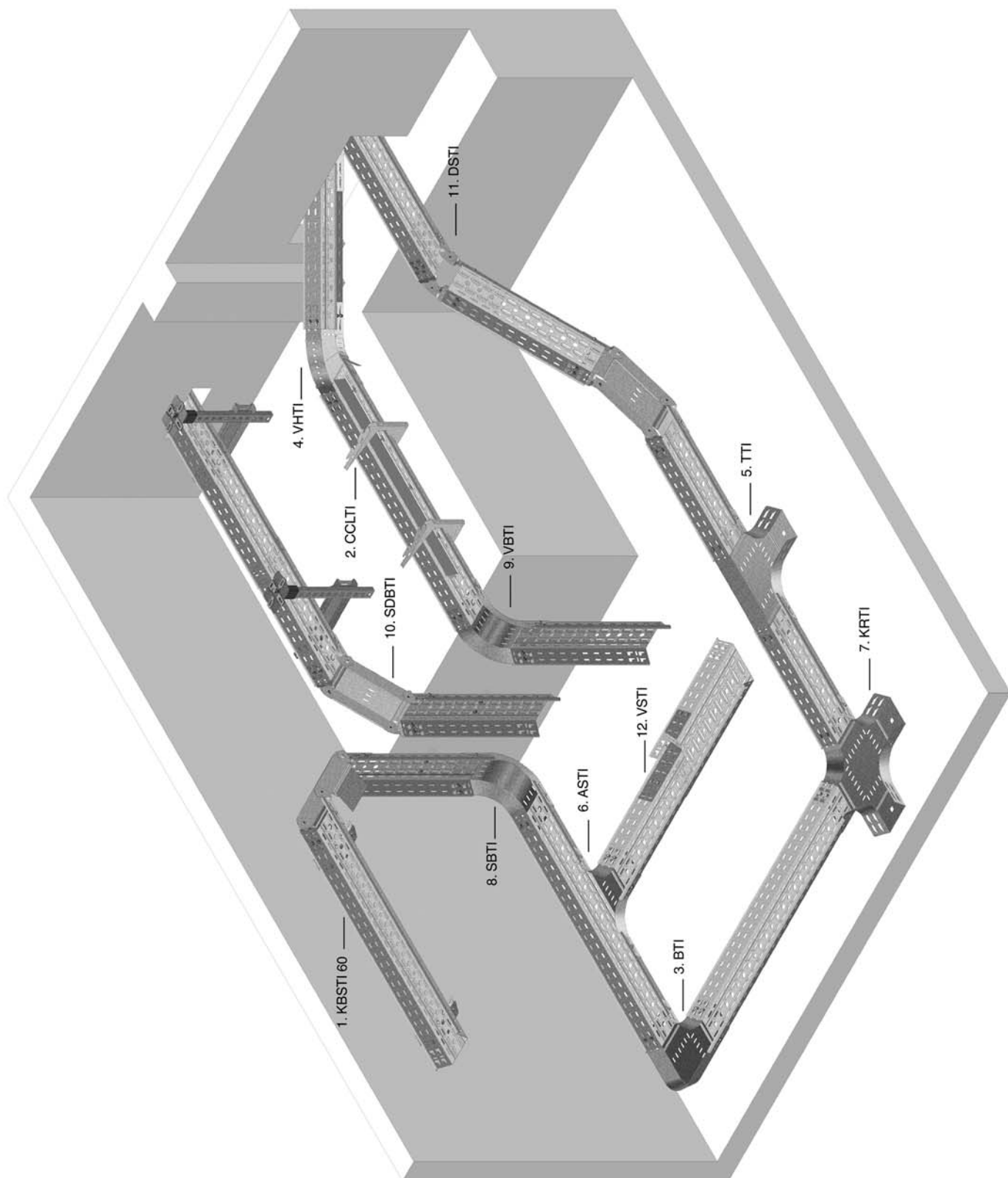


CABLE TRAYS

KBSTI



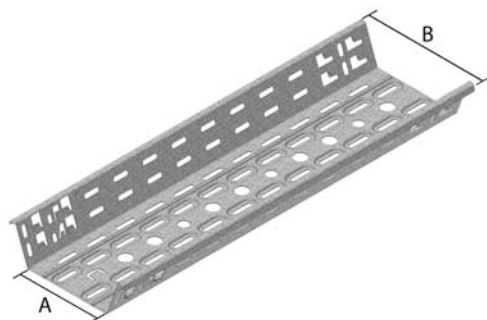


Survey of the system

	Description	Reference	Pag.
1	Cable tray snap-in	KBSTI 60	1-8
2	Bracket KBSTI for wall and ceiling	CCLTI	1-10
3	Horizontal bend 90° KBSTI	BTI	1-11
4	Adjustable Corner KBSTI	VHTI	1-12
5	Horizontal T-piece KBSTI	TTI	1-13
6	Horizontal adapter 90° KBSTI	ASTI	1-14
7	Cross-over KBSTI	KRTI	1-15
8	Rising elbow 90° KBSTI	SBTI	1-16
9	Low elbow 90° KBSTI	VBTI	1-17
10	Hinged joint double KBSTI	SDBTI	1-18
11	Hinged joint KBSTI	DSTI	1-18
12	Reducing plate KBSTI	VSTI	1-19

KBSTI 60

Cable tray snap-in



Taper-shape
Optimally stackable
Snap-in
Random overlap

A	85	135	185	235	335
B	151	201	251	301	401

On Demand	Gauge 1,25 mm
On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/m	Packaging	Stock	Unit			
HD	-	KBSTI 60*150*0.60	60	150	0,60	3000	1,166	30	✓	m			
HD	-	KBSTI 60*150*0.75	60	150	0,75	3000	1,540	30	✓	m			
-	-	KBSTI 60*150*1.00	60	150	1,00	3000	1,960	30	✓	m			
HD	-	KBSTI 60*200*0.60	60	200	0,60	3000	1,409	30	✓	m			
HD	-	KBSTI 60*200*0.75	60	200	0,75	3000	1,760	30	✓	m			
-	-	KBSTI 60*200*1.00	60	200	1,00	3000	2,349	30	✓	m			
HD	-	KBSTI 60*250*0.60	60	250	0,60	3000	1,652	30	✓	m			
HD	-	KBSTI 60*250*0.75	60	250	0,75	3000	2,066	30	✓	m			
-	-	KBSTI 60*250*1.00	60	250	1,00	3000	2,754	30	✓	m			
HD	-	KBSTI 60*300*0.75	60	300	0,75	3000	2,369	30	✓	m			
-	-	KBSTI 60*300*1.00	60	300	1,00	3000	3,159	30	✓	m			
HD	-	KBSTI 60*400*0.75	60	400	0,75	3000	2,390	30	✓	m			
-	-	KBSTI 60*400*1.00	60	400	1,00	3000	3,969	30	✓	m			

More technical specifications for this product can be found at the end of this chapter.

CHARACTERISTICS

The patented and clickable KBSTI cable tray system is designed to be stronger, optimally stackable and transportable, quick to install, with random overlap and exceedingly safe.

Embedded perforations for :

- extra load capacity
- better aeration
- better stability
- better condensation drainage

Alternative perforations for :

- better fixation on the supports
- very useful for cable fixation.

Earthing. Certificate on electrical continuity is available.

TECHNICAL INFORMATION

The perforation scheme differs according to the width.

The surface of the interlocking end is rounded in order to protect the cables.

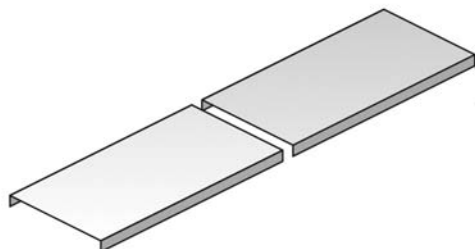
Provide for an opening for the fitting of a gland, a round hole with

- Ø 16 mm for PG 11
- Ø 19,5 mm for PG 13,5

Accessories

D

Universal cover



Especially used for horizontal en vertical sections.
Cover with board height 10 mm.

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/m	Packaging	Stock	Unit			
HD	-	D 150	-	150	-	2000	1,170	10	✓	m			
HD	-	D 200	-	200	-	2000	1,420	10	✓	m			
HD	-	D 250	-	250	-	2000	1,850	10	✓	m			
HD	-	D 300	-	300	-	2000	2,100	10	✓	m			
HD	-	D 400	-	400	-	2000	4,150	10	✓	m			

To fix with:

-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			
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DCLTI

Lid clamp clips KBSTI



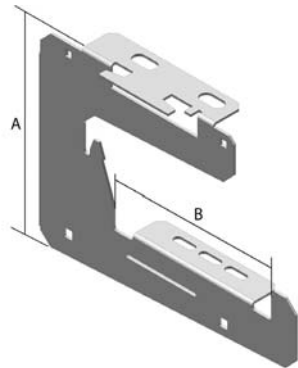
Standard finish	Stainless Steel
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1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			

More technical specifications for this product can be found at the end of this chapter.

CCLTI

Bracket KBSTI for wall and ceiling



Ideal for installations in low ceiling.
Also applicable for KBSI, KBS, KGI, KG.

Width	Max. load (daN) (wall)	Max. load (daN) (ceiling)	A	B
150	107	63	179	103
200	80	47	181	153
250	150	110	184	203
300	133	83	190	253
400	100	62	188	353

On Demand Powder coating / Duplex System

Standard finish Pre-galvanised

Optional finish 1 Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	CCLTI 150	-	150	-	-	0,457	1	✓	piece			
HD	-	CCLTI 200	-	200	-	-	0,507	1	✓	piece			
HD	-	CCLTI 250	-	250	-	-	0,781	1	✓	piece			
HD	-	CCLTI 300	-	300	-	-	1,105	1	✓	piece			
HD	-	CCLTI 400	-	400	-	-	1,395	1	✓	piece			

More technical specifications for this product can be found at the end of this chapter.

Multiple brackets can be mounted one below another.

Accessories

BTI

Horizontal bend 90° KBSTI



Width	150	200	250	300	400
A	84	134	184	234	334
B	130	180	230	280	380

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	BTI 90*60*150	60	150	-	-	0,632	1	✓	piece			
HD	-	BTI 90*60*200	60	200	-	-	0,880	1	✓	piece			
HD	-	BTI 90*60*250	60	250	-	-	1,154	1	✓	piece			
HD	-	BTI 90*60*300	60	300	-	-	1,460	1	✓	piece			
HD	-	BTI 90*60*400	60	400	-	-	2,178	1	✓	piece			

More technical specifications for this product can be found at the end of this chapter.

DBTI

Cover for horizontal bend 90° KBSTI



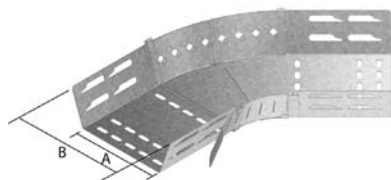
On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DBTI 90*150	-	150	-	-	0,320	1	✓	piece			
HD	-	DBTI 90*200	-	200	-	-	0,460	1	✓	piece			
HD	-	DBTI 90*250	-	250	-	-	0,620	1	✓	piece			
HD	-	DBTI 90*300	-	300	-	-	0,798	1	✓	piece			
HD	-	DBTI 90*400	-	400	-	-	1,220	1	✓	piece			

To fix with:													
-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			

VHTI

Adjustable Corner KBSTI



Width	150	200	250	300	400
A	86	136	186	236	336
B	129	179	229	279	379

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	VHTI 60*150	60	150	-	-	0,558	1	✓	piece			
HD	-	VHTI 60*200	60	200	-	-	0,761	1	✓	piece			
HD	-	VHTI 60*250	60	250	-	-	0,986	1	✓	piece			
HD	-	VHTI 60*300	60	300	-	-	1,235	1	✓	piece			
HD	-	VHTI 60*400	60	400	-	-	1,773	1	✓	piece			

More technical specifications for this product can be found at the end of this chapter.

DVHTI

Cover VHTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DVHTI 150	-	150	-	-	0,315	1	✓	piece			
HD	-	DVHTI 200	-	200	-	-	0,446	1	✓	piece			
HD	-	DVHTI 250	-	250	-	-	0,589	1	✓	piece			
HD	-	DVHTI 300	-	300	-	-	0,752	1	✓	piece			
HD	-	DVHTI 400	-	400	-	-	1,100	1	✓	piece			

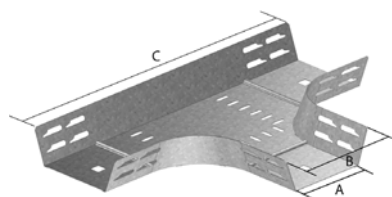
To fix with:

-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			
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Accessories

TTI

Horizontal T-piece KBSTI



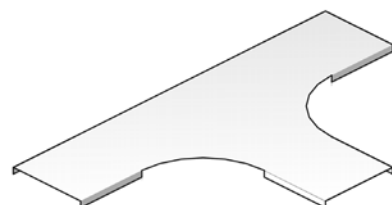
Width	150	200	250	300	400
A	84	134	184	234	334
B	130	180	230	280	380
C	507	557	607	657	757

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	TTI 60*150	60	150	-	-	0,878	1	✓	piece			
HD	-	TTI 60*200	60	200	-	-	1,168	1	✓	piece			
HD	-	TTI 60*250	60	250	-	-	1,484	1	✓	piece			
HD	-	TTI 60*300	60	300	-	-	1,834	1	✓	piece			
HD	-	TTI 60*400	60	400	-	-	2,624	1	✓	piece			

DT

Cover for horizontal T-piece



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DT 150	-	150	-	-	0,910	1	✓	piece			
HD	-	DT 200	-	200	-	-	1,270	1	✓	piece			
HD	-	DT 250	-	250	-	-	1,780	1	✓	piece			
HD	-	DT 300	-	300	-	-	2,160	1	✓	piece			
HD	-	DT 400	-	400	-	-	2,950	1	✓	piece			

To fix with:

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			

ASTI

Horizontal adapter 90° KBSTI



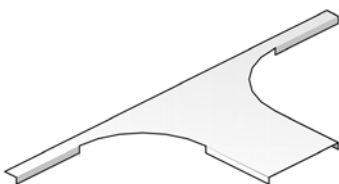
Width	150	200	250	300	400
A	84	134	184	234	334
B	130	180	230	280	380

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	ASTI 60*150	60	150	-	-	0,448	1	✓	piece			
HD	-	ASTI 60*200	60	200	-	-	0,513	1	✓	piece			
HD	-	ASTI 60*250	60	250	-	-	0,583	1	✓	piece			
HD	-	ASTI 60*300	60	300	-	-	0,650	1	✓	piece			
HD	-	ASTI 60*400	60	400	-	-	0,794	1	✓	piece			

DAS

Cover for horizontal adapter 90°



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DAS 150	-	150	-	-	0,360	1	✓	piece			
HD	-	DAS 200	-	200	-	-	0,400	1	✓	piece			
HD	-	DAS 250	-	250	-	-	0,550	1	✓	piece			
HD	-	DAS 300	-	300	-	-	0,680	1	✓	piece			
HD	-	DAS 400	-	400	-	-	0,750	1	✓	piece			

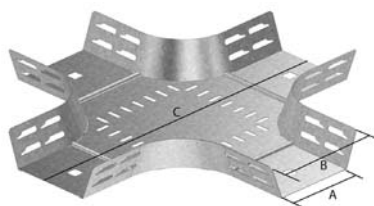
To fix with:

-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			
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Accessories

KRTI

Cross-over KBSTI



Width	150	200	250	300	400
A	84	134	184	234	334
B	130	180	230	280	380
C	506	556	606	656	756

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	KRTI 60*150	60	150	-	-	1,080	1	✓	piece			
HD	-	KRTI 60*200	60	200	-	-	1,410	1	✓	piece			
HD	-	KRTI 60*250	60	250	-	-	1,775	1	✓	piece			
HD	-	KRTI 60*300	60	300	-	-	2,160	1	✓	piece			
HD	-	KRTI 60*400	60	400	-	-	3,040	1	✓	piece			

DKR

Cover for cross-over



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DKR 150	-	150	-	-	1,160	1	✓	piece			
HD	-	DKR 200	-	200	-	-	1,590	1	✓	piece			
HD	-	DKR 250	-	250	-	-	2,020	1	✓	piece			
HD	-	DKR 300	-	300	-	-	2,480	1	✓	piece			
HD	-	DKR 400	-	400	-	-	5,000	1	✓	piece			

To fix with:

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			

SBTI

Rising elbow 90° KBSTI



Width	150	200	250	300	400
A	85	135	185	235	335
B	131	181	231	281	381

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	SBTI 90°60°150	60	150	-	-	0,575	1	✓	piece			
HD	-	SBTI 90°60°200	60	200	-	-	0,713	1	✓	piece			
HD	-	SBTI 90°60°250	60	250	-	-	0,855	1	✓	piece			
HD	-	SBTI 90°60°300	60	300	-	-	0,993	1	✓	piece			
HD	-	SBTI 90°60°400	60	400	-	-	1,274	1	✓	piece			

DSBTI

Cover for rising elbow 90° KBSTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DSBTI 90°150	-	150	-	-	0,222	1	✓	piece			
HD	-	DSBTI 90°200	-	200	-	-	0,293	1	✓	piece			
HD	-	DSBTI 90°250	-	250	-	-	0,356	1	✓	piece			
HD	-	DSBTI 90°300	-	300	-	-	0,425	1	✓	piece			
HD	-	DSBTI 90°400	-	400	-	-	0,560	1	✓	piece			

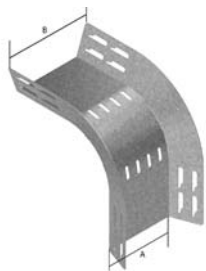
To fix with:

-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			
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Accessories

VBTI

Low elbow 90° KBSTI



Width	150	200	250	300	400
A	84	134	184	234	334
B	130	180	230	280	380

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	VBTI 90°60°150	60	150	-	-	0,531	1	✓	piece			
HD	-	VBTI 90°60°200	60	200	-	-	0,648	1	✓	piece			
HD	-	VBTI 90°60°250	60	250	-	-	0,765	1	✓	piece			
HD	-	VBTI 90°60°300	60	300	-	-	0,878	1	✓	piece			
HD	-	VBTI 90°60°400	60	400	-	-	1,107	1	✓	piece			

DVBTI

Cover for low elbow 90° KBSTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DVBTI 90°60°150	60	150	-	-	0,279	1	✓	piece			
HD	-	DVBTI 90°60°200	60	200	-	-	0,365	1	✓	piece			
HD	-	DVBTI 90°60°250	60	250	-	-	0,448	1	✓	piece			
HD	-	DVBTI 90°60°300	60	300	-	-	0,533	1	✓	piece			
HD	-	DVBTI 90°60°400	60	400	-	-	0,708	1	✓	piece			

To fix with:

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	DCLTI	-	-	-	-	0,004	100	✓	piece			

SDBTI

Hinged joint double KBSTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	SDBTI 60*150	60	150	-	-	0,866	1	-	piece			
HD	-	SDBTI 60*200	60	200	-	-	1,011	1	-	piece			
HD	-	SDBTI 60*250	60	250	-	-	1,157	1	-	piece			
HD	-	SDBTI 60*300	60	300	-	-	1,245	1	-	piece			
HD	-	SDBTI 60*400	60	400	-	-	1,600	1	-	piece			

More technical specifications for this product can be found at the end of this chapter.

DSTI

Hinged joint KBSTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	DSTI 60	60	-	-	-	0,130	50	✓	piece			

AZHTI

Universal coupling 90° KBSTI



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	AZHTI 60	60	-	-	-	0,190	1	✓	piece			

VSTI

Reducing plate KBSTI

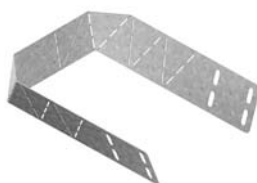


On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	VSTI 60	60	-	-	-	0,136	1	✓	piece			

ETI

End piece KBSTI



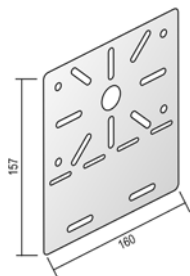
Flat banded

On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	ETI 60	60	-	-	-	0,120	1	✓	piece			

MPV

Flat mounting plate



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
HD	-	MPV	-	-	-	-	0,200	50	✓	piece			

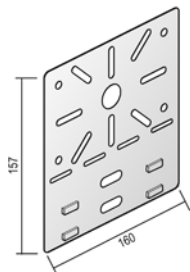
To fix with:

HD	-	VM 6*10	-	-	M6	10	0,010	250	✓	piece			
-	-	KBV	-	-	-	-	0,010	96	✓	piece			
HD	-	VMK 6*10	-	-	M6	-	0,010	250	✓	piece			

For the fixation of contact and distribution boxes.
Number bolts and nuts VM 6*10: 2 pieces.

MPVCL

Mounting plate clips



Standard finish	Pre-galvanised
-----------------	----------------

1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	MPVCL	-	-	-	-	0,180	50	✓	piece			

To fix with:

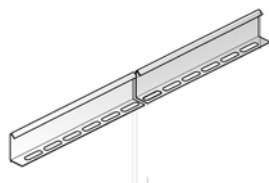
-	-	KBV	-	-	-	-	0,010	96	✓	piece			
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For the fixation of contact and distribution boxes.

Accessories

SLOS

Division plate free



On Demand	Powder coating / Duplex System
Standard finish	Pre-galvanised
Optional finish 1	Hot-dip galvanised

1		Reference	Height	Width	Thickness	Length	kg/m	Packaging	Stock	Unit			
HD	-	SLOS 60	60	-	-	3000	0,510	120	✓	m			

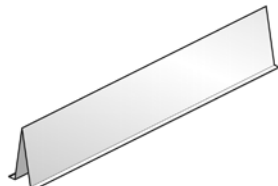
To fix with:

HD	-	VM 6*10	-	-	M6	10	0,010	250	✓	piece			
HD	-	VMK 6*10	-	-	M6	-	0,010	250	✓	piece			

Fixation set VM 6*10: 1 per meter.

SLIS

Clip-in partition



Standard finish	Pre-galvanised
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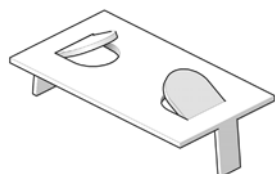
1		Reference	Height	Width	Thickness	Length	kg/m	Packaging	Stock	Unit			
-	-	SLIS 60	60	-	-	3000	0,440	3	✓	m			

Fixation set clips CL : 4 pieces per length.

Separation SLIS can be used on any width from 200 mm.

CL

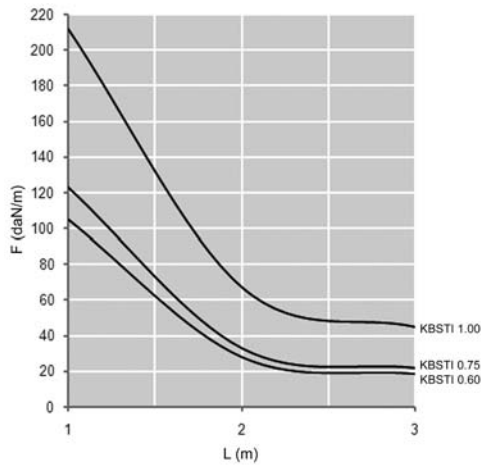
Clips for clip-in partition



		Standard finish							Pre-galvanised				
1		Reference	Height	Width	Thickness	Length	kg/piece	Packaging	Stock	Unit			
-	-	CL	-	-	-	-	0,005	100	✓	piece			

4 pieces per length

KBSTI 60



LOAD DIAGRAM

Graph valid for KBSTI 60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3 test type III with connection to 1/5 of the span.

F = max. admissible load (daN/m)

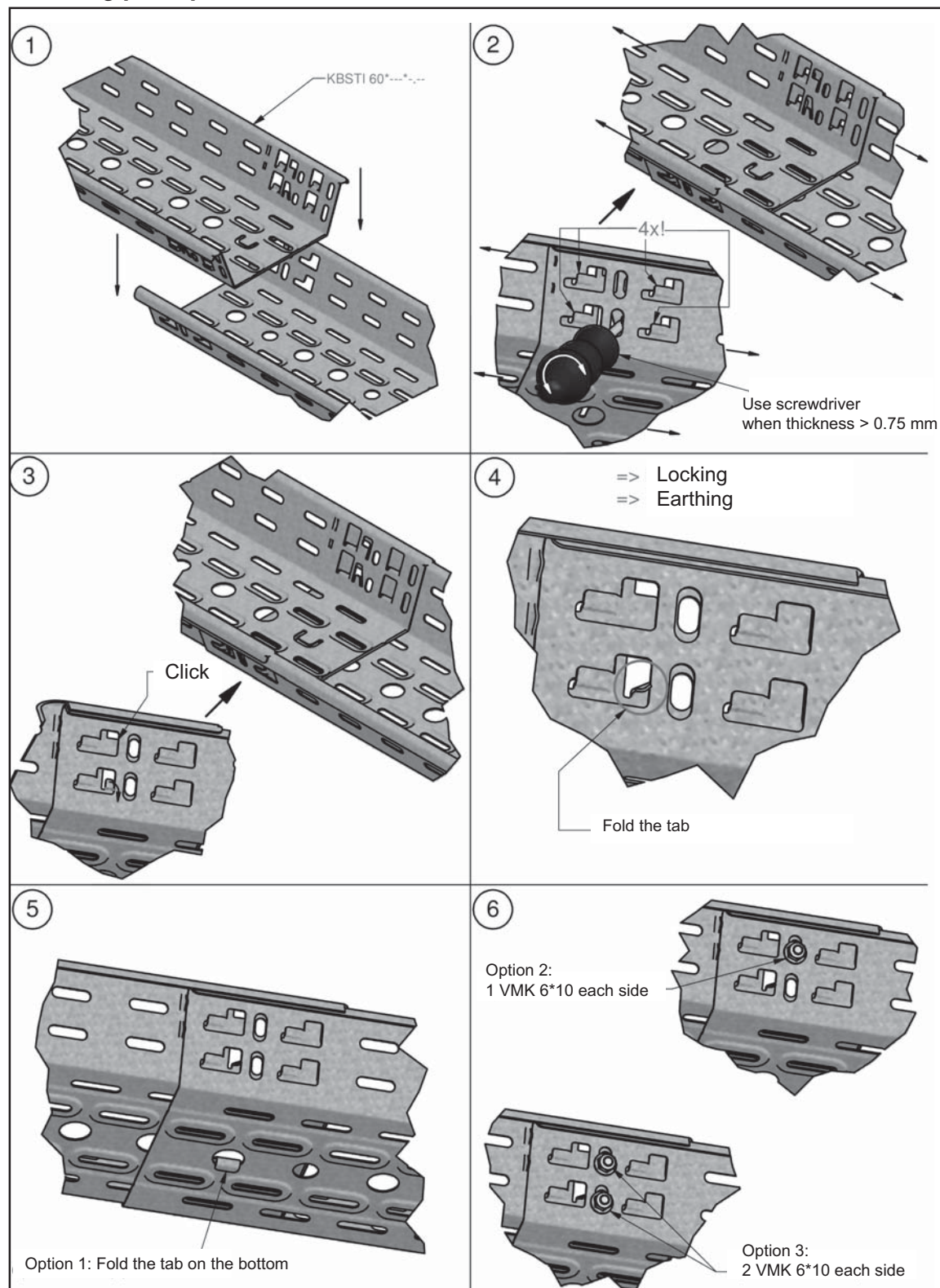
L = support distance (m)

Max. deflection (m) = $L/100$

For higher load capacity of the KBSTI 60, please consult our sales team.

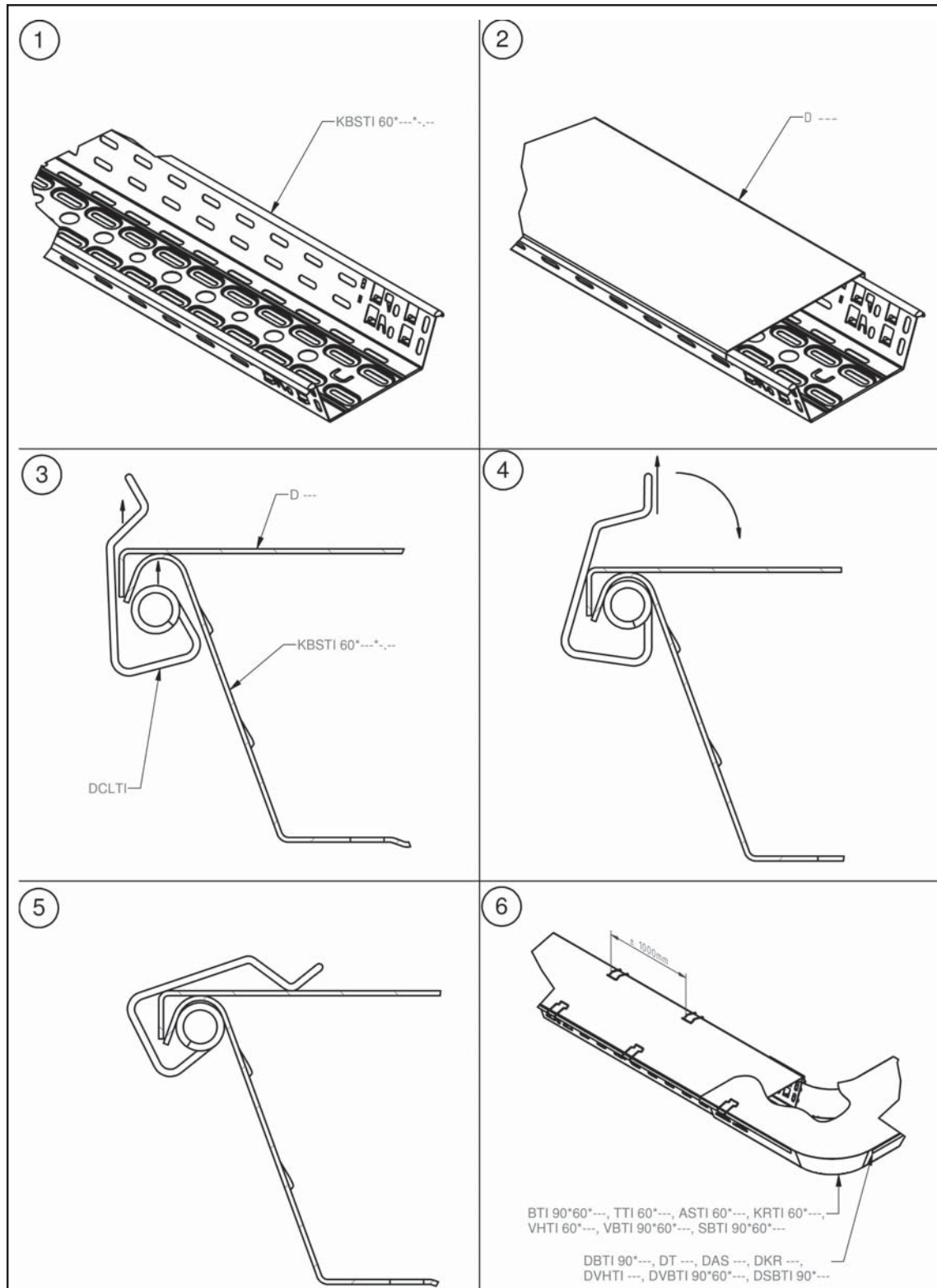
KBSTI 60

Mounting principle



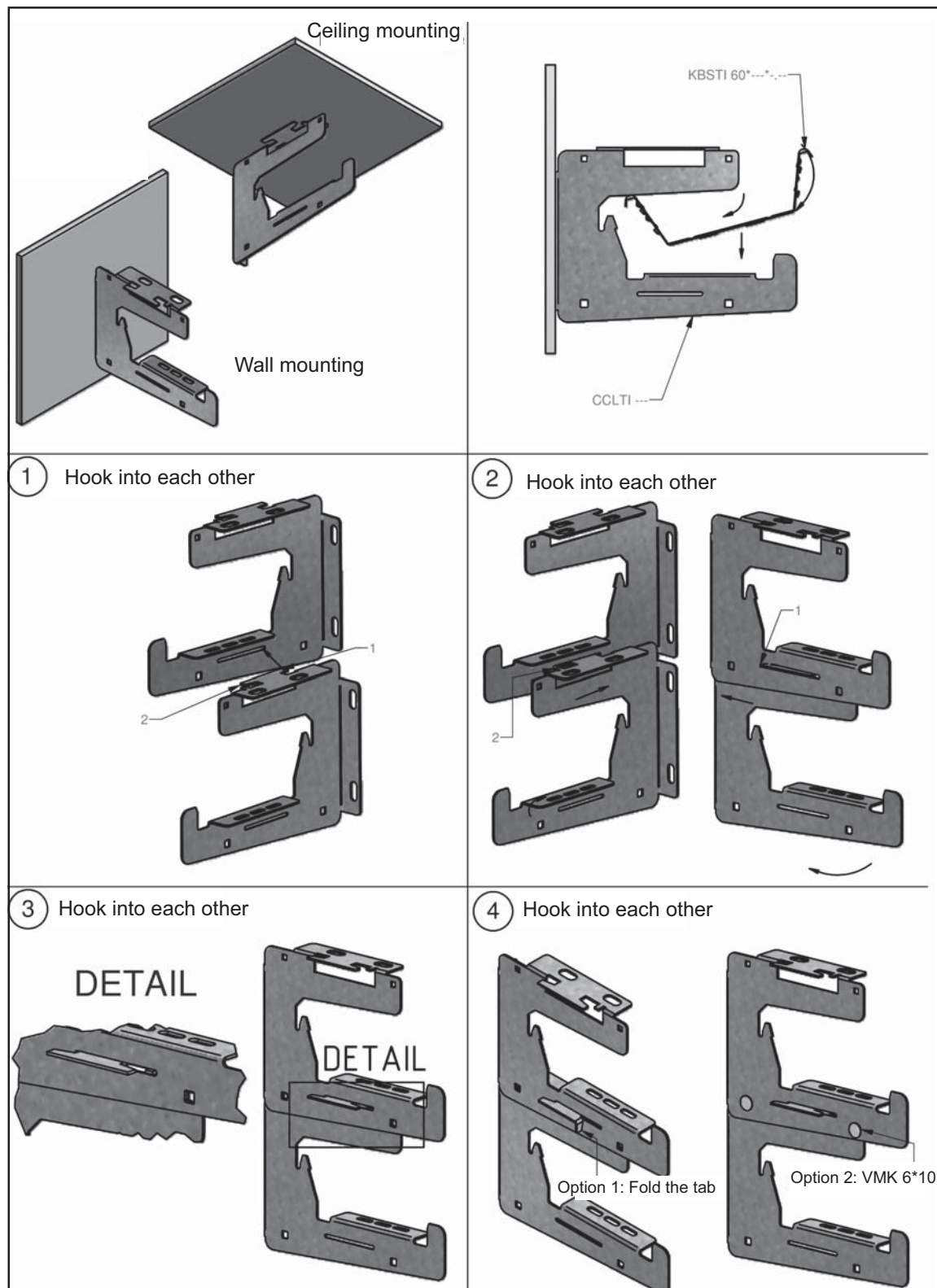
DCLTI

Mounting principle



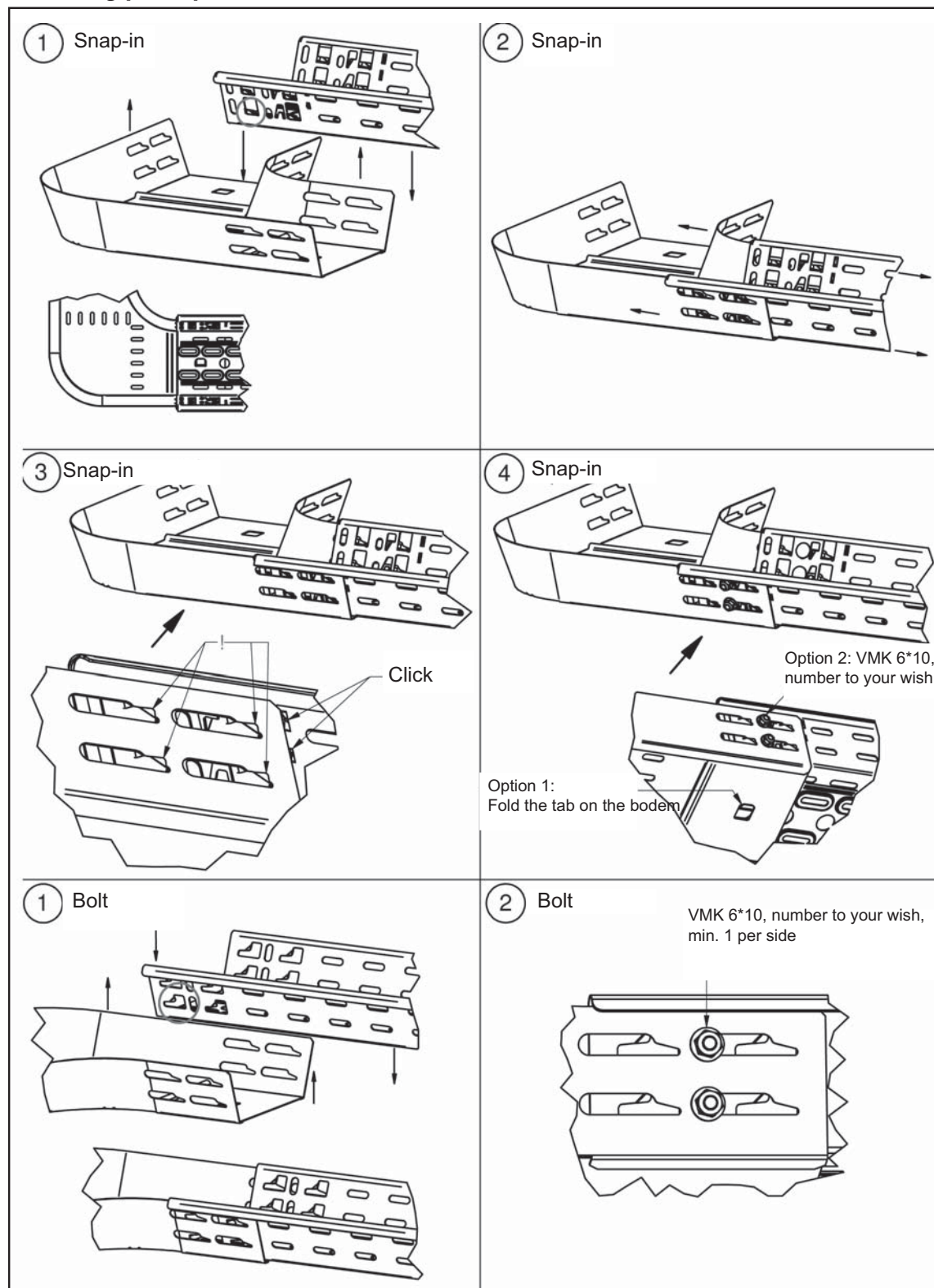
CCLTI

Mounting principle



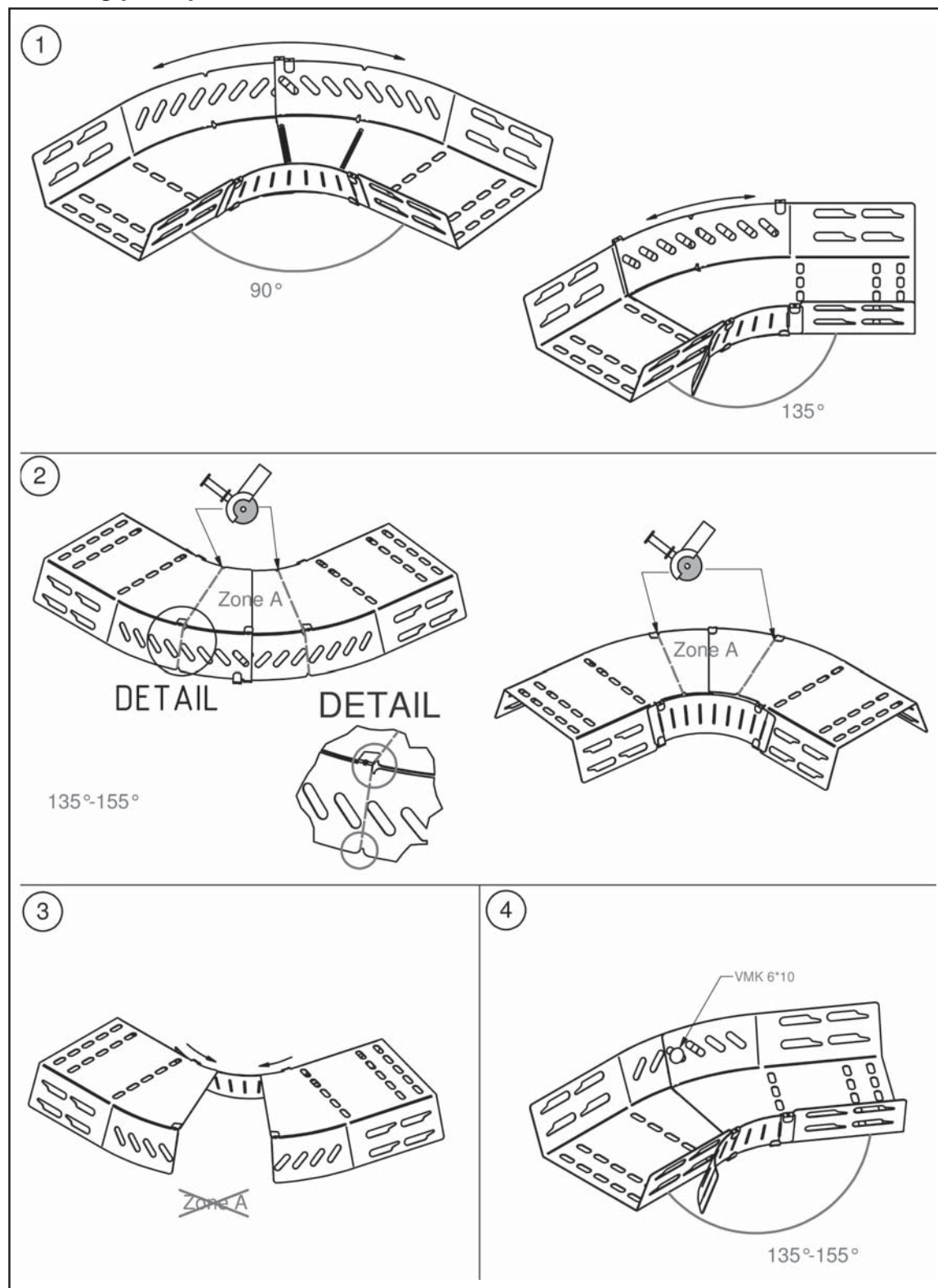
BTI

Mounting principle



VHTI

Mounting principle



SDBTI

Mounting principle

