside each corner bracket. We recommend placing the brackets every 50 cm. Brackets should be spaced more closely together on problematic walls.

The self-adhesive tape is only suitable for carpet floors with smooth foam coating. An additional contact adhesive or an additional double adhesive tape is required for other carpet floors.



Dimensions of the SLT 2000 profile, with bracket 2250



HZ bracket art. no. 2450 (SCH 2450)

Bracket for fastening over pipes after laying pipes, up to 28 mm. Suitable for all HZ SLF 28-2000 profiles. Packing unit: 40 pcs, required: 2 pcs. per meter. To ensure strain-free mounting, we recommend a distance of 1-3 mm between the floor and the bracket.



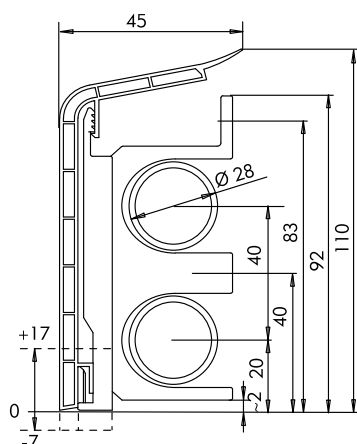
Nail plug art. no. 210 (ND 100-8)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. per bracket SCH 2450. The nail plug is also suitable for a soft subsurface for all other HZ 2000 brackets.



Nail plug art. no. 204 (ND 40-6)

Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 1 pce. for additional fastening of bracket 2450. Please note: Torx contour



Dimensions of the SLF 28-2000 profile and bracket 2450

	Light oak	White (RAL 9010)
SLF 28-2000 profile Skirting board for pipes up to 28 mm made of plastic hollow space profile Packing unit: 40 m Length 4 m	Art. no. 2460 (SLF 28-2000 EH)	Art. no. 2480 (SLF 28-2000 W)
Inside corner Packing unit: 10 pcs.	Art. no. 5161 (IE 28 EH)	Art. no. 5181 (IE 28 W)
Outside corner Packing unit: 10 pcs.	Art. no. 5162 (AE 28 EH)	Art. no. 5182 (AE 28 W)
Butt joint Packing unit: 10 pcs.	Art. no. 5163 (ST 28 EH)	Art. no. 5183 (ST 28 W)
End piece left Packing unit: 10 pcs.	Art. no. 5164 (ES 28 EH links)	Art. no. 5184 (ES 28 W left)
End piece right Packing unit: 10 pcs.	Art. no. 5165 (ES 28 EH right)	Art. no. 5185 (ES 28 W right)





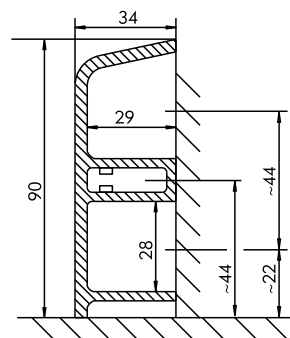
We recommend placing the brackets every 50 cm. Brackets should be spaced more closely together on problematic walls.

Wood-material skirting board

Made of robust wooden material
for pipes up to 22 mm



	Natural	Genuine wood veneer oak	Abachi
 SLHW wood-material skirting board Skirting board for pipes up to 18 mm Ø press-fit and up to 22 mm Ø solder fitting packing unit: 20 m Length 4 m	Art. no. 134 (SLHW can be painted)	Art. no. 136 (SLHW EH can be glazed)	Art. no. 138 (SLHW A can be glazed)
 End piece End piece suitable for art. nos. 134, 136, and 138. Can be used right and left. Packing unit: 1 pces.	Art. no. 133 (HW E)		



Dimensions of SLHW



Suitable HZ radiator connections for SLHW

Pipe Ø	Solder (copper)	Press-fit (copper/carbon steel)
Up to 18 mm	HKU 1015 / 1018 Pre-wall connection with spring elbow HKU UP 1616 Recessed connection with T solder fitting on both sides	HKU 1515 / 1518 Pre-wall connection with spring elbow HKU UP 1616 / 1626 Recessed connection with customer-supplied T press fitting
Up to 22 mm	HKU UP 1616 Recessed connection with T solder fitting on both sides	
Pipe Ø	Plastic multilayer pipes (* * for 20 mm check installation space conditions)	
16-20 mm	HKU UP 1616 / 1626 Recessed connection with pipe-specific T-piece and transition piece supplied by customer HKU 1515 / 1518 Pre-wall connection with spring elbow, with pipe-specific copper transition piece for press fitting 15/18	



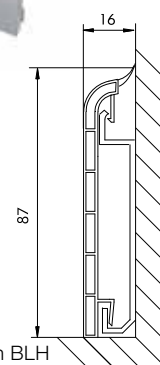
Cheese-head screws or drywall screws are used for the fastening. The profile is precisely mitered in the corners. The SLHW skirting board is suitable for painting only (NOT for glazing).

Wood-material boards are suitable for cladding copper pipes, soldered up to Ø 22 mm, copper and carbon steel pipes up to Ø 18 mm (press-fit) and for multilayer pipes up to Ø 20 mm. Special instructions for storage and use:

Storage at temperature: 15°C-25°C, rel. humidity: 50%-65%. Do not store outdoors. Leave the profiles unpacked and open in the installation room for at least 48 hours before installation to allow them to acclimate. Protect the surface of the profiles from dirt and moisture until they are sealed or painted. Always factor in compensation for expansion: 2-3 mm to adjacent walls and also 2-3 mm for lengthwise butt joints extending over 4 m that will be filled later.

Dummy skirting boards

Made of plastic hollow space profile for pipes up to 22 mm



HZ dummy skirting board holder art. no. 155 (BLH)

Dummy skirting board holder for fastening BLF dummy skirting boards. BLT and BL dummy skirting boards are fastened with screws only, without the dummy skirting board holder.

Packing unit: 40 pcs, required: 2 pcs. per meter.

Space the dummy skirting board holders 50 cm apart.



Nail plug art. no. 204 (ND 40-6)

Nail plug with countersunk head and threaded nail.

Packing unit: 50 pcs, required: 1 pcs.

Please note: Torx contour



The molded parts of SLF 2000 profiles shown below have a designated breaking point on the bottom. We recommend shortening the molded part with a carpet knife or scissors at the designated breaking point. Then they can be used as molded parts for dummy skirting boards. The inside corner for special solutions can also be used for the transition from skirting board to dummy skirting board

Dimensions of BLF with BLH

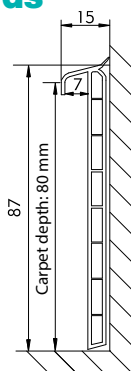
		Maple	Light beech	Dark beech	White ash	Walnut	Light oak	Dark oak	White (RAL 9010)	Gray (RAL 7035)
	Dummy skirting boards Made of plastic hollow chamber profile Packing unit: 40 m Length 4 m	Art. no. 2019 (BLF A)	Art. no. 2029 (BLF BH)	Art. no. 4139 (BLF BD)	Art. no. 4149 (BLF EW)	Art. no. 2059 (BLF NB)	Art. no. 169 (BLF EH)	Art. no. 179 (BLF ED)	Art. no. 189 (BLF W)	Art. no. 199 (BLF G)
	Inside corner for special solutions for BLF or transition from BLF to SLF 2000, Packing unit: 10 pcs.	Art. no. 2016 (IE A)	Art. no. 2026 (IE BH)	Art. no. 4131 (IE BD)	Art. no. 4141 (IE EW)	Art. no. 2056 (IE NB)	Art. no. 161 (IE EH)	Art. no. 171 (IE ED)	Art. no. 181 (IE W)	Art. no. 191 (IE G)
	Outside corner for special solutions for BLF, Packing unit: 10 pcs.	Art. no. 2017 (AE A)	Art. no. 2027 (AE BH)	Art. no. 4132 (AE BD)	Art. no. 4142 (AE EW)	Art. no. 2057 (AE NB)	Art. no. 162 (AE EH)	Art. no. 172 (AE ED)	Art. no. 182 (AE W)	Art. no. 192 (AE G)
	Butt joint Packing unit: 10 pcs.	Art. no. 2013 (ST A)	Art. no. 2023 (ST BH)	Art. no. 4133 (ST BD)	Art. no. 4143 (ST EW)	Art. no. 2053 (ST NB)	Art. no. 163 (ST EH)	Art. no. 173 (ST ED)	Art. no. 183 (ST W)	Art. no. 193 (ST G)
	End piece left Packing unit: 10 pcs.	Art. no. 2014 (ES A left)	Art. no. 2024 (ES BH left)	Art. no. 4134 (ES BD left)	Art. no. 4144 (ES EW left)	Art. no. 2054 (ES NB left)	Art. no. 164 (ES EH left)	Art. no. 174 (ES ED left)	Art. no. 184 (ES W left)	Art. no. 194 (ES G left)
	End piece right Packing unit: 10 pcs.	Art. no. 2015 (ES A right)	Art. no. 2025 (ES BH right)	Art. no. 4135 (ES BD right)	Art. no. 4145 (ES EW right)	Art. no. 2055 (ES NB right)	Art. no. 165 (ES EH right)	Art. no. 175 (ES ED right)	Art. no. 185 (ES W right)	Art. no. 195 (ES G right)

BLT

BL

Plastic dummy carpet skirting boards

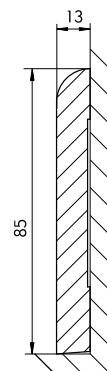
	Light oak	White (RAL 9010)
	Dummy carpet skirting board with self-adhesive tape, matches SLT 2000. Packing unit: 40 m Length 4 m (assembly without BHL)	Art. no. 269 (BLT EH) Art. no. 289 (BLT W)



Dimensions of BLT

Solid wood dummy skirting boards

	Natural	Light oak
	Wooden dummy skirting board HZ dummy skirting board made of solid abachi Packing unit: 40 m Length 4 m	Natural/can be glazed Art. no. 158 (BL A) Genuine wood veneer Art. no. 159 (BL EH)

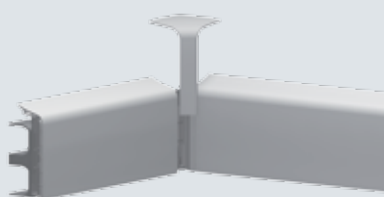


Dimensions of BHL

Variant A

Use inside and outside corner molded parts in the respective décor plus outside corner bracket (for SLF 2000, SLT 2000, SLL 2000). Corners can be covered between 85°-100°.

The profile is square-cut to size.



Variant B

Use inside and outside molded parts for special solutions without corner bracket (for SLF 2000, SLT 2000, SLL 2000). Corners can be covered between 85°-100°.

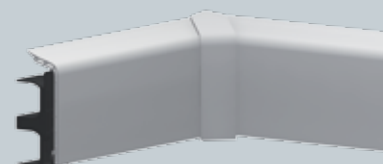
The profile is cut with a MITER.



Variant C

Use profile **SLF 28-2000** with the corresponding inside and outside molded parts without a corner bracket.

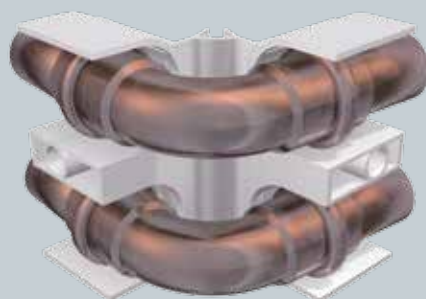
The profile is cut with a MITER.



Which of the different installation options is used depends on how much space is needed.

Profile type B or C and the way they are used ensure problem-free installation when more space is needed. More space is needed for example if larger diameter pipes are used, in part because of the larger fittings and bending radii required

Fittings and pipes of different providers were tested in conjunction with the installation of the HZ 2000 system in a 90° corner. The following solution options for installation with different pipe diameters have been developed (see page on next page):

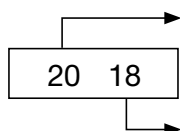


Please note: When laying the inside and outside corner bracket, the maximum external diameter of the fitting and pipe should be checked if the system is not listed on the next page.

Pipe systems Matching variants of different pipe providers

Provider	Name of system	Variant A		Variant B		Variant C	
		w. fitting	bent	w. fitting	bent	w. fitting	bent
Aquatherm	Aquatherm SHT	16	16	20	20*	20	20
Fränkische	Alpex F 50 Profi	16	16	20	20*	26	20
Geberit	Mepla	20	16	20	20	26	20
	Mapress copper	18	-	18	-	22	-
	Mapress carbon steel	18	-	18	-	22	-
Georg Fischer JRG	Sanipex MT	16	16	16	20	20	20
Giacomini	R 977 Multiflex	16	16	20	20*	20	20
Oventrop	Copipe / Cofit	20	18	20	20*	26	20
Racmet	Steelpress	18	-	18	-	22	-
Rehau	Rautitan stabil	16	16	20	20*	20	20
Rotex	Rotex VA	20	16	20	20*	25	20
Roth	Roth aluminum Laserplus	17	17	20*	20*	25	20
Sanha	Sanha Press	18	-	18	-	22	-
	Sanha Therm	18	-	18	-	22	-
	MultiFit-PEX Press	20	16	20	20*	20	20
TECE	TECE flex	20	16	20	20*	25	20
Uponor	MLC Press	20	16	20	18*	20	20
Viega	Profipress	18	-	18	-	22	-
	Presstabo	18	-	18	-	22	-
	Raxofix	16	16	16	20*	20	20
	Sanfix Fosta	16	16	20	20*	25	20
General	Copper / carbon steel: Press	18	-	18	-	22	-
General	Copper: Solder	22	-	22	-	28	-

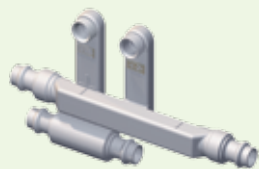
Explanations:



1. The value "w. fitting" indicates the maximum external diameter of the pipe for use with fittings (system-specific 90° angles/elbows).
2. The value "bent" indicates the maximum external diameter of the pipe with hand bending. (elbow with compression spring, bending radius = 3 x external diameter of pipe).

*Chiseling out recess on wall for outside corner (with hand bending with spring, bending radius = 3 x external diameter of pipe). (Chiseling out is not needed when the bending radius is < 2.5 x external diameter of pipe if a bending tool is used. Observe the pipe manufacturer's instructions!)

Fittings and pipes of different providers were tested in conjunction with the installation of the HZ 2000 on 90° inside and outside corners
State of the art as of: January 2005. The table is not intended to be complete.

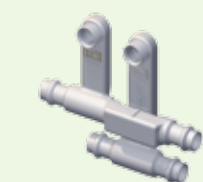
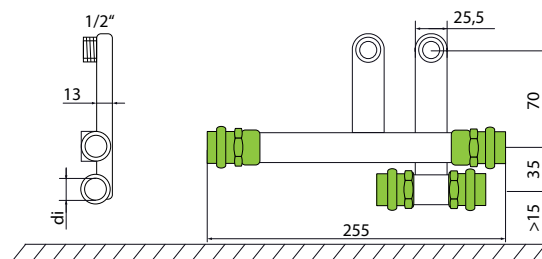


HKU art. no. 1445/1448

HKU two-part for press-fitting, copper and carbon steel

The two-part HZ brass radiator connection is suitable for press-fit systems in copper and steel with "V" contour. It can be used for right, left and center connection on the radiator. Due to the flat return line, there is no need to chisel out the wall. HKU with press fittings in "V" contour, suitable for AWA-E, AWA, PBV and PBV-L.

Art. no. 1445 (HKU U 15 VP), di = 15 mm
Art. no. 1448 (HKU U 18 VP), di = 18 mm

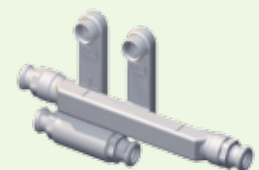
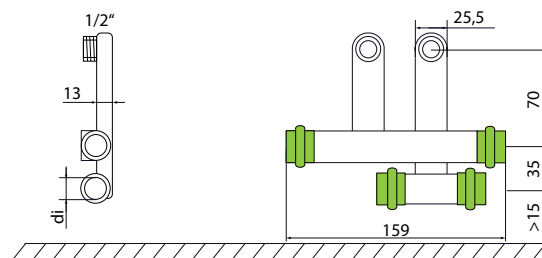


HKU art. no. 1445R/1448R

HKU two-part for press-fitting, copper and carbon steel (right)

The two-part HZ brass radiator connection is suitable for press-fit systems in copper and steel with "V" contour. It can be used for right and center connection to the radiator. Due to the flat return line, there is no need to chisel out the wall. HKU with press fittings in "V" contour, suitable for AWA-E, AWA, PBV and PBV-L.

Art. no. 1445 R (HKU R 15 VK), di = 15 mm
Art. no. 1448 R (HKU R 18 VK), di = 18 mm

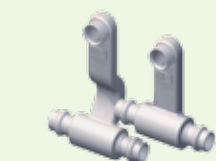
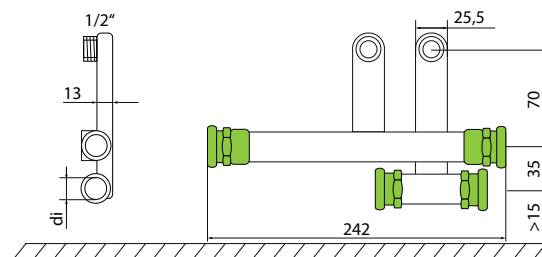


HKU art. no. 1465/1468

HKU two-part for press-fitting, copper and carbon steel

The two-part HZ brass radiator connection is suitable for press-fit systems in copper and steel with "M" contour. It can be used for right, left and center connection on the radiator. Due to the flat return line, there is no need to chisel out the wall. HKU with press fittings in "M" contour, suitable for AWA-E, AWA, PBV and PBV-L.

Art. no. 1465 (HKU 15 M), di = 15 mm
Art. no. 1468 (HKU 18 M), di = 18 mm



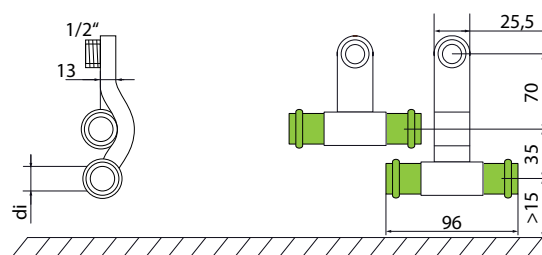
HKU art. no. 1515/1518

HKU two-part for press-fitting, copper and carbon steel

The two-part HZ brass radiator connection is suitable for press-fit systems in copper and steel with "V" contour. It can be used for right, left and center connection on the radiator. In the area where the feed line and reverse line cross, chisel out a recess in the plaster about 15 mm in depth and about 30 mm wide for the radiator connection. HKU with press fittings in "V" contour, suitable for AWA-E, AWA, PBV and PBV-L.

Art. no. 1515 (HKU 15 VK), di = 15 mm
Art. no. 1518 (HKU 18 VK), di = 18 mm

The wood-material skirting board SLHW (page 28) can be used for the HZ radiator connection for pipe diameters 15 mm and 18 mm. To do this use pincers to remove the center ridge on the skirting board in the area of the connection.



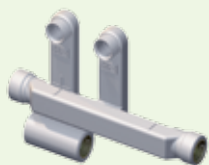
Important for all HZ radiator connections for press-fit, screw-fit and soldering:

The upper pipeline is the feed line. The lower pipeline is the return line. The following minimum distances between the connecting thread of the radiator and the finished floor must be taken into consideration when using HZ skirting board profiles:

- When using SLF, SLT and SLHW - at least 165 mm
- When using SLF 28 - at least 180 mm
- When using SLL - at least 190 mm
- When using SLHW, radiator connections

art. no. 1015/1018 with DN 15 and DN 18 and art. no. 1515/1518 can be used. For hard soldering we recommend Braze Tec soldering flux Degussa H and Braze Tec hard solder Degussa 4576. If strain-free expansion of the pipe is not possible, use standard commercial compensators.

If strain-free expansion of the pipe is not possible, use standard commercial compensators.



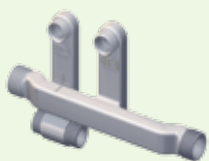
HKU art. no. 1412

HKU two-part with 1/2" internal thread

The two-part HZ brass radiator connection with 1/2" internal thread is specially designed for transition screw connections with plastic multilayer pipes. It can be used for right, left and center connection to the radiator. Due to the flat return line, there is no need to chisel out the wall. Suitable AWA-E, AWA, PBV and PBV-L.

Art. no. 1412 (HKU 1/2 I), di = 1/2" internal thread

Ask your multilayer pipe manufacturer for the correct transition screw connection.



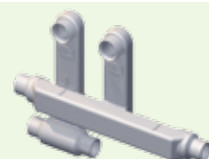
HKU art. no. 1434

HKU two-part with 3/4" Eurocone

The two-part HZ brass radiator connection with 3/4" external thread Eurocone is specially designed for transition screw connections with plastic multilayer pipes. It can be used for right, left and center connection to the radiator. Due to the flat return line, there is no need to chisel out the wall. Suitable AWA-E, AWA, PBV and PBV-L.

Art. no. 1434 (HKU 3/4 E), de = 3/4" AG Eurocone

Ask your multilayer pipe manufacturer for the correct transition screw connection.



HKU art. no. 1415/1418

HKU two-part for soldering

The two-part HZ brass radiator connection is designed for soldering with copper pipes. It can be used for right, left and center connection to the radiator. Due to the flat return line, there is no need to chisel out the wall. Suitable AWA-E, AWA, PBV and PBV-L.

Art. no. 1415 (HKU 15), di = 15 mm, de = 18 mm

Art. no. 1418 (HKU 18), di = 18 mm, de = 22 mm



HKU art. no. 1015/1018

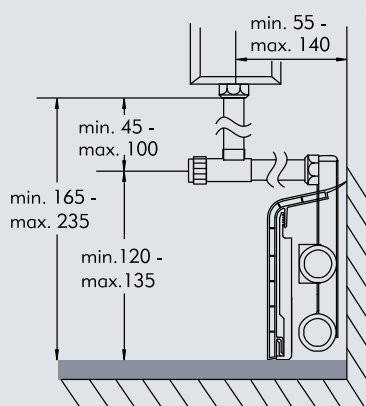
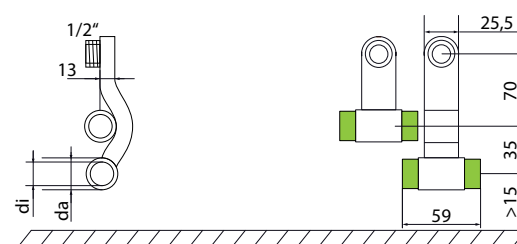
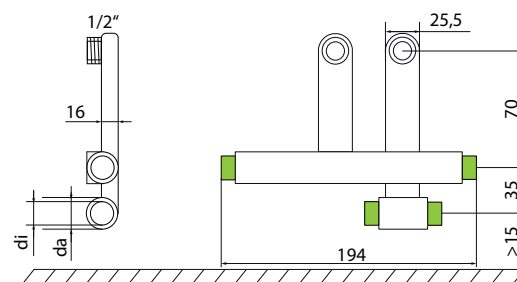
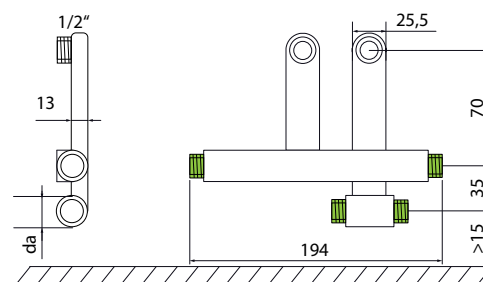
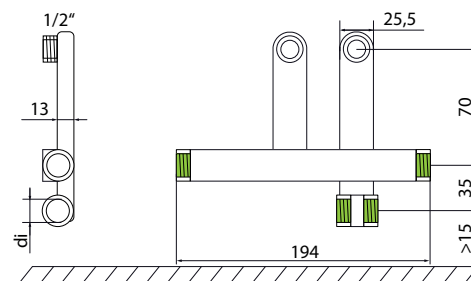
HKU two-part for soldering

The two-part HZ brass radiator connection is designed for soldering with copper pipes. It can be used for right, left and center connection to the radiator. In the area where the feed line and return line cross, chisel out a recess in the plaster about 15 mm in depth and about 30 mm wide for the radiator connection. Suitable AWA-E, AWA, PBV and PBV-L.

Art. no. 1015 (HKU 15 L), di = 15 mm, de = 18 mm

Art. no. 1018 (HKU 18 L), di = 18 mm, de = 22 mm

The wood-material skirting board SLHW (page 28) can be used for the HZ radiator connection for pipe diameters 15 mm and 18 mm. To do this use pinners to remove the center ridge on the skirting board in the area of the connection.



We offer a various alternatives on pages 34-35 for making the radiator connection with a compensation, angle, shut-off or fitted elbow screw connection on the radiator.

Only metallically sealing clamp ring screw connections supplied by HZ are approved for this purpose. Soft-sealing screw connections are not permitted under any circumstances!

The best way to cut the recess in the skirting board is with our notching pliers (art. no. 9150). For a visually appealing cover we recommend cover plates in matching décor (see page 37).



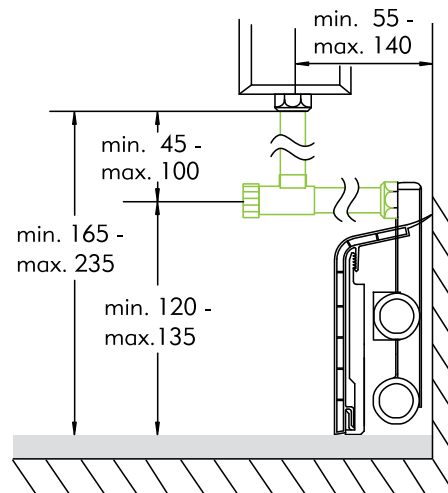


AWA Compensating angle screw shut-off connection

Made of copper pipe with clamp ring screw connection $\frac{1}{2}$ " , \varnothing 15 mm, for connection between HZ-HKU and compact radiator with integrated valves, nickel-plated.
Required: 1 pair/HZ radiator connection

Art. no. 1022 (AWA)

- Can be shut off
- Can be pre-set
- 15 mm copper pipe, nickel-plated
- Fits all HZ radiator connections
- Depth: 125 mm
- Height: 100 mm
- Height and depth can be reduced as required
- Includes clamp ring screw connection for radiator connection
- Clamp ring screw connection for transition to the radiator
- Art. no. 1025/1026 see p. 35
- Manifold not needed



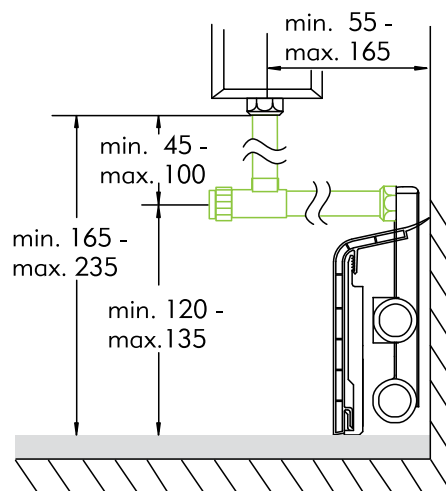
AWA Compensating angle screw shut-off connection, drainable/long

Made of copper pipe with clamp ring screw connection $\frac{1}{2}$ " , \varnothing 15 mm, horizontal axial length: 150 mm, for connection between HZ-HKU and compact radiator with integrated valves, nickel-plated.
Suitable for three-layer radiators.

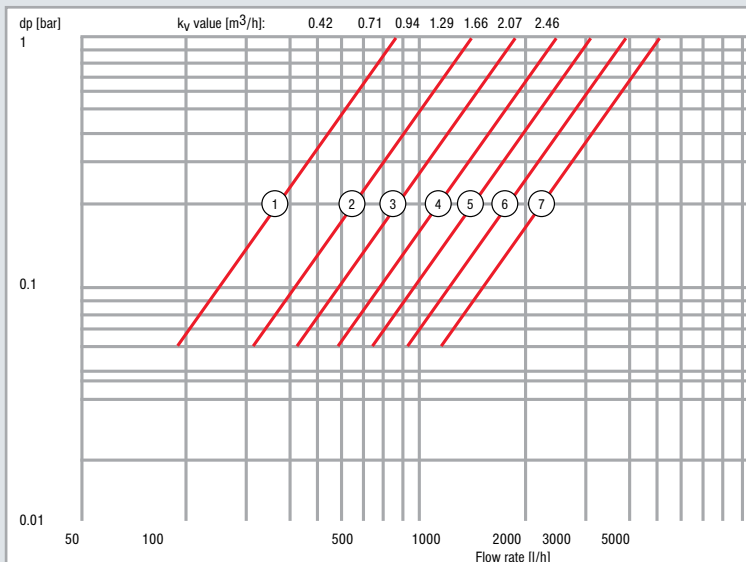
Required: 1 pair/HZ radiator connection

Art. no. 1023L (AWA-E)

- Can be shut off
- Can be pre-set
- Can be emptied
- 15 mm copper pipe, nickel-plated
- Fits all HZ radiator connections
- Depth: 150 mm
- Height: 100 mm
- Height and depth can be reduced as required
- Includes clamp ring screw connection for radiator connection
- Clamp ring screw connection for transition to the radiator
- Art. no. 1025/1026 see p. 35
- Manifold not needed



Adjustment of flow rate for art. nos. 1022, 1023L



- Revolutions of the adjusting nipple
- ① 2.5 rev of a.n.
 - ② 3.5 rev of a.n.
 - ③ 4.5 rev of a.n.
 - ④ 5.5 rev of a.n.
 - ⑤ 6.5 rev of a.n.
 - ⑥ 7.5 rev of a.n.
 - ⑦ 8.5 rev of a.n.

HZ radiator connections and compensating angle screw shut-off connections are suitable for an operating pressure of maximum 5 bar and a continuous operating temperature of maximum 90° C. If you anticipate operating conditions above these maximum values, please contact us in advance.

The following rule always applies to all clamp ring screw connections available from HZ: First tighten the union nut finger tight and then tighten a maximum of one more revolution with an adjustable wrench.

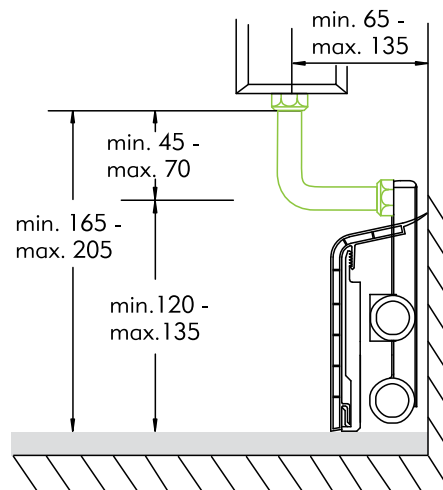


PBV Fitted elbow connection

Made of copper pipe with clamp ring screw connection $\frac{1}{2}$ " \varnothing 15 mm, for connection between HZ-HKU and compact radiator with integrated valves, nickel-plated.
Required: 1 pair/HZ radiator connection

Art. no. 1021 (PBV)

- 15 mm copper pipe, nickel-plated
- Fits all HZ radiator connections
- Depth: 120 mm
- Height: 72 mm
- Height and depth can be reduced as required
- Includes clamp ring screw connection for radiator connection
- Clamp ring screw connection for transition to the radiator
- Art. no. 1025/1026 see below
- Manifold not needed

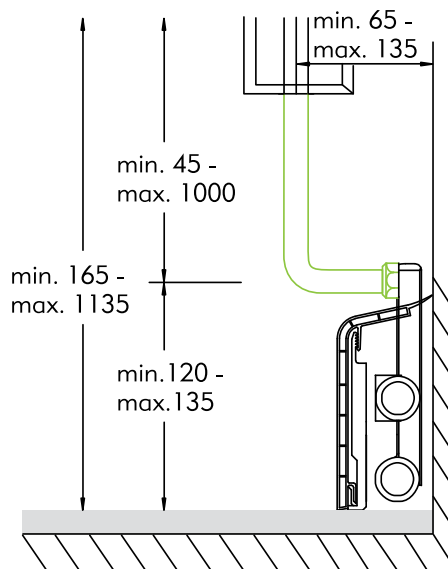


PBV Fitted elbow connection, long

Made of precision steel pipe with clamp ring screw connection $\frac{1}{2}$ " \varnothing 15 mm, for radiators with side connection in combination with HZ-HKU, two-part, chrome-plated.
Required: 1 pair/HZ radiator connection

Art. no. 1031 (PBV-L)

- 15 mm copper pipe, chrome-plated
- Depth: Feed line 120 mm
Return line 120 mm
- Height: Feed line 1000 mm
Return line 72 mm
- Height and depth can be reduced as required
- Feed line with thermostat head and return line must be valve in axial form or angle form with clamp ring for 15 mm \varnothing
- Includes clamp ring screw connection for radiator connection
- Fitted elbow connection art. no. 1031 in combination with two-part, flat radiator connections (14SS) can be used with multilayer pipes up to 20 mm \varnothing , for copper pipes up to 18 mm \varnothing
- Clamp ring screw connection for transition to the radiator
- Art. no. 1025/1026 see below
- Manifold not needed



Clamp ring screw connection art. no. 1026 (KVI)

With self-sealing double nipple for use with fitted elbow (PBV) or compensating angle screw shut-off connection (AWA-E, AWA) and compact radiator with integrated valves $\frac{1}{2}$ " with internal thread, nickel-plated.
Packing unit: 10 pces.



Clamp ring screw connection art. no. 1025 (KVA)

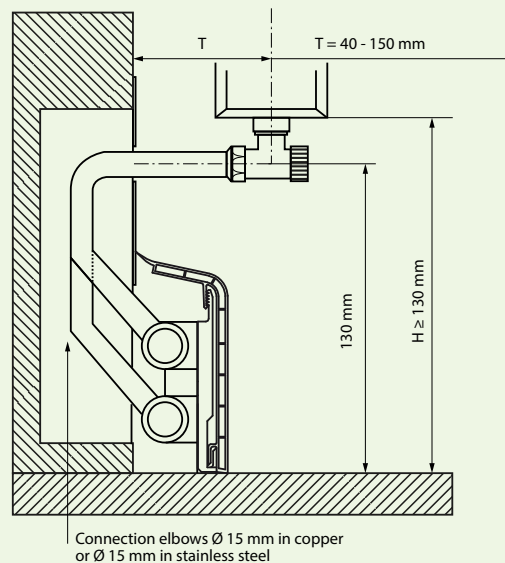
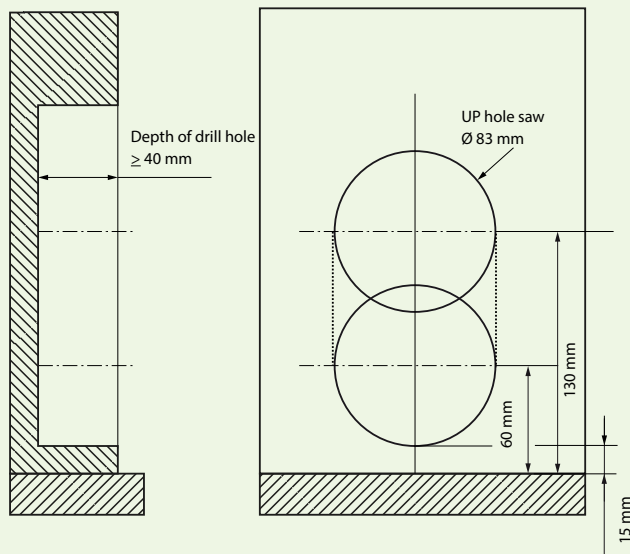
For using a fitted elbow (PBV) or compensating angle screw shut-off connection (AWA-E, AWA) and compact radiator with $\frac{3}{4}$ " integrated valves with external thread, nickel-plated.
Packing unit: 10 pces.



Only metallically sealing clamp ring screw connections supplied by HZ are approved for compensating angle screw shut-off connections and fitted elbows. Soft-sealing screw connections are not permitted under any circumstances!



1. Define the position of the radiator and connection
2. Prepare 2 recesses for brickwork with a hole saw Ø 83 mm and chisel out the side faces
3. Apply the HZ brackets and install the pipes and T pieces (customer supplied)
4. Adjust the HZ connection elbows. If necessary shorten the depth dimension (T) to fit the radiator
5. Install the connection elbows securely on the T pieces, push on the HZ cover plate and fasten it onto the wall (plug)
6. Attach the connection elbows with the shut-off screw connection of the radiator and check for leaks
7. Align the cover plate, tighten it and install the HZ skirting board



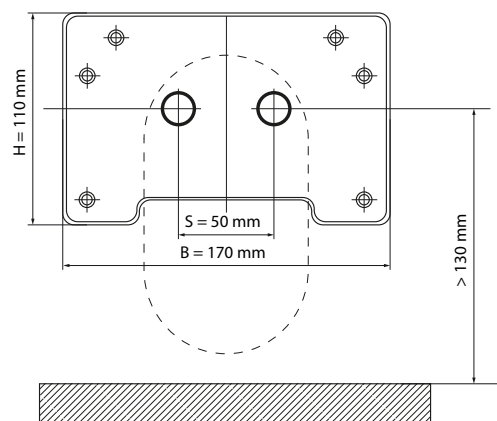
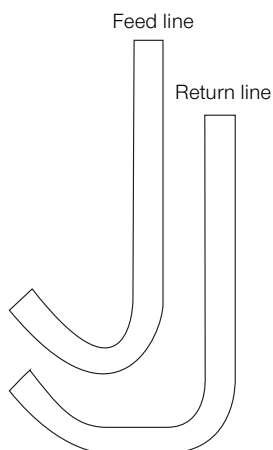
HKU-UP, art. no. 1616

With connection elbows in copper Ø 15 mm, for soldering and press-fitting, including cover plate, white RAL 9010 (can also be painted) with pipe outlet Ø 15 mm, 2 screws and plugs



HKU-UP, art. no. 1626

With connection elbows in stainless steel Ø 15 mm, for press-fitting and clamping screws, including cover plate, white RAL 9010 (can also be painted) with pipe outlet Ø 15 mm, 2 screws and plugs



Scope of delivery: connection elbows including cover plate with 2 screws and plugs



HZ offers an extensive range of accessories for time-saving installation of skirting boards and radiator connections with attractive results.

- Soft, self-adhesive sealing lip to extend HZ profiles to the wall or floor by up to 10 mm to compensate for uneven areas or difference on the wall and floor
- Notching pliers and cover plate for fast and neat work on HZ radiator connections in combination with HZ plastic skirting boards
- AWA installation gauge for fast measuring and marking of the height and depth dimensions between the radiator screw connection and HZ HKU, and for transferring the dimensions to HZ AWA and HZ PBV.
- Replacement slide art. no. 2001 (HZ brackets art. nos. 2150, 2250, 2151, 2152 and 2158 are delivered together with the slides. If the slide is lost the replacement slide can be ordered separately.)
- Packaging foil (hose foil) for optional protection of the skirting board before installation
- The insulation hose is used mainly to reduce noise in sensitive areas with pre-wall installation of pipes



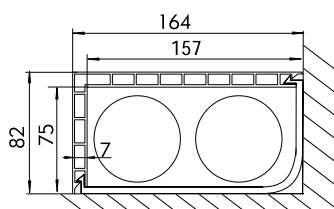
For precise miter cuts we recommend using miter box art. no. 146.

		Maple	Light beech	Dark beech	White ash	Walnut	Light oak	Dark oak	White (RAL 9010)	Gray (RAL 7035)
	Sealing lip Soft, self-adhesive sealing lip to extend the skirting board to the wall and floor Packing unit: 48 m Length 4 m	Art. no. 2118 (DLW A)	Art. no. 2168 (DLW EH) Same, light oak	Art. no. 2138 (DLW BD)	Art. no. 2188 (DLW W) Same, white	Art. no. 2178 (SLF ED) Same, dark oak	Art. no. 2168 (DLW EH) Same, light beech	Art. no. 2178 (SLF ED) Same, walnut	Art. no. 2188 (DLW W) Same, white ash	Art. no. 2198 (DLW G)
	Cover plate To cover the skirting board recess for the HZ radiator connection Packing unit: 10 pcs.	Art. no. 1310 (AB A)	Art. no. 1320 (AB BH)	Art. no. 1330 (AB BD)	Art. no. 1380 (AB W) Same, white	Art. no. 1350 (AB NB)	Art. no. 1360 (AB EH)	Art. no. 1370 (AB ED)	Art. no. 1380 (AB W) Same, white ash	Art. no. 1390 (AB G)

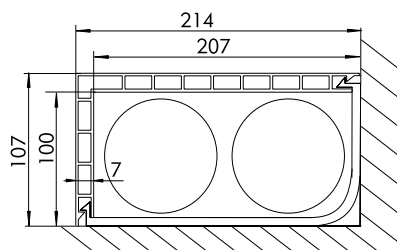
	HZ 2000 Replacement slide suitable for all HZ 2000 brackets (except SCH 2450) Packing unit: 40 pcs.	Art. no. 2001 (S 2001)
	Notching pliers For fast, neat notching out of the dummy board recess for the HZ radiator connection	Art. no. 9150 (AKZ)
	AWA installation gauge For HZ AWA and HZ PBV	Art. no. 9153 (ML AWA)
	Packaging foil PE, transparent 1 roll = 100 m long, hose width 50 cm	Art. no. 9148 (VF)
	Miter cutting device suitable for cutting all HZ profiles	Art. no. 146 (GSL)

	Insulation hose Polyethylene, tear-proof Roll 20 m long,	15-4-23 for Ø 15* Art. no. 1915 (DS 15)	18-4-26 for Ø 18* Art. no. 1918 (DS 18)	22-4-30 for Ø 22* Art. no. 1922 (DS 22) * For DS 15 use bracket 2150 or 2250. For DS 18 and DS 22 use bracket 2450
--	---	--	--	---

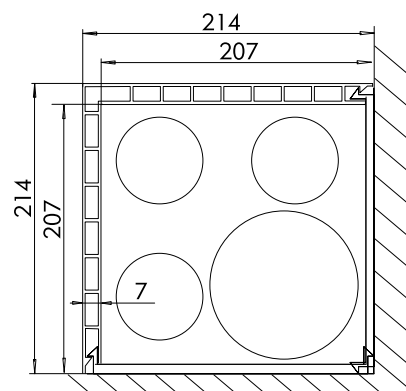




Dimensions of STP L
75 x 150 mm
Art. no. 6280



Dimensions of STP L
100 x 200 mm
Art. no. 6380



Dimensions of STP L
200 x 200 mm
Art. no. 6480

The L-shaped HZ riser sections are robust, plastic hollow space profiles which have been dyed white all the way through (similar to 9010). They are three meters long and are available in three different dimensions.

The riser sections are fastened by the three corresponding mounting brackets, which are spaced about 50 cm apart. The nail plug art. no. 204 is suitable for fastening the mounting brackets.




They are specially designed for cladding of pipes in corners. The pipes can also be fitted with thermal insulation. They can also be used as skirting board profiles for larger pipe dimensions.

A table for determining fit within the clear spatial dimensions of riser sections for heating pipes and insulation can be found on page 41, with extensive accessories on page 40.



Installation of riser section art. no. 6480 requires four mounting brackets art. no. 989 per meter.

After fine sanding the profiles can be covered with acrylic paint or wallpaper. A suitable adhesive for this purpose is the reference brand Henkel Metylan Special or Metylan NP Power Granulate plus.

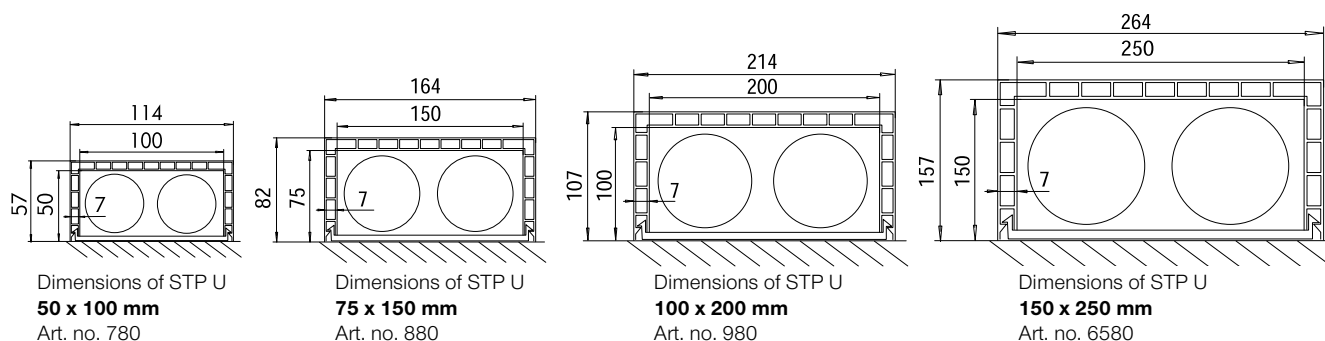
 L-shaped riser section Plastic hollow space profile white (RAL 9010). Packing unit: 24 m Length 3 m	Internal dimension: 75 x 150 mm	Internal dimension: 100 x 200 mm	Internal dimension: 200 x 200 mm
	Art. no. 6280 (STP L 75-150)	Art. no. 6380 (STP L 100-200)	Art. no. 6480 (STP L 200-200)
	Art. no. 6289 (BFK L 75-150)	Art. no. 6389 (BFK L 100-200)	Art. no. 989 (BFK 200) *Required for STP 6480 4 pcs./meter
 Mounting bracket for L-profile riser Required: 2 pcs. per meter. Packing unit: 40 pcs.	for STP L 75-150	for STP L 100-200	for STP L 200-200
 HZ end cover HZ end cover, plastic for STP U Packing unit: 1 pcs.	for STP 75-150	for STP 100-200	
	Art. no. 884 (ES STP 150)	Art. no. 984 (ES STP 200)	



Nail plug art. no. 204 (ND 40-6)

Nail plug with countersunk head and threaded nail.
Packing unit: 50 pcs.
required: 2 pce. per mounting bracket.





The U-shaped HZ riser sections are robust, plastic hollow space profiles which have been dyed white all the way through (similar to 9010). They are three meters long and are available in four different dimensions.

The riser sections are fastened by the three corresponding mounting brackets, which are spaced about 50 cm apart. The nail plug art. no. 204 is suitable for fastening the mounting brackets.




HZ riser sections have a wide range of uses. They can be used for cladding of vertically laid heating pipes with insulation and for covering sanitary lines, outside solar lines or ventilation pipes. HZ riser sections can also be used to cover pipes on the ceiling quickly and easily.


A table for determining fit within the clear spatial dimensions of riser sections for heating pipes and insulation can be found on page 41, with extensive accessories on page 40.



When laying riser sections in the ceiling, for safety reasons, the section must be fastened additionally by plugs and screws.

After fine sanding the profiles can be covered with acrylic paint or wallpaper. A suitable adhesive for this purpose is the reference brand Henkel Metylan Special or Metylan NP Power Granulate plus.

 U-shaped riser section Plastic hollow space profile white (RAL 9010). Packing unit: 24 m Length 3 m	Internal dimension: 50 x 100 mm	Internal dimension: 75 x 150 mm	Internal dimension: 100 x 200 mm	Internal dimension: 150 x 250 mm
	Art. no. 780 (STP 50-100)	Art. no. 880 (STP 75-150)	Art. no. 980 (STP 100-200)	Art. no. 6580* (STP 150-250)
 Mounting bracket for U-profile riser Required: 2 pcs. per meter. Packing unit: 40 pcs.	for STP 50-100 Art. no. 789 (BFK 100)	for STP 75-150 Art. no. 889 (BFK 150)	for STP 100-200 Art. no. 989 (BFK 200)	for STP 150-250 Art. no. 6589 (BFK 250)
 HZ end cover HZ end cover, plastic for STP U Packing unit: 1 pcs.	for STP 50-150 Art. no. 784 (ES STP 100)	for STP 75-150 Art. no. 884 (ES STP 150)	for STP 100-200 Art. no. 984 (ES STP 200)	

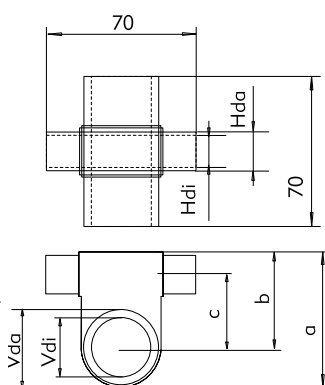
	Nail plug art. no. 204 (ND 40-6) Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 2 pce. per mounting bracket.
---	--





An extensive range of accessories is available for versatile applications with riser sections. The soft self-adhesive sealing lip (white) is ideal for use with uneven walls.

HZ riser junctions save space and time during installation at crossings of horizontal and vertical copper pipes. This impressive and economical solution in red brass for soldering is available in four different dimensions. For cladding of junctions/risers we recommend using riser sections art. nos. 980, 6380 and 6580 (see pages 38-39).



Figures in mm

Art.no.	Vertical		Horizontal			a	b	c
	Vdi	Vda	Hdi	Hda				
12215	22	28	15	18	52	36	25	
12218	22	28	18	22	52	36	25	
12815	28	35	15	18	69	50	37	
12818	28	35	18	22	69	50	37	

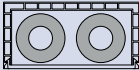
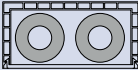
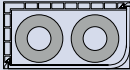
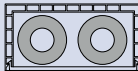
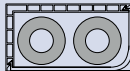
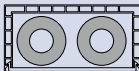



The lifting tool is specially designed for HZ riser sections. It can be used to remove the section for inspection purposes.

	Riser junction, red brass, for soldering	Ø vertical di = 22 mm/de = 28 mm Ø horizontal di = 15 mm/de = 18 mm Art. no. 12215 (STK 22/15 L)	Ø vertical di = 22 mm/de = 28 mm Ø horizontal di = 18 mm/de = 22 mm Art. no. 12218 (STK 22/18 L)	Ø vertical di = 28 mm/de = 35 mm Ø horizontal di = 15 mm/de = 18 mm Art. no. 12815 (STK 28/15 L)	Ø vertical di = 28 mm/de = 35 mm Ø horizontal di = 18 mm/de = 22 mm Art. no. 12818 (STK 28/18 L)
	Nail plug Nail plug with countersunk head and threaded nail. Packing unit: 50 pcs. required: 2 pcs. per inside fastening clamp	Art. no. 204 (ND 40-6)			
	Riser rosette for side pipe outlet from the riser section	Pipes up to Ø 18 mm Art. no. 6081 (STR 18)	Pipes up to Ø 22 mm Art. no. 6082 (STR 22)		
	Soft sealing lip for sealing the STP to the wall, white, self-adhesive Length 3 m Packing unit: 48 m	Art. no. 6088 (DLW)			
	Butt joint covering profile for all HZ riser sections, white, self-adhesive, Length 1 m Packing unit: 25 m	Art. no. 6078 (ST STP)			
	Inspection door made of steel sheet, for installation in STP Nos. 980, 6380, 6480, 6580, white	15 x 15 cm Art. no. 6018 (RT 15-15)	15 x 20 cm Art. no. 6028 (RT 15-20)	15 x 25 cm Art. no. 6038 (RT 15-25)	
	HZ lifting tool for removing HZ riser sections	Art. no. 9151 (AW)			



Fit within the clear spatial dimensions of riser sections for heating pipes and insulation are required by EnEV

HZ riser-type profile section (clear internal dimensions in mm)	External diameter of pipe (without insulation)															
	15	16	18	20	22	25	26	28	32	35	40	42	48	50	54	
 U 50 x 100 mm Art. no. 780																
 U 75 x 150 mm Art. no. 880																
 L 75 x 150 mm Art. no. 6280																
 U 100 x 200 mm Art. no. 980																
 L 100 x 200 mm Art. no. 6380																
 U 150 x 250 mm Art. no. 6580																
 L 200 x 200 mm Art. no. 6480																

100 % insulation as specified by EnEV, $I = 0.035 \text{ W/(mK)}$, (WLG 035)
(for example mineral wool shells: Reference brand Isover, rockwool, Kaimann/ foam insulation: Missel on Kompakt)

100 % insulation as specified by EnEV, $I = 0.025 \text{ W/(mK)}$, (WLG 025)
(for example copper pipe with insulation provided by customer: Reference brand WICU Extra)

100 % insulation as specified by EnEV, $I = 0.040 \text{ W/(mK)}$, (WLG 040)
(for example soft foam or PE foam insulation, reference brands NMC, Armaflex, Kaimann, Missel)

50 % insulation as specified by EnEV, $I = 0.040 \text{ W/(mK)}$, (WLG 040)
(for example soft foam or PE foam insulation, reference brands NMC, Armaflex, Kaimann, Missel)

Example 1: Feed line and return line in copper, diameter 22 mm each, to be insulated with 100% mineral wool ($I=0.035$). The riser section that fits, U 75 x 150 or L 75 x 150, holds 2 lines with diameter up to 22 mm and 100 % insulation.

Example 2: For space reasons, a maximum of one section measuring 100 x 200 mm is possible for covering 2 lines with a diameter of 35 mm and 100 % insulation. Mineral wool insulation or a WICU Extra pipe can be selected. Soft foam insulation ($I = 0.040$) does not fit.

Your solution for EnEV: 50% insulation in accordance with EnEV for distribution pipelines between different users may be possible if the riser section is laid flush against an inside wall between the heated areas of two users.

The dimension series and dimensions of the insulation materials (inside and outside dimensions) as well as the minimum distances from walls for pipe brackets and double pipe brackets installed on site (reference brands Müpro and Bis Walraven have been taken into consideration).

No double pipe brackets can be used with STP (50 - 100). Information for creating a new pipeline and cladding. For subsequent cladding of existing lines, please take the measurements and select the appropriate riser section. Compliance with MLAR may be required in addition.

The table is not intended to be complete. This information is supplied without liability





The company

Since the company was founded in 1963 the concept of pipe cladding for pre-wall installation has given rise to a comprehensive product line for heating and piping. Today our family business with its rich tradition presents itself as a system provider for pre-wall installation with three product groups. In addition to the skirting board profiles developed by Hans Weitzel, we also offer HZ riser sections for vertical pipe cladding and HZ connector groups for radiator connections.

Over the past decades HZ has proven its spirit of innovation again and again. The HZ 2000 skirting board product line was launched on the market some time ago, further improving on the advantages in installation you have come to expect from HZ.

Our modern production site is located in Ingelheim am Rhein, about 60 km southwest of Frankfurt am Main.

Our high-quality products are manufactured here under constant quality control in state-of-the-art production facilities in round-the-clock operation. We place special emphasis on environmentally friendly production.

Service for our customers in the western states of Germany and abroad is managed at our headquarters in Ingelheim, to which a modern logistics center is attached. Our customers in the eastern part of Germany, the new states, are served by our branch founded in 1997 in Radefeld near Leipzig. The export department has been expanded to meet the demand stemming from an increasing presence in foreign markets

Our products are sold through specialty wholesalers, guaranteeing you the fastest possible availability.

The company is certified in accordance with DIN EN ISO 9001:2000.





Request for promotional material

Please send us free of charge and with no obligation:

- ☐ Brochure folder
☐ Sample box

Company

Attn: / position

Street

Number

Zip code

City

Phone

Fax

E-mail

Please fax this page to us at:

+49 (0) 6132 / 78 36 21

Hans Weitzel GmbH & Co. KG

Konrad-Adenauer-Strasse 20 D-55218 Ingelheim

Hans Weitzel GmbH

Am Exerzierplatz 10 D-04158 Leipzig/Radefeld

Internet: www.hz-weitzel.de E-Mail: info@hz-weitzel.de

Phone: +49 (0) 6132 79 08 90 Fax: +49 (0) 6132 78 36 21



**Find all our products, downloads
and the latest on new products
directly online.**

The details given here and throughout all of our documentation, including the illustrations, correspond to the information currently available to us and are, to the best of our knowledge, correct and reliable. However they do not constitute a binding guarantee of their properties. Such a guarantee can only be given for the standards of our own products. Users of these products are individually responsible for carefully checking, testing and determining their suitability for the intended use.

Our liability is limited exclusively to our terms and conditions of delivery and payment. Subject to technical modifications Hans Weitzel GmbH & Co. KG is generally able to assist the customer only in terms of details related to the application. If you have questions please contact us directly at: +49 (0) 6132 - 790 890 oder info@hz-weitzel.de.

**Hans Weitzel GmbH & Co. KG**

Konrad-Adenauer-Strasse 20

D-55218 Ingelheim

www.hz-weitzel.de

info@hz-weitzel.de

Sales

Phone: +49 (0) 61 32 / 790 89-11

+49 (0) 61 32 / 790 89-12

+49 (0) 61 32 / 790 89-23

Fax: +49 (0) 61 32 / 78 36-11

+49 (0) 61 32 / 78 36-12

+49 (0) 61 32 / 78 36-23

E-mail: verkauf@hz-weitzel.de

Export

Phone: +49 (0) 61 32 / 790 89-10

Fax: +49 (0) 61 32 / 78 36-10

E-mail: export@hz-weitzel.de

Samples and advertising material

Phone: +49 (0) 61 32 / 790 89-21

Fax: +49 (0) 61 32 / 78 36-21

Hans Weitzel GmbH

Am Exerzierplatz 10

D-04158 Leipzig/Radefeld

Sales

Phone: +49 (0) 341 / 467 96-10

+49 (0) 341 / 467 96-13

Fax: +49 (0) 341 / 467 96-33

E-mail: verkauf@hz-weitzel.de

For a complete description of our products and how to assemble them, please use this complete catalog only in combination with the HZ assembly manual.

© Hans Weitzel GmbH & Co. KG

Presented by: