

On-site mixed concrete

- Complete systems for on-site mixed concrete B¹
- Sophisticated colour system for easy assignment of system components
- Prefix® installation technology for simple, fast installation against the opposing formwork without a support element
- Central transition casings for feeding in electrical circuit distributors
- Wide range of fastening options on the formwork



International

- International products for accessory installation according to country-specific standards and requirements



Cable routing, conduit feeding and sealing systems


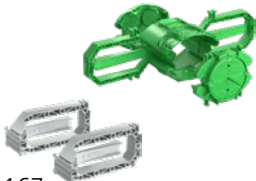

- Practical solutions for wall-ceiling transitions
- Safe, visible and certified protection through the use of KAISER sealing systems for cables and conduits, as well as cable and conduit bundles








Tools

- Professional system tools for fast, safe installation
- Extensive system accessories

see chapter **TOOLS**
from page 376

	On-site mixed concrete B ¹ Fixing to the working formwork	Prefix® for fastening to the reinforcement	International Installation of international accessories
		 pg. 167	
For installation accessories			
One-gang boxes	pg. 161	-	pg. 200
One-gang junction boxes	pg. 161	pg. 175	pg. 200
Large conduit boxes	pg. 162	-	-
Perilex® one-gang boxes	pg. 164	-	-
CEE one-gang boxes	pg. 164	-	-
Electronics box	pg. 166	-	-
Two-gang junction box	pg. 166	-	-
Universal installation housings	pg. 197	-	-
For cable outlets			
Wall light connection	pg. 162	pg. 175	-
Luminaire connection	pg. 178	-	-
Luminaire installation and connection	pg. 177	-	-
For cable connections			
Junction boxes	pg. 164	-	-
Junction casings	pg. 168/201	-	pg. 200
Potential equalisation casing	pg. 169	-	-
Accessories			
Fixing	pg. 167/187	pg. 167	pg. 167/187
Support element	pg. 173	-	pg. 173
Sealing of electrical installation conduits (air-tight and smokeproof)	pg. 33/117/302	pg. 33/117/302	-
Plaster compensation	-	-	-
End cover	pg. 205	-	-

Cable and conduit entry systems | Product overview

	Transitions	Exits	Conduit supports	Central transition casing	Sealings in fire protection ceilings and walls
	 pg. 184	 pg. 188	 pg. 189	 pg. 190	 pg. 295
Conduit sizes					
Ø 20 mm	•	•	•	•	•
Ø 25 mm	•	•	•	•	•
Ø 32 mm	•	•	•	•	•
Ø 40 mm	•	•	•	•	•
Ø 50 mm	-	-	-	•	•
Ø 63 mm	-	-	-	•	•
Cables / cable bundles	-	-	-	-	•

Production methods for on-site mixed concrete



Concrete walls can be manufactured in upright (vertical) or flat (horizontal) formwork. Horizontal formwork has only one formwork side, while vertical formwork has two formwork sides: the working formwork and the opposing formwork.



Free-standing reinforcement is always used when formwork elements are still installed in other places and can only be set up later on.



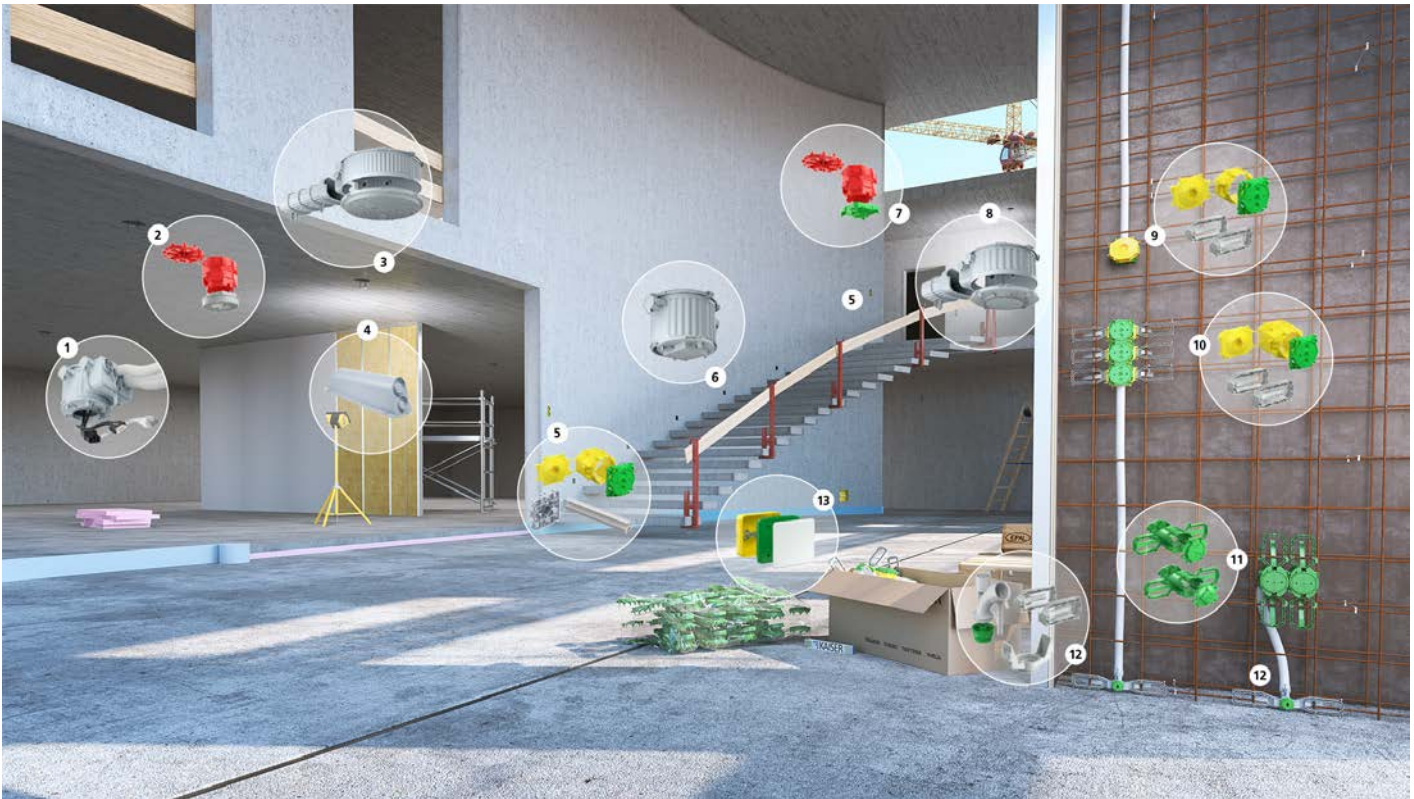
Sliding or travelling formwork is used vertically for the production of structures with great heights and horizontally, e.g. for roadway pavements and concrete safety barriers.



The slow sliding or travelling of the formwork ensures a steady construction progress.

Installation in on-site mixed concrete

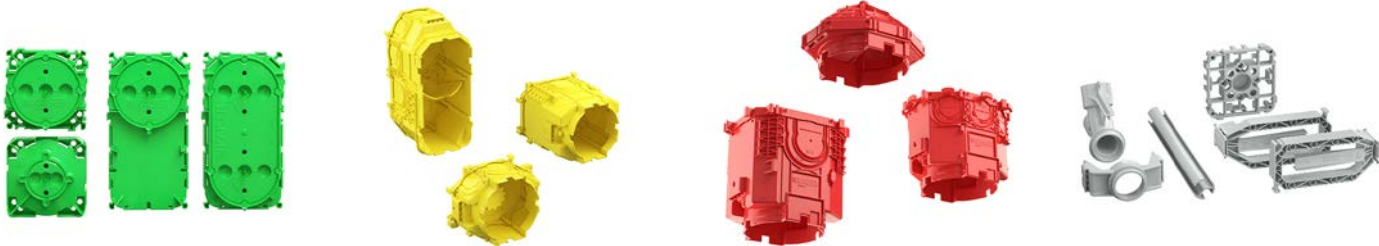
The KAISER concrete construction system for all concreting methods and types of construction. It offers an extensive programme with numerous wall and ceiling boxes as well as practical solutions for wall to ceiling transitions.



1 HaloX® 100 Multi-conduit entry | **2** B¹ universal ceiling exit | **3** HaloX® 250 with tunnel 325 for on-site mixed concrete, HaloX® 250 universal front part | **4** Formwork protection | **5** B¹ device connection socket | **6** HaloX® 100 for on-site mixed concrete, HaloX® 100 front part, square | **7** B¹ ceiling junction box | **8** HaloX® 180 with tunnel 190 for on-site mixed concrete, HaloX® 180 facing concrete front part | **9** B¹ large conduit one-gang junction box, B¹ Prefix® system wing set | **10** B¹ device connection socket | **11** Prefix® concrete building box | **12** Wall and ceiling transition 30°, B¹ Prefix® system wing set, B¹ Prefix® wall exit adapter Ø 25 mm | **13** Potential equalisation casing 16²

The KAISER colour system.

The different colours of the individual components make correct installations easier.











Green: Front parts for fixing to the formwork.

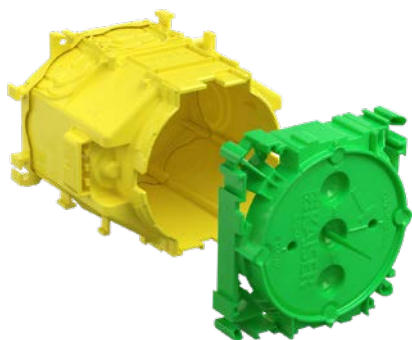
Yellow: Box and casing rear parts for wall installation.

Red: Box rear parts for ceiling installation.

Grey: Intermediate parts and attachment accessories.

Ways of attaching to various types of formwork

Product description	For wood formwork			For steel formwork				
	 Nail Ø 2 mm	 Wood screw Ø 4 mm	 M6 threaded dowel	 Expanding dowel	 Magnet	 Adhesive foil	 M6 weld-on screw	 Hot glue
Wall and ceiling box	•	•	•	•	•		•	•
Boxes*	•	•	•	•		•	•	•
Bushes	•	•						•
transitions	•	•						•
Abutment	•	•	•	•		•	•	•
Ceiling strips	•	•						•
Conduit and cable distance spacer	•	•	•	•				•



B¹ one-gang box and B¹ one-gang junction boxes

B¹, the new on-site mixed concrete range of products for electrical installation work. In addition to the tried-and-tested system features such as the flat front part, sturdy fixing domes and the support element slot with a sprung box base, the new B¹ range has innovative conduit entries, sturdy slots for the new B¹ Prefix® system wing range, and also bridges – which can be broken out later if required – for connecting accessories in combinations.

- Suitable for all types of formwork
- Slot for B¹ Prefix® system wing set
- Can be stably combined over the complete box body with a standardised combination distance of 71 mm
- Innovative conduit entries for fast processing on the construction site
- Signal bristles for easy location with installations on the opposing formwork side
- Larger mounting and installation space
- Installation of pre-wired installation accessories with multiple combinations, because the bridge can be broken out later



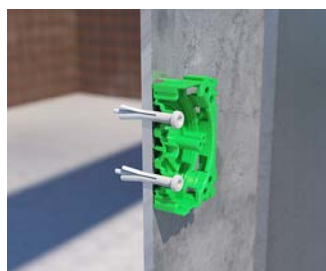
Fixing and alignment of the front part



Exact alignment by centre marking.



Fixing by means of steel nails.

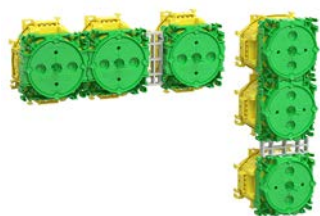


Fixing by means of KAISER expanding dowels (Art. No. 1217-02).

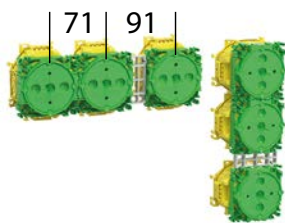


Fixing by means of threaded dowels.

Combination in accordance with DIN



For multiple combinations, many of the B¹ wall applications can be combined in two directions at a standard combination distance of 71 mm (DIN 49075).



By using the 91 distance piece (Art. No. 1259-04), the combination distances for communication connections can be extended to 91 mm in 20 mm increments.

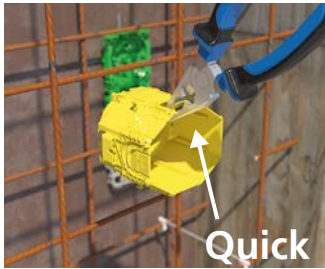


The B¹ one-gang box, B¹ one-gang junction box, B¹ large conduit one-gang junction box and the B¹ electronics box...



...can be connected stably and securely to both the front part and the box body.

The new conduit insertion technology



The required conduit connection opening can be easily and exactly broken out with a quick tilting movement using a standard pair of combination pliers,...



...for this purpose, the combination pliers are applied to the marked break-off edge for the required conduit size and broken out via a tilting movement.



Once all the required conduit entry openings have been created, the rear cover can be closed.





The conduit can now be inserted easily.

B¹ one-gang box

- with 4 screw domes and 2 expanding claw fields
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for all types of formwork
- Standardised combination distance 71 mm

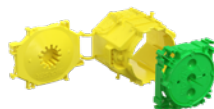


3D animation



Length x Width x Depth	94 x 75 x 59 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	6
Markings for cables up to Ø 16 mm	6
Number of parts	2
 / 	Yes / Yes
Art.-No.	1255-01
Inner packaging/shipping	20 / 200

B¹ one-gang junction box

- with 4 screw domes and 2 expanding claw fields
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for all types of formwork
- Standardised combination distance 71 mm



3D animation

Length x Width x Depth	94 x 75 x 91 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7
Markings for cables up to Ø 16 mm	7
Number of parts	2
 / 	Yes / Yes
Art.-No.	1265-01
Inner packaging/shipping	20 / 100

B¹ One-gang boxes, B¹ One-gang junction boxes



for on-site mixed concrete

B¹ large conduit one-gang junction box

- with 4 screw domes and 2 expanding claw fields
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for all types of formwork
- Standardised combination distance 71 mm



3D animation



Length x Width x Depth	94 x 75 x 106 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 32/40 mm conduits	3
Markings for cables up to Ø 16 mm	3
Number of parts	2
 / 	Yes / Yes
Art.-No.	1260-01
Inner packaging/shipping	20 / 100

B¹ wall light connection box

- space for 3 terminal blocks and associated cables
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for all types of formwork

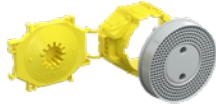


3D animation

Length x Width x Depth	94 x 75 x 59 mm
Installation opening Ø	35 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	6
Markings for cables up to Ø 16 mm	6
Number of parts	2
 / 	Yes / Yes
Art.-No.	1248-01
Inner packaging/shipping	20 / 200

B¹ universal wall exit

- Accessory fitting without drilling or dowelling
- space for 3 terminal blocks and associated cables
- Grey front part version for exposed concrete applications
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for all types of formwork



3D animation

Length x Width x Depth	95 x 90 x 67 mm
Installation opening Ø	45 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	6
Markings for cables up to Ø 16 mm	6
Number of parts	2
Art.-No.	1248-03
Inner packaging/shipping	20 / 180

Note

According to DIN VDE 0100, Part 559, feed lines for wall lights must terminate in connection boxes. Wall light connection boxes must have at least one option for attaching wall lights. According to DIN VDE 60670, wall and ceiling luminaire connection boxes must provide enough room for 3 individual terminals or be fitted with a 3-pole connector.

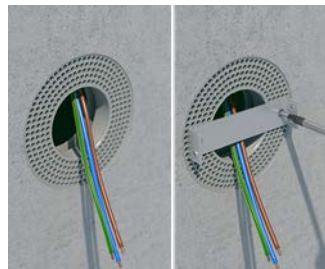
Installation with the universal screw-on surface



B¹ Universal wall exit



B¹ Universal wall exit with Prefix® installation technology.



In addition, thanks to the universal screw-on surfaces, the complete installation can be done...



For wall lights, for example, only screws and a cordless screwdriver are needed.

One-gang box

- with 4 screw domes and 2 expanding claw fields
- suitable for all types of form-work
- combinations have fully-insulated cable transitions
- Standardised combination distance 71 mm



Depth	41 mm
Installation opening Ø	60 mm
Markings for cables and DIN EN conduits to Ø 16 mm	2
Number of parts	2
Art.-No.	1255-43
Inner packaging/shipping	10 / 100

One-gang boxes, One-gang junction boxes

for on-site mixed concrete

Junction box

- cover screw distance 67 mm
- suitable for all types of form-work



Depth	66 mm	66 mm
Installation opening Ø	70 mm	70 mm
Markings for cables and DIN EN conduits up to Ø 25 mm	Yes	Yes
Rear part with holder for support element	Yes	Yes
Number of parts	2	2
with cover and cover screws	Yes	-
Art.-No.	1276-70	1276-71
Inner packaging/shipping	10 / 100	10 / 100

One-gang box PERILEX®

- device screws distance 67 mm
- with 2 countersunk device screws Ø 4 mm, length 16 mm
- for use with 16 A PERILEX® inserts
- suitable for all types of form-work



Depth	66 mm
Installation opening Ø	70 mm
Markings for cables and DIN EN conduits up to Ø 25 mm	Yes
Rear part with holder for support element	Yes
Number of parts	2
Art.-No.	1276-40
Inner packaging/shipping	10 / 100

One-gang box CEE

- device screws distance 67 mm
- With sealing ring for protection class IP 34 and 2 raised head 4 mm Ø device screws, length 20 mm
- for use with 16A CEE equipment inserts
- suitable for all types of form-work

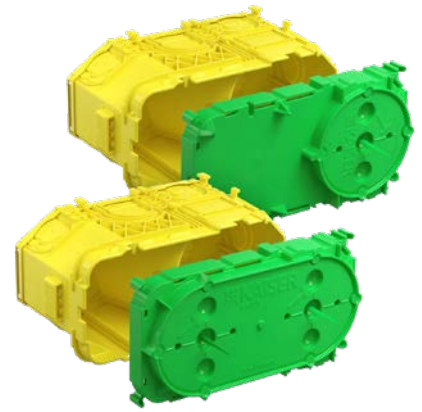


Depth	66 mm
Installation opening Ø	70 mm
Markings for cables and DIN EN conduits up to Ø 25 mm	Yes
Rear part with holder for support element	Yes
Number of parts	3
Art.-No.	1275-40
Inner packaging/shipping	10 / 100

B¹ Electronics box and B¹ two-gang junction box

The B¹ electronics box and B¹ two-gang junction box are especially suitable for installations in on-site mixed concrete vertical formwork. The B¹ electronics box provides plenty of space for accessory installations, and additional space for devices such as switch actuators or other components for smart home applications. The relevant separator wall allows the standardised installation of bus and operating voltages in a single box. B¹ Two-gang junction boxes allow the installation of block and pre-wired accessories, and provide space for the assembly of cable for multi-media connections.

- Plenty of space for accessories and cables
- Separator wall for the standardised incorporation of two voltage types
- Flat front part for fast, easy nailing
- Innovative conduit entries for fast processing on the construction site
- Slot for B¹ Prefix® system wing set
- Spring travel ensures secure fit in standing formwork



Examples of applications for the B¹ electronics box



By inserting the separator wall, two different voltage types can be fitted in a standardised way in the B¹ electronics box. In addition, they provide a generously-sized installation space...



...for the decentral installation of, for example, small window actuators for controlling Venetian blinds and heating in the external wall.

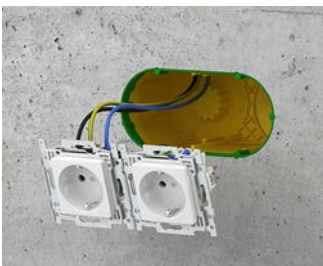


Thanks to the B¹ electronics box, it is easy to install radio-controlled actuators etc. without putting excessive strain on cables or accessories.



Network connection boxes can be used while maintaining the cable bending radii and with the best possible data transfer speeds.

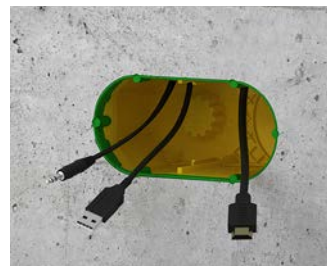
Examples of applications for the B¹ two-gang junction box



Thanks to its large installation opening without a central bridge, the B¹ two-gang junction box allows...



...the use of pre-wired accessories, pre-wired block inserts and many more.



It also provides an easy-to-use basis for the installation of multi-media connection boxes. The very large installation compartment has plenty of space for configuring cables.



Reserve cables and connection plugs can easily be inserted into the box and are then concealed behind the installation accessories.

B¹ Electronics box and B¹ two-gang junction box



for on-site mixed concrete

B¹ electronics box

- with separator wall for separating electrical circuits
- with 4 screw domes
- Suitable for all types of formwork
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Standardised combination distance 71 mm



3D animation



Length x Width x Depth	160 x 75 x 91 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7
Break-out openings for DIN EN Ø 32/40 mm conduits	2
Markings for cables up to Ø 16 mm	7
Number of parts	9
 / 	Yes / Yes
Art.-No.	1268-01
Inner packaging/shipping	5 / 50

B¹ double one-gang junction box

- 6 screw domes
- Suitable for all types of formwork
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Standardised combination distance 71 mm

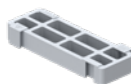


3D animation

Length x Width x Depth	160 x 75 x 91 mm
Installation opening Ø	60 x 131 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7
Break-out openings for DIN EN Ø 32/40 mm conduits	2
Markings for cables up to Ø 16 mm	7
Number of parts	9
 / 	Yes / Yes
Art.-No.	1269-01
Inner packaging/shipping	5 / 50

Distance piece 91

- for separate covers for antenna sockets in combinations with sockets without electric shock protection
- Centre distance 91 mm
- for multiple row combinations
- fits one-gang boxes, one-gang junction boxes, abutments



Length	60 mm
Art.-No.	1259-04
Inner packaging/shipping	10 / 100

B¹ Prefix® system wings

The B¹ Prefix® system wing allows fast, easy fixing to the reinforcement. This means optimal installation on the opposing formwork side and for free-standing reinforcement, and also for sliding or travelling formwork constructions. All wall applications in the new B¹ range have slots for the locking of two Prefix® system wings. This ensures fast, easy installation on the opposing formwork side.

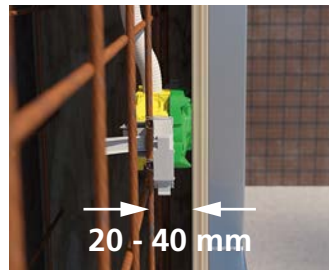
- Fast and easy installation on opposing formwork without support element and abutment
- Holding in place using the Prefix® installation technology leaves both hands free for securing with tie wires
- A pronounced corrugated profile and additional fixing opportunities for secure fixing using tie wires
- Combinable when using wall and ceiling transitions
- For installation in exposed concrete, pressed against the front formwork
- Suitable for 20 - 60 mm concrete covers



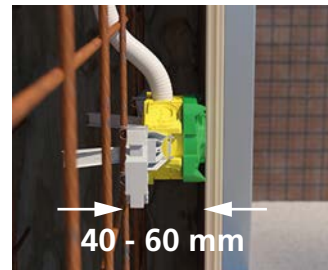
Examples of use



Connect the B¹ Prefix® system wings to the slot of the B¹ one-gang box which you are installing.



During installation, the front side of the B¹ one-gang box must protrude from the wall thickness by between 5 and 20 mm. This ensures optimal pressure on the opposing formwork.



If the B¹ one-gang box is less than the required wall thickness: Turn the B¹ Prefix® system wing by 180°, connect it again to the B¹ one-gang box, pre-fix the box...



...to the reinforcement and, using both hands, secure to the reinforcement by means of tie wires.

B¹ Prefix® system wing bracket set

- Facilitates fixing to the reinforcement
- Pre-fixing by means of B¹ Prefix® installation technology
- Can be used for the following articles:
 - B¹ device socket
 - B¹ device connection socket
 - B¹ large-conduit device connection socket
 - B¹ electronics socket
 - B¹ two-device connection socket
 - B¹ wall light connection socket
 - B¹ universal wall outlet
 - B¹ Prefix® adapter - Ø 20, Ø 25 and Ø 32 mm



3D animation

Length x Width x Depth	103 x 49 x 36 mm
For concrete coverings of	20 - 60 mm
Number of wings	2
Art.-No.	1211-00
Inner packaging/shipping	1 / 175



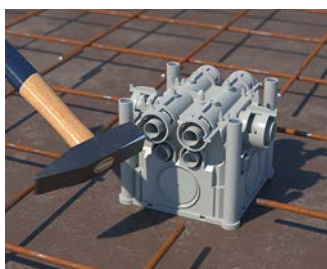
Junction casings

Junction casings in all sizes and for almost any kind of installations. This product range features practical housing sizes as well as a robust housing design which is perfect for building sites.

- As central junction casings for star-shaped cable laying.
- Easy to rewire when changing the way rooms are used.
- Separator walls to separate electrical circuits.
- End cover with screw attachment for VDE-compliant installation.



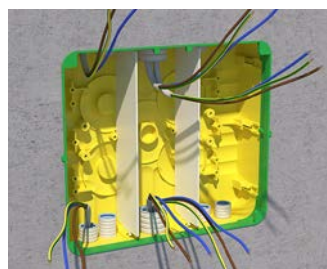
Processing instructions



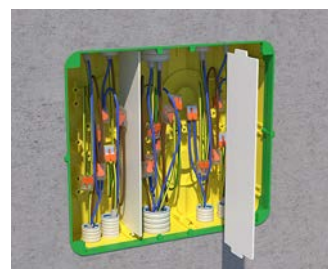
Open the universal conduit entry with one hammer blow.



The junction casing and the support on the working form-work create a stable unit.



KAISER junction casings offer plenty of space for electrical installation according to DIN 18015-3.




Separator walls ensure that electrical circuits are safely separated.

Junction casing

- for terminals up to 16 mm²
- suitable for all types of form-work
- rear parts of casing with holder for support element
- for loose terminals up to 4 mm²




Length x Width x Depth	128 x 128 x 80 mm	180 x 180 x 84 mm	250 x 220 x 82 mm
Number of parts	2	2	2
Entry fields	8	8	10
possible DIN EN conduit sizes per entry field: 4 x 16 mm Ø, 3 x 20 mm Ø, 1 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm Ø	Yes	-	-
use separator wall for maximum of 2 electrical circuits	-	Yes	-
possible DIN EN conduit sizes per entry field: 4 x 16 mm Ø, 4 x 20 mm Ø, 1 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm Ø	-	Yes	-
Maximum of 3 electrical circuits with separator walls	-	-	Yes
possible DIN EN conduit sizes per entry field: 6 x 16 mm Ø, 3 x 20 mm Ø, 2 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm Ø	-	-	Yes
	Yes	Yes	Yes
Art.-No.	1295-02	1296-02	1297-02
Inner packaging/shipping	1 / 10	1 / 10	1 / 5

Equipotential bonding casing 10² and 16²

- including equipotential bonding busbar, corrosion protected
- for bathrooms or similar
- including cover



Length x Width x Depth	250 x 220 x 82 mm	128 x 128 x 80 mm
Cables up to 16 ² , single and stranded wire	7	-
Circular conductors Ø 8–10 mm	1	-
Flat strip up to 30 mm wide	1	-
Entry fields	8	8
possible DIN EN conduit sizes per entry field: 6 x 16 mm Ø, 3 x 20 mm Ø, 2 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm Ø	Yes	-
Cables 1.5–10 ²	-	6
Circular conductor 6–16 ²	-	1
possible DIN EN conduit sizes per entry field: 4 x 16 mm Ø, 3 x 20 mm Ø, 1 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm Ø	-	Yes
	Yes	-
Art.-No.	1297-75	1295-73
Inner packaging/shipping	- / 1	1 / 10

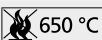


Note

Other earthing products can be found at our website.

Flush-mounted junction box

- For wood and steel formwork on in-situ concrete and for flush-mounted (masonry) installations
- With internally fitting cover as adhesive attachment surface
- Where fixing to vertical formwork and using adhesive to attach, the box must be mounted on a telescopic support (item no. 9957)
- For loose terminals up to 4 mm²



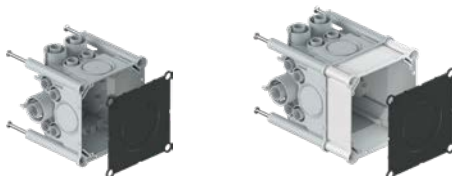
Length x Width x Depth	115 x 115 x 76 mm	115 x 115 x 101 mm	115 x 115 x 150 mm
Break-out openings Ø 20 mm	16	16	16
Combination conduit entries M20/25	4	8	8
Number of nails	4	4	4
 650 °C / 	Yes / Yes	Yes / Yes	Yes / Yes
	Yes	Yes	Yes
Art.-No.	9909.01	9908.01	9908.21
Inner packaging/shipping	- / 50	- / 30	- / 5

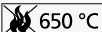


Junction casings and accessories

for on-site mixed concrete

Flush-mounted junction boxes

- For wood and steel formwork on in-situ concrete and for flush-mounted (masonry) installations
- With internally fitting cover as adhesive attachment surface

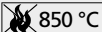



Length x Width x Depth	115 x 115 x 105 mm	115 x 115 x 150 mm
Break-out openings Ø 20 mm	12	12
Combination conduit entries M20/25	4	4
Combination conduit entries M25/32	2	2
Number of nails	4	4
 650 °C / 	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	9907	9907.21
Inner packaging/shipping	- / 20	- / 5

Extension pieces for flush-mounted junction boxes

- For increasing the front-to-back depth of the box or for sub-ceiling insulation
- Multiple extensions possible
- With two fixing screws



Length x Width x Depth	115 x 115 x 13 mm	115 x 115 x 12 mm	115 x 115 x 45 mm
Number of screws	-	2	2
 850 °C / 	Yes / Yes	Yes / Yes	Yes / Yes
	Yes	Yes	Yes
Art.-No.	9908.68	9907.68	9907.68.45
Inner packaging/shipping	- / 10	- / 10	- / 5

Plug-in cover

- smooth surface with rounded edge



Length x Width x Height	130 x 130 x 7 mm	130 x 130 x 3.5 mm	130 x 130 x 3.5 mm	130 x 130 x 3.5 mm
Colour	RAL 9010	RAL 9010	RAL 9010	RAL 9010
 850 °C / 	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Yes	Yes	Yes	Yes
Art.-No.	9909.22	9909.20	9909.10	9909.12
Inner packaging/shipping	- / 10	- / 10	- / 10	- / 10

Screw-in cover

- smooth surface with rounded edge



Length x Width x Height	130 x 130 x 3.5 mm
Number of plastic screws	4
Art.-No.	9909.02 S
Inner packaging/shipping	- / 10

Waterproof cover

- Anodised aluminium
- with full neoprene seal
- Cover fixing with enclosed screws, non-rusting



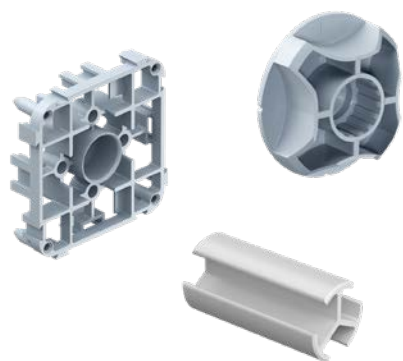
Length x Width x Height	130 x 130 x 1.5 mm
Screws	4x, Ø 4x35
Art.-No.	9909.03
Inner packaging/shipping	- / 100

Adhesive foil

- for anti-shock fixing of boxes and casings in horizontal formwork
- for vertical formwork, additional bracing must be provided using a support element and abutments
- Degreasing formwork
- Double-sided adhesion



Art.-No.	1219-00
Inner packaging/shipping	200 / 1000

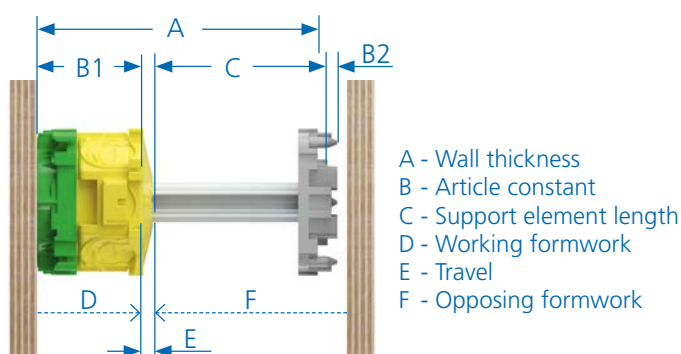


Abutment and support elements

The on-site mixed concrete programme offers special abutments and support elements for the installation of opposing one-gang boxes or the installation of one-gang boxes and junction casings on the opposite side of the formwork. For this purpose, there are holders in the back of the item that provide the support elements with a anti-rotation hold. The curved base of the box facing outwards forms an integrated spring travel, which is used to compensate for component-related tolerances when setting the opposing formwork by compressing it.

- Two abutments for fixing to the working formwork using expanding dowels, nails, screws or adhesive foil
- No blocking of conduit entries thanks to the anti-rotation support element attachments in the back of the one-gang boxes and junction casings
- The integrated spring travel ensures a secure hold between the working and opposing formwork and compensates for construction tolerances
- Thanks to their star-shaped contour, the support elements ensure that the concrete flows around the entire surface

Calculation for the supporting elements



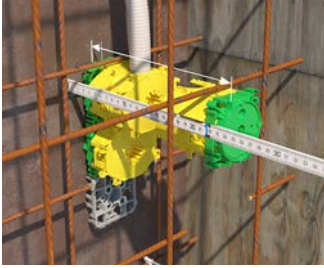
Length of the support elements. (e.g. vertical formwork)

General formula:	$C = A - (B1 + B2)$
Wall thicknesses:	A = 200 mm
Article constants for one-gang box 1255-01:	B1 = 40 mm
Article constants for abutments 1210-02:	B2 = 5 mm
Length support element	$C = 200 \text{ mm} - (40 \text{ mm} + 5 \text{ mm})$
	C = 155 mm

Important: Take formwork inaccuracies as opposed to planned wall thickness into account! Always specify length of support elements accurately in mm when ordering!

Product description	Art. no.	Standard article thickness "B"	
		Vertical	Horizontal
B ¹ one-gang box	1255-01	40	46
B ¹ one-gang junction box	1265-01	72	78
B ¹ large conduit one-gang junction box	1260-01	87	93
B ¹ electronics box	1268-01	72	78
B ¹ double one-gang junction box	1269-01	72	78
B ¹ wall light connection box	1248-01	40	46
B ¹ universal wall exit	1248-03	48	54
Junction casings	1295-02/73	58	64
Junction casings	1296-02	64	70
Junction casings	1297-02/75	60	66
PERILEX® one-gang box	1276-40	45	51
CEE one-gang box	1275-40	45	51
Junction box	1276-70/-71	45	51
Abutment	1210-02	5	7
Abutment with adhesive	1205-02	5	7
One-gang box	1223-41	44	50
Two-gang box	1224-41	47	53
Box for Italian / American standard	1200-00	39	45
Universal installation housings	1223-22	57	63
Universal installation housings	1224-22	60	66
Universal installation housings	1295-22	71	77
Universal installation housings	1296-22	77	83
Universal installation housings	1297-22	73	79
Wall and ceiling transition 30°	1202-04	62	62
Wall and ceiling transition 30°	1202-34	62	62
Wall and ceiling transition 30°	1202-29	62	62

Installation to the opposing formwork side by means of a support element



To determine the support element length, simply position the desired one-gang boxes opposite each other and stop at the planned wall thickness.



Afterwards, the required support element length can simply be measured at the markings provided on the B¹ one-gang box and then sawn off.



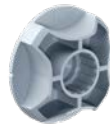
The prepared B¹ one-gang box protrudes approx. 5 to 10 mm beyond the planned wall thickness, so that the unit is braced between the working formwork and opposing formwork when the formwork is closed.



The integrated spring travel in the rear part of the B¹ one-gang box compensates for construction tolerances, such as the breathing of the formwork during the concreting process, and holds the B¹ one-gang box securely in position.

Abutment for adhesive foil

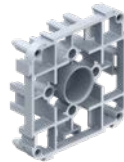
- for support element Ø 20 mm
- Fixing to formwork using 1219-00 adhesive foil



Art.-No.	1205-02
Inner packaging/shipping	- / 250

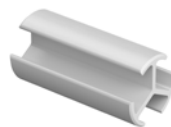
Abutment

- for support element Ø 20 mm
- can be combined with itself, with one-gang boxes, one-gang junction boxes, junction casing, universal installation housings and distance pieces 91
- Fixing to the formwork using expanding dowels, nails or screws



Art.-No.	1210-02
Inner packaging/shipping	- / 250

Support element Ø 20 mm

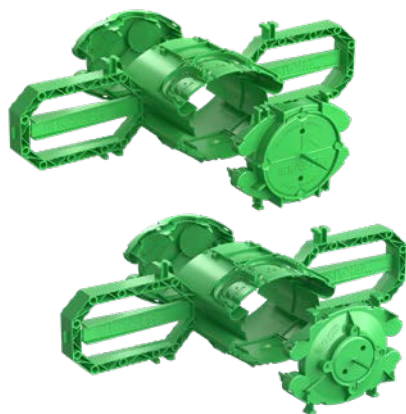


Length	Art.-No.	Inner packaging/shipping
≤ 40 mm	1212-04	- / 1
41 - 60 mm	1212-06	- / 1
61 - 80 mm	1212-08	- / 1
81 - 100 mm	1212-10	- / 1
101 - 120 mm	1212-12	- / 1
121 - 140 mm	1212-14	- / 1
141 - 160 mm	1212-16	- / 1
161 - 180 mm	1212-18	- / 1
181 - 200 mm	1212-20	- / 1
1.000 mm	1212-98	- / 80
3.000 mm	1212-99	- / 1

Note

On request, we can supply support conduits with Ø 20 mm for wiring through the support element.

Subject to modifications



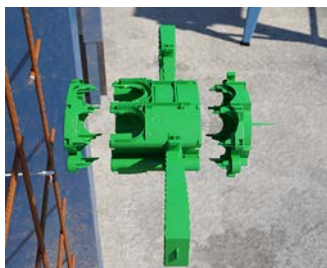
Prefix® concrete construction box for fixing to the reinforcement

The new Prefix® concrete construction boxes, in addition to the proven product features such as lateral installation clamps for fastening to the reinforcement, mounting clips for pre-fixing the items and marked wave profile for an exact and secure fit, now also have innovative conduit entries, insertion options in the rear part of the box as well as separators that can be broken out at a later date for connecting devices in combinations.

- Quick and easy installation on the opposing formwork, without support element and abutment
- Spacers to the side formwork ensure full circulation of the concrete and allow exposed concrete installations in passage and edge areas
- Suitable for 20 - 60 mm concrete covers
- Innovative conduit entries with diameters of 25/32 mm and 20/25 mm, for quick fitting on the construction site
- Insertion options up to 25 mm diameter on the rear base of the box
- Easy manual assembly
- Sturdy signal bristle and bold colouring for easy retrieval in the concrete surface
- Large inlay and installation clearance
- Easy installation of pre-wired installation accessories in multiple combinations using a bridge that can be broken off afterwards



Setting the concrete covers 20 - 40 mm / 40 - 60 mm



The assembly of the box for a concrete cover of 20 to 40 mm is carried out by installing the conduit entries at the bottom of the box.



This means that the conduit entries are located behind the first reinforcement layer and that time-consuming and destabilising reinforcement cuts are no longer necessary.



A concrete cover of 40 to 60 mm is also possible by simply turning the box upside down. For this purpose, the conduit entries must be arranged on the front part.



This means that the conduit entries are located in front of the first reinforcement layer and also remain usable without restrictions. The conduits are to be routed behind the reinforcement at the earliest opportunity.

Prefix® concrete construction box Ø 60 mm

- One-gang junction box for fixing to the reinforcement
- Can be used for concrete coverings from 20 - 60 mm
- Pre-fixing by means of Prefix® installation technology
- 1-piece with moulded front and rear part
- Standardised combination distance 71 mm
- with 4 screw domes and 2 expanding claw fields
- Art. No. 1211-01 replaces Art. No. 1211-61




INNOVATION



Product-Data



3D animation

Length x Width x Depth	290 x 78 x 91 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 25/32 mm conduits	2
Break-out openings for DIN EN Ø 20/25 mm conduits	4
Markings in the bottom of the box for conduits up to Ø 25 mm	2
Markings for wires and cables up to Ø 16 mm	8
	Yes
Art.-No.	1211-01
Inner packaging/shipping	25 / 50

Prefix® concrete construction box Ø 35 mm

- Wall-light connection box for fixing to the reinforcement
- Can be used for concrete coverings from 20 - 60 mm
- Pre-fixing by means of Prefix® installation technology
- 1-piece with moulded front and rear part
- Art. No. 1211-02 replaces Art. No. 1211-36




INNOVATION

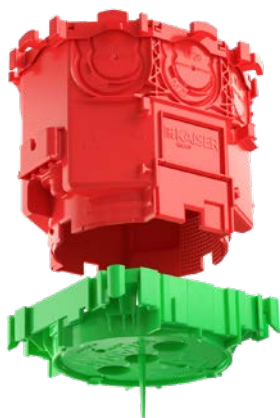


Product-Data



3D animation

Length x Width x Depth	290 x 78 x 91 mm
Installation opening Ø	35 mm
Break-out openings for DIN EN Ø 25/32 mm conduits	2
Break-out openings for DIN EN Ø 20/25 mm conduits	4
Markings in the bottom of the box for conduits up to Ø 25 mm	2
Markings for wires and cables up to Ø 16 mm	8
	Yes
Art.-No.	1211-02
Inner packaging/shipping	25 / 50



B¹ ceiling junction box

The new B¹ ceiling boxes simplify installation on the ceiling formwork. The innovative conduit entries enable conduits to be easily inserted into several ceiling boxes arranged in a row without having to cut them during the laying work. Due to the conduit entries located higher up, additional cut-outs of the reinforcement bars are unnecessary, ensuring fast insertion of the empty conduits on the ceiling.

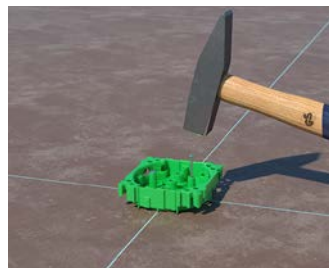
- Suitable for all types of formwork
- Flat front part enables smooth insertion of the reinforcing bars on the ceiling formwork
- Innovative conduit entries for fast processing on the construction site
- Larger mounting and installation space
- Mounting of a light hook in accordance with DIN EN 60670
- The proven KAISER colour coding system ensures that the installation can be checked quickly



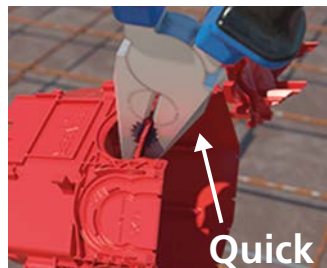
Installation on the ceiling formwork



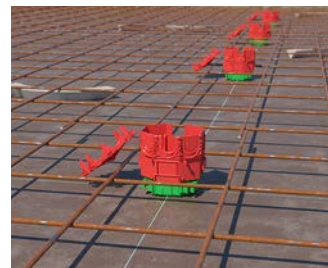
The exact position of the ceiling boxes is determined by means of a cord or tensioning a mason's lacing cord.



The shallow front part allows easy fixing to the ceiling formwork before the reinforcement bars are added.



The required conduit connection opening can be easily and exactly broken out with a quick tilting movement using a standard pair of combination pliers.



The conduit entries are above the lower reinforcement layer, so that no cutting of the reinforcement bars is necessary.



The advantage of the new conduit entry is that empty conduits can be inserted in several ceiling junction boxes without cutting the conduit beforehand.



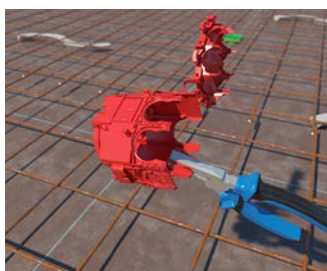
After final visual inspection of the conduits, the cover can be closed simply by hand, at the same time providing secure conduit retention.



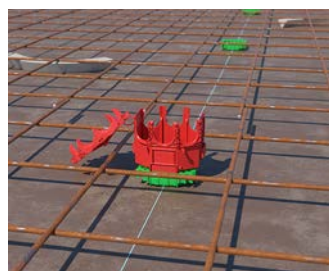
Universal screw-on surface / B¹ 45° universal ceiling exit (Art No. 1249-13).



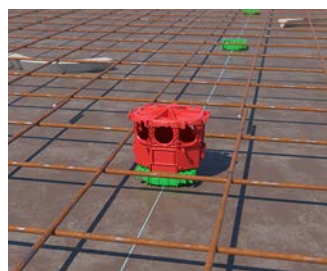
Universal screw-on surface / universal ceiling exit (Art. No. 1265-13).



When inserting several conduits next to each other, open the conduit entries with combination pliers...



...latch the rear part onto the front part...



...and close the back cover before inserting the conduits.



The conduits can now simply be inserted into the prepared openings.

B¹ 45° domed box



- Rear part of box with holder for light hooks according to DIN EN 60670 (50 N)
- 2-piece with moulded rear part
- Suitable for all types of formwork
- Usable light hooks:
- 30 mm / Art. No. 1225-30
- 40 mm / Art. No. 1225-40
- 60 mm / Art. No. 1225-60



INNOVATION

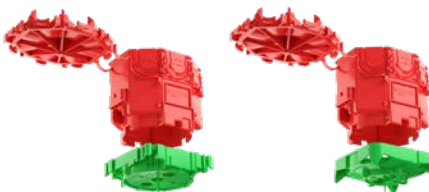


3D animation

Length x Width x Depth	75 x 85 x 64 mm	75 x 85 x 64 mm
Installation opening Ø	60 mm	35 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	4	4
Markings for cables up to Ø 16 mm	4	4
Number of parts	2	2
 / 	Yes / Yes	Yes / Yes
Art.-No.	1249-11	1249-12
Inner packaging/shipping	20 / 200	20 / 200

B¹ ceiling junction box



- Rear part of box with holder for light hooks according to DIN EN 60670 (50 N)
- 2-piece with moulded rear part
- Suitable for all types of formwork
- Usable light hooks:
- 100 mm / Art. No. 1225-10
- 120 mm / Art. No. 1225-12
- 140 mm / Art. No. 1225-14



INNOVATION



3D animation

Length x Width x Depth	94 x 75 x 95 mm	94 x 75 x 95 mm
Installation opening Ø	60 mm	35 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7	7
Markings for cables up to Ø 16 mm	7	7
Number of parts	2	2
 / 	Yes / Yes	Yes / Yes
Art.-No.	1265-11	1265-12
Inner packaging/shipping	20 / 100	20 / 100

Ceiling boxes, ceiling junction boxes

for on-site mixed concrete

B¹ large conduit ceiling junction box



- Rear part of box with holder for light hooks according to DIN EN 60670 (50 N)
- 2-piece with moulded rear part
- Suitable for all types of formwork
- Usable light hooks:
- 100 mm / Art. No. 1225-10
- 120 mm / Art. No. 1225-12
- 140 mm / Art. No. 1225-14



INNOVATION



3D animation

Length x Width x Depth	94 x 75 x 110 mm
Installation opening Ø	60 mm
Break-out openings for DIN EN Ø 32/40 mm conduits	3
Markings for cables up to Ø 16 mm	3
Number of parts	2
 / 	Yes / Yes
Art.-No.	1260-11
Inner packaging/shipping	20 / 100

B¹ 45° universal ceiling exit

- Accessory fitting without drilling or dowelling
- Rear part of box with holder for light hooks according to DIN EN 60670 (50 N)
- Grey front part version for exposed concrete applications
- 2-piece with moulded rear part
- Suitable for all types of formwork



INNOVATION



3D animation

Length x Width x Depth	90 x 90 x 72 mm
Installation opening Ø	45 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	4
Markings for cables up to Ø 16 mm	4
Number of parts	2
Art.-No.	1249-13
Inner packaging/shipping	20 / 200

B¹ universal ceiling exit

- Accessory fitting without drilling or dowelling
- Rear part of box with holder for light hooks according to DIN EN 60670 (50 N)
- Grey front part version for exposed concrete applications
- 2-piece with moulded rear part
- Suitable for all types of formwork



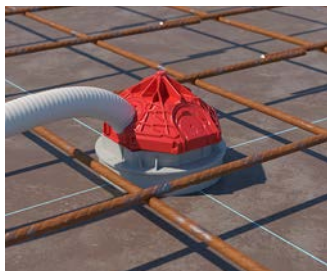
INNOVATION



3D animation

Length x Width x Depth	100 x 90 x 103 mm
Installation opening Ø	45 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7
Markings for cables up to Ø 16 mm	7
Number of parts	2
Art.-No.	1265-13
Inner packaging/shipping	20 / 100

Installation with the universal screw-on surface



Universal screw-on surface / B¹ 45° universal ceiling exit (Art No. 1249-13).



Universal screw-on surface / universal ceiling exit (Art. No. 1265-13).



Universal screw-on surfaces enable quick and easy accessory installation without drilling and dowelling....




...in the ceiling area, for example, smoke detectors can be installed here easily and dust-free.

115 large slab ceiling box

- Installation height 115 mm, with M5 metal nut for light hook (min. hook length: 115 mm + plaster thickness)
- with screw-on cover for on-site fitting of conduits
- suitable for all types of form-work
- maximum light hook load according to DIN EN 60670 100 N (10 kg)



Depth	115 mm
Exit opening Ø	60 mm
Diameter	102 mm
Markings for cables and DIN EN conduits up to Ø 25 mm	8
Markings for cables and DIN EN conduits up to Ø 32 mm	4
Number of parts	3
	Yes
Art.-No.	1227-50
Inner packaging/shipping	- / 100

Ceiling boxes, ceiling junction boxes

for on-site mixed concrete

Slab ceiling box for retrofitting

- for retrofitting on the construction site
- with M5 metal nut for light hook (hook length min. 95 mm + plaster thickness)



Depth	100 mm
Number of parts	2
required drilling hole	65 mm
Art.-No.	1247-01
Inner packaging/shipping	- / 100

Light hook

- For retrofitting in ceiling boxes (EN 60670)
- maximum light hook load according to DIN EN 60670 100 N (10 kg)
- with M5 thread, fully insulated



Length of shank	Diameter hook	Overall length	Thread length	Art.-No.	Inner packaging/shipping
30 mm	26 mm	55 mm	10 mm	1226-30	- / 150
55 mm	26 mm	81 mm	10 mm	1226-55	- / 150
65 mm	26 mm	91 mm	10 mm	1226-65	- / 150
75 mm	26 mm	101 mm	10 mm	1226-75	- / 150
85 mm	26 mm	112 mm	10 mm	1226-85	- / 100
95 mm	26 mm	121 mm	10 mm	1226-95	- / 100
105 mm	26 mm	132 mm	10 mm	1226-97	- / 100
115 mm	26 mm	143 mm	10 mm	1226-98	- / 100
125 mm	26 mm	151 mm	10 mm	1226-99	- / 100

Universal ceiling and wall exit

Universal ceiling and wall exit with KSK technology for especially quick and safe installation. The universal Ø 85 mm screw-on surface permits the clean installation of luminaires, smoke detectors etc. without the need for drilling.

- Open the conduit entry with a hammer blow
- Combination entry for two conduit sizes
- Thanks to the integrated conduit stopper, it is not necessary to shorten the conduit inside.
- Clean installation of accessories on the universal screw-on surface without the need for drilling or using dowels



Processing instructions



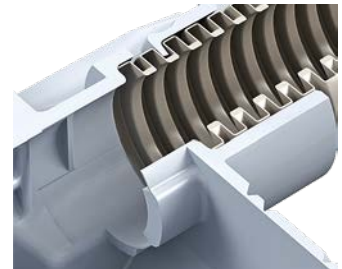
The screws used to attach the device...



...can be easily screwed into the universal screw-on surface.



M20 combi-entry



M25 combi-entry

Lamp box for flexible corrugated plastic conduits

- Conduit entry limitation to prevent the need to shorten the conduit inside
- Meets the product standard EN 60670-21 (suspension load) with our hook bolts 1225-xx
- Max. suspension load 50 N (5 kg)



Product-Data

Depth	105 mm
Exit opening Ø	48 mm
M20/M25 impact couplings	4
Number of parts	1
Number of nails	2
Outer diameter	85 mm
M25/M32 break-out opening	2
M20/M25 break-out opening	2
650 °C /	Yes / Yes
CE	Yes
Art.-No.	9959
Inner packaging/shipping	- / 25

Ceiling boxes and accessories



for on-site mixed concrete / precast concrete

Ceiling junction box

- Conduit entry limitation to prevent the need to shorten the conduit inside
- suitable for all types of form-work
- max. light hooks load in accordance with DIN EN 60670 (50 N)



Product-Data

Depth	99 mm	99 mm
Exit opening Ø	60 mm	35 mm
M20/M25 impact couplings	4	4
Number of parts	2	2
Screw domes for device attachment	4	-
M25/M32 break-out opening	2	2
M20/M25 break-out opening	2	2
 650 °C / S	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	1245-63	1245-62
Inner packaging/shipping	10 / 100	10 / 100

Light fitting support hooks, self-tapping

- For retrofitting in ceiling boxes (EN 60670)
- With self-forming thread, insulated
- Proof voltage: 2500 V tested
- Suspension load max. 5 kg

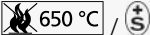



Length of shank	Art.-No.	Inner packaging/shipping
30 mm	1225-30	- / 100
40 mm	1225-40	- / 100
60 mm	1225-60	- / 100
80 mm	1225-80	- / 100
100 mm	1225-10	- / 50
120 mm	1225-12	- / 50
140 mm	1225-14	- / 50

Ceiling and wall exit

- for light hook attachment
- 2 entries (support shape) parallel to formwork level for 20 mm or 25 mm DIN EN conduits
- with formwork closing cover for one conduit entry



Length x Width x Depth	90 x 45 x 50 mm
Ceiling exit (CE) Ø	30 mm
Combination conduit entries M20/25	2
 650 °C / S	Yes / Yes
	Yes
Art.-No.	9951
Inner packaging/shipping	- / 50

Ceiling exit

- for light hook attachment and clamping material holder (box shape)
- with large attachment surface for smoke or motion detectors under the ceiling (no need for dowels)
- 4 entries (support shape) parallel to formwork level, 2 entries (support shape) 30° to formwork level, for 20 mm Ø DIN EN conduit



Depth	69 mm
Break-out openings Ø 20 mm	8
Outer diameter	85 mm
 650 °C / 	Yes / Yes
CE	Yes
Art.-No.	9955
Inner packaging/shipping	- / 50

Signal cover

- for wall and ceiling lights connection boxes
- for Art. Nos. 1248-40, 1245-62, 1248-50, 1248-44, 1264-50, 1211-36



For installation opening	35 mm
Art.-No.	1181-35
Inner packaging/shipping	- / 50



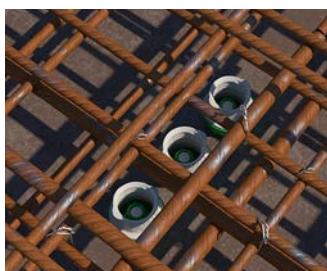
End and transition grommets, wall and ceiling elbows 30°

End and transition grommets, and wall and ceiling 30°-elbows, for ensuring a continuously functioning conduit system at transition points. The particularly compact design of the end and transition grommets enables conduit outlets to be easily arranged - even between closely spaced reinforcement bars without needing to adjust the bars. The optimum elbow radius of the wall and ceiling elbow fittings, and their precisely fitting conduit entries, avoid the occurrence of protruding edges at interfaces, thus ensuring that cables can be freely inserted from both ends.

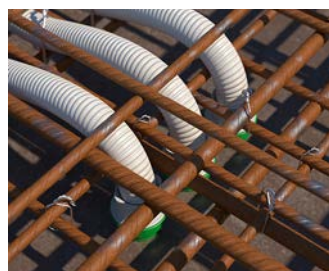
- Compact design for easy installation between closely spaced reinforcement bars
- Optimal elbow radius for easy cable insertion
- Installation against the (as yet unplaced) front formwork by means of a support strut with base plate to the rear formwork
- Two-part design with secure snap-in connection
- Easy removal of the sealing membrane
- Small visible area for neat wall/ceiling appearance



Product advantages



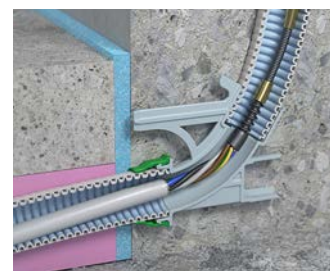
The new conduit outlet design makes it easy to feed conduits...



...even between closely spaced reinforcement bars.



The recess at the rear of the elbow piece for insertion of a support installation against the front formwork using a support strut with base plate.



The optimal elbow radius of the unit facilitates flexible and easy cable insertion.

End and transition grommets

- For connecting conduits or as a ceiling outlet
- with sealing membrane at the formwork interface
- suitable for all types of form-work



3D animation



Product-Data



Height	32 mm	36 mm	41 mm
Diameter	30 mm	35 mm	41 mm
DIN EN conduit Ø	20 mm	25 mm	32 mm
Number of parts	2	2	2
Visible area Ø	23 mm	28 mm	35 mm
Art.-No.	1204-24	1204-34	1204-29
Inner packaging/shipping	50 / 500	25 / 100	25 / 100

End and transition grommet

- For connecting conduits or as a ceiling outlet
- with sealing membrane at the formwork interface
- suitable for all types of form-work



Length x Width x Height	95 x 65 x 70 mm
DIN EN conduit Ø	40 mm
Number of parts	1
Visible area Ø	95 x 65 mm
Art.-No.	1203-28
Inner packaging/shipping	10 / 40

Wall and ceiling elbow 30°

- For connecting conduits or as a ceiling outlet
- with sealing membrane at the formwork interface
- suitable for all types of form-work



3D animation

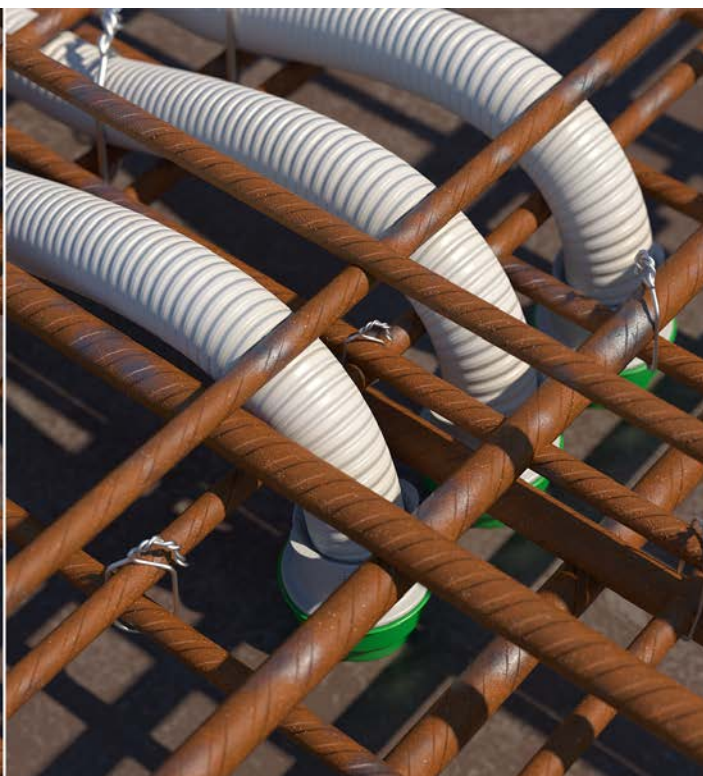
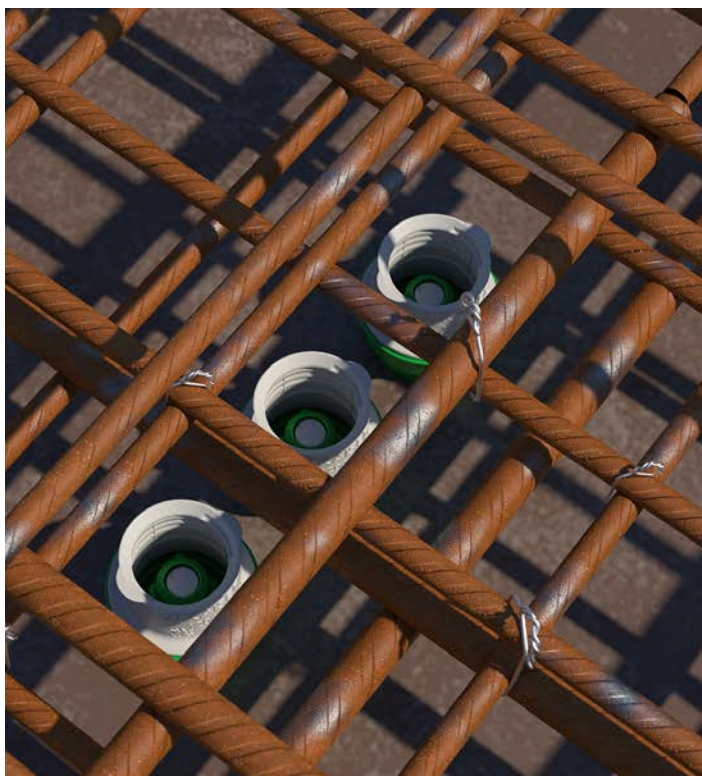


Product-Data

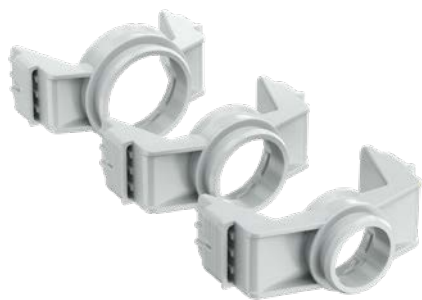


Length x Width x Height	70 x 30 x 77 mm	72 x 35 x 78 mm	80 x 41 x 83 mm
DIN EN conduit Ø	20 mm	25 mm	32 mm
Number of parts	2	2	2
Visible area Ø	23 mm	28 mm	35 mm
Art.-No.	1202-04	1202-34	1202-29
Inner packaging/shipping	25 / 250	25 / 100	25 / 100

Application examples



B¹ Prefix® wall outlet adapter



Using the B¹ Prefix® wall outlet adapter, end and transition grommets, and wall and ceiling 30°-elbows, can be easily and quickly fixed to the reinforcement for pressing against the (not yet placed) front formwork. They have two strong attachment slots, on opposite sides, for clicking the new Prefix® system wing brackets into place.

- Fast and easy installation on opposing formwork without support element and abutment
- For installation in exposed concrete, pressed against the front formwork



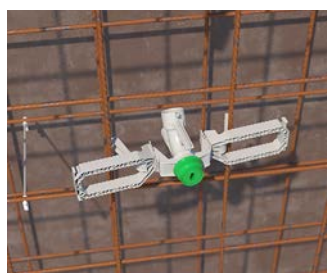
Examples of use



The B¹ Prefix® wall outlet adapter of the required size (Ø 20 mm, Ø 25 mm or Ø 32 mm) is simply snapped into place between the front and rear parts.



The B¹ Prefix® system wing brackets are now attached to the Prefix® wall outlet adapter in such a way that the planned concrete cover to the reinforcement will be achieved.



Pre-fix the wall outlet easily and quickly to the reinforcement using the Prefix® installation technology..



...and quickly tie it securely to the reinforcement, using both hands.

B¹ Prefix® wall outlet adapter - Ø 20 mm

- Facilitates fixing to the reinforcement
- Two slots for B¹ Prefix® system wings
- Can be used for the following articles:
 - End and transition grommet / Article No. 1204-24
 - Wall and ceiling elbow 30° / Article No. 1202-04



INNOVATION



3D animation

For concrete coverings of	20 - 60 mm
Art.-No.	1211-20
Inner packaging/shipping	25 / 100

B¹ Prefix® wall outlet adapter - Ø 25 mm

- Facilitates fixing to the reinforcement
- Two slots for B¹ Prefix® system wings
- Can be used for the following articles:
- End and transition grommet / Article No. 1204-34
- Wall and ceiling elbow 30°/ Art. No. 1202-34



INNOVATION



3D animation

For concrete coverings of	20 - 60 mm
Art.-No.	1211-25
Inner packaging/shipping	25 / 100

B¹ Prefix® wall outlet adapter - Ø 32 mm

- Facilitates fixing to the reinforcement
- Two slots for B¹ Prefix® system wings
- Can be used for the following articles:
- End and transition grommet / Article No. 1204-29
- Wall and ceiling elbow 30°/ Art. No. 1202-29



INNOVATION



3D animation

For concrete coverings of	20 - 60 mm
Art.-No.	1211-32
Inner packaging/shipping	25 / 100

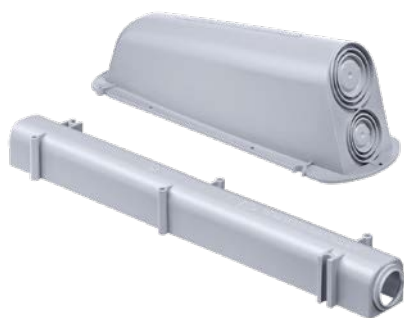
B¹ Prefix® system wing bracket set

- Facilitates fixing to the reinforcement
- Pre-fixing by means of B¹ Prefix® installation technology
- Can be used for the following articles:
- B¹ device socket
- B¹ device connection socket
- B¹ large-conduit device connection socket
- B¹ electronics socket
- B¹ two-device connection socket
- B¹ wall light connection socket
- B¹ universal wall outlet
- B¹ Prefix® adapter - Ø 20, Ø 25 and Ø 32 mm



3D animation

Length x Width x Depth	103 x 49 x 36 mm
For concrete coverings of	20 - 60 mm
Number of wings	2
Art.-No.	1211-00
Inner packaging/shipping	1 / 175



Ceiling strips

Ceiling strips for intermediate wall feeds, as ceiling exit or for connecting installation conduits. The elongated shape allows for compensation of big tolerances for lightweight intermediate wall feeds.

- For DIN EN conduits Ø 20 to Ø 25 mm
- Large tolerance compensation
- Exiting of two conduits at one exit site
- Can be combined for more than one adjacent exit
- Space for conduit ends for extending with conduit bushes



Ceiling strip (ceiling exit)

- Ceiling exit for intermediate wall feed, exit or conduit connector
- Accepts large tolerance compensation
- Open on formwork side
- Use wire-pull casing and junction casing 9914.01 for DIN EN conduits up to Ø 63 mm



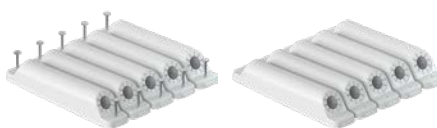
Product-Data



Length x Width x Height x Depth	138 x 36 x 29 mm	138 x 36 x 29 mm	306 x 40 x 29 mm	270 x 90 x 82 mm
For conduits to DIN EN outer Ø	20 mm	25 mm	-	-
Combination conduit entries M20/25	-	-	2	-
Combination conduit entries M20/25/32	-	-	-	1
Combination conduit entries M25/32/40	-	-	-	1
650 °C	-	-	Yes	Yes
Art.-No.	1283-33	1283-34	4558	4552
Inner packaging/shipping	25 / 100	25 / 100	- / 50	- / 10

Speedy formwork protector

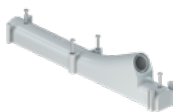
- Set of 5
- Connectable in a row
- Flexible slats grip inserted cable
- Tapered at the conduit entry points
- Flap cover - for more stability and safe stripping of formwork




Length x Width x Depth	180 x 34 x 34 mm	180 x 34 x 34 mm
Number of nails	2	
650 °C	Yes	Yes
Art.-No.	4551.14	4551
Inner packaging/shipping	- / 50	- / 50

Ceiling strip 25° (ceiling exit)

- With 4 nails 3 x 50 mm
- Accepts large tolerance compensation
- Open on formwork side
- 25° conduit entry for laying conduit on the first reinforcement level
- for intermediate wall feed



Length x Width x Depth	300 x 45 x 65 mm
Combination conduit entries M20/25	1
Number of nails	4
 650 °C	Yes
Art.-No.	4555
Inner packaging/shipping	- / 50

Conduit supports

- For secure fixing of conduits where they exit concrete ceiling slabs
- Prevents kinking of conduits



Length x Width x Height	130 x 132 x 210 mm	300 x 300 x 300 mm
DIN EN conduit Ø	16-40 mm	-
Steel diameter Ø	-	8 mm
 650 °C	Yes	-
Art.-No.	4560	11022
Inner packaging/shipping	- / 50	- / 25

Conduit bend support

- Prevents kinking of conduits



Length x Width x Height	170 x 107 x 225 mm
Number of nails	3
Radius	160
 650 °C	Yes
Art.-No.	4561
Inner packaging/shipping	- / 25

Conduit sealing cap

- for sealing conduit ends
- Halogen-free



DIN EN conduit Ø	20 mm	25 mm	32 mm
Art.-No.	1273-43	1273-44	1273-45
Inner packaging/shipping	100 / 1000	50 / 250	50 / 250



NEW

Central transition casing

The new central transition box for use in on-site mixed concrete ceilings or factory prefabricated ceiling elements is used for the central connection of conduits of different diameters. As a central feed-in point, it enables a clean transition to circuit distribution boxes and cable routing systems, allowing, for example, all the supply cables required for the electrical installation of a flat to be brought together at one transition point.

- For leaving out several cables, e.g. above an electrical distribution board located in the lightweight wall or surface-mounted
- For system magnetic, adhesive or nail fastening
- Conduit entries for Ø 20 mm, Ø 25 mm and Ø 32 mm on the long sides, up to Ø 63 mm on the short sides
- Positioning of the conduit entries above the first reinforcement layer or the top of the filigree ceiling
- Can be connected in a row as often as required



Application examples



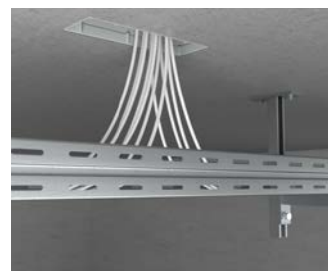
Numerous entries for conduits from Ø 20 mm to Ø 63 mm.



The central transition casing for the exit of several conduits, e.g. is located in above in the lightweight wall...



...or surface-mounted electrical distribution...



...as well as cable routing systems.

Processing instructions



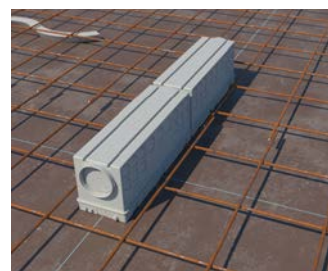
Fixing by means of steel nails.



Fixing by means of KAISER system magnet (Art. No. 1299-69) or KAISER system magnet PLUS (Art. No. 1299-70).



Fixing by means of hot glue.



If required, several central transition casings can be lined up next to each other.

Central transition casing

- For system magnetic, adhesive or nail fastening
- Conduit entries for Ø 20 mm, Ø 25 mm and Ø 32 mm on the long sides, up to Ø 63 mm on the short sides
- The conduit entries are located above the first reinforcement layer or the top of the filigree ceiling

NEW






INNOVATION



3D animation



Product-Data

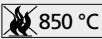


Length x Width x Depth	326 x 104 x 118 mm
Combination conduit entries M20/25	24
Combination conduit entries M25/32	6
Combination conduit entries M40/50/63	2
Extensive pull-out apertures	4
Number of nails	6
 650 °C / 	Yes / Yes
	Yes
Art.-No.	9914.10
Inner packaging/shipping	- / 10

Screw-in and moisture-proof cover ALU for central transition casing



NEW

INNOVATION

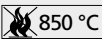
Length x Width x Height	330 x 120 x 5 mm	330 x 120 x 4 mm
Colour	RAL 9010	-
Screws	6	6
For type number	9914.10	9914.10
 850 °C / 	Yes / Yes	-
	Yes	-
Art.-No.	9914.10.02	9914.10.03
Inner packaging/shipping	- / 150	- / 50

Upper frame for central transition casing

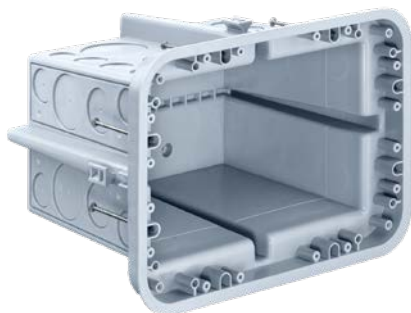


NEW

INNOVATION

Length x Width x Depth	308 x 98 x 45 mm
For type number	9914.10
 850 °C / 	Yes / Yes
	Yes
Art.-No.	9914.10.68
Inner packaging/shipping	- / 5

Wire-pull casings



KAISER wire-pull casings ensure expert cable routing through conduit networks. According to DIN 18015-1, conduit lengths of more than 15 m and with more than two bends require wire-pull casings that allow cables to be added or retrofitted at any time. Wire-pull casings provide multiple conduit entry options and maximum free space to ensure a continuous cable network, including with subsequent changes to the electrical installation.

- Quick and secure installation using pre-inserted nails
- Clean stripping where exposed concrete is required
- High dimensional stability, no internal support required
- Multiple conduit entry options
- Stackable



Examples of use



According to DIN 18015-1, pull-wire boxes are required for conduit sections of more than 15 m in length or when more than 2 bends are present.



KAISER wire-pull casings provide maximum room for the pulling and retrofitting of cables.



In case of sub-ceiling insulation, the wire-pull casing can be extended via intermediate frames



Also suitable for wall mounting - to be fastened to the reinforcement via Prefix® installation technology.

Flush-mounted junction boxes

- For wood and steel formwork on in-situ concrete and for flush-mounted (masonry) installations



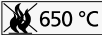


Length x Width x Depth	175 x 120 x 64 mm	170 x 115 x 95 mm	250 x 105 x 94 mm
Break-out openings Ø 20 mm	2	2	-
Combination conduit entries M20/25	14	14	26
Combination conduit entries M20/25/32	4	6	2
Number of nails	4	4	4
Combination conduit entries M40/50/63	-	-	2
650 °C /	Yes / Yes	Yes / Yes	Yes / Yes
	Yes	Yes	Yes
Art.-No.	9912.01	9911.01	9914.01
Inner packaging/shipping	- / 5	- / 5	- / 10

Wire-pull casing

- For wood and steel formwork on in-situ concrete and for flush-mounted (masonry) installations
- Where fixing to vertical formwork and using adhesive to attach, the box must be mounted on a telescopic support (item no. 9957)
- Optional accessories: plaster cover, end cover, Prefix® installation set
- Simple mounting in wall using Prefix® installation technology



3D animation

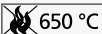


Length x Width x Depth	250 x 180 x 120 mm	250 x 180 x 185 mm
Tube entries up to M25	12	20
Tube entries up to M32	8	8
Tube entries up to M40	4	8
Extensive pull-out apertures	8	8
Intake for Prefix	4	4
Number of nails	8	8
Tube entries up to M20	-	4
Tube entries up to M50	-	4
 650 °C / 	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	9916	9916.21
Inner packaging/shipping	- / 10	- / 5

Wire-pull casing

- For wood and steel formwork on in-situ concrete and for flush-mounted (masonry) installations
- Where fixing to vertical formwork and using adhesive to attach, the box must be mounted on a telescopic support (item no. 9957)
- Optional accessories: plaster cover, end cover, set of Prefix® wings
- Simple mounting in wall using Prefix® installation technology






3D animation

Length x Width x Depth	400 x 300 x 120 mm	400 x 300 x 220 mm
Tube entries up to M25	16	24
Tube entries up to M32	8	20
Tube entries up to M40	2	20
Tube entries up to M50	8	12
Extensive pull-out apertures	10	10
Intake for Prefix	6	6
Number of nails	8	8
Tube entries up to M63	-	4
 650 °C / 	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	9917	9917.21
Inner packaging/shipping	- / 10	- / 5

Heightening frame



Length x Width x Depth	246 x 176 x 45 mm	397 x 297 x 45 mm
For type number	9916 / 9916.21	9917 / 9917.21
 850 °C / 	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	9916.68	9917.68
Inner packaging/shipping	- / 5	- / 5

Plastering covers

- For installation on rebar, without support element, before front formwork placed against it






Length x Width x Height	242 x 172 x 1 mm	390 x 290 x 1 mm
For type number	9916 / 9916.21	9917 / 9917.21
Art.-No.	9916.06	9917.06
Inner packaging/shipping	- / 30	- / 30

Screwed-on covers

- smooth surface with rounded edge
- UV-resistant



Length x Width x Height	270 x 200 x 5 mm	420 x 320 x 5 mm	262 x 112 x 5 mm	185 x 130 x 3.5 mm
Colour	RAL 9010	RAL 9010	RAL 9010	RAL 9010
Screws	4	6	-	4
For type number	9916 / 9916.21	9917 / 9917.21	9914.01	-
 850 °C / 	Yes / Yes	Yes / Yes	Yes	Yes / Yes
	Yes	Yes	Yes	Yes
Art.-No.	9916.02	9917.02	9914.02	9911.02
Inner packaging/shipping	- / 100	- / 50	- / 180	- / 5

Cover

- smooth surface with rounded edge
- suitable for Art. Nos. 9912.01 and 9911.01



Length x Width x Height	185 x 130 x 3.5 mm
Colour	RAL 9010
 850 °C / 	Yes / Yes
CE	Yes
Art.-No.	9911.12
Inner packaging/shipping	- / 5

Waterproof cover

- Anodised aluminium
- with full-surface elastomer sealing
- including stainless steel screws for cover fastening



Length x Width x Height	270 x 200 x 2 mm	420 x 320 x 2 mm	265 x 115 x 2 mm	186 x 130 x 1.5 mm
Screws	4	8	4	4x, Ø 4x35
For type number	9916 / 9916.21	9917 / 9917.21	9914.01	-
Art.-No.	9916.03	9917.03	9914.03	9911.03
Inner packaging/shipping	- / 50	- / 20	- / 50	- / 50





Assembly system Prefix®

Prefix® installation system for wire-pull casings for easy, fast installation on the opposing formwork without support. The wings are simply snapped into place. The spring-loaded clamps exert a strong force on the opposing formwork, thereby ensuring exact fitting of the wire-pull casing and a clean wall appearance.

- Fast and easy installation on opposing formwork without support element and abutment
- Holding in place using the Prefix® installation technology leaves both hands free for securing with tie wires
- For facing concrete installation to the opposing formwork



Required wings per product


	9902.22	9902.23	9902.24.40	9902.24	9902.26	9902.28	9902.29	9916*	9917*
	2	4	4	4	4	4	4	-	-
	-	-	-	-	-	-	-	4	4

* For Prefix® applications, please order the cover separately: 9916.06 / 9917.06

Prefix® wing set for inlet box 9902.xx

- Facilitates fixing to the reinforcement
- Fast and easy installation on opposing formwork without support element and abutment
- Holding in place using the Prefix® installation technology leaves both hands free for securing with tie wires



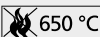
Length x Width x Height	150.1 x 59 x 16 mm	150.1 x 59 x 16 mm
Number of wings	4	12
 650 °C	Yes	Yes
Art.-No.	9940.25	9940.50
Inner packaging/shipping	- / 5	- / 10

Set of Prefix® wing brackets

- Facilitates fixing to the reinforcement
- For wire-pull casings (Art. No. 9907.10 and 9907.10.21)
- For wire-pull casings (Art. No. 9916 and 9917)



INNOVATION

Length x Width x Height	137 x 59 x 16 mm
Number of wings	2
 650 °C	Yes
Art.-No.	9940.20
Inner packaging/shipping	- / 10

Universal installation housing

Universal installation housing for the installation of almost all device types and shapes in concrete walls and ceilings. The housing system consists of nine different installation housings and an extensive range of accessories.

- For displays, LED lights and much more
- For installing almost all shapes and sizes
- For installation in walls or ceilings
- For in-situ or prefabricated concrete
- For horizontal or vertical formwork and for masonry



Application example



The concreted-in housing with flush-mounted finish of the mineral fibreboard. The groove in the mineral fibreboard indicates the maximum installation area.



The support element in the installation housing prevents it being pressed inward during concreting.



When attaching the device to the installation housing, use only screws that go into but not right through the mineral fibreboard cover (e.g. SPAX countersunk head screw 3.5 x 15 mm)!



The front cover can be easily cut to create virtually any opening shape.

Note

The indicated wall thicknesses refer to walls without a fire protection function. The following applies to fire protection walls: Remaining wall thickness must be min. 60 mm. When using halogen lamps, pay attention to maximum power (see product details).

Universal installation housing with mineral fibreboard cover

- two-part, consisting of a rear housing and a front part with a mineral fibreboard insert
- all-round groove indicates the maximum opening size
- for loudspeakers, displays and LED lights



Length x Width x Depth	90 x 90 x 70 mm	150 x 90 x 70 mm	128 x 128 x 86 mm
Installation opening	40 x 40 mm	100 x 40 mm	75 x 50 mm
Device installation depth	60 mm	60 mm	65 mm
Ceiling thickness	≥ 140 mm	≥ 140 mm	≥ 140 mm
Wall thickness	≥ 110 mm	≥ 110 mm	≥ 120 mm
suitable for horizontal formwork	Yes	Yes	Yes
suitable for vertical formwork	Yes	Yes	Yes
Art.-No.	1223-22	1224-22	1295-22
Inner packaging/shipping	- / 10	- / 10	- / 10

Universal installation housings for concrete ceilings and walls

Universal installation housing with mineral fibreboard cover

- two-part, consisting of a rear housing and a front part with a mineral fibreboard insert
- all-round groove indicates the maximum opening size
- incl. internal support element to strengthen the housing

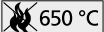


Length x Width x Depth	180 x 180 x 90 mm	250 x 220 x 90 mm
Installation opening	120 x 100 mm	200 x 145 mm
Device installation depth	65 mm	65 mm
Ceiling thickness	≥ 140 mm	≥ 140 mm
Wall thickness	≥ 120 mm	≥ 120 mm
suitable for horizontal formwork	Yes	Yes
suitable for vertical formwork	Yes	Yes
Art.-No.	1296-22	1297-22
Inner packaging/shipping	- / 10	- / 5

Universal installation housing with mineral fibreboard cover

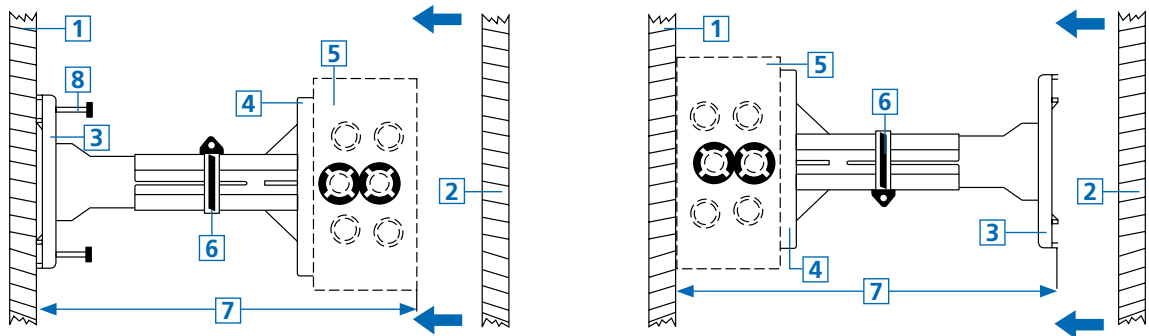
- suitable for installation in horizontal or vertical formwork and in masonry
- two-part, consisting of a housing and a mineral fibreboard cover
- Optional accessory: Set of Prefix® wing brackets



Length x Width x Depth	258 x 188 x 135 mm	258 x 188 x 200 mm	408 x 308 x 135 mm	408 x 308 x 235 mm
Installation opening	194 x 124 mm	194 x 124 mm	344 x 234 mm	344 x 234 mm
Device installation depth	105 mm	180 mm	115 mm	215 mm
Ceiling thickness	≥ 180 mm	≥ 240 mm	≥ 180 mm	≥ 280 mm
Wall thickness	≥ 180 mm	≥ 240 mm	≥ 180 mm	≥ 280 mm
Tube entries up to M25	12	20	16	24
Tube entries up to M32	8	8	8	20
Tube entries up to M40	4	8	2	20
Extensive pull-out apertures	8	8	10	10
Number of nails	8	8	8	8
max. output halogen luminaires	1x35 W QR-CBC, 1x50 W Alu	1x50 W QR-CBC, 1x75 W Alu	1x50 W QR-CBC, 1x75 W Alu	1x75 W QR-CBC, 2x50 W QR-CBC, 2x75 W Alu
Tube entries up to M20	-	4	-	-
Tube entries up to M50	-	4	8	12
Tube entries up to M63	-	-	-	4
 650 °C	Yes	Yes	Yes	Yes
Art.-No.	1298-37	1298-38	1297-34	1297-35
Inner packaging/shipping	- / 10	- / 10	- / 4	- / 4

Support technology for boxes and installation housings

Supporting by means of telescopic support: Junction boxes and installation housings can be installed on either side of a wall after the formwork has been placed on one side - either by fixing them directly to the rear (already placed) formwork or by supporting them off the rear formwork via a telescopic support. If the junction box is attached directly to the already-placed formwork or if heavy loading is to be expected due to a large concrete pouring height, additional securing by means of a telescopic support is recommended.



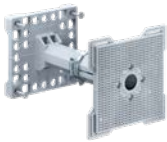
1 Working formwork | 2 Opposing formwork | 3 Base plate | 4 Supporting plate | 5 Junction casing | 6 Hose clamp | 7 Wall thickness +2 cm | 8 Nail

Note

When the formwork is closed, the junction box and the telescopic support are compressed between the formwork panels. The extra 2 cm of length allowed ensures sufficient pressure for a secure fit. Always tighten the hose clamp fully!

Telescopic support

- For supporting all boxes (99xx.xx without support element connection detail) on erected wooden formwork
- Fixing of the base plate by means of the four enclosed nails
- Fixing of the supported box by screwing onto the support plate
- Without extension piece, adjustable for wall thickness from 135 to 205 mm + depth of supported box. With enclosed extension piece, adjustable from 195 to 265 mm + depth of supported box.



Length x Width x Height	110 x 110 x 150-300 mm
Number of nails	4
 650 °C	Yes
Art.-No.	9957
Inner packaging/shipping	- / 10

International products



For international projects, we offer a large range of products that meet the relevant national standards and regulations.

- Dimensions and approvals based on national standards
- Suitable installation tools
- Many combination options



Installation



Fix the front part to the formwork (nail or screw fastening).



Make a conduit entry (punch pliers or universal opening cutter).



Inserting the conduits through exact openings.



Simple installation via snap-in connection.



Tie lugs provide additional security if extreme loads are expected.



Open the concrete construction boxes, then install the accessory.



Simply click in the sliding nuts..



...enables the accessory inserts to be precisely aligned.

One-gang box for British accessories, one-gang



- Accessories can be aligned at any time by using to M 3.5 slide nuts
- Certified according to BS 4662 standard



One-gang box for British accessories, two-gang



- Accessories can be aligned at any time by using to M 3.5 slide nuts
- Certified according to BS 4662 standard



Length x Width x Depth	89 x 89 x 60 mm	149 x 89 x 60 mm
Screw spacing	60,3 mm	120,6 mm
Installation opening	68 x 68 mm	68 x 128 mm
Markings for cables and DIN EN conduits up to Ø 32 mm	4	6
Number of parts	2	2
Art.-No.	1223-41	1224-41
Inner packaging/shipping	- / 100	- / 100

Slide nuts for British accessories



- 2 pieces required per one-gang box
- for clipping into one-gang boxes 1223-41/1224-41
- protected against corrosion

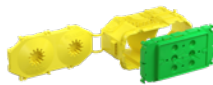


Art.-No.	1224-99
Inner packaging/shipping	100 / 100

B¹ one-gang box Italian standard with 3 modules



- For 3 modules in monoblock construction
- Suitable for all types of formwork
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element
- Suitable for American accessories



B¹ one-gang box Italian standard with 4 modules



- For 4 modules in monoblock construction
- suitable for all types of form-work
- 2-piece with moulded rear part
- Two slots for B¹ Prefix® system wings
- Rear part of box with slot for support element



Length x Width x Depth	160 x 75 x 91 mm	160 x 75 x 91 mm
Screw spacing	83 mm	108 mm
Break-out openings for DIN EN Ø 20/25 mm conduits	7	7
Break-out openings for DIN EN Ø 32/40 mm conduits	2	2
Markings for cables up to Ø 16 mm	7	7
Number of parts	2	2
Art.-No.	1269-03	1269-04
Inner packaging/shipping	5 / 50	5 / 50

One-gang box for Italian and American accessories



- For 3 modules in monoblock construction (single row)
- Installation opening 60 x 90 mm



One-gang box for Italian and American accessories



- Device screw spacing 2 x 83.5 mm, for installing Italian and American accessories
- for 2x3 modules in monoblock construction (double row)
- Installation opening 72 x 105 mm



Length x Width x Depth	100 x 68 x 55 mm	128 x 128 x 80 mm
Screw spacing	83 mm	-
Markings for cables and DIN EN conduits up to Ø 25 mm	8	-
Number of parts	2	2
Entry fields	8	8
possible DIN EN conduit sizes per entry field: 4 x 16 mm Ø, 3 x 20 mm Ø, 1 x 25 mm Ø, 1 x 32 mm Ø, 1 x 40 mm	-	Yes
	-	Yes
Art.-No.	1200-00	1295-02
Inner packaging/shipping	- / 100	1 / 10

One-gang box combinations for Swiss accessories



- incl. stabilising cover



Length x Width x Depth	78 x 78 x 58 mm
Break-out openings Ø 20 mm	9
Combination conduit entries M20/25	2
Number of nails	Yes
Halogen-free	Yes
650 °C /	Yes / Yes
/	Yes / Yes
Art.-No.	9918
Inner packaging/shipping	- / 50

Inlet box 2x1 to 4x1



- compatible with Feller SNAPFIX®
- Nail domes also serve as Prefix® connection points
- Increased stability
- Separately guided nailing points
- With separator wall and stabilisation lid
- For device screws Ø 3 mm
- Max. tightening torque 0.5 Nm



Length x Width x Depth	137 x 77 x 70 mm	197 x 77 x 70 mm	257 x 77 x 70 mm
Conduit entries M20	6	6	6
Conduit entries M25	6	6	6
Combination	2x1	3x1	4x1
Combination conduit entries M20/25	2	2	2
Drilling Center max. Ø 40 mm	--	2	4
650 °C /	Yes / Yes	Yes / Yes	Yes / Yes
/	Yes / Yes	Yes / Yes	Yes / Yes
Art.-No.	9902.22	9902.23	9902.24.40
Inner packaging/shipping	- / 50	- / 28	- / 20

Inlet box 2x2 to 4x2



- compatible with Feller SNAPFIX®
- Nail domes also serve as Prefix® connection points
- Increased stability
- Separately guided nailing points
- With separator wall and stabilisation lid
- For device screws Ø 3 mm
- Max. tightening torque 0.5 Nm



Length x Width x Depth	137 x 137 x 70 mm	197 x 137 x 70 mm	257 x 137 x 70 mm	197 x 197 x 70 mm
Conduit entries M20	8	8	8	8
Conduit entries M25	8	8	8	8
Combination	2x2	3x2	4x2	3x3
Combination conduit entries M20/25	4	4	4	4
Drilling Center max. Ø 40 mm	--	2	4	4
650 °C /	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Art.-No.	9902.24	9902.26	9902.28	9902.29
Inner packaging/shipping	- / 12	- / 8	- / 8	- / 8

Prefix® wing set for inlet box 9902.xx



- Facilitates fixing to the reinforcement
- Fast and easy installation on opposing formwork without support element and abutment
- Holding in place using the Prefix® installation technology leaves both hands free for securing with tie wires

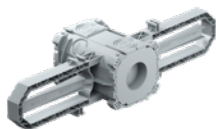


Length x Width x Height	150.1 x 59 x 16 mm	150.1 x 59 x 16 mm
Number of wings	4	12
650 °C	Yes	Yes
Art.-No.	9940.25	9940.50
Inner packaging/shipping	- / 5	- / 10

Prefix® concrete construction box



- compatible with Feller SNAPFIX®
- Fast and easy installation on opposing formwork without support element and abutment
- Holding in place using the Prefix® installation technology leaves both hands free for securing with tie wires
- Several units can be securely joined together to form norm-compliant combinations
- For device screws Ø 3 mm
- Max. tightening torque 0.5 Nm



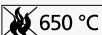



Depth	97 mm
Exit opening Ø	30 mm
Combination	1x1
 650 °C / 	Yes / Yes
 / 	Yes / Yes
Art.-No.	9940
Inner packaging/shipping	- / 10

Prefix® 2.0 concrete construction box



- compatible with Feller SNAPFIX®
- For device screws Ø 3 mm
- Max. tightening torque 0.5 Nm



Depth	90 mm	90 mm	90 mm
Combination	1x1	2x1 NUP	3x1 NUP
Break-out openings Ø 20 mm	8	16	24
Break-out openings Ø 25 mm	8	16	24
Combination conduit entries M20/25	4	4	4
Drill holes M32	4	4	4
Opening wall outlet	30 mm	30 mm	30 mm
 650 °C / 	Yes / Yes	Yes / Yes	Yes / Yes
 / 	Yes / Yes	Yes / Yes	Yes / Yes
Art.-No.	9941	9941.25	9941.35
Inner packaging/shipping	- / 15	- / 5	- / 5

Separator walls

- for separating junction casings from electrical circuit
- can be retrofitted
- Halogen-free



for casing size	180 x 180 mm	250 x 220 mm
Art.-No.	1296-20	1297-20
Inner packaging/shipping	10 / -	10 / -

Cover

- flat cover edge
- surface roughened
- countersunk for screw heads




For casing size - concrete construction boxes	128 x 128 mm	180 x 180 mm	250 x 220 mm
For casing size - flush-mounting boxes	107 x 107 mm	159 x 159 mm	238 x 208 mm
For casing size - cavity wall boxes	105 x 105 mm	165 x 165 mm	235 x 205 mm
Fireproof	850 °C	850 °C	850 °C
Art.-No.	1095-93	1096-93	1097-93
Inner packaging/shipping	10 / 500	10 / 200	5 / 100

Universal VDE cover

- for all one-gang, one-gang junction and junction boxes
- with central exit for light hook
- flat cover edge
- surface roughened



Diameter	92 mm	92 mm
Screw spacing	60 / 67 mm	60 / 67 mm
Fireproof	850 °C	850 °C
Halogen-free	-	Yes
	Yes	Yes
Art.-No.	1184-90	1184-77
Inner packaging/shipping	25 / 250	25 / 250

Universal waterproof cover

- central entry with stoppers
- for countersunk screws Ø 4 mm



Diameter	90 mm	90 mm
Screw spacing	67 mm	60 mm
Fireproof	850 °C	850 °C
Halogen-free	Yes	Yes
Art.-No.	1174-99	1174-98
Inner packaging/shipping	10 / -	10 / -

End covers and separator walls

for on-site mixed concrete

Plug-in cover

- With central plug-in connector
- For mounting wood screw Ø 3.5 mm, head Ø 6.5 - 7 mm, attach centrally in cover exit
- Screw not included



Height	5 mm
Diameter	98 mm
Colour	RAL 9010
 850 °C / 	Yes / Yes
	Yes
Art.-No.	11081
Inner packaging/shipping	- / 10

Plug-in cover with cable outlet

- With central plug-in connector
- For Art. Nos. 1245-60/-62/-63 and 1246-57
- For mounting wood screw Ø 3.5 mm, head Ø 6.5 - 7 mm, attach centrally in cover exit
- Screw not included



Height	5 mm	22 mm
Diameter	98 mm	80 mm
Colour	RAL 9010	RAL 9010
 850 °C / 	Yes / Yes	Yes / Yes
	Yes	Yes
Art.-No.	11082	11088
Inner packaging/shipping	- / 10	- / 10

Cover with mounting ring

- Can also be used as cover for reserve conduit exits
- Attach the mounting ring (included) to the exit and place the end cover in position (bayonet fitting)
- For Art. Nos. 1245-60/-62/-63 and 1246-57



Height	15 mm
Outer diameter	100 mm
Art.-No.	10100
Inner packaging/shipping	- / 10

Conduit and cable distance support

- Fixing to the formwork using expanding dowels, nails or screws
- Halogen-free



For fixing cable and conduit to formwork	Yes	-
Conduit and cable distance piece for 1270-00	-	Yes
Art.-No.	1270-00	9060-95
Inner packaging/shipping	- / 1000	1000 / 30000

Plug-in cover

- Break-out openings for cables and light fitting support hooks
- Plug-in depth min. 3 mm max. 15 mm



Diameter	35 mm	60 mm
Art.-No.	1148-93	1259-96
Inner packaging/shipping	25 / 100	25 / 250

Expanding dowel

- for quick fixing to steel formwork
- 1-piece in plastic
- for boxes, casings, bushes etc.
- drill hole size required Ø 5.5 mm



Diameter	5,5 mm
Art.-No.	1217-02
Inner packaging/shipping	500 / 2500

FLUSH-MOUNTING

CAVITY WALL

CONCRETE

HOUSINGS

FIRE PROTECTION

PLUGGABLE

CONNECTIVITY

CABLE GLANDS

TOOLS

SERVICE