





Cable tray systems



Cable tray systems, walkable

	Cable tray BKRS	364
	Accessories BKRS	368



Cable tray BKRS, side height 100



Type	Width mm	Plate thickness mm	Length mm	Useful cross-section cm ²	Pack. m	Weight kg/100 m	Item No.
BKRS 1010 FS	100	2	3000	84	3	485,670	6062000
BKRS 1020 FS	200	2	3000	171	3	638,740	6062002
BKRS 1030 FS	300	2	3000	258	3	789,040	6062004
BKRS 1040 FS	400	2	3000	345	3	936,670	6062006
BKRS 1050 FS	500	2	3000	432	3	1.086,970	6062008
BKRS 1060 FS	600	2	3000	519	3	1.239,940	6062010

St Steel

FS Strip-galvanised

/m

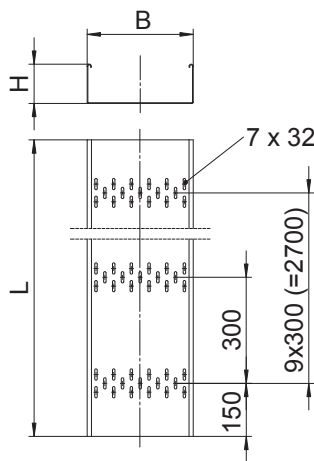
The cable tray has connector perforations on both sides.

Straight connectors should be ordered separately and in the appropriate quantity.

Heavy-duty, walkable cable tray system BKRS with base perforation, in 100 mm side height.

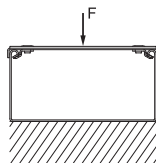
Magnetic shield insulation without cover 20 dB, with cover 50 dB.

Dimensions



Type	Plate thickness mm	Dimension B mm	Side height mm	Dimension L mm
BKRS 1010 FS	2	100	100	3000
BKRS 1020 FS	2	200	100	3000
BKRS 1030 FS	2	300	100	3000
BKRS 1040 FS	2	400	100	3000
BKRS 1050 FS	2	500	100	3000
BKRS 1060 FS	2	600	100	3000

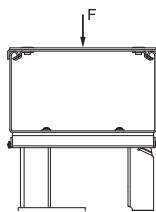
Installation



Floor mounting

Type	Support spacing in m	Approx. load in N
BKRS 1010	-	9000
BKRS 1020	-	9000
BKRS 1030	-	7000*
BKRS 1040	-	7000*
BKRS 1050	-	7000*
BKRS 1060	-	7000*

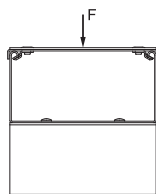
Testing based on DIN EN 50085-2-2



Installation on support bracket

Type	Support spacing in m	Approx. load in kN/m
BKRS 1010	1.2	4,9
BKRS 1020	1.2	4,6
BKRS 1030	1.2	4,2*
BKRS 1040	1.2	3,2*
BKRS 1050	1.2	2,9*
BKRS 1060	1.2	2,5*

Support element, type STE BKS FS, from 400 mm width



Installation on Z profile

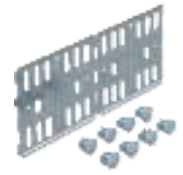
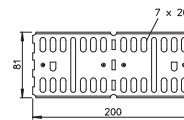
Type	Support spacing in m	Approx. load in kN/m
BKRS 1010	1.2	4,9
BKRS 1020	1.2	4,6
BKRS 1030	1.2	4,2*
BKRS 1040	1.2	3,2*
BKRS 1050	1.2	2,9*
BKRS 1060	1.2	2,5*

*In order to archive the maximum permitted load, Z-shaped barrier strips must be placed in cable trays B > 200 mm. The distance between the barrier strips must not exceed 200mm.

Straight and angle connector

Type	Side height mm	Pack. pcs	Weight kg/100 pcs.	Item No.
RLVL 85 FS	85	10	27,300	6067123

St Steel /pc.
FS Strip-galvanised



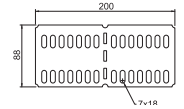
Including appropriate fastening material.

Straight and angle connector for cable trays and fittings with a side height of 85 mm.

Straight and angle connector

Type	Side height mm	Pack. pcs	Weight kg/100 pcs.	Item No.
RLVL 100 FS	100	10	23,200	6067870

St Steel /pc.
FS Strip-galvanised



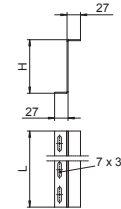
Including appropriate fastening material.

Straight and angle connector for cable trays and fittings with a side height of 100 mm.

Barrier strip, Z form, side height 100

Type	Side height mm	Length mm	Plate thickness mm	Pack. m	Weight kg/100 m	Item No.
TSG100Z BKRS FS	100	3000	2	3	218,670	6062390

St Steel /m
FS Strip-galvanised

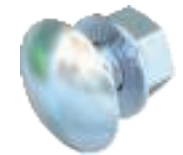
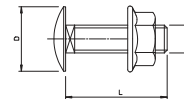


Barrier strip for the BKRS walkable cable tray system. Attachment with truss-head screws M6 x 12 in the base perforation.

Truss-head bolt with flange nut

Type	Dimension mm	Dim. L mm	Dim. d mm	Dim. D mm	Pack. pcs	Weight kg/100 pcs.	Item No.
FRSB 6X12 G	M 6 x 12	12	6	13.5	100	0,796	6406130

St Steel /100 pc.
G Electrogalvanised



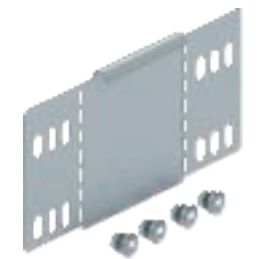
For universal fastening of construction components. Permitted use of the article only in dry atmospheres.

Hot galvanised truss-head bolt with square neck including electrogalvanised flange nut.

Reducer/stop-end

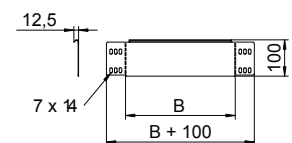
Type	Side height mm	Width mm	Pack. pcs	Weight kg/100 pcs.	Item No.
RWEB 1010 FS	100	100	1	13,600	7111802
RWEB 1020 FS	100	200	1	22,100	7111804
RWEB 1030 FS	100	300	1	30,600	7111806
RWEB 1040 FS	100	400	1	39,100	7111808
RWEB 1050 FS	100	500	1	47,600	7111810
RWEB 1060 FS	100	600	1	56,100	7111812

St Steel /pc.
FS Strip-galvanised



Including appropriate fastening material.

Reducer/stop-end for cable trays with side height 100 mm.



Cable tray BKRS, side height 110



Type	Width mm	Plate thickness mm	Length mm	Useful cross-section cm ²	Pack. m	Weight kg/100 m	Item No.
BKRS 1110 FS	100	2	3000	96	3	523,670	6061981
BKRS 1120 FS	200	2	3000	196	3	672,670	6061983
BKRS 1130 FS	300	2	3000	296	3	822,000	6061985
BKRS 1140 FS	400	2	3000	396	3	971,670	6061987
BKRS 1150 FS	500	2	3000	496	3	1.121,000	6061989
BKRS 1160 FS	600	2	3000	596	3	1.270,340	6061991

St Steel

FS Strip-galvanised

/m

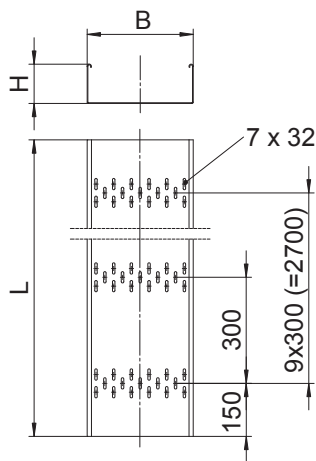
The cable tray has connector perforations on both sides.

Straight connectors should be ordered separately and in the appropriate quantity.

Heavy-duty, walkable cable tray system BKRS with base perforation, in 110 mm side height.

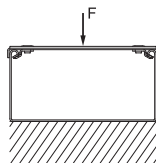
Magnetic shield insulation without cover 20 dB, with cover 50 dB.

Dimensions



Type	Plate thickness mm	Dimension B mm	Side height mm	Dimension L mm
BKRS 1110 FS	2	100	110	3000
BKRS 1120 FS	2	200	110	3000
BKRS 1130 FS	2	300	110	3000
BKRS 1140 FS	2	400	110	3000
BKRS 1150 FS	2	500	110	3000
BKRS 1160 FS	2	600	110	3000

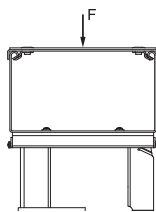
Installation



Floor mounting

Type	Support spacing in m	Approx. load in N
BKRS 1110	-	9000
BKRS 1120	-	9000
BKRS 1130	-	7000*
BKRS 1140	-	7000*
BKRS 1150	-	7000*
BKRS 1160	-	7000*

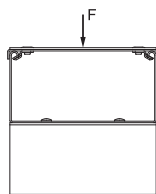
Testing based on DIN EN 50085-2-2



Installation on support bracket

Type	Support spacing in m	Approx. load in kN/m
BKRS 1110	1,2	4,9
BKRS 1120	1,2	4,6
BKRS 1130	1,2	4,2*
BKRS 1140	1,2	3,2*
BKRS 1150	1,2	2,9*
BKRS 1160	1,2	2,5*

Support element, type STE BKS FS, from 400 mm width



Installation on Z profile

Type	Support spacing in m	Approx. load in kN/m
BKRS 1110	1,2	4,9
BKRS 1120	1,2	4,6
BKRS 1130	1,2	4,2*
BKRS 1140	1,2	3,2*
BKRS 1150	1,2	2,9*
BKRS 1160	1,2	2,5*

*In order to archive the maximum permitted load, Z-shaped barrier strips must be placed in cable trays B > 200 mm. The distance between the barrier strips must not exceed 200mm.

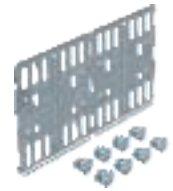
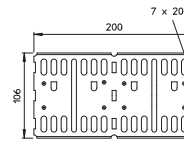
Straight and angle connector

Type	Side height mm	Pack. pcs	Weight kg/100 pcs.	Item No.
RLVL 110 FS	110	10	27,000	6067131

St Steel

FS Strip-galvanised

/pc.



Including appropriate fastening material.

Straight and angle connector for cable trays and fittings with a side height of 110 mm.

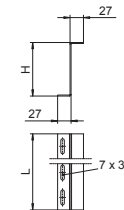
Barrier strip, Z form, side height 110

Type	Dim. L mm	Dimen-sion H mm	Pack. m	Weight kg/100 m	Item No.
TSG110Z BKRS FS	3000	109	3	240,670	6062391

St Steel

FS Strip-galvanised

/m



Barrier strip for the BKRS walkable cable tray system. Attachment with truss-head screws M6 x 12 in the base perforation.

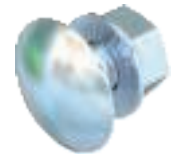
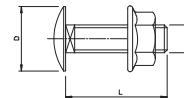
Truss-head bolt with flange nut

Type	Dimension mm	Dim. L mm	Dim. d mm	Dim. D mm	Pack. pcs	Weight kg/100 pcs.	Item No.
FRSB 6X12 G	M 6 x 12	12	6	13.5	100	0,796	6406130

St Steel

G Electrogalvanised

/100 pc.



For universal fastening of construction components. Permitted use of the article only in dry atmospheres.

Hot galvanised truss-head bolt with square neck including electrogalvanised flange nut.

Reducer/stop-end

Type	Side height mm	Width mm	Pack. pcs	Weight kg/100 pcs.	Item No.
RWEB 110 FS	110	100	1	16,400	7111096
RWEB 120 FS	110	200	1	29,000	7111207
RWEB 130 FS	110	300	1	40,700	7111304
RWEB 140 FS	110	400	1	52,900	7111428
RWEB 150 FS	110	500	1	64,800	7111509
RWEB 160 FS	110	600	1	71,000	7111740

St Steel

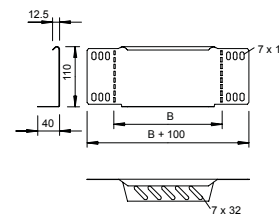
FS Strip-galvanised

/pc.

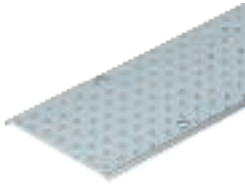


From a width of 150 mm, the perforated lower flange is provided. Including appropriate fastening material.

Reducer/stop-end for cable trays with side height 110 mm.



Cover with chequer plate and turn buckle, turn buckle spacing 500 mm



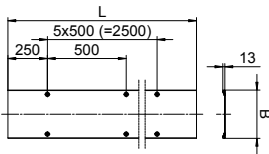
Type	Dimen- sion B mm	Dim. L mm	Plate thickness mm	Pack. m	Weight kg/100 m	Item No.
DF BKR10 FS AL	100	3000	6	3	272,330	6049181
DF BKR20 FS AL	200	3000	6	3	503,670	6049183
DF BKR30 FS AL	300	3000	6	3	735,000	6049185
DF BKR40 FS AL	400	3000	6	3	966,670	6049187
DF BKR50 FS AL	500	3000	6	3	1.197,670	6049189
DF BKR60 FS AL	600	3000	6	3	1.429,000	6049191

Alu/St. Aluminium/Steel

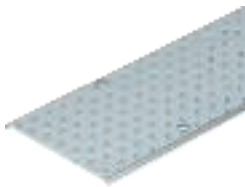
/m

Cable tray cover for the walkable cable BKRS cable tray system. The basic cover is strip galvanised in a material thickness of 2 mm with additional aluminium chequer riveted on in a thickness of 4 mm, sturdy and non-slip. Turn buckle fastening with a turn buckle distance of 500 mm.

When using covers outdoors, additional measures against the influence of wind must be taken. Cover clamps or turn buckles on their own are not sufficient securing elements against wind loads.



Cover with chequer plate and turn buckle, turn buckle spacing 1,000 mm



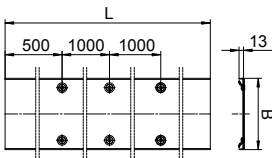
Type	Dimen- sion B mm	Dim. L mm	Plate thickness mm	Pack. m	Weight kg/100 m	Item No.
DF BKR10 10 FSAL	100	3000	6	3	274,570	6049200
DF BKR20 10 FSAL	200	3000	6	3	505,900	6049202
DF BKR30 10 FSAL	300	3000	6	3	737,240	6049204
DF BKR40 10 FSAL	400	3000	6	3	968,570	6049206
DF BKR50 10 FSAL	500	3000	6	3	1.199,900	6049208
DF BKR60 10 FSAL	600	3000	6	3	1.431,240	6049210

Alu/St. Aluminium/Steel

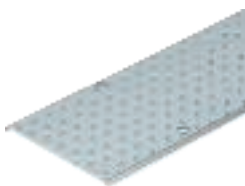
/m

Cable tray cover for the walkable cable BKRS cable tray system. The basic cover is strip galvanised in a material thickness of 2 mm with additional aluminium chequer riveted on in a thickness of 4 mm, sturdy and non-slip. Turn buckle fastening with a turn buckle distance of 1000 mm.

When using covers outdoors, additional measures against the influence of wind must be taken. Cover clamps or turn buckles on their own are not sufficient securing elements against wind loads.



Cover with chequer plate and turn buckle, turn buckle spacing 1,000 mm



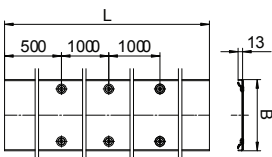
Type	Dimen- sion B mm	Dim. L mm	Plate thickness mm	Pack. m	Weight kg/100 m	Item No.
DF BKR1010 4FSAL	100	3000	4	3	243,000	6049110
DF BKR2010 4FSAL	200	3000	4	3	442,340	6049111
DF BKR3010 4FSAL	300	3000	4	3	642,000	6049112
DF BKR4010 4FSAL	400	3000	4	3	841,340	6049113
DF BKR5010 4FSAL	500	3000	4	3	1.041,000	6049114
DF BKR6010 4FSAL	600	3000	4	3	1.240,340	6049115

Alu/St. Aluminium/Steel

/m

Cable tray cover for the walkable cable BKRS cable tray system. The basic cover is strip galvanised in a material thickness of 2 mm with additional aluminium chequer riveted on in a thickness of 2 mm, sturdy and non-slip. Turn buckle fastening with a turn buckle distance of 1000 mm.

When using covers outdoors, additional measures against the influence of wind must be taken. Cover clamps or turn buckles on their own are not sufficient securing elements against wind loads.

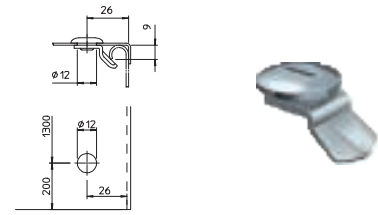


Turn buckle

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
DRL 311 FT	20	1,300	6065007

St Steel
FT Hot-dip galvanised

Single-sided turn buckle. Use for cover widths of 100 – 600 mm.
 Turn buckle for additional installation or installation at a later date.

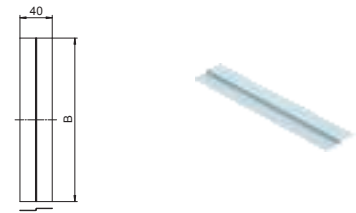


Dust protection element

Type	Dimension B mm	Pack. pcs	Weight kg/100 pcs.	Item No.
SSE BKR 100 FS	100	1	1,630	6049261
SSE BKR 200 FS	200	1	3,250	6049263
SSE BKR 300 FS	300	1	4,870	6049265
SSE BKR 400 FS	400	1	6,490	6049267
SSE BKR 500 FS	500	1	8,120	6049269
SSE BKR 600 FS	600	1	9,740	6049271

St Steel
FS Strip-galvanised

Dust protection element for the insertion between aluminium chequer plate and basic cover in BKRS walkable cable tray systems providing protection against dust, chips, etc.

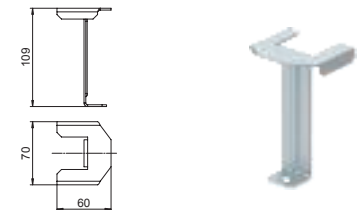


Cover support, side height 110

Type	Side height mm	Pack. pcs	Weight kg/100 pcs.	Item No.
DST110 BKRS FS	109	10	10,800	6049256

St Steel
FS Strip-galvanised

Cover support for the walkable BKRS cable tray system, for additional support of covers and fitting covers at a side height of 110 mm.

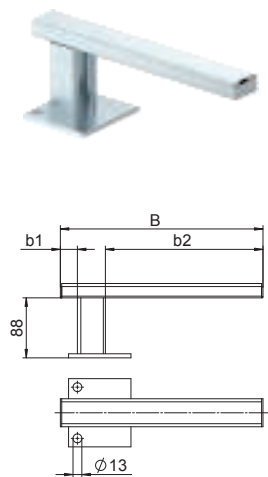


Stand-off bracket

Type	Dimension B mm	Dimension b1 mm	Dimension b2 mm	Pack. pcs	Weight kg/100 pcs.	Item No.
STA BKS10 FT	97	13	43	1	69,500	6044561
STA BKS20 FT	197	13	143	1	84,900	6044563
STA BKS30 FT	297	25	231	1	100,300	6044565
STA BKS40 FT	397	25	331	1	115,600	6044567
STA BKS50 FT	497	125	331	1	131,000	6044569
STA BKS60 FT	597	225	331	1	146,400	6044571

St Steel
FT Hot-dip galvanised

Stand-off bracket for holding up the BKRS cable tray system from the floor.

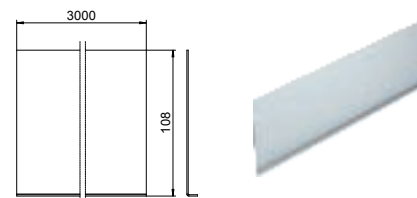


Protective panel

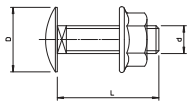
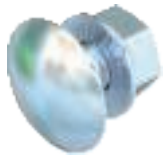
Type	Length mm	Height mm	Thickness mm	Pack. m	Weight kg/100 m	Item No.
SB BKS FS	3000	108	1	3	91,670	6049252

St Steel
FS Strip-galvanised

Collision guard, to be attached at the side as a collision guard for the walkable BKRS cable tray system. The side height is 108 mm.



Truss-head bolt



Type	Dimension mm	Dim.	Dim.	Dim.	Pack. pcs	Weight kg/100 pcs.	Item No.
		L	d	D			
FRSB 6X12 G	M 6 x 12	12	6	13.5	100	0,796	6406130

St Steel

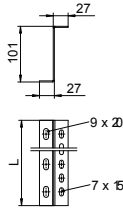
G Electrogalvanised

/100 pc.

For universal fastening of construction components. Permitted use of the article only in dry atmospheres.

Hot galvanised truss-head bolt with square neck including electrogalvanised flange nut.

Support profile, side height 100



Type	Dim. L mm	Plate thickness mm	Pack. pcs	Weight kg/100 pcs.	Item No.
STP Z 1020 FS	200	2	1	44,800	6044583
STP Z 1030 FS	300	2	1	67,200	6044585
STP Z 1040 FS	400	2	1	89,500	6044587
STP Z 1050 FS	500	2	1	111,800	6044589
STP Z 1060 FS	600	2	1	134,200	6044591
STP Z 10300 FS	3000	2	3	670,200	6044596

St Steel

FS Strip-galvanised

/m /pc.

Support profile for holding up the walkable cable tray system BKRS from the floor. Installation must be performed on both sides of the Z profile during the process of securing the system so that it is held up.

Anti-slip strip



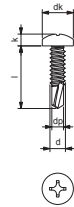
Type	Pack. m	Weight kg/100 m	Item No.
ARS BKR	11	10,070	6049259

GUM Rubber

/m

Self-adhesive, anti-slip strip to stick onto the Z barrier strip in walkable cable trays, for securing laid-on but not yet attached covers.

Drilling screw



Type	Dimension mm	Pack. pcs	Weight kg/100 pcs.	Item No.

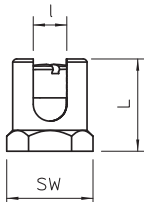
St Steel

G Electrogalvanised

/100 pc.

Drilling screw according to DIN 7504.

Earthing terminal



Type	Cross-section mm ²	SW mm	Thread	Accessories	Pack. pcs	Weight kg/100 pcs.	Item No.
EKL 35 M6	35	21	M6	—	50	4,800	6404014

CuZn Brass

/100 pc.

Earthing screw for fastening the equipotential bonding wire to the cable support system.

Equipotential bonding rail for small systems

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
1809 BG	1	9,000	5015502

CuZn Brass

/pc.

- Cover hood made of polystyrene, grey
- Base plate made of strip galvanised steel
- Contact strip and screws made of nickel-plated brass

Connection options:

- 3 x multi-core cables to 6 mm²
- 2 x multi-core cables to 16 mm²

