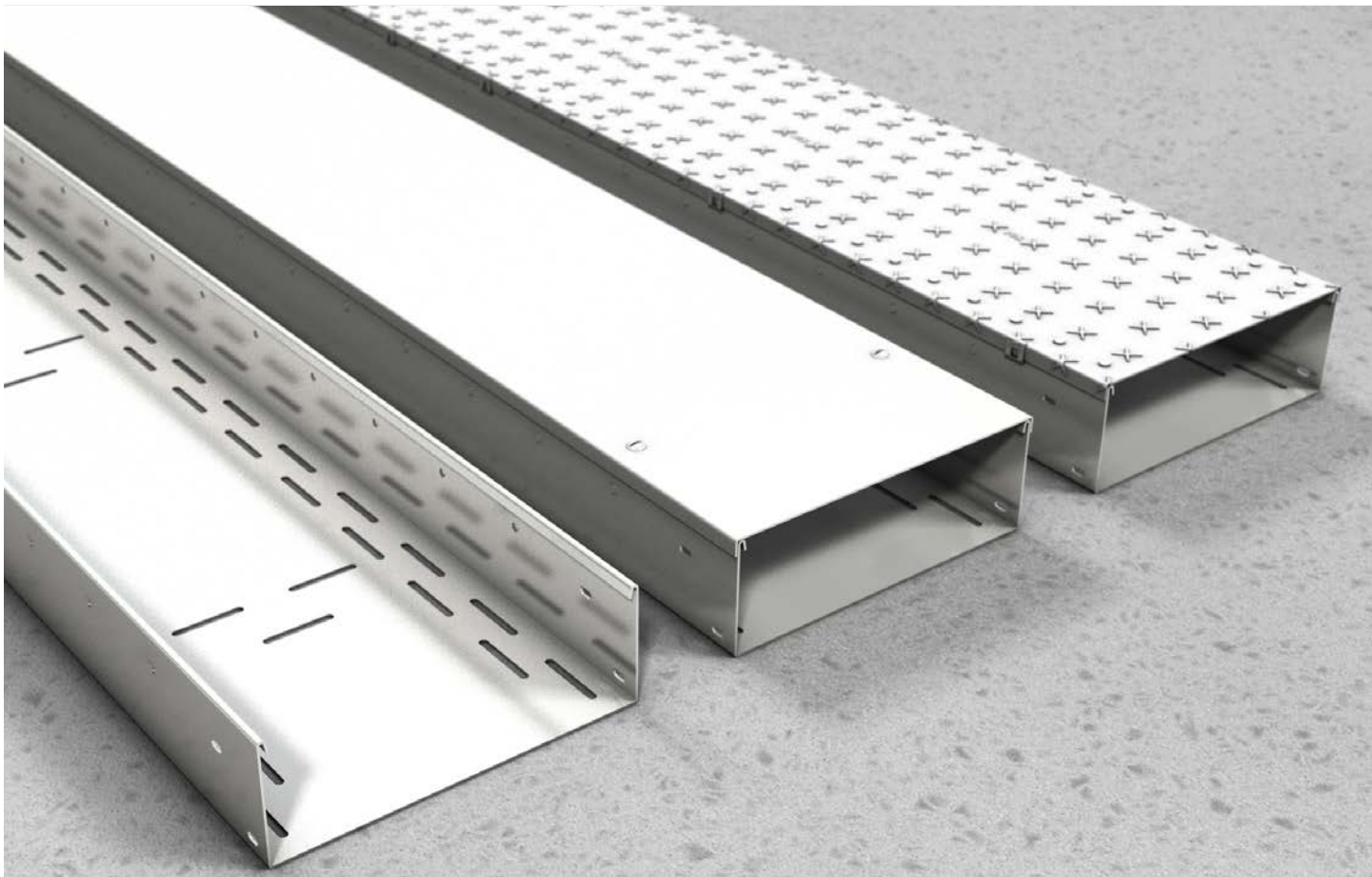
PohlCon

PARTNER
FROM START
TO FUTURE.

Floor ducts

Assembly instructions



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General information

Floor ducts of type BK from PohlCon are used to protect cables and supply lines in industrial halls and production facilities. The ducts are installed on the ground or in an elevated fashion. Thanks to their covers, which can withstand loads of up to 5 kN and have a non-slip embossing with an exceptionally high profile, they are completely safe to walk on. On the sides of the BK floor ducts, you will find a row of knock-out slugs that can easily be pushed out. Various elements, including equipotential bonding components, can then be attached to the resulting side holes.

The following general instructions must be observed before beginning assembly work:

1. The permissible torque must be observed for all screw connections. (see table: "Selection of screw tightening torques").
2. The following applies to all shaped parts, changes in direction or open ends: The maximum distance of 300 mm in relation to the end of the shaped part and the support must be observed (see Fig. 1).
3. Carry out cutting and sectioning work with the utmost care and in compliance with occupational safety (see Fig. 2).
4. All cutting and sectioning points are to be galvanised on site after deburring. A cold zinc paint (KZF) or a cold zinc spray (KZS) can be used to repair cut edges and defects for strip-galvanised or pre-galvanised material (version S). Only cold zinc paint (KZF) may be used for the finally galvanised / batch galvanised version (version F).
5. Screw locking devices must be used where vibration occurs.
6. In areas where cables and conductors are routed, threaded ends must be avoided (see Fig. 3). **Risk of cable damage!**
7. To achieve the required load-bearing capacity of the cover so that it can be walked on, the maximum compartment size is 200 mm. The number and arrangement of separating strips (BKRT) are determined based on the floor duct width and the cable routing arrangement.

Recommended tightening torques

Nominal thread diameter	Property class Screw GV/F (DIN EN ISO 898-1)	Tightening torque acc. to VDI 2230 Nm	Property class Screw E/E4 (DIN EN ISO 3506-1)	Tightening torque acc. to VDI 2230 Nm
M6	4.6	**3.7**	50	**4.6**
M8	4.6	**9.1**	50	**11.2**
M10	4.6	**18.3**	50	**22.2**
M12	4.6	**31.0**	50	**38.0**
M6	8.8	**10.1**	70	**10.0**
M8	8.8	**24.6**	70	**24.1**
M10	8.8	**48.0**	70	**47.7**
M12	8.8	**84.0**	70	**82.0**

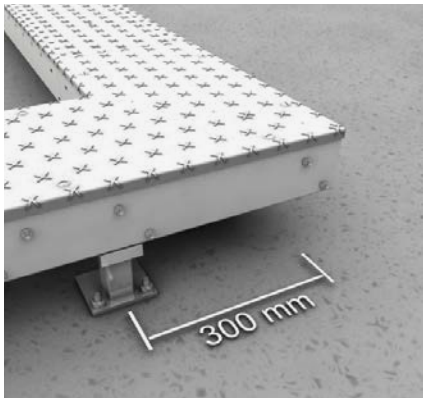


Fig. 1: Support distance
Spacing to the end of the shaped part in the event of a change in direction: max. 300 mm.

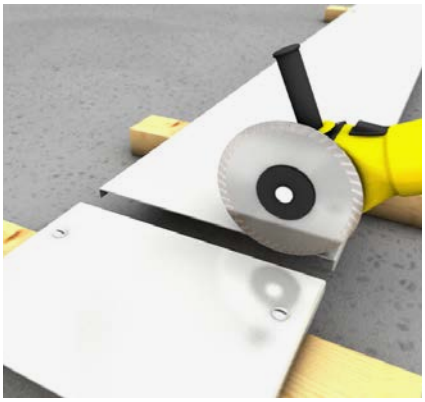


Fig. 2: Cutting and sectioning work
Carry out cutting and separating work in accordance with occupational health and safety regulations. E.g.: Floor duct cover BKD 30.

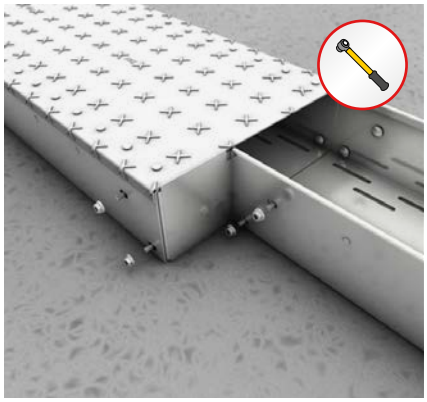
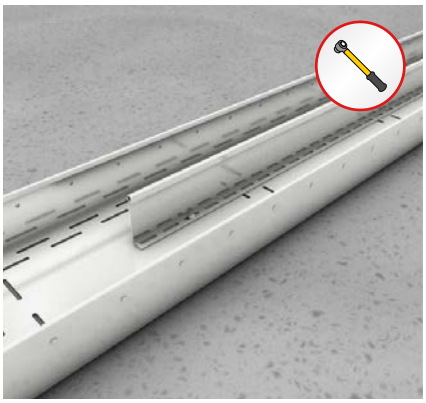
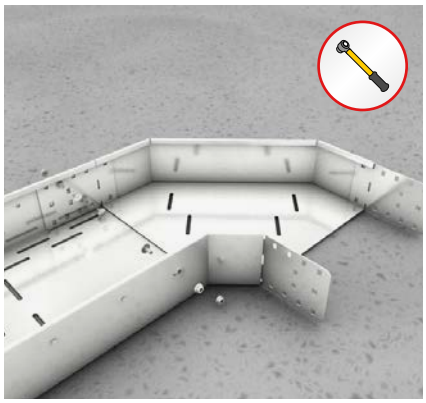


Fig. 3: Risk of cable damage
Threaded ends must be avoided in areas where cables and conductors are routed.

Fastening of elements

Fastening of brackets, separating strips and shaped parts using KLR

The classic connection is made using a clamp fastening set (KLR). The clamp fastening set KLR consists of two round-head screws (FRSV 6x12) and two hex flange nuts (SEMS 6). The round-head screw FRSV is inserted from the inside to the outside and fastened from the outside using the hexagon flange nut SEMS. Also pay attention to the information under "General information".

Individual fastening using self-drilling screws BS 4.2x13 and BS 5.5x19





In locations where accessories such as side panels or brackets are to be attached and no pre-defined holes are provided, or where the existing holes do not align, the use of self-drilling screws (BS) is recommended. The self-drilling screw BS to be used is selected according to the total thickness of all connected sheet metal parts (in mm) and fastened using a TX drive. Pre-drilling is not strictly required.

Self-drilling screws DIN 7504

Screw	Thread diameter (d1) mm	Sheet thicknesses mm	Thread length (L) mm	Usable thread length (lg) mm	ISR size	Surface finish
4.2 x 13	4.2	1.75 - 3.0	13	4.3	T20	Steel, galvanised
5.5 x 19	5.5	1.75 - 5.25	19	8.0	T25	Steel, galvanised

Safety instructions

To ensure a safe work process during installation, please observe the following safety instructions.

Symbols



Wear safety goggles

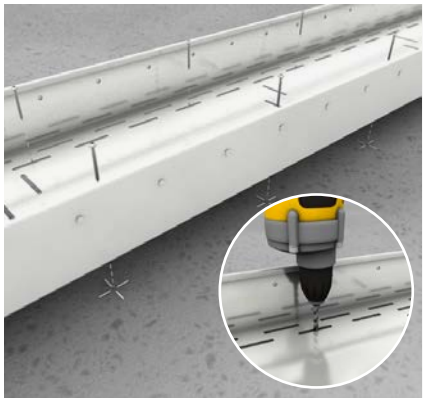


Wear hearing protection

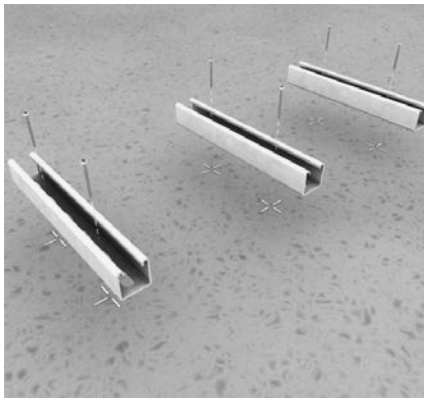


Observe tightening torque for fastening elements

Installation on the ground and elevating elements



Installing directly on the ground
Place the floor duct on the ground and mark the drilling positions through the openings in the base plate, or drill directly through them. Subsequently, mount the floor duct directly on the ground using suitable fastening elements (e.g. SD 6 expansion anchor).



Mounting on C profile (KHA 41)
For elevated installation (41 mm) using the C profile KHA 41, mark the drilling positions and drill while observing the maximum support spacing (max. 1.5 m). Subsequently, mount the KHA 41 with the closed side on the ground using a suitable fastening element (e.g. SD 12 expansion anchor). To secure it, use channel nuts with an M6 thread (AMF22 M6 or AMK22 M6) and insert them into the profile. Bolt the floor duct in place using M6 round-head screws (FRIK 6x25 or FKS 6x20).



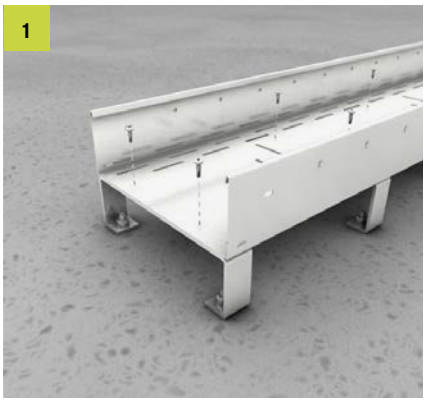
Floor duct holder (BKHR)
For elevated installation (BKH: 110 mm, BKHR: 108 mm) using the floor duct holder BKHR, mark the drilling positions and drill while observing the maximum support spacing.

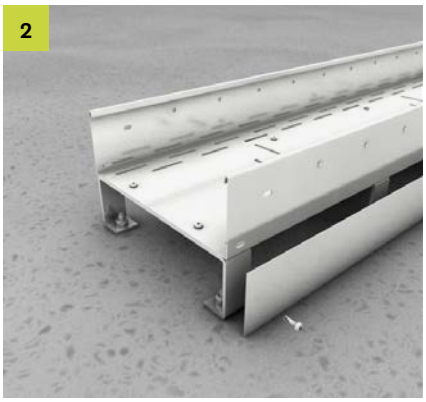


Subsequently, mount the BKH(R) using a suitable fastening element (e.g. SD 12 expansion anchor). Secure the floor duct onto the bracket using self-drilling screws (BS 4.2x13). If the floor duct holder BKHR is longer than 400 mm, we recommend using the BKHRU floor duct holder support.

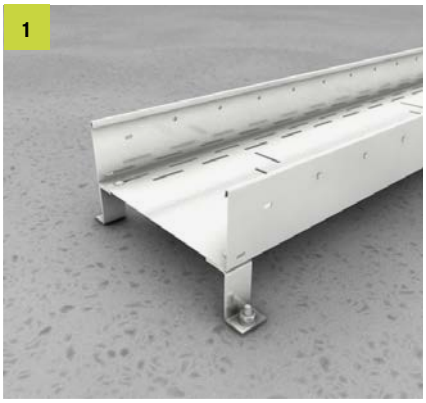


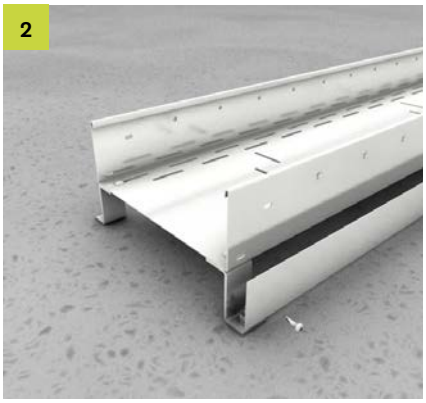
If required, attach the side panel (BKHRSV) to the end plates of the BKHR using BS 4.2x13 screws. Please note that attaching the BKHRSV to the BKH is not possible due to the lack of an end plate.



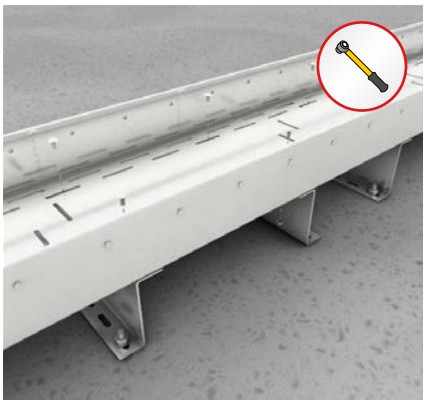


Floor duct holder (BKHR)
For elevated installation (90 mm) using the BKHC floor duct holder, mark the drilling positions and drill while observing the maximum support spacing. Subsequently, mount the BKHC using a suitable fastening element (e.g. SD 12 expansion anchor). Secure the floor duct onto the bracket using self-drilling screws (BS 5.5x19). If required, attach the side panel (BKHCSV) to the end plates of the BKHC using BS 5.5x19 screws.



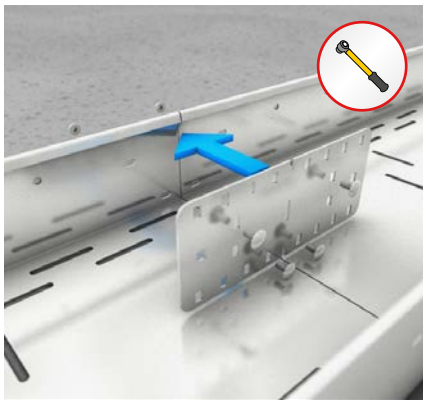


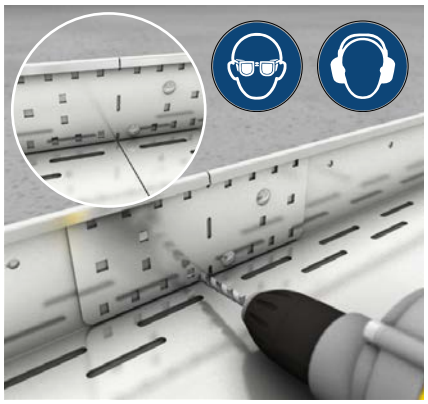
Floor duct holder (BKHR)
For elevated installation (75/85 mm), mutually align the BKHZ floor duct holders, mark the drilling positions and drill while observing the maximum support spacing. Subsequently, mount the BKHZ using a suitable fastening element (e.g. SD 8 expansion anchor). Secure the floor duct onto the bracket using the clamp fastening set (KLR). If required, attach the side panel (BKHZSV) to the end plates of the BKHZ using BS 4.2x13 screws.

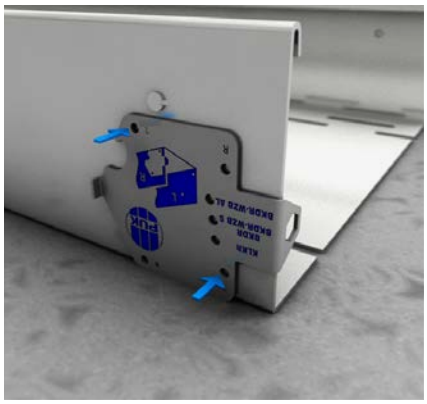


Z profile (KHZ)
For elevated installation (80/100/120) using the KHZ floor duct holder, mark the drilling positions and drill while observing the maximum support spacing. Subsequently, mount the KHZ in an alternating fashion using a suitable fastening element (e.g. SD 8 expansion anchor). Secure the floor duct onto the bracket using the clamp fastening set (KLR).

Installing connectors



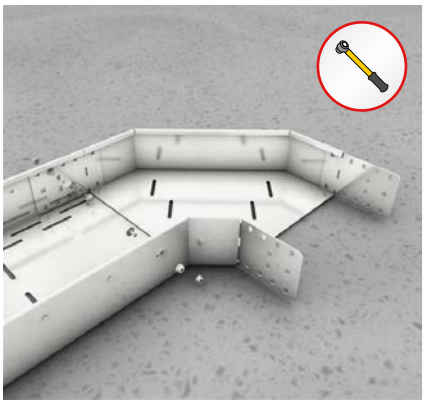




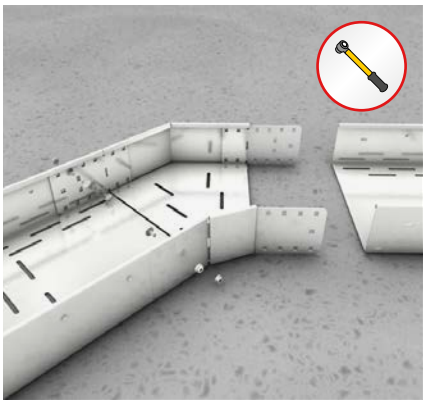
Floor duct connector (BKV)
Slide the BKV floor duct connector into the side rail of the floor duct and secure it with two clamping screws (KLR) per side rail. Slide in the adjoining duct and secure it using two screws per side rail.

Drilling additional screw holes
If the floor duct is shortened, two drill holes per side rail are required for the new screw connections. As shown in the illustration, these can be created using the pre-assembled connector for two holes, each with a diameter of 6.5 mm. Alternatively, the multitool (BKMT) can be used to mark the drilling positions for the connectors. To do this, place the multitool flush against the outside of the joint and the underside of the floor duct, and mark the positions indicated. Repeat the process for the opposite side in a mirror-image fashion.

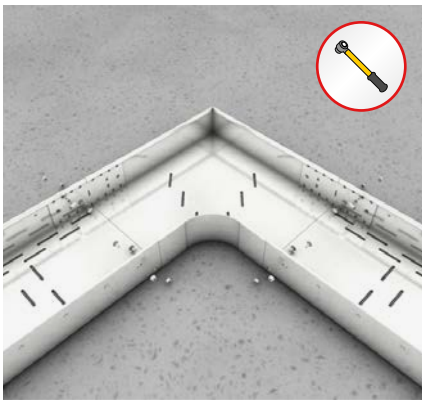
Horizontal change in direction



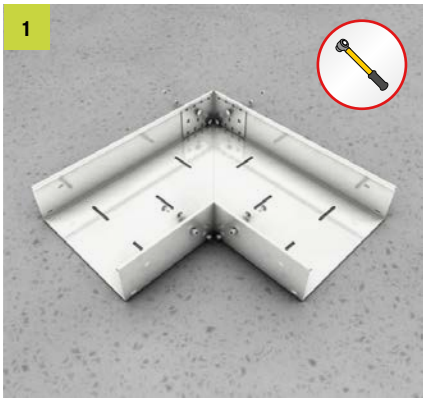
90° floor duct bend (BKB)
For a 90° change in direction, slide the BKB with the pre-fitted connectors into the side rails of the floor duct and fasten it twice per side rail using clamping screws (KLR).



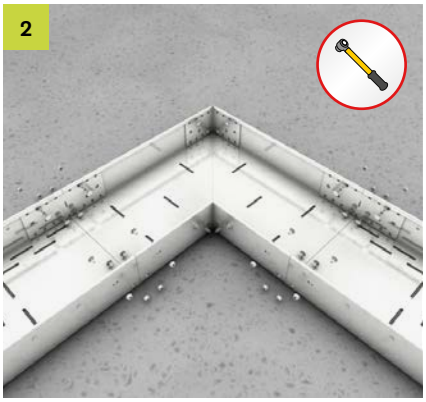
45° floor duct bend (BKB45)
For a 45° change in direction, slide the BKB45 with the pre-fitted connectors into the side rails of the floor duct and fasten it twice per side rail using clamping screws (KLR).



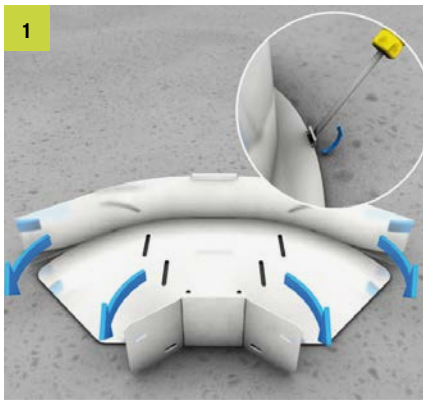
Floor duct bend with radius (BKBR)
For a 90° change in direction, slide the BKBR with the pre-fitted connectors into the side rails of the floor duct and fasten it twice per side rail using clamping screws (KLR).



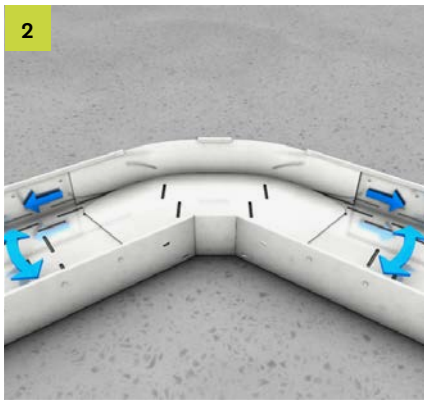
Floor duct bend with mitre cut (BKBG)
For the BKBG, the shaped parts are fastened twice per side rail using the connectors pre-bent to 90° (BKV90) and the clamping screws (KLR).



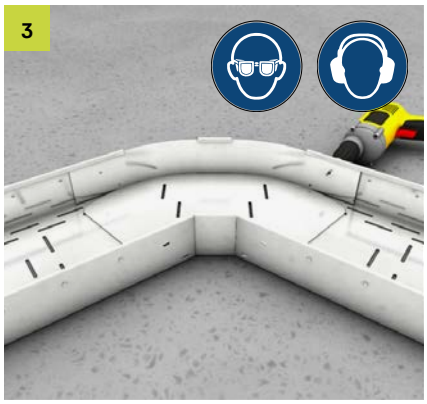
Fasten the prepared shaped part to the floor ducts using the connectors (BKV) and two KLR clamping screws per side rail.



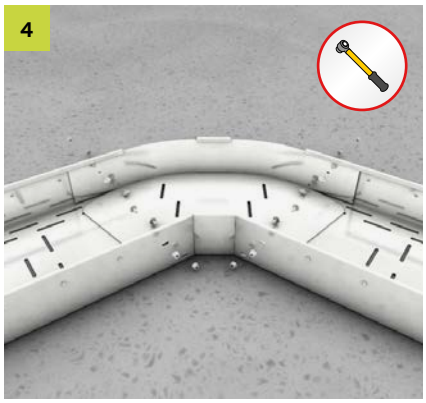
Floor duct bend, variable (BKVB)
Bend the outer side connectors to the required radius and bend up the tab on the base using a slotted screwdriver. Move the inner connector into the required position.



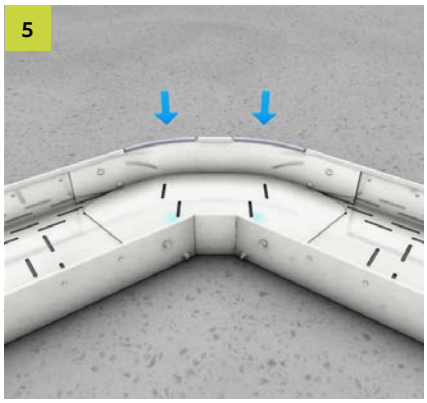
Slide the connector tabs into the side rails of the floor ducts as far as they will go.



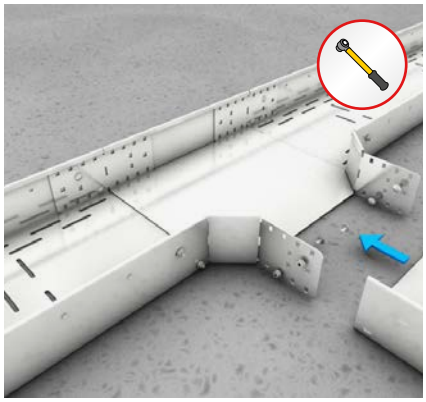
Drill two holes with a diameter of 6.5 mm per side rail.



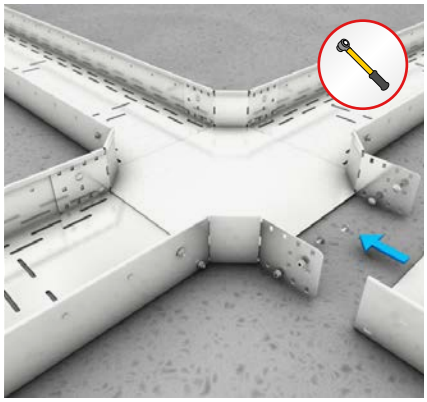
Fasten the connectors to each side rail using two clamping screws (KLR).



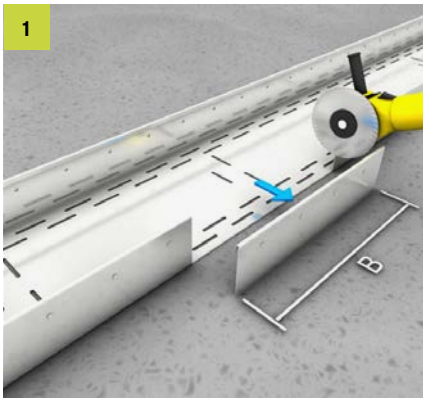
Fit the edge protection strip (KSB-S) onto the outer connector.



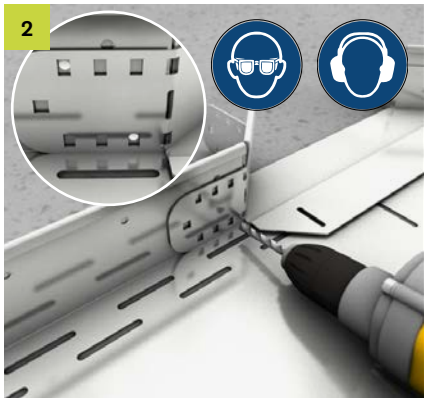
90° floor duct branch (BKA)
Slide the floor ducts onto the connectors of the BKA floor duct branch and fasten them twice per side rail using clamping screws (KLR).



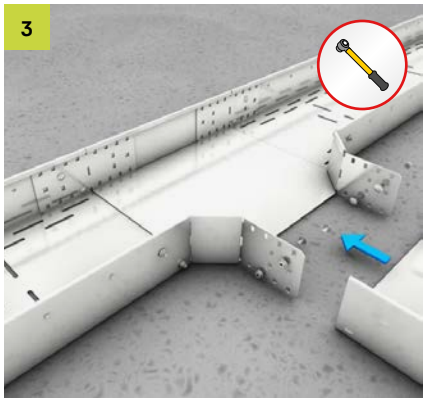
Floor duct intersection (BKK)
Slide the floor ducts onto the connectors of the BKK floor duct crossing and fasten them twice per side rail using clamping screws (KLR).



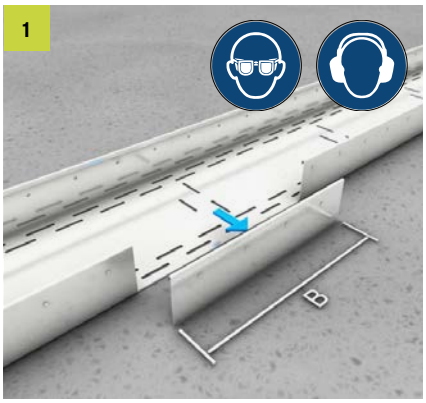
90° floor duct attachment branch (BKAA)
When installing a BKAA floor duct attachment branch fabricated on-site, cut out the side rail flush with the base to the predefined width, deburr and cold-galvanise. Width of the cut-out = width of the connecting duct + 120 mm.



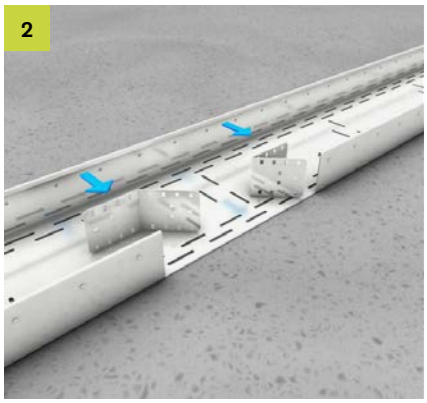
For fastening, two holes per side rail with a diameter of 6.5 mm must be drilled in the area of the cut-out. For this purpose, either place the BKAA in the intended position on the inside or use the installation tool (BKMT).



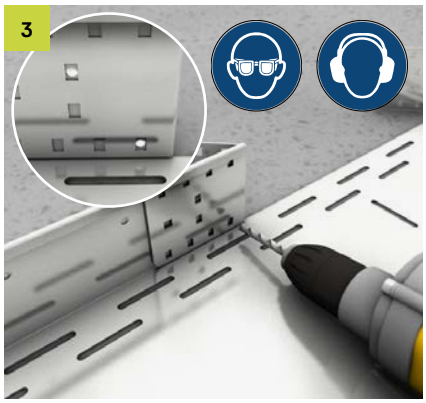
Screw the BKAA in place at the cut-out, slide on the connecting floor duct and fasten twice per side rail using clamping screws (KLR).



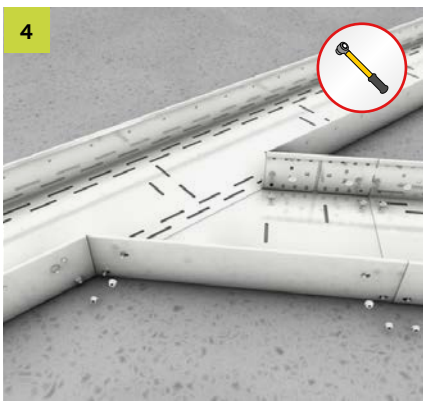
45° floor duct branch with mitre cut (BKGR/BKGL)
In the continuous floor duct, cut out the side rail flush with the base to the predefined width B (see table), deburr and cold-galvanise.



Position the two pre-bent connectors in the required direction.



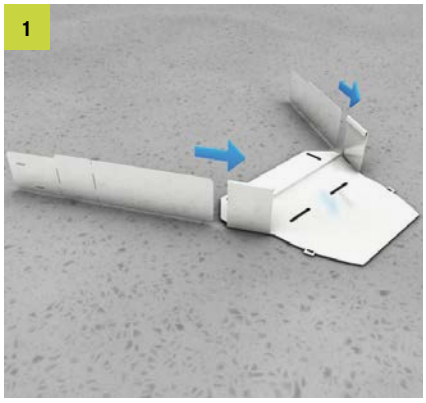
In the area of the cut-out, two holes per side rail with a diameter of 6.5 mm must be drilled for fastening. For this purpose, either place the connector in the intended position or use the installation tool (BKMT).



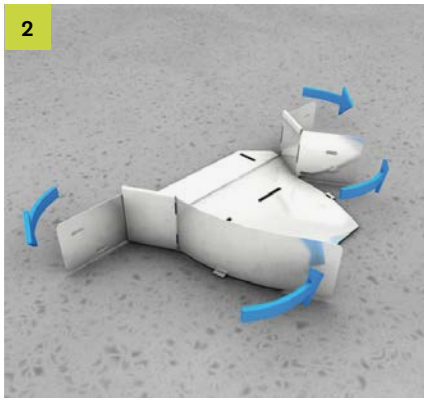
Slide the connecting BKGR or BKGL onto the floor duct and fasten twice per side rail using clamping screws (KLR).

Connecting duct width	B mm
BKG(R/L) 100	141
BKG(R/L) 150	211
BKG(R/L) 200	282
BKG(R/L) 300	423
BKG(R/L) 400	564
BKG(R/L) 500	705
BKG(R/L) 600	847

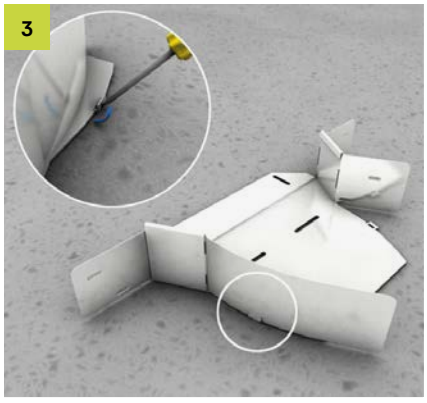
Cut-out width B for BKGR and BKGL.



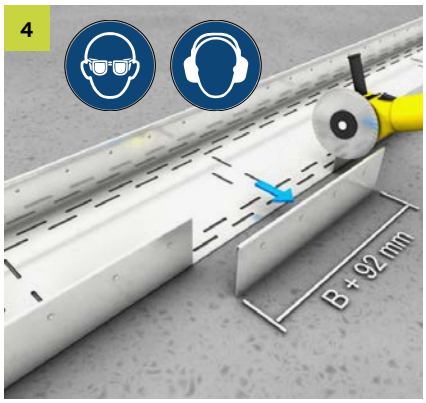
Floor duct attachment branch, variable (BKVAA)
Select the connectors according to the direction of the bend – the long side always faces away from the direction of the bend – and slide them into the side rails as far as they will go.



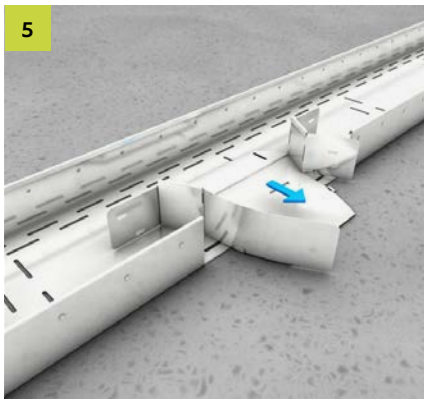
Pre-bend the ends of the connectors to the intended end position.



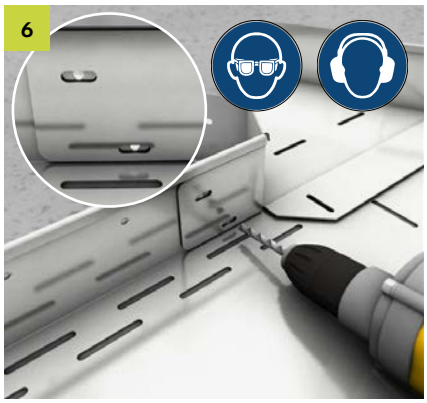
For duct widths of 400 mm or more, bend up the tab on the side facing away from the direction of the bend.



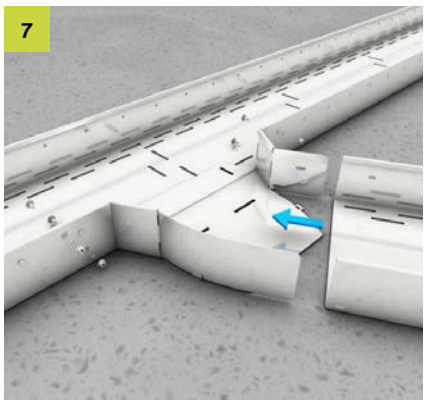
Cut out the side rail flush with the base to the predefined width, deburr and cold-galvanise. Width of the cut-out = width of the connecting duct + 92 mm.



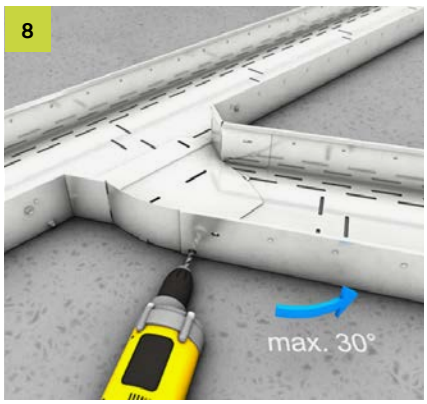
Insert the pre-assembled BKVAA from the inside into the cut-out of the floor duct.



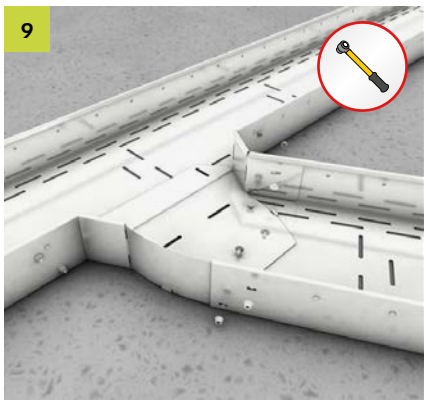
In the area of the cut-out, two holes per side rail with a diameter of 6.5 mm must be drilled for fastening. For this purpose, either place the connector in the intended position or use the installation tool (BKMT).



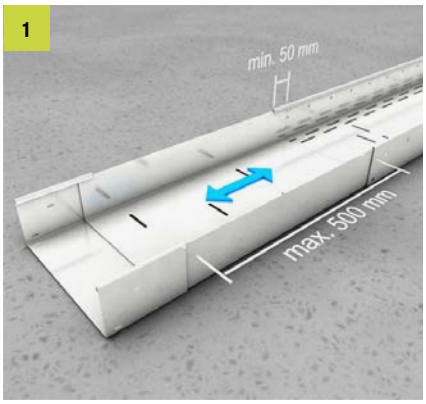
Fasten the variable attachment branch to each side rail using two clamping screws (KLR) and slide on the connecting duct.



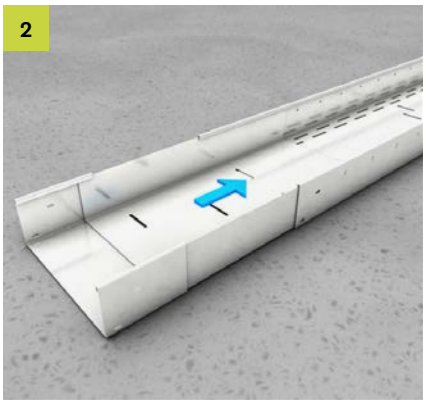
Align the connecting duct according to the selected direction of the bend, up to a maximum of 30°. For duct widths over 300 mm, drill two additional holes with a diameter of 6.5 mm in the long connector.



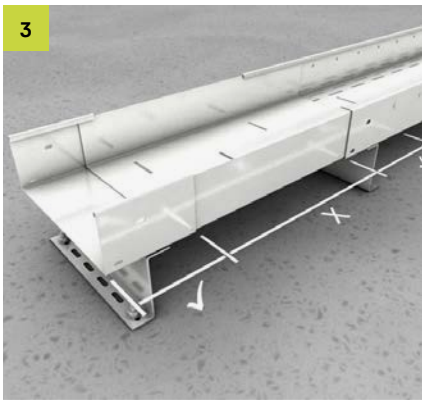
Fasten the connectors on the connecting duct using two KLR clamping screws.



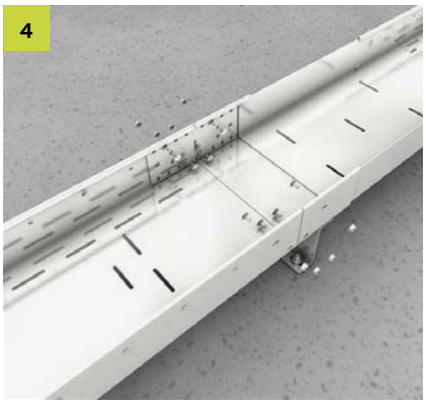
Telescopic insert (BKTE)
The telescopic insert allows distances of up to 500 mm to be bridged.



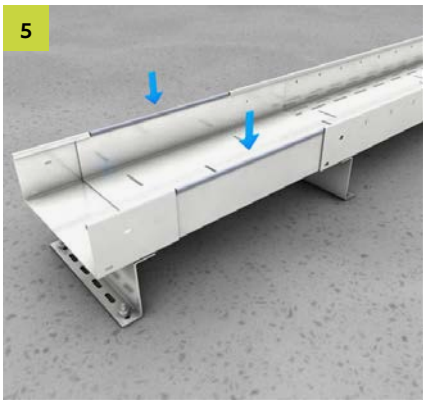
Slide the BKTE telescoping insert into the floor duct.



The supporting surfaces on the floor duct holder must be positioned outside the sliding area marked with an “X” due to height differences.

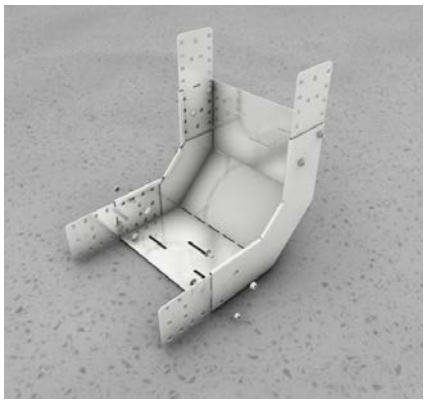


Install the adjacent floor duct using the connectors (BKV) and two clamping screws (KLR) per side rail.

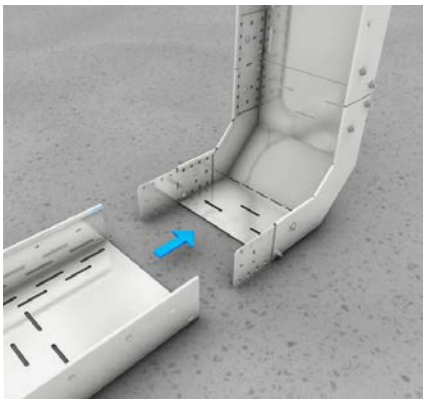


In the sliding area, fit the edge protection strip (KSB-S) to the top edge of the side rail to compensate for the height offset.

Vertical change in direction



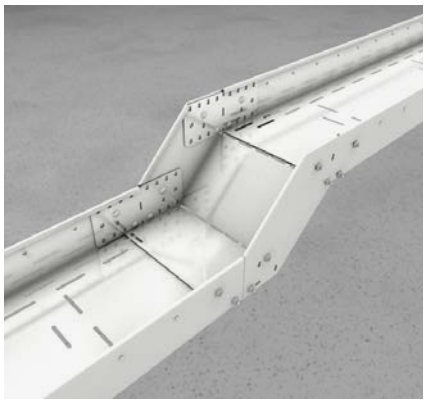
90° floor duct rising bend (BKS)
For a vertical 90° change in direction as a falling or rising section, bend the base plate by 45° at the perforation depending on the direction, and fasten the connectors (RGV 60) to the shaped part using clamping screws (KLR).



When installing as a rising section: Slide the bent base plate with the fastened connectors into the inside of the connecting floor ducts. Fasten the connectors and base plate perforation using clamping screws (KLR).

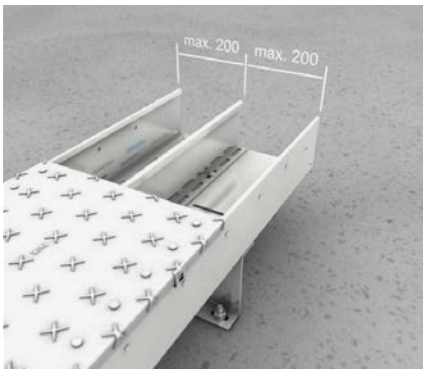


When installing as a falling section: Place the fastened connectors inside the connecting floor ducts and the bent base plate outside, against the duct. Optionally, attach a cable tray end plate (REB) as edge protection at the connecting edge. Fasten the connectors and base plate perforation using clamping screws (KLR).

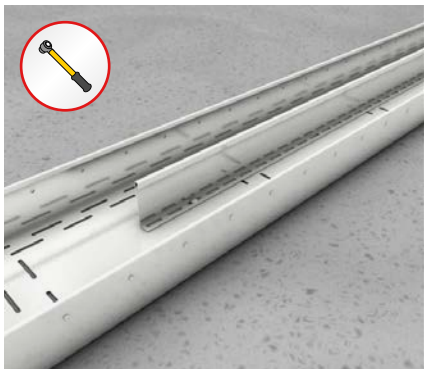


When used to bridge a height offset: Place the fastened connectors inside the connecting floor ducts and the bent base plate outside, against the duct. Optionally, attach a cable tray end plate (REB) as edge protection at the connecting edge (not included in set). Fasten the connectors and base plate perforation using clamping screws (KLR).

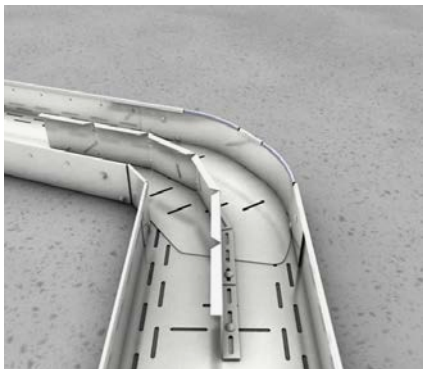
Installing separating strips and covers



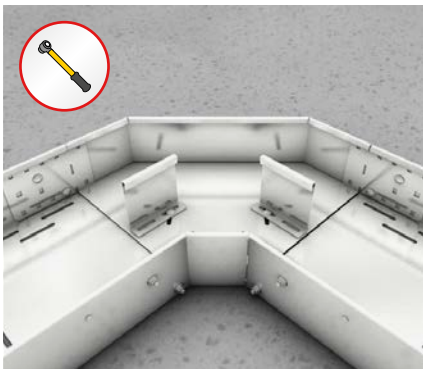
Maximum compartment width
To achieve the required load-bearing capacity of the cover so that it can be walked on, the maximum compartment size is 200 mm. The number and arrangement of separating strips (BKRT) are determined based on the floor duct width and the cable routing arrangement.



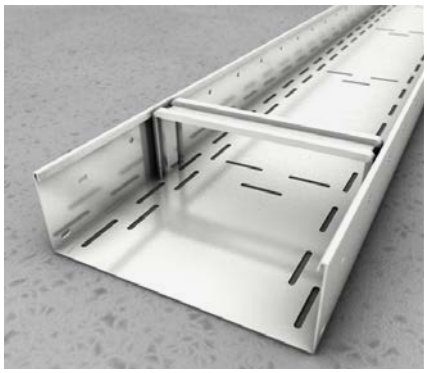
Separating strip (BKRT)
If necessary, cut to length, deburr and cold-galvanise. To fix in place, fasten the BKRT in the elongated holes of the base plate using three clamping screws (KLR) (one in the centre and approximately 100 mm from each end). Keep intersection areas free!



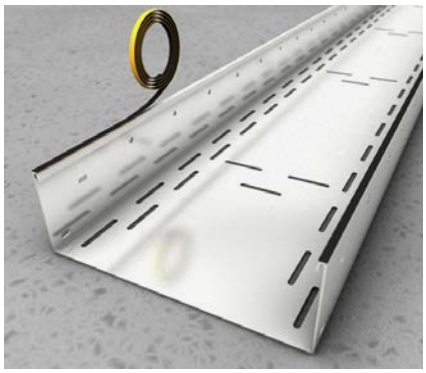
Variable separating strip (BKRTV)
Bend the variable separating strip to the desired radius and angle and fasten it to the base plate using clamping screws (KLR). Observe the maximum compartment width! If necessary, the separating strip can be shortened by holding the retaining flaps and repeatedly bending it back and forth to break it.



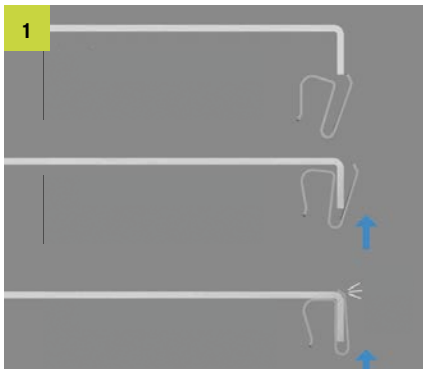
Floor duct support profile (BKDS)
To support the floor duct covers in shaped parts or intersection areas, fasten the BKDS to the base plate using clamping screws (KLR). Observe the maximum compartment width!



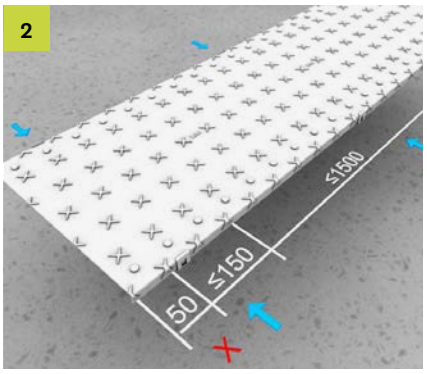
Floor duct cover support (BKDU)
To provide additional support for the floor duct cover at weak points such as exit points or intersection areas, place the BKDU with the appropriate width inside the floor duct.



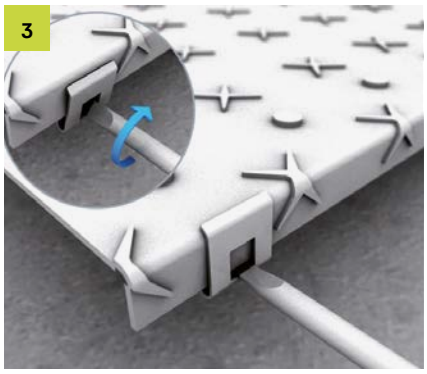
Non-slip tape
To minimise the risk of slippage between walkable covers and the floor ducts, the non-slip tape (ARB) can be affixed to the top edge of the side rails and separating strips (BKRT).



Installation with cover clamp (BKDHK) with BKD and BKD-RHP
Position the BKDHK on the edge of the cover with the release opening facing outwards. Rotate and press it onto the edge of the cover until it clicks into place. Not compatible with BKDR-WZB.



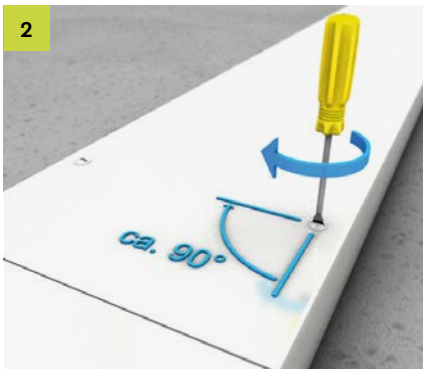
If no twist locks (DR-BK) are used, it is recommended to place a pair of cover clamps at intervals of at least 1,500 mm and near the cover end (maximum distance from cover end: 150 mm). The minimum distance from the cover end is 50 mm.



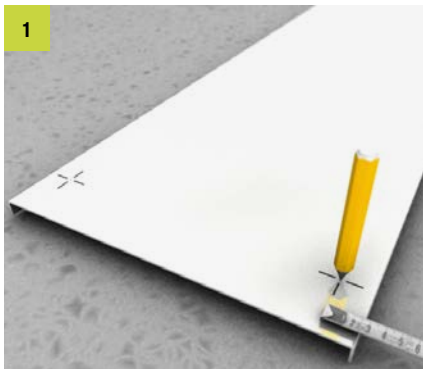
To remove, insert a slotted screwdriver into the release opening and rotate to release the BKDHK from the cover.



Installation with twist locks
For covers with twist locks, ensure the twist locks are aligned parallel to the left cover edge before placing the cover.



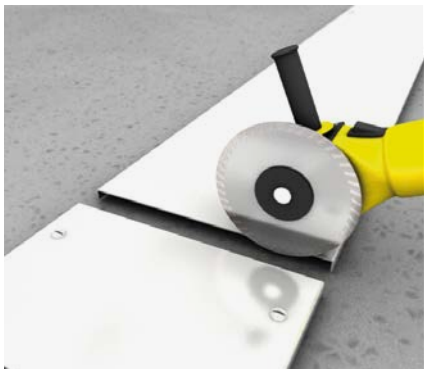
To close, first press down firmly on the cover near the lock. Rotate the twist locks clockwise using a slotted screwdriver with a suitable blade size (10 x 1.6 mm) and lock them in place by performing a maximum rotation of 90°. Check that the cover is securely seated to ensure correct installation.



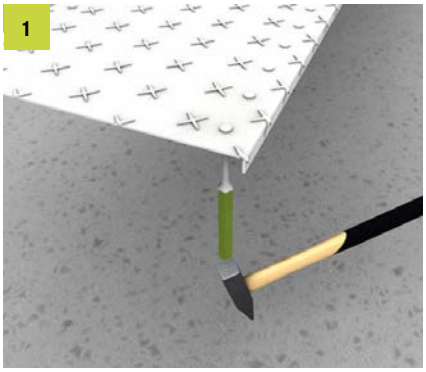
Marking and drilling twist lock holes
Mark the distance from the edge based on the floor duct cover used and centre-punch. Exact positioning of the twist lock is crucial to ensure that it functions properly. Pre-drill if necessary.



Alternatively, use the multitool (BKMT) to mark the hole positions: Align the BKMT flush with the cover edge using the tab containing the external hexagonal tool and mark according to the cover to be installed. A drill template may also be used.

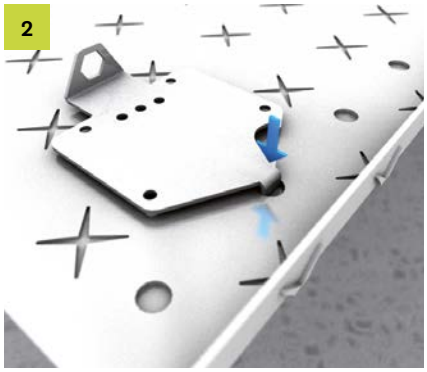


Shortening the covers (BKDR and BKDR-WZB)
If, after shortening, the distance between the twist lock (DR-BK) and the cover end is less than 150 mm, two new opposing twist locks will need to be fitted.

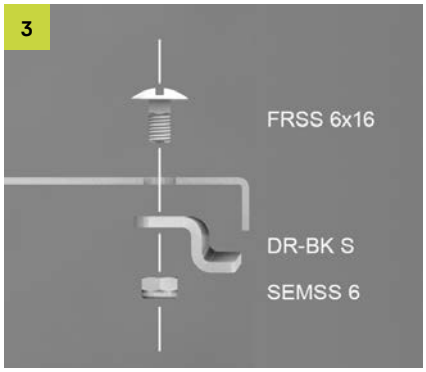


Installing twist locks (DR-BK) on floor duct covers with anti-slip embossing (BKD-RHP)

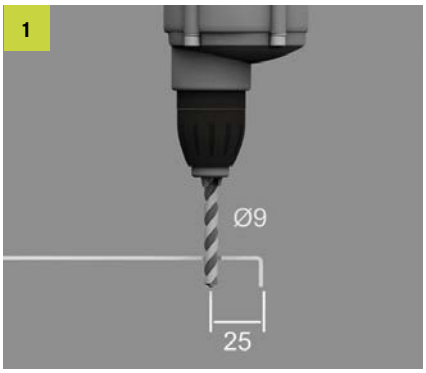
If no cover clamps (BKDHK) are used, it is recommended to install one pair of twist locks at intervals of at least 1500 mm and additionally near the cover



end (maximum distance to the cover end: 150 mm). Knock out the slugs from below and insert the twist locks (DR-BK) into the resulting holes. Alternatively, the knock-out slugs for the twist locks can be removed using the multitool (BKMT). To do this, place the punch

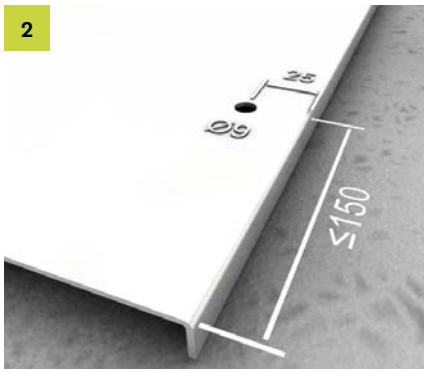


of the BKMT against the pre-punched knock-out slug from below and knock it out. Finally, counter-tighten the twist lock DR-BK until it is hand-tight, leaving sufficient play to allow for manual locking.

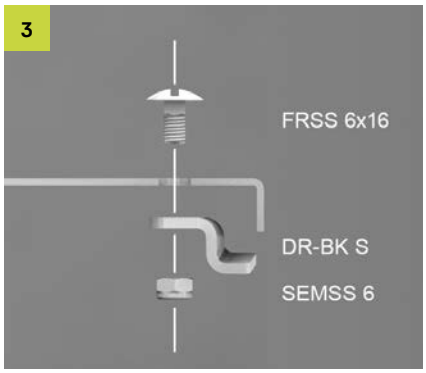


Installing additional twist locks (DR-BK) on shortened floor duct covers (BKDR)

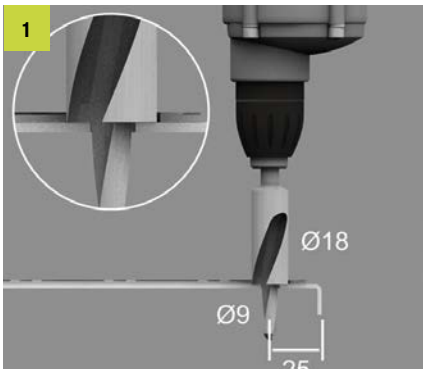
If no cover clamps (BKDHK) are used, it is recommended to install one pair of twist locks at intervals of at least 1500 mm and additionally near the cover end



(maximum distance to the cover end: 150 mm). Mark the twist lock holes at a distance of 25 mm from the bent cover edge. Then centre-punch, pre-drill, drill the twist lock holes with a diameter of 9 mm, and deburr. Finally, counter-tighten

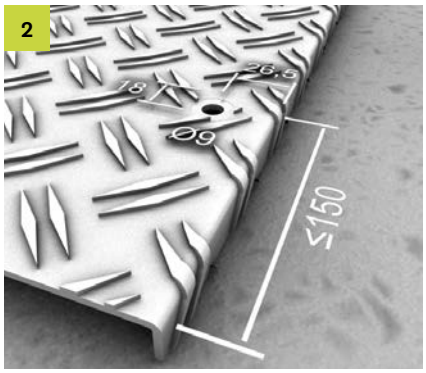


the twist lock DR-BK until it is hand-tight, leaving sufficient play to allow for manual locking.

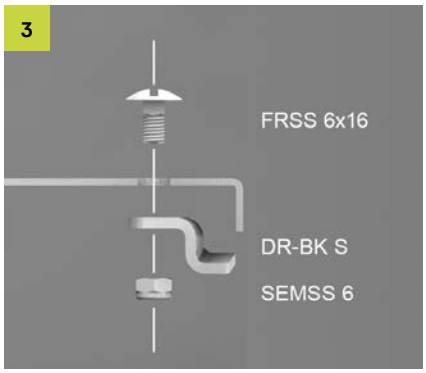


Installing additional twist locks (DR-BK) on shortened floor duct covers (BKDR-WZB)

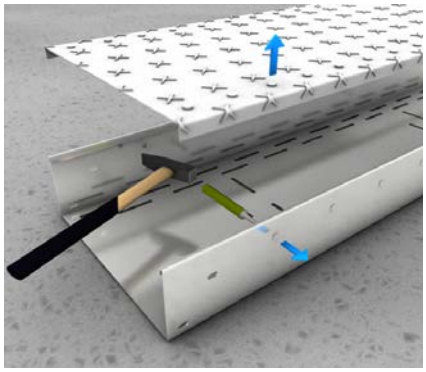
It is recommended to install one pair of twist locks at intervals of at least 1500 mm and additionally near the cover end (maximum distance to the cover end: 150 mm). Mark the twist lock holes



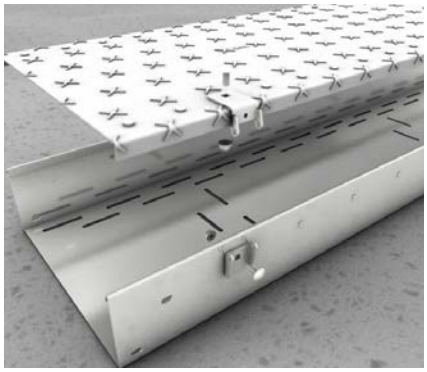
at a distance of 26.5 mm from the bent cover edge. Then centre-punch, pre-drill and drill the twist lock holes with a diameter of 9 mm. Remove the raised tread pattern on the sheet metal surface over
a diameter of 18 mm and deburr. This creates a flat seating surface for the



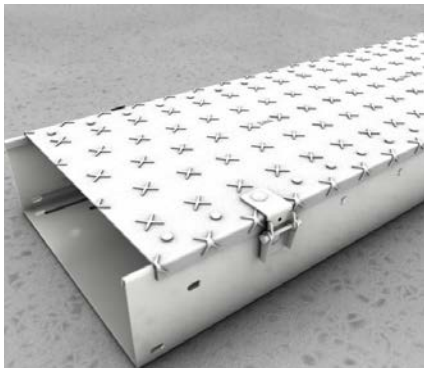
twist locks. A step drill (STB 9/18) can be used for this purpose. Finally, counter-tighten the twist lock DR-BK until it is hand-tight, leaving sufficient play to allow for manual locking.



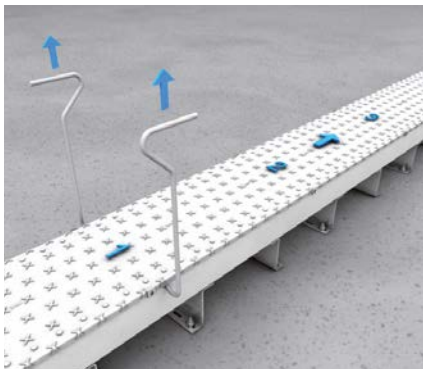
Floor duct cover hinge (BKD-S)
It is recommended to install one cover hinge at intervals of at least 1500 mm and additionally near the cover end (maximum distance to the cover end: 150 mm). To do so, knock out the corresponding knock-out slug in the floor duct (BK) and the cover (BKD-RHP).



Using the clamping screw set (KLR), fasten all individual hinge components to the complete cover and the complete floor duct.



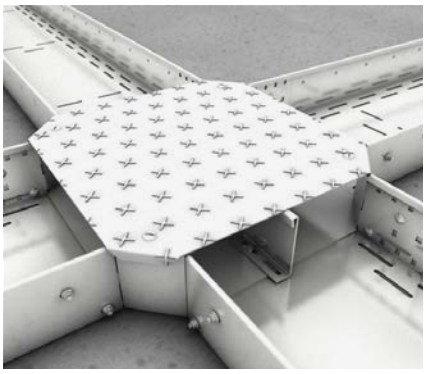
Then, counter-tighten the hex socket screws (IK) acting as hinges, leaving a small amount of play. Optionally, install twist locks (DR-BK) or cover clamps (BKDHK) on the opposite side.



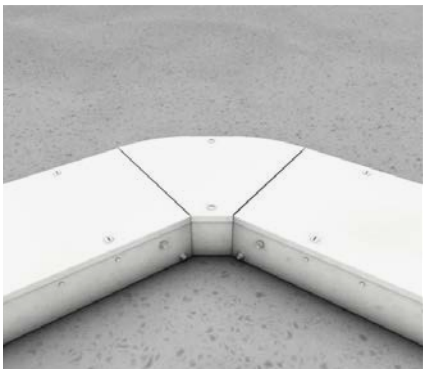
Removing covers installed with cover clamps (BKDHK)
Hook the cover lifter onto both sides of the cover directly next to the cover clamps, and lift. Repeat this process sequentially at all remaining positions until all cover clamps have been released from the floor duct and the cover can be removed.



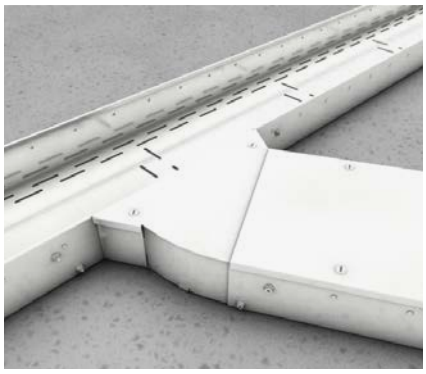
Floor duct cover protection strip (BKDSL)
To prevent dust from entering beneath the covers, the strip can be installed at the cover joints. To do this, clamp the BKDSL between the bend ends of the duct and lay the covers in an overlapping fashion.



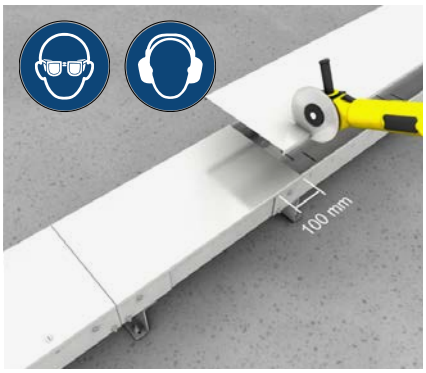
Floor duct shaped part cover
Shaped part covers are generally secured using pre-installed twist locks. In the intersection areas of shaped parts, install floor duct support profiles (BKDS) to maintain the maximum compartment width.



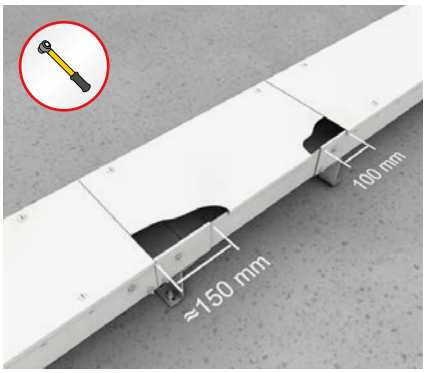
Floor duct bend cover with twist locks, variable (BKVBDR)
First, place the cover of the variable floor duct bend in position, then lock it in place. Now place the adjoining floor duct covers so that they overlap and fasten them in place.



Floor duct attachment branch cover with
twist locks, variable (BKVAADR)
First, place the cover of the variable floor duct branch in position, then lock it in place. Now place the adjoining floor duct covers so that they overlap and fasten them in place.

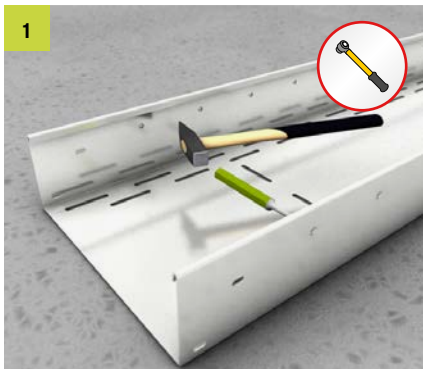


Telescopic insert cover (BKTE)
Fit the floor duct cover (BKDR / BKD-RHP / BKD-WZB) for the BKTE and align the covers so they are edge to edge. The BKTE cover must overlap on each raised side rail (minimum 100 mm).

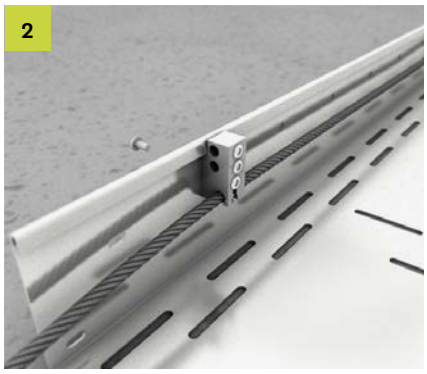


The twist locks must be installed in the area where the support surfaces are.

Other installation steps



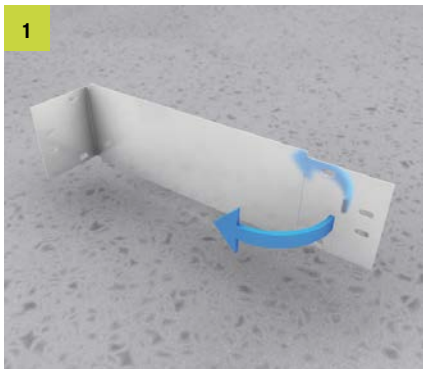
Knocking out knock-out slugs
Knock out the knock-out slugs of the floor duct with perforated side wall (BK) from the inside at the required spacing for equipotential bonding (BKPA) or the Z-duct (BKZ).



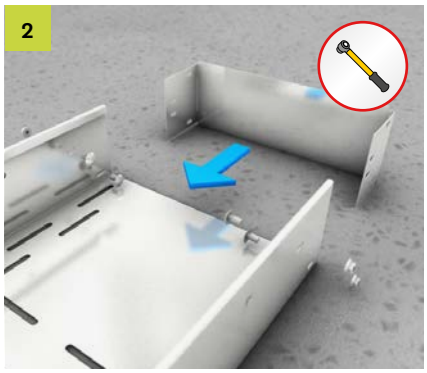
Equipotential bonding (BKPA)
Fasten the BKPA beneath the folded edge seam using the separate round-head hexagon socket screw (FRIK 6x12) and hook or screw the bonding conductor in place.



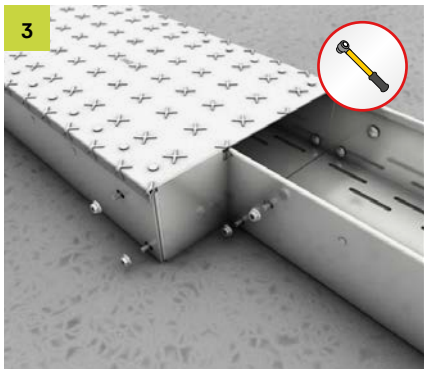
Z-duct (BKZ)
For routing additional cables directly along the side wall of the floor duct (BK), fasten the BKZ to the side walls via the knocked-out slugs using clamping screws (KLR).



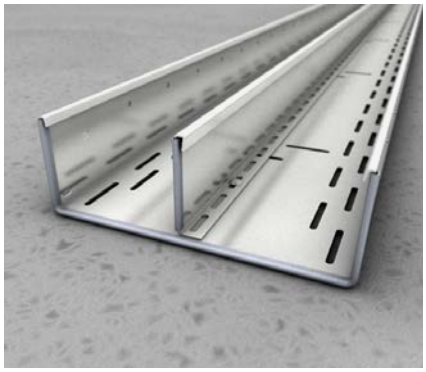
Floor duct end plate (BKEB)
Bend the sides of the perforated end plate by 90° in the required direction, depending on whether it is used as an end plate or as a reducer. The pre-bent cover support faces upwards and into the duct.



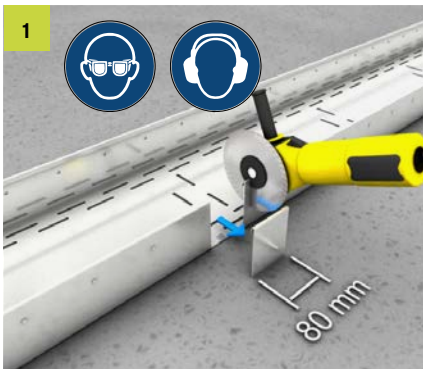
When used as an end plate, slide the BKEB into the floor duct and fasten via both connecting tabs with two clamping screws (KLR) per side rail. The use of non-slip tape (ARB) at duct ends is recommended.



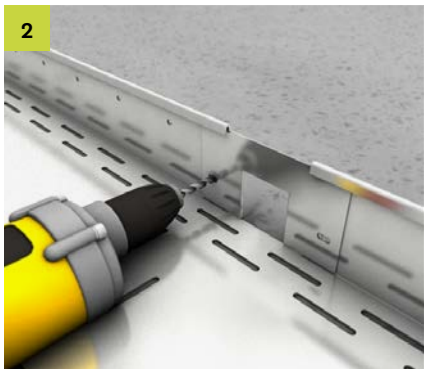
When used as a reducer, slide the BKEB into the floor ducts and fasten via both connecting tabs with two clamping screws (KLR) per side rail. The use of non-slip tape (ARB) at duct ends is recommended.



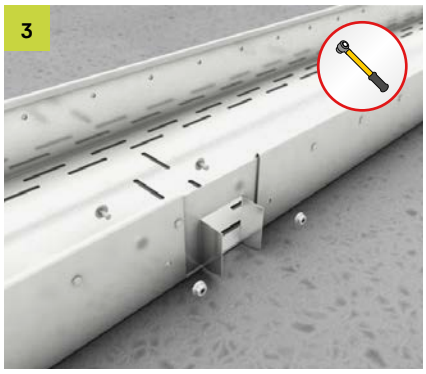
Edge protection strip (KSB)
Used as cable protection on exposed edges. Select the KSB suitable for the material thickness, cut to length and push onto the edge to be protected.



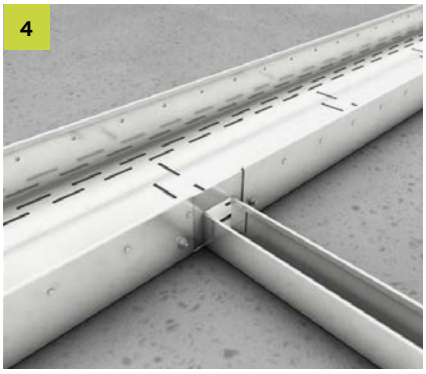
Reduction to small duct (BKRKK)
At the required position, mark, cut out, deburr and cold-galvanise the floor duct flush with the base over a width of 80 mm.



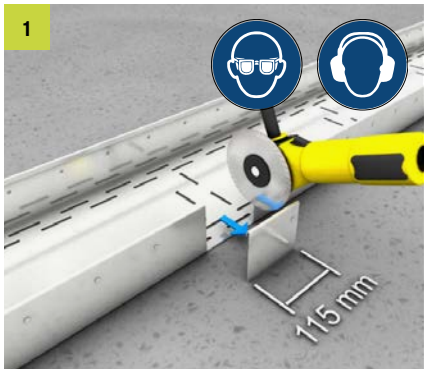
For fastening to the side rail, drill two holes with a diameter of 6.5 mm in the cut-out area.



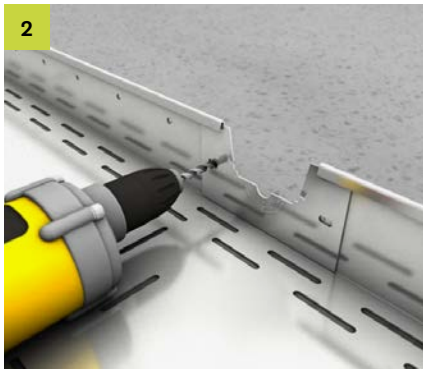
Fasten the BKRKK with one clamping screw (KLR) per side rail. It is recommended to install a piece of edge protection strip (KSB) in the cut-out as height compensation.



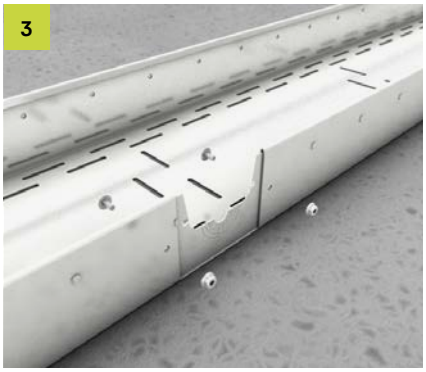
Slide the small duct onto the tabs of the reducer. If required, fasten the small duct to the reducer tabs using clamping screws (KLR).



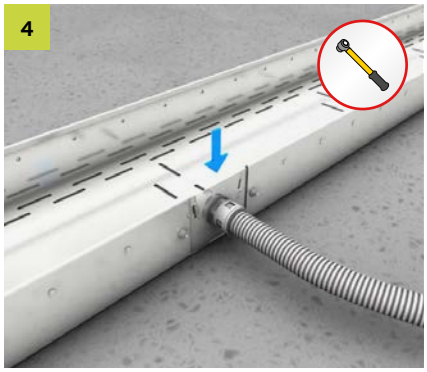
Reduction to cable protection hose (BKRKS)
At the required position, mark, cut out, deburr and cold-galvanise the floor duct flush with the base over a width of 115 mm.



For fastening to the side rail, drill two holes with a diameter of 6.5 mm in the cut-out area.



Fasten the lower segment of the reducer to the floor duct with one clamping screw (KLR) per side rail. Using pliers, break out the openings of the reducer to fit the cable protection hose.



Insert the cable protection hose with adapter. Insert the upper segment of the BKRKS until it snaps in place and fasten the cable protection hose adapter. It is recommended to install a piece of edge protection strip (KSB) in the cut-out as height compensation.

Index

Floor and small ducts

BK 100/110	Floor duct with base perforation and pre-punched knock-out slugs, height=100/110 mm
KLK 30/40/60	Small duct with cover, height = 30/40/60 mm
KLKR 30/60	Small duct with cover with twist locks, height = 30/60 mm

Shaped parts

BKA 100/110	Floor duct branch, height = 100/110 mm
BKAA 100/110	Floor duct attachment branch, height = 100/110 mm
BKB 100/110	Floor duct bend, height = 100/110 mm
BKB45 100/110	Floor duct bend 45°, height = 100/110 mm
BKBG 100/110	Floor duct bend with mitre cut, height = 100/110 mm
BKBR 100/110	Floor duct bend with radius, height = 100/110 mm
BKGL 100/110	Floor duct with mitre cut, left, height = 100/110 mm
BKGR 100/110	Floor duct with mitre cut, right, height = 100/110 mm
BKK 100/110	Floor duct intersection, height = 100/110 mm
BKRKK 100/110	Floor duct reducer to small duct, height = 95/105 mm
BKRKS 100/110	Floor duct reducer to protective hose, height = 95/105 mm
BKS 100/110	Floor duct rising/falling section, height = 100/110 mm
BKTE 100/110	Floor duct telescopic insert, height = 100/110 mm
BKVAA 100/110	Floor duct attachment branch, variable, height = 100/110 mm
BKVB 100/110	Floor duct bend, variable, height = 100/110 mm

Covers

BKAADR	Floor duct attachment branch cover with twist locks
BKAADR-RHP	Floor duct attachment branch cover with twist locks and anti-slip embossing
BKAADR-WZB	Floor duct attachment branch cover with twist locks made of aluminium diamond plate
BKADR	Floor duct branch cover with twist locks
BKADR-RHP	Floor duct branch cover with twist locks and anti-slip embossing
BKADR-WZB	Floor duct branch cover with twist locks made of aluminium diamond plate
BKB45DR	Floor duct bend 45° cover with twist locks
BKB45DR-RHP	Floor duct bend 45° cover with twist locks and anti-slip embossing
BKB45DR-WZB	Floor duct bend 45° cover with twist locks made from aluminium diamond plate
BKBDR	Floor duct bend cover with twist locks
BKBDR-RHP	Floor duct bend cover with twist locks and anti-slip embossing
BKBDR-WZB	Floor duct bend cover with twist locks and aluminium diamond plate
BKBGDR	Floor duct bend with mitre cut cover with twist locks
BKBGDR-RHP	Floor duct bend with mitre cut cover with twist locks and anti-slip embossing
BKBGDR-WZB	Floor duct bend with mitre cut cover with twist locks made from aluminium diamond plate
BKBRDR	Floor duct bend with radius cover with twist locks
BKBRDR-RHP	Floor duct bend with radius cover with twist locks and anti-slip embossing
BKBRDR-WZB	Floor duct bend with radius cover with twist locks made of aluminium diamond plate
BKD	Floor duct cover without fastening accessories
BKDR	Floor duct cover with twist locks
BKD-RHP	Floor duct cover with anti-slip embossing
BKDR-WZB AL	Floor duct cover made of aluminium diamond plate
BKGLDR	Floor duct with mitre cut cover with twist locks, left
BKGLDR-RHP	Floor duct with mitre cut cover with twist locks, left, with anti-slip embossing
BKGLDR-WZB	Floor duct with mitre cut cover with twist locks, left, made of aluminium diamond plate
BKGRDR	Floor duct with mitre cut cover with twist locks, right
BKGRDR-RHP	Floor duct with mitre cut cover with twist locks, right, with anti-slip embossing
BKGRDR-WZB	Floor duct with mitre cut cover with twist locks, right, made of aluminium diamond plate
BKKDR	Floor duct intersection cover with twist locks
BKKDR-RHP	Floor duct intersection cover with twist locks and anti-slip embossing
BKKDR-WZB	Floor duct intersection cover with twist locks made of aluminium diamond plate
BKSDR	Floor duct rising/falling section cover with twist locks
BKSDR-RHP	Floor duct rising/falling section cover with twist locks and anti-slip embossing
BKSDR-WZB	Floor duct rising/falling section cover with twist locks made of aluminium diamond plate
BKVAADR	Floor duct attachment branch cover with twist locks, variable
BKVAADR-RHP	Floor duct attachment branch cover with twist locks, variable and anti-slip embossing

BKVAADR-WZB	Floor duct attachment branch cover with twist locks, variable, made of aluminium diamond plate
BKVBDR	Floor duct bend cover with twist locks, variable
BKVBDR-RHP	Floor duct bend cover with twist locks, variable and anti-slip embossing
BKVBDR-WZB	Floor duct bend cover with twist locks, variable made from aluminium diamond plate

Supports, brackets and side panels

BKDS 100/110	Floor duct support profile, height = 100/110 mm
BKDU 100/110	Floor duct cover support, height = 100/110 mm
BKH	Floor duct holder, height = 110 mm
BKHC	Floor duct C bracket, height = 90 mm
BKHCSV	Floor duct side trim for BKHC
BKHR	Floor duct holder with back plate, height = 108 mm
BKHRSV	Floor duct side trim for BKHR
BKHRU	Floor duct holder support for BKHR
BKHZ 75/85	Floor duct holder Z-support, longitudinal, height = 75/85 mm
BKHZSV 75/85	Floor duct side trim for BKHZ
BKRT 100/110	Floor duct separating strip, height = 100/110 mm
BKRTV 100/110	Floor duct separating strip, variable, height = 100/110 mm
KHA 41	Profile rail 41x41 mm, perforated
KHZ 80/100/120	Floor duct holder Z-support, transverse, height = 80/100/120 mm

Fastening accessories

AMF 22	Channel nut with spring
AMK 22	Channel nut with plastic holder
BS 4.2x13/5.5x19	Self-drilling screw with drill point, drive: T20/T25
FKS 6x20	Slotted cylinder head screw, DIN EN ISO 1580
FRIK 6x12/6x25	Round-head hexagon socket screw
FRSS 6x12	Round-head bolt with square, DIN 603
KLR	Clamp fastening set (2x SEMS M6 + 2x FRSV 6x12)
SD 8/10/12	Expansion anchor
SEM 6/8	Hex nut, DIN 934
SEMS 6/8/10	Hex flange nut, DIN EN 1661
SEMSS 5/6/8/10	Hex nut, self-locking, DIN 985
SES 6x20	Hexagon head bolt, DIN 933
US 6x12	Washer, DIN 125

Accessories

ARB	Anti-slip tape made of EPDM
BKDH	Floor duct cover lifter
BKDHK	Floor duct cover clamp
BKD-S	Floor duct cover hinge
BKDSL	Floor duct cover protection strip
BKEB 100/110	Floor duct end and reduction plate, height = 100/110 mm
BKMT	Multitool for floor ducts
BKPA	Floor duct equipotential bonding terminal block
BKV 100/110	Floor duct connector, height = 95/105 mm
BKZ	Floor duct cable guide, separate
DR-BK	Floor duct twist lock
KLKV 30/40/60	Small duct connector, height = 30/40/60 mm
KSB	PVC edge protection strip
KZF	Cold zinc paint
KZS	Cold zinc spray
REB	Cable tray end plate
RGV 60	Cable tray side connector, height = 45 mm
STB	Step drill
TBK 20/25	Torx bit, conical, drive T20/T25

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