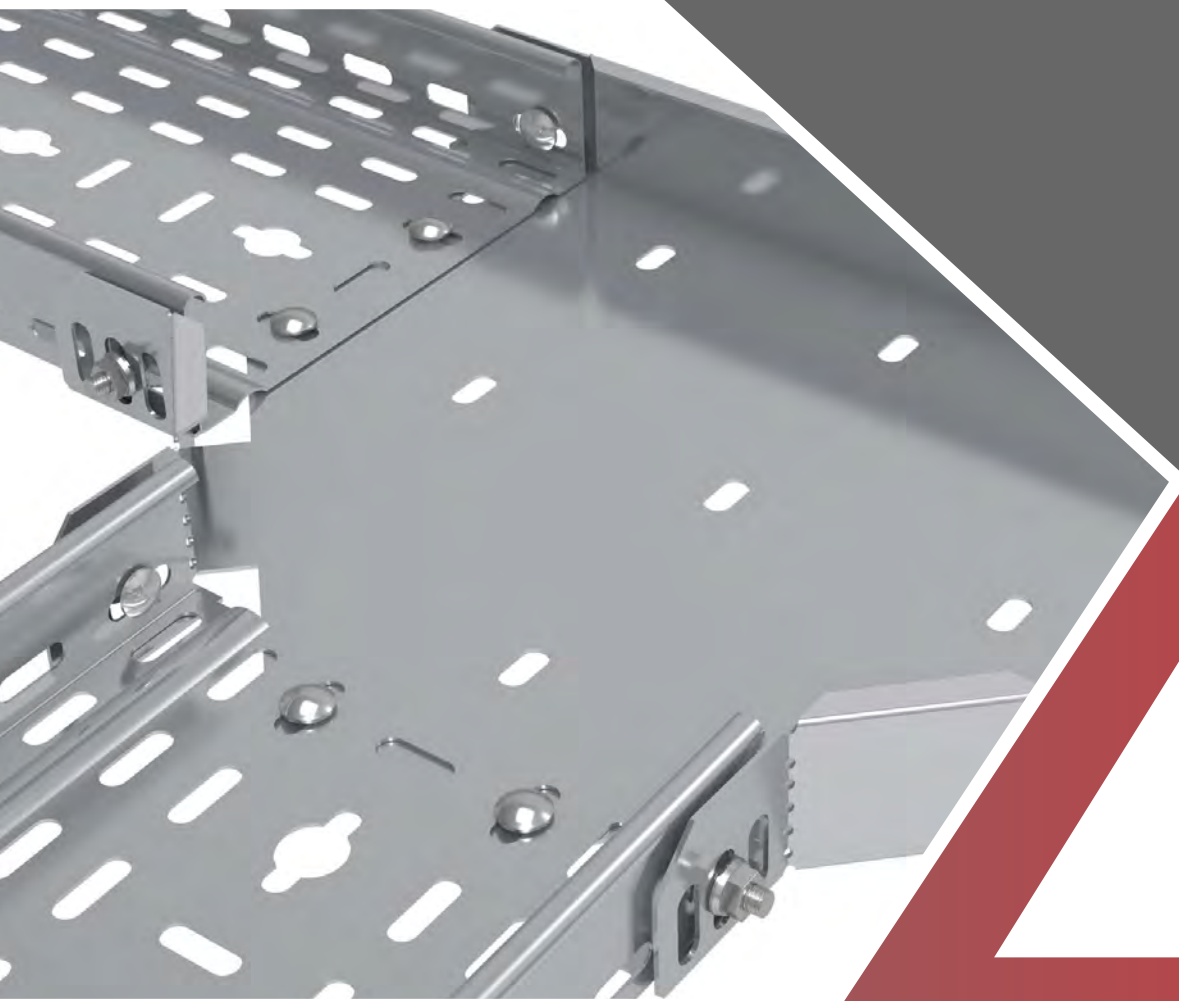




ЕНЕРДЖИ ГРУП ООД

Системи за кабелни скари



**CABLE TRAY
SYSTEMS**

Системи за електрически кабелни скари

**www.abelectric.bg
www.abenergygroup.bg**

Cable Tray Systems



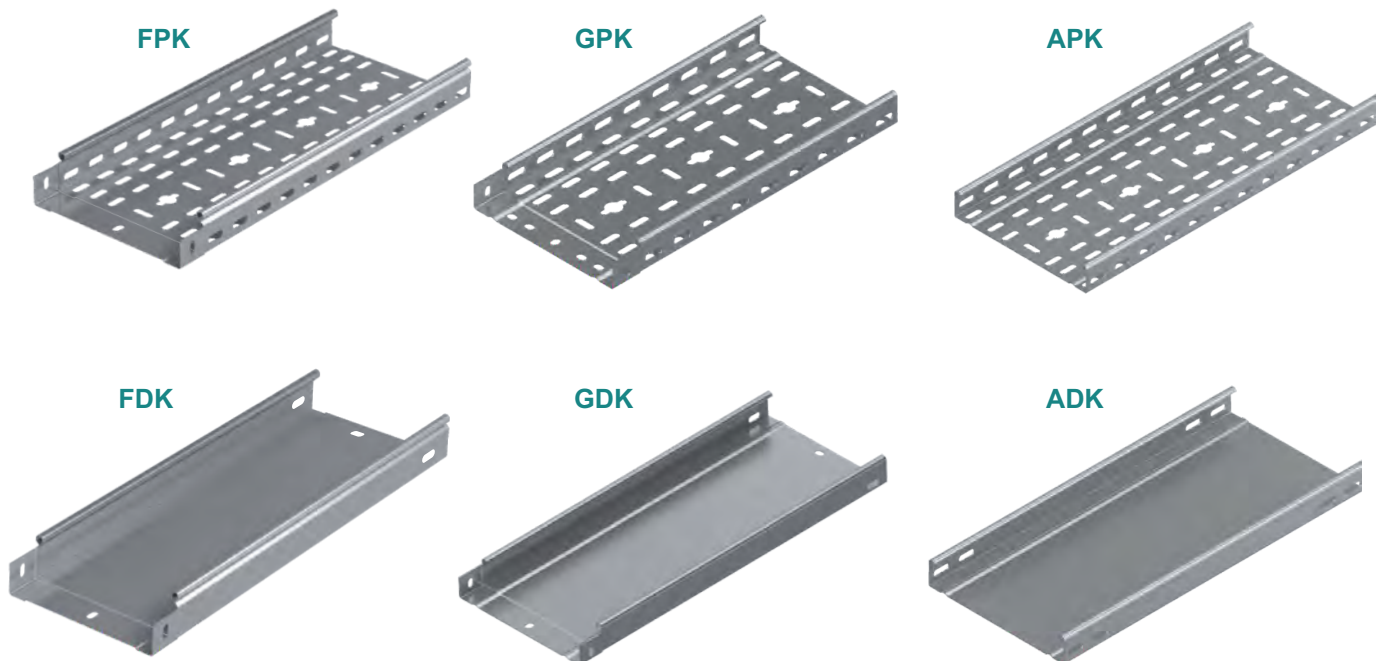
ЕНЕРДЖИ ГРУП ООД

Cable Trays Systems
Системи за кабелни скари



ЕНЕРДЖИ ГРУП ООД

Cable Trays Systems Системи за кабелни скар

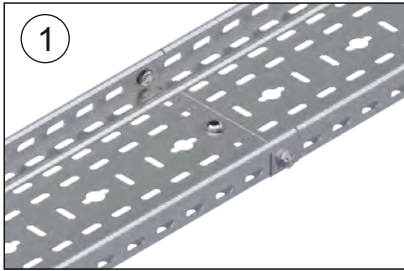


Accessories

<p>Straight Connector Прав конектор</p>  <p>KBE</p>	<p>Adjustable Horizontal Connector Регулируем хоризонтален конектор</p>  <p>BYD</p>	<p>Adjustable Vertical Connector Регулируем вертикален конектор</p>  <p>BDD</p>	<p>Reducer Connector - Single Type Конектор за редуктор</p>  <p>RT</p>	<p>Barrier Strip Бариерна лента</p>  <p>SEP</p>
<p>Stop End Край на спирането</p>  <p>SON</p>	<p>45° Hor. Cable Tray Bend Огъване на 45° хоризонтална кабелна скар</p>  <p>KA45</p>	<p>90° Hor. Cable Tray bend Огъване на 90° хоризонтална кабелна скар</p>  <p>KA90</p>	<p>Tee Hor. Cable Tray bend Т-образно огъване на 90° хоризонтална кабелна скарата</p>  <p>KAT</p>	<p>Cross bend Сглобка за кабелни канали с четири изхода</p>  <p>KAD</p>
<p>Vertical Inside 90° Cable Tray 90° вертикално вдлъбнато завъртане на канала</p>  <p>KAIB</p>	<p>Vertical Outside 90° Cable Tray 90° вертикално изпъкнало въртене на канала</p>  <p>KADB</p>	<p>Add on 90° Horizontal Corner Bend добавяне 90° хоризонтално ъглово огъване</p>  <p>KA90E</p>	<p>Add on Tee horizontal Bend добавяне на хоризонтална чупка</p>  <p>KATE</p>	<p>Round Head Bolt & Nut Болт и гайка с кръгла глава</p>  <p>CFS</p>

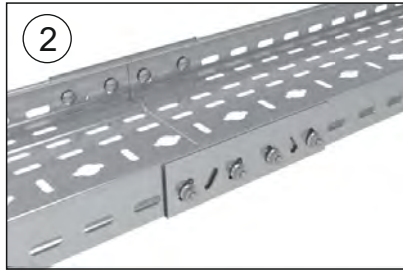
Примери за инсталиране

Пример за приложение на GPK



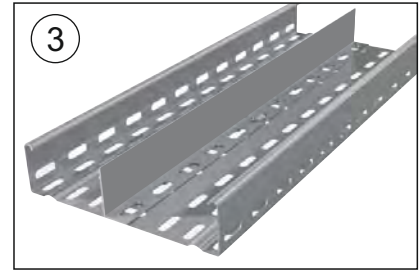
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KBE



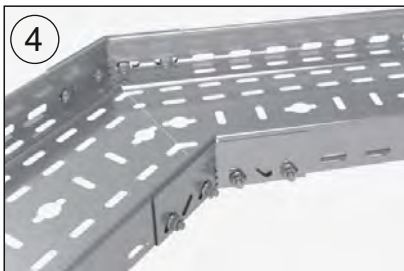
To install cable tray - straight use 2 pieces of KBE and CFS bolts and nuts (M6 or M8)

Пример за приложение на SEP



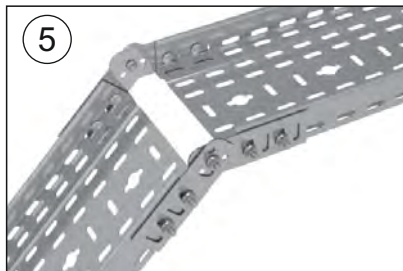
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на BYD



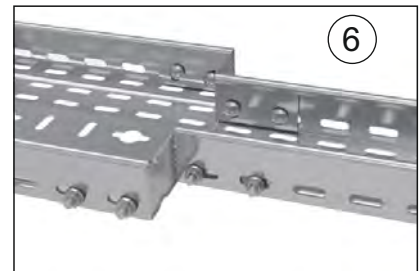
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на BDD



To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на RT



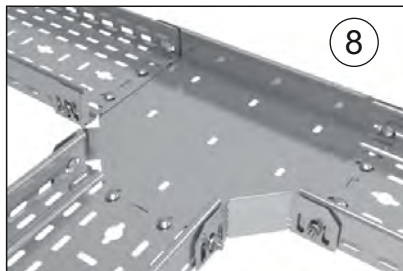
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KA90



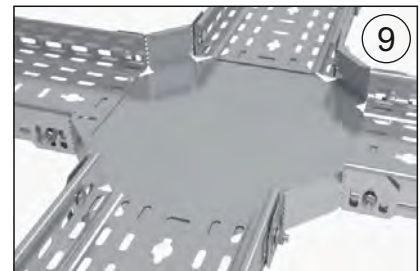
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на КАТ



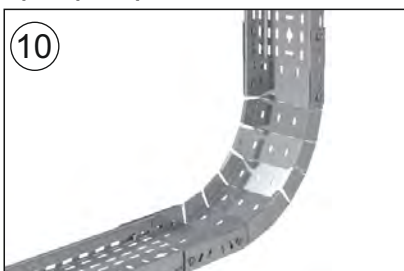
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KAD



To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KAIB



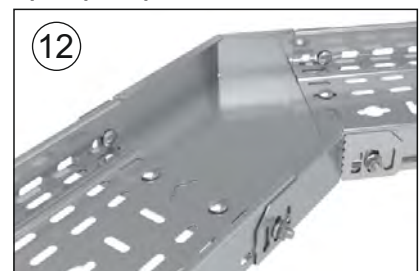
To install cable tray - straight use 2 pieces of KBE and CFS bolts and nuts (M6 or M8)

Пример за приложение на KADB



To install cable tray - straight use 2 pieces of KBE and CFS bolts and nuts (M6 or M8)

Пример за приложение на KA45



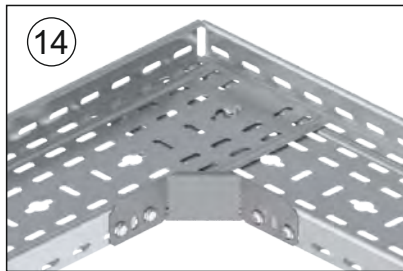
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на SON



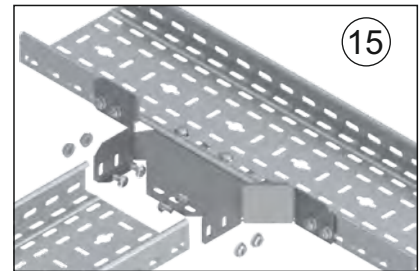
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KA90E



To install cable tray - straight use Screw Sets CFS M6 or CFS M8

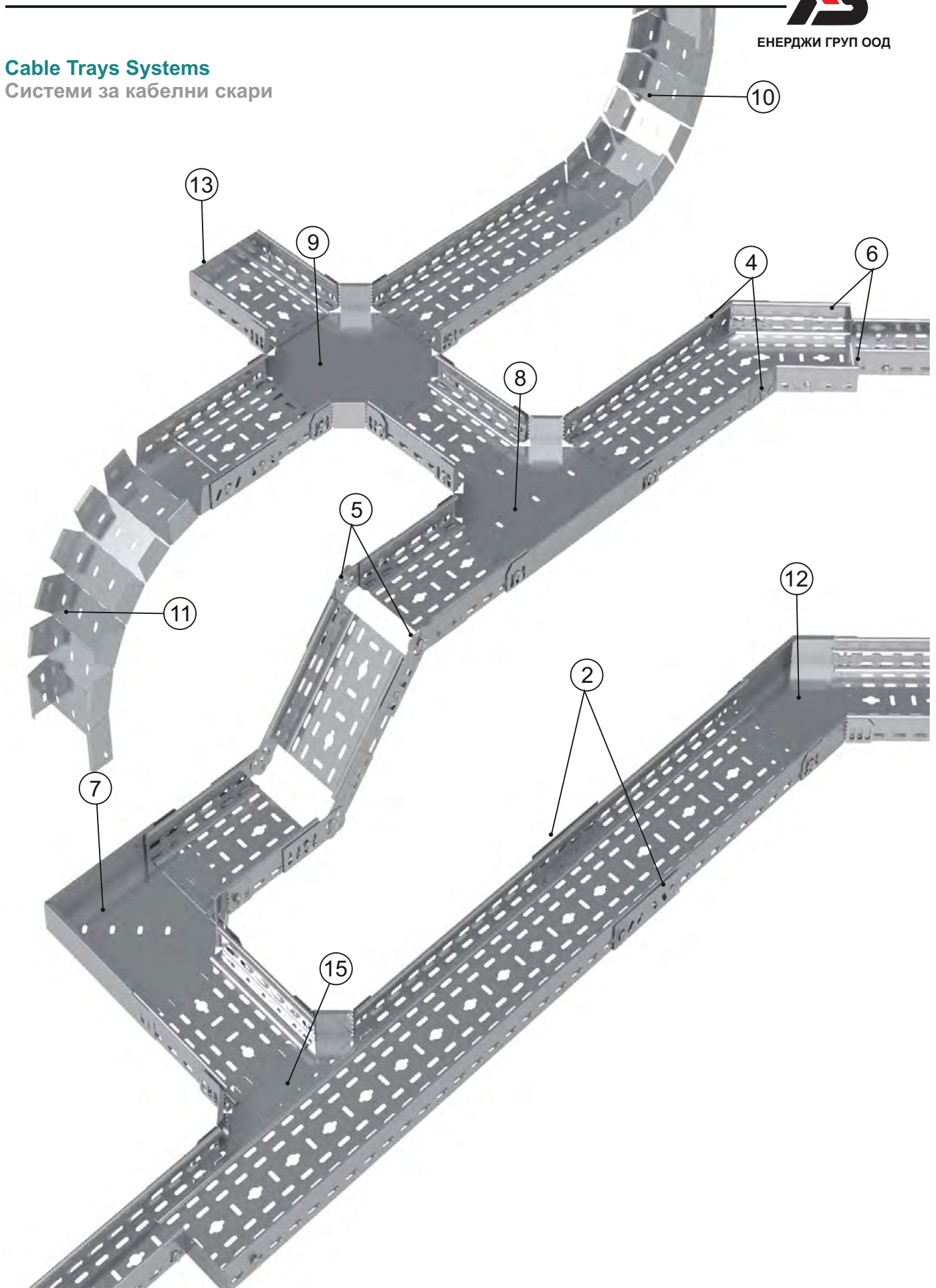
Пример за приложение на KATE



To install cable tray - straight use Screw Sets CFS M6 or CFS M8

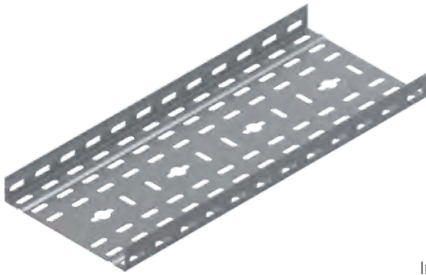
Cable Trays Systems

Системи за кабелни скари



Perforated Cable Trays - Without Return Flanges

Перфорирани кабелни скари - без връщащи фланци



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

SPK ... H40		0.6mm			
CODE	Width a mm	Length L mm	KG 1 mt	pcs	
SPK 405 06 PG	50	3000	0.52	2	
SPK 407 06 PG	75	3000	0.62	2	
SPK 410 06 PG	100	3000	0.72	2	
SPK 412 06 PG	125	3000	0.88	2	
SPK 415 06 PG	150	3000	0.92	2	
SPK 420 06 PG	200	3000	1.12	2	
		0.8mm			
SPK 405 08 PG	50	3000	0.69	2	
SPK 407 08 PG	75	3000	0.83	2	
SPK 410 08 PG	100	3000	0.96	2	
SPK 412 08 PG	125	3000	1.17	2	
SPK 415 08 PG	150	3000	1.23	2	
SPK 420 08 PG	200	3000	1.49	2	
SPK 422 08 PG	225	3000	1.71	2	
SPK 425 08 PG	250	3000	1.76	2	
SPK 430 08 PG	300	3000	2.03	2	
		1.0mm			
SPK 405 10 PG	50	3000	0.87	2	
SPK 407 10 PG	75	3000	1.03	2	
SPK 410 10 PG	100	3000	1.20	2	
SPK 412 10 PG	125	3000	1.47	2	
SPK 415 10 PG	150	3000	1.53	2	
SPK 420 10 PG	200	3000	1.76	2	
SPK 422 10 PG	225	3000	2.01	2	
SPK 425 10 PG	250	3000	2.07	2	
SPK 430 10 PG	300	3000	2.39	2	
SPK 440 10 PG	400	3000	3.01	2	

SPK ... H40		1.2mm			
CODE	Width a mm	Length L mm	KG 1 mt	pcs	
SPK 405 12 PG	50	3000	1.04	2	
SPK 407 12 PG	75	3000	1.24	2	
SPK 410 12 PG	100	3000	1.44	2	
SPK 412 12 PG	125	3000	1.76	2	
SPK 415 12 PG	150	3000	1.84	2	
SPK 420 12 PG	200	3000	2.11	2	
SPK 422 12 PG	225	3000	2.41	2	
SPK 425 12 PG	250	3000	2.49	2	
SPK 430 12 PG	300	3000	2.86	2	
SPK 440 12 PG	400	3000	3.62	2	
SPK 445 12 PG	450	3000	3.99	2	
SPK 450 12 PG	500	3000	4.37	2	
SPK 460 12 PG	600	3000	5.12	2	
		1.5mm			
SPK 405 15 PG	50	3000	1.30	2	
SPK 407 15 PG	75	3000	1.55	2	
SPK 410 15 PG	100	3000	1.80	2	
SPK 412 15 PG	125	3000	2.20	2	
SPK 415 15 PG	150	3000	2.30	2	
SPK 420 15 PG	200	3000	2.64	2	
SPK 422 15 PG	225	3000	3.01	2	
SPK 425 15 PG	250	3000	3.11	2	
SPK 430 15 PG	300	3000	3.58	2	
SPK 440 15 PG	400	3000	4.52	2	
SPK 445 15 PG	450	3000	4.99	2	
SPK 450 15 PG	500	3000	5.46	2	
SPK 460 15 PG	600	3000	6.41	2	

Straight Connector

Прав конектор



To install one length ;use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

KBE 2 ... H40		1.2mm		
CODE	Length L mm	KG 1pc	pcs	
KBE 240 12 PG	175	0.08	100	

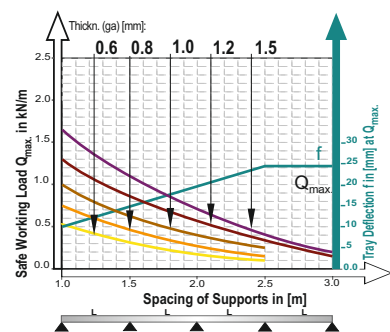
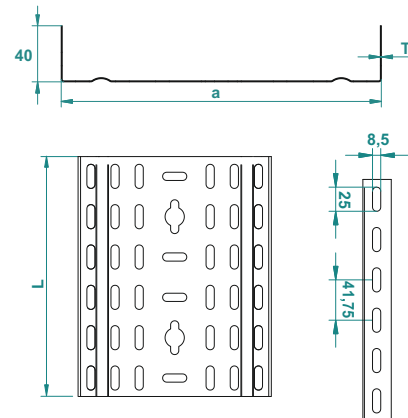
KBE 2 ... H40		1.5mm		
CODE	Length L mm	KG 1pc	pcs	
KBE 240 15 PG	175	0.1	100	

Electro - Galvanised

CFS M6		M6		
CODE	Size mm	Length L mm	KG 1Set	In Box
CFS M6 EG	M6	15	0.008	500

CFS M8		M8		
CODE	Size mm	Length L mm	KG 1Set	In Box
CFS M8 EG	M8	15	0.014	500

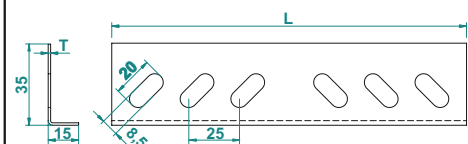
SPK H40



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	20 cm ²
100	40 cm ²
150	60 cm ²
200	80 cm ²
300	120 cm ²
400	160 cm ²
500	200 cm ²
600	240 cm ²

KBE 2



M6x15 Round head squire neck bolt & M6 Flanged nut



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Non - Perforated Cable Trays - Without Return Flanges

Неперфорирани кабелни скари - без връщащи фланци



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

SDK ... H40		0.6mm		
CODE	Width a mm	Length L mm	KG 1 mt	pcs
SDK 405 06 PG	50	3000	0.61	2
SDK 407 06 PG	75	3000	0.73	2
SDK 410 06 PG	100	3000	0.85	2
SDK 412 06 PG	125	3000	1.04	2
SDK 415 06 PG	150	3000	1.08	2
SDK 420 06 PG	200	3000	1.32	2
		0.8mm		
SDK 405 08 PG	50	3000	0.82	2
SDK 407 08 PG	75	3000	0.97	2
SDK 410 08 PG	100	3000	1.13	2
SDK 412 08 PG	125	3000	1.38	2
SDK 415 08 PG	150	3000	1.44	2
SDK 420 08 PG	200	3000	1.76	2
SDK 422 08 PG	225	3000	2.01	2
SDK 425 08 PG	250	3000	2.07	2
SDK 430 08 PG	300	3000	2.39	2
		1.0mm		
SDK 405 10 PG	50	3000	1.02	2
SDK 407 10 PG	75	3000	1.22	2
SDK 410 10 PG	100	3000	1.41	2
SDK 412 10 PG	125	3000	1.73	2
SDK 415 10 PG	150	3000	1.81	2
SDK 420 10 PG	200	3000	2.20	2
SDK 422 10 PG	225	3000	2.51	2
SDK 425 10 PG	250	3000	2.59	2
SDK 430 10 PG	300	3000	2.98	2
SDK 440 10 PG	400	3000	3.77	2

SDK ... H40		1.2mm		
CODE	Width a mm	Length L mm	KG 1 mt	pcs
SDK 405 12 PG	50	3000	1.22	2
SDK 407 12 PG	75	3000	1.46	2
SDK 410 12 PG	100	3000	1.70	2
SDK 412 12 PG	125	3000	2.07	2
SDK 415 12 PG	150	3000	2.17	2
SDK 420 12 PG	200	3000	2.64	2
SDK 422 12 PG	225	3000	3.01	2
SDK 425 12 PG	250	3000	3.11	2
SDK 430 12 PG	300	3000	3.58	2
SDK 440 12 PG	400	3000	4.52	2
SDK 445 12 PG	450	3000	4.99	2
SDK 450 12 PG	500	3000	5.46	2
SDK 460 12 PG	600	3000	6.41	2
		1.5mm		
SDK 405 15 PG	50	3000	1.53	2
SDK 407 15 PG	75	3000	1.83	2
SDK 410 15 PG	100	3000	2.12	2
SDK 412 15 PG	125	3000	2.59	2
SDK 415 15 PG	150	3000	2.71	2
SDK 420 15 PG	200	3000	3.30	2
SDK 422 15 PG	225	3000	3.77	2
SDK 425 15 PG	250	3000	3.89	2
SDK 430 15 PG	300	3000	4.47	2
SDK 440 15 PG	400	3000	5.65	2
SDK 445 15 PG	450	3000	6.24	2
SDK 450 15 PG	500	3000	6.83	2
SDK 460 15 PG	600	3000	8.01	2

Separator

Разделител



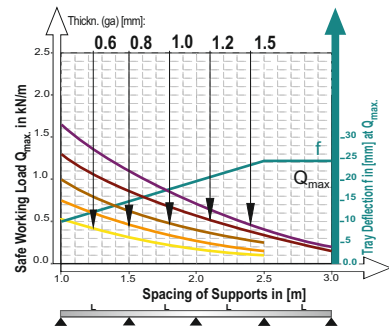
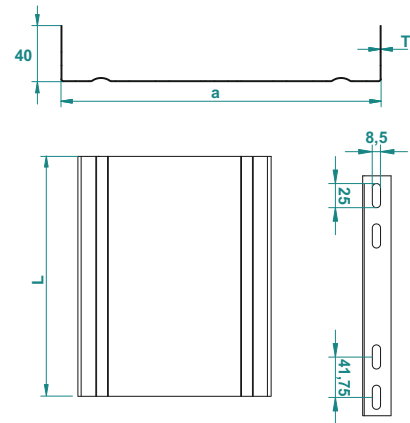
To Install Separator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

SEP 1 ... H40		1.0mm		
CODE	Length L mm	KG 1 pc	pcs	
SEP 140 10 PG	3000	0.43	1	

SEP 1 ... H40		1.5mm		
CODE	Length L mm	KG 1 pc	pcs	
SEP 140 15 PG	3000	0.64	1	

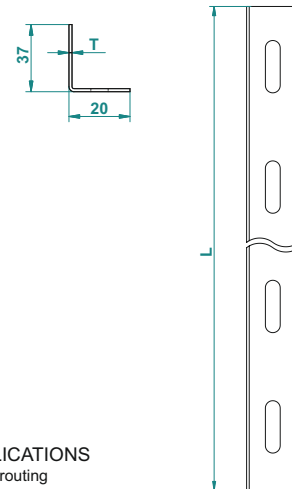
SDK H40



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	20 cm ²
100	40 cm ²
150	60 cm ²
200	80 cm ²
300	120 cm ²
400	160 cm ²
500	200 cm ²
600	240 cm ²

SEP 1 H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

90° Horizontal Bend Of Cable Tray

90° хоризонтално огъване на кабелна скара



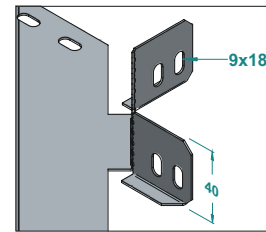
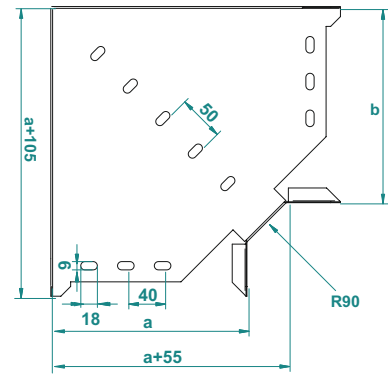
Pre - Galvanised

K90 ... H40		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
K90 405 10 PG	50	0.2	1
K90 407 10 PG	75	0.26	1
K90 410 10 PG	100	0.41	1
K90 412 10 PG	125	0.5	1
K90 415 10 PG	150	0.58	1
K90 420 10 PG	200	0.79	1
K90 422 10 PG	225	0.9	1
K90 425 10 PG	250	1.03	1
		1.2mm	
K90 430 12 PG	300	1.66	1
K90 440 12 PG	400	2.45	1
K90 445 12 PG	450	2.9	1
K90 450 12 PG	500	3.38	1
K90 460 12 PG	600	4.47	1

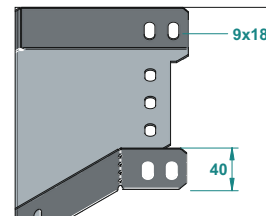
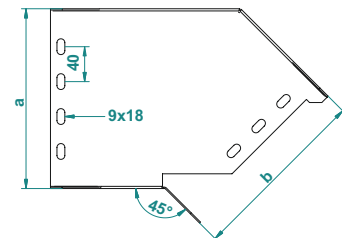
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

K90 ... H40		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
K90 405 15 PG	50	0.3	1
K90 407 15 PG	75	0.39	1
K90 410 15 PG	100	0.62	1
K90 412 15 PG	125	0.74	1
K90 415 15 PG	150	0.88	1
K90 420 15 PG	200	1.18	1
K90 422 15 PG	225	1.36	1
K90 425 15 PG	250	1.54	1
K90 430 15 PG	300	2.08	1
K90 440 15 PG	400	3.06	1
K90 445 15 PG	450	3.62	1
K90 450 15 PG	500	4.23	1
K90 460 15 PG	600	5.58	1

K90 H40



K45 H40



45° Horizontal Bend Of Cable Tray

45° хоризонтално огъване на кабелна скара



Pre - Galvanised

K45 ... H40		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
K45 405 10 PG	50	0.20	1
K45 407 10 PG	75	0.26	1
K45 410 10 PG	100	0.34	1
K45 412 10 PG	125	0.45	1
K45 415 10 PG	150	0.54	1
K45 420 10 PG	200	0.74	1
K45 422 10 PG	225	0.86	1
K45 425 10 PG	250	0.98	1
		1.2mm	
K45 430 12 PG	300	1.49	1
K45 440 12 PG	400	2.24	1
K45 445 12 PG	450	2.68	1
K45 450 12 PG	500	3.14	1
K45 460 12 PG	600	4.20	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

K45 ... H40		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
K45 405 15 PG	50	0.30	1
K45 407 15 PG	75	0.39	1
K45 410 15 PG	100	0.50	1
K45 412 15 PG	125	0.66	1
K45 415 15 PG	150	0.80	1
K45 420 15 PG	200	1.10	1
K45 422 15 PG	225	1.28	1
K45 425 15 PG	250	1.46	1
K45 430 15 PG	300	1.86	1
K45 440 15 PG	400	2.80	1
K45 445 15 PG	450	3.34	1
K45 450 15 PG	500	3.94	1
K45 460 15 PG	600	5.26	1

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



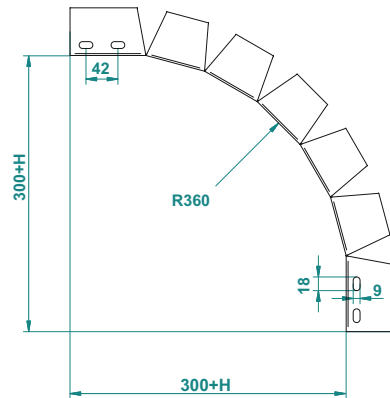
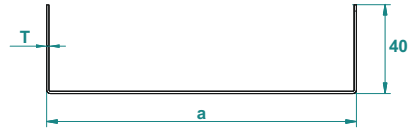
Pre - Galvanised

KDB ... H40		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	pcs
KDB 405 10 PG	50	600	0.5	1	1
KDB 407 10 PG	75	600	0.61	1	1
KDB 410 10 PG	100	600	0.7	1	1
KDB 412 10 PG	125	600	0.8	1	1
KDB 415 10 PG	150	600	0.9	1	1
KDB 420 10 PG	200	600	1.1	1	1
KDB 422 10 PG	225	600	1.19	1	1
KDB 425 10 PG	250	600	1.29	1	1
KDB ... H40		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	pcs
KDB 430 12 PG	300	600	1.78	1	1
KDB 440 12 PG	400	600	2.7	1	1
KDB 445 12 PG	450	600	2.99	1	1
KDB 450 12 PG	500	600	3.27	1	1
KDB 460 12 PG	600	600	3.84	1	1

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

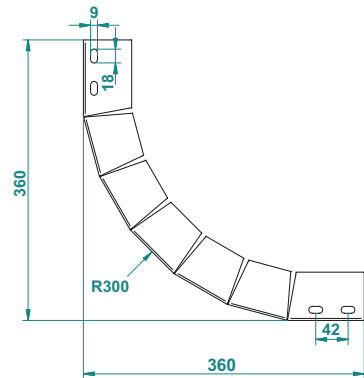
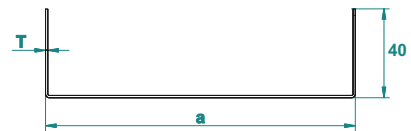
KDB ... H40		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	pcs
KDB 405 15 PG	50	600	0.75	1	1
KDB 407 15 PG	75	600	0.9	1	1
KDB 410 15 PG	100	600	1.05	1	1
KDB 412 15 PG	125	600	1.19	1	1
KDB 415 15 PG	150	600	1.34	1	1
KDB 420 15 PG	200	600	1.63	1	1
KDB 422 15 PG	225	600	1.78	1	1
KDB 425 15 PG	250	600	1.93	1	1
KDB 430 15 PG	300	600	2.22	1	1
KDB 440 15 PG	400	600	3.38	1	1
KDB 445 15 PG	450	600	3.73	1	1
KDB 450 15 PG	500	600	4.08	1	1
KDB 460 15 PG	600	600	4.78	1	1

KDB H40



KDB and KIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KIB H40



KDB and KIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



Pre - Galvanised

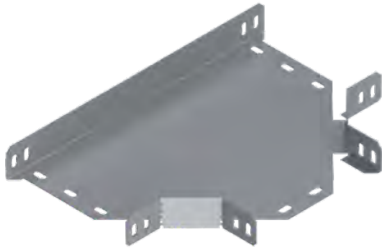
KIB ... H40		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KIB 405 10 PG	50	600	0.5	1	1
KIB 407 10 PG	75	600	0.61	1	1
KIB 410 10 PG	100	600	0.7	1	1
KIB 412 10 PG	125	600	0.8	1	1
KIB 415 10 PG	150	600	0.9	1	1
KIB 420 10 PG	200	600	1.1	1	1
KIB 422 10 PG	225	600	1.19	1	1
KIB 425 10 PG	250	600	1.29	1	1
KIB ... H40		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KIB 430 12 PG	300	600	1.78	1	1
KIB 440 12 PG	400	600	2.7	1	1
KIB 445 12 PG	450	600	2.99	1	1
KIB 450 12 PG	500	600	3.27	1	1
KIB 460 12 PG	600	600	3.84	1	1

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KIB ... H40		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KIB 405 15 PG	50	600	0.75	1	1
KIB 407 15 PG	75	600	0.9	1	1
KIB 410 15 PG	100	600	1.05	1	1
KIB 412 15 PG	125	600	1.19	1	1
KIB 415 15 PG	150	600	1.34	1	1
KIB 420 15 PG	200	600	1.63	1	1
KIB 422 15 PG	225	600	1.78	1	1
KIB 425 15 PG	250	600	1.93	1	1
KIB 430 15 PG	300	600	2.22	1	1
KIB 440 15 PG	400	600	3.38	1	1
KIB 445 15 PG	450	600	3.73	1	1
KIB 450 15 PG	500	600	4.08	1	1
KIB 460 15 PG	600	600	4.78	1	1

Tee Horizontal Bend of Cable Tray

T-образна хоризонтална чупка на кабелна скара



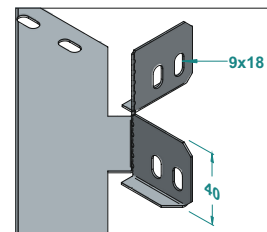
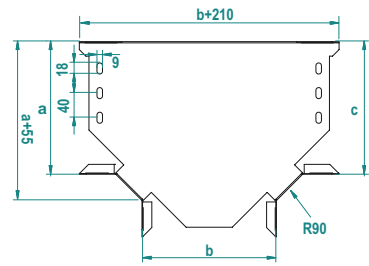
Pre - Galvanised

KT ... H40		1.0mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KT 405 10 PG	50	0.26	1
KT 407 10 PG	75	0.32	1
KT 410 10 PG	100	0.5	1
KT 412 10 PG	125	0.6	1
KT 415 10 PG	150	0.7	1
KT 420 10 PG	200	0.93	1
KT 422 10 PG	225	1.05	1
KT 425 10 PG	250	1.18	1
		1.2mm	
KT 430 12 PG	300	1.97	1
KT 440 12 PG	400	2.82	1
KT 445 12 PG	450	3.3	1
KT 450 12 PG	500	3.82	1
KT 460 12 PG	600	4.96	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

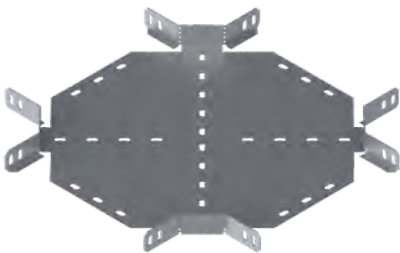
KT ... H40		1.5mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KT 405 15 PG	50	0.38	1
KT 407 15 PG	75	0.48	1
KT 410 15 PG	100	0.76	1
KT 412 15 PG	125	0.9	1
KT 415 15 PG	150	1.05	1
KT 420 15 PG	200	1.38	1
KT 422 15 PG	225	1.58	1
KT 425 15 PG	250	1.78	1
KT 430 15 PG	300	2.46	1
KT 440 15 PG	400	3.52	1
KT 445 15 PG	450	4.12	1
KT 450 15 PG	500	4.77	1
KT 460 15 PG	600	6.2	1

KT H40



Cross Bend of Cable Tray

Напречно огъване на кабелна скара



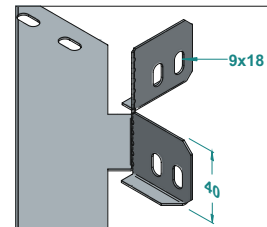
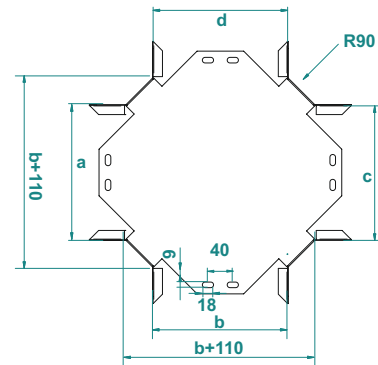
Pre - Galvanised

KD ... H40		1.0mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KD 405 10 PG	50	0.32	1
KD 407 10 PG	75	0.39	1
KD 410 10 PG	100	0.62	1
KD 412 10 PG	125	0.73	1
KD 415 10 PG	150	0.84	1
KD 420 10 PG	200	1.08	1
KD 422 10 PG	225	1.22	1
KD 425 10 PG	250	1.36	1
		1.2mm	
KD 430 12 PG	300	2.32	1
KD 440 12 PG	400	3.23	1
KD 445 12 PG	450	3.74	1
KD 450 12 PG	500	4.3	1
KD 460 12 PG	600	5.51	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KD ... H40		1.5mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KD 405 15 PG	50	0.48	1
KD 407 15 PG	75	0.59	1
KD 410 15 PG	100	0.94	1
KD 412 15 PG	125	1.09	1
KD 415 15 PG	150	1.26	1
KD 420 15 PG	200	1.62	1
KD 422 15 PG	225	1.82	1
KD 425 15 PG	250	2.04	1
KD 430 15 PG	300	2.9	1
KD 440 15 PG	400	4.04	1
KD 445 15 PG	450	4.68	1
KD 450 15 PG	500	5.37	1
KD 460 15 PG	600	6.89	1

KD H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Add on 90° Horizontal Corner Bend of Cable Tray

Добавяне 90° хоризонтално ъглово огъване на кабелна скарата



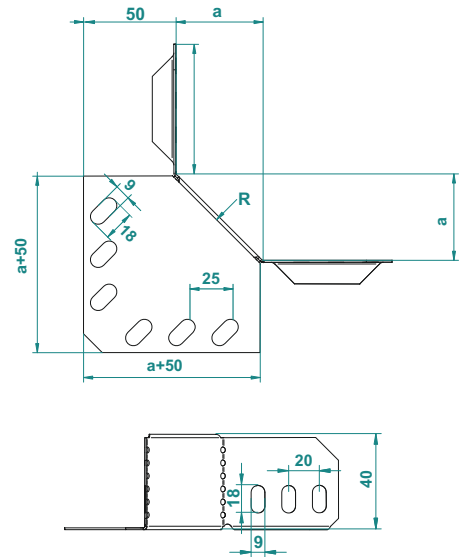
Pre - Galvanised

K90E ... H40		1.0mm		
CODE	a mm	Radius R mm	kg 1pc	pcs
K90E 4 10 PG	55	90	0.14	1
K90ER1 4 10 PG	90	150	0.22	1
K90ER2 4 10 PG	180	300	0.49	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

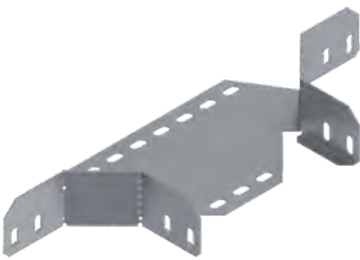
K90E ... H40		1.5mm		
CODE	a mm	Radius R mm	kg 1pc	pcs
K90E 4 15 PG	55	90	0.22	1
K90ER1 4 15 PG	90	150	0.34	1
K90ER2 4 15 PG	180	300	0.73	1

K90E H40



Add on Tee horizontal bend

Добавяне - Т-образна хоризонтална чупка



Pre - Galvanised

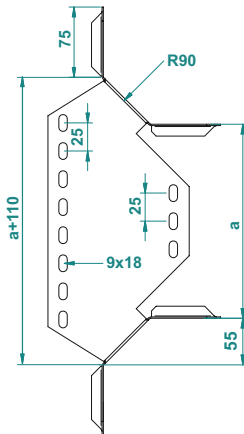
KTE ... H40		1mm		
CODE	Width a mm	Radius R mm	kg 1pc	pcs
KTE 410 10 PG	100	90	0.33	1
KTE 412 10 PG	125	90	0.35	1
KTE 415 10 PG	150	90	0.38	1
KTE 420 10 PG	200	90	0.42	1
KTE 422 10 PG	225	90	0.45	1
KTE 425 10 PG	250	90	0.47	1

KTE ... H40		1.2 mm		
CODE	Width a mm	Radius R mm	kg 1pc	pcs
KTE 430 12 PG	300	90	0.62	1
KTE 440 12 PG	400	90	0.74	1
KTE 445 12 PG	450	90	0.79	1
KTE 450 12 PG	500	90	0.85	1
KTE 460 12 PG	600	90	0.96	1

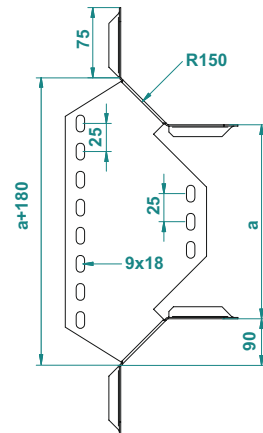
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KTER1 ... H40		1.5mm		
CODE	Width a mm	Radius R mm	kg 1pc	pcs
KTER1 410 15 PG	100	150	0.99	1
KTER1 412 15 PG	125	150	1.05	1
KTER1 415 15 PG	150	150	1.1	1
KTER1 420 15 PG	200	150	1.22	1
KTER1 422 15 PG	225	150	1.28	1
KTER1 425 15 PG	250	150	1.34	1
KTER1 430 15 PG	300	150	1.46	1
KTER1 440 15 PG	400	150	1.7	1
KTER1 445 15 PG	450	150	1.82	1
KTER1 450 15 PG	500	150	1.93	1
KTER1 460 15 PG	600	150	2.17	1

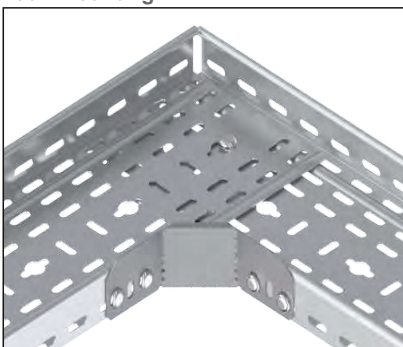
KTE H40



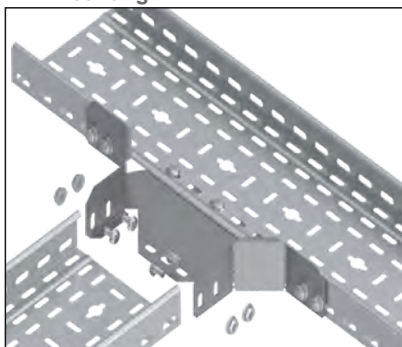
KTER1 H40



K90E Mounting



KTE Mounting



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 **0.8** **1.0** **1.2** **1.5**

Reducer Connector - Single Type

Конектор за редуктор



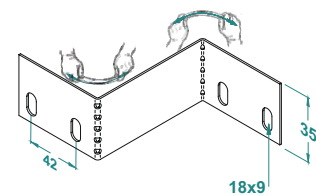
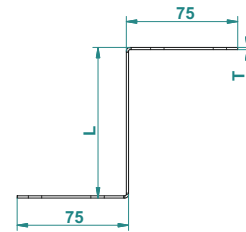
Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

Pre - Galvanised

RT ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
RT 40 25 15 PG	25	0.074	1
RT 40 50 15 PG	50	0.085	1
RT 40 75 15 PG	75	0.095	1
RT 40 100 15 PG	100	0.106	1
RT 40 125 15 PG	125	0.117	1
RT 40 150 15 PG	150	0.127	1
RT 40 175 15 PG	175	0.138	1
RT 40 200 15 PG	200	0.149	1
RT 40 225 15 PG	225	0.159	1
RT 40 250 15 PG	250	0.169	1
RT 40 275 15 PG	275	0.18	1
RT 40 300 15 PG	300	0.191	1

RT ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
RT 40 325 15 PG	325	0.202	1
RT 40 350 15 PG	350	0.212	1
RT 40 375 15 PG	375	0.222	1
RT 40 400 15 PG	400	0.233	1
RT 40 425 15 PG	425	0.244	1
RT 40 450 15 PG	450	0.255	1
RT 40 475 15 PG	475	0.265	1
RT 40 500 15 PG	500	0.275	1
RT 40 525 15 PG	525	0.286	1
RT 40 550 15 PG	550	0.297	1
RT 40 575 15 PG	575	0.307	1

RT H40



Stop End (Blind End)

Крайна планка



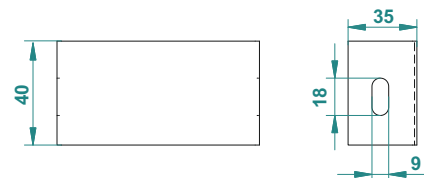
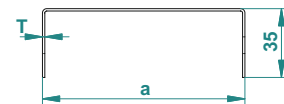
Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

Pre - Galvanised

SON ... H40		1.2mm	
CODE	Width a mm	KG 1 pc	pcs
SON 405 12 PG	50	0.058	1
SON 407 12 PG	75	0.066	1
SON 410 12 PG	100	0.075	1
SON 412 12 PG	125	0.083	1
SON 415 12 PG	150	0.092	1
SON 420 12 PG	200	0.109	1
SON 422 12 PG	225	0.117	1
SON 425 12 PG	250	0.125	1
SON 430 12 PG	300	0.142	1
SON 440 12 PG	400	0.176	1
SON 445 12 PG	450	0.194	1
SON 450 12 PG	500	0.211	1
SON 460 12 PG	600	0.244	1

SON ... H40		1.5mm	
CODE	Width a mm	KG 1 pc	pcs
SON 405 15 PG	50	0.072	1
SON 407 15 PG	75	0.083	1
SON 410 15 PG	100	0.094	1
SON 412 15 PG	125	0.104	1
SON 415 15 PG	150	0.114	1
SON 420 15 PG	200	0.136	1
SON 422 15 PG	225	0.146	1
SON 425 15 PG	250	0.157	1
SON 430 15 PG	300	0.178	1
SON 440 15 PG	400	0.221	1
SON 445 15 PG	450	0.241	1
SON 450 15 PG	500	0.263	1
SON 460 15 PG	600	0.305	1

SON H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.)



Pre - Galvanised

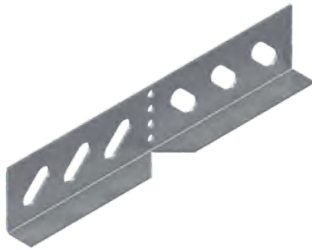
To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

BDD 2 ... H40		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 240 12 PG	250	0.14	1

BDD 2 ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 240 15 PG	250	0.17	1

Adjustable Horizontal Connector

Регулируем хоризонтален конектор



Pre - Galvanised

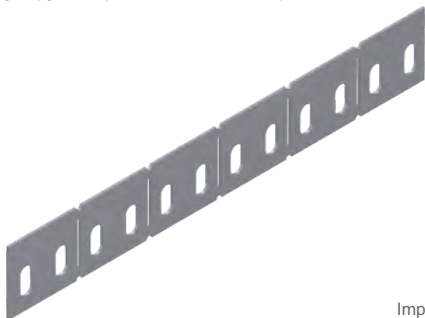
To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

BYD 2 ... H40		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 240 12 PG	175	0.08	1

BYD 2 ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 240 15 PG	175	0.1	1

Adjustable Horizontal Connector - Long Type

Регулируем хоризонтален конектор - тип дълъг



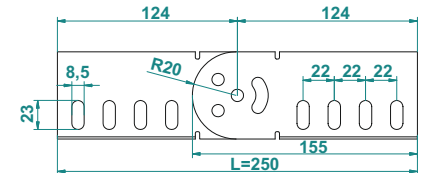
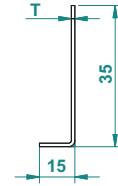
Pre - Galvanised

Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

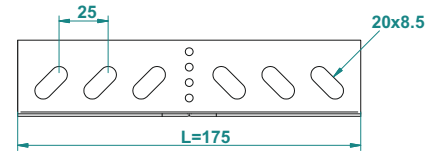
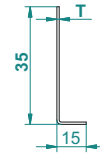
BYDU 1 ... H40		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 140 12 PG	1000	0.3	1

BYDU 1 ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 140 15 PG	1000	0.38	1

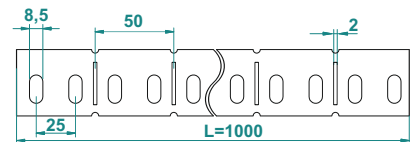
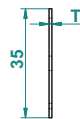
BDD 2 H40



BYD 2 H40



BYDU 1 H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 0.8 1.0 1.2 1.5

Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

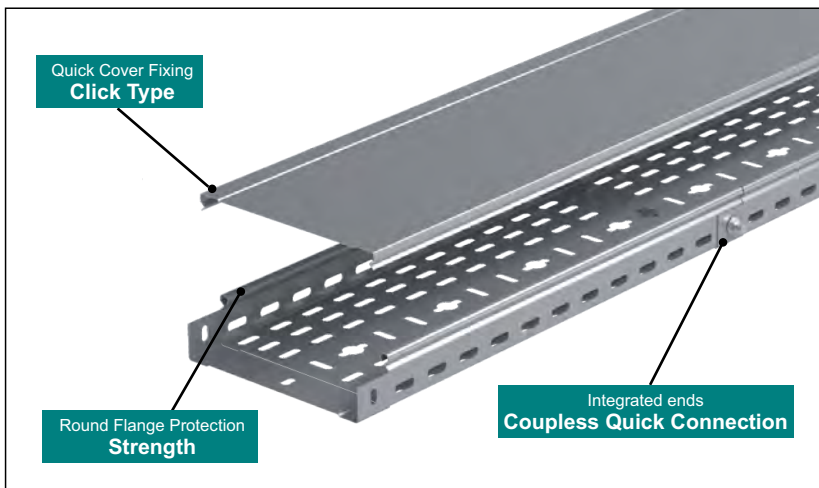
FPK ... H40		0.6mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FPK 405 06 PG	50	3000	0.56	2	
FPK 407 06 PG	75	3000	0.66	2	
FPK 410 06 PG	100	3000	0.75	2	
FPK 412 06 PG	125	3000	0.85	2	
FPK 415 06 PG	150	3000	0.94	2	
FPK 420 06 PG	200	3000	1.13	2	

FPK ... H40		0.7mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FPK 405 07 PG	50	3000	0.70	2	
FPK 407 07 PG	75	3000	0.82	2	
FPK 410 07 PG	100	3000	0.93	2	
FPK 412 07 PG	125	3000	1.03	2	
FPK 415 07 PG	150	3000	1.17	2	
FPK 420 07 PG	200	3000	1.40	2	

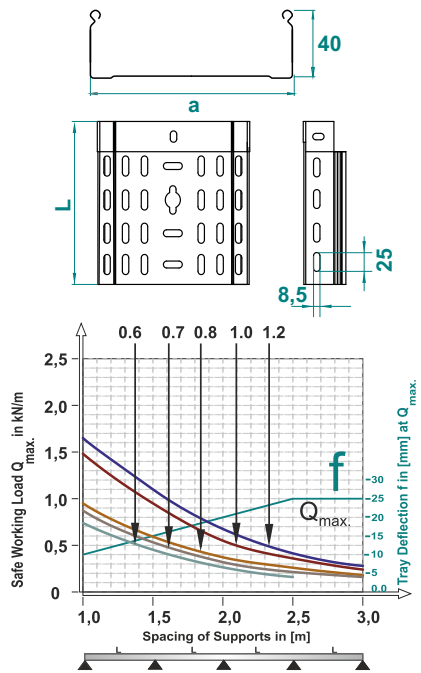
FPK ... H40		0.8mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FPK 405 08 PG	50	3000	0.74	2	
FPK 407 08 PG	75	3000	0.87	2	
FPK 410 08 PG	100	3000	0.99	2	
FPK 412 08 PG	125	3000	1.12	2	
FPK 415 08 PG	150	3000	1.25	2	
FPK 420 08 PG	200	3000	1.50	2	
FPK 422 08 PG	225	3000	1.62	2	
FPK 425 08 PG	250	3000	1.74	2	
FPK 430 08 PG	300	3000	2.00	2	

FPK ... H40		1.0mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FPK 405 10 PG	50	3000	0.92	2	
FPK 407 10 PG	75	3000	1.08	2	
FPK 410 10 PG	100	3000	1.23	2	
FPK 412 10 PG	125	3000	1.39	2	
FPK 415 10 PG	150	3000	1.55	2	
FPK 420 10 PG	200	3000	1.86	2	
FPK 422 10 PG	225	3000	2.02	2	
FPK 425 10 PG	250	3000	2.18	2	
FPK 430 10 PG	300	3000	2.49	2	
FPK 440 10 PG	400	3000	3.12	2	
FPK 445 10 PG	450	3000	3.29	2	
FPK 450 10 PG	500	3000	3.60	2	
FPK 460 10 PG	600	3000	4.20	2	

FPK ... H40		1.2mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FPK 445 12 PG	450	3000	4.12	2	
FPK 450 12 PG	500	3000	4.50	2	
FPK 460 12 PG	600	3000	5.25	2	



FPK H40



Width	Usable Cross-Section
50	18 cm ²
100	38 cm ²
150	58 cm ²
200	78 cm ²
300	118 cm ²
400	158 cm ²
500	198 cm ²
600	238 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safety co-efficient = 1.5

APPLICATIONS

Cable routing

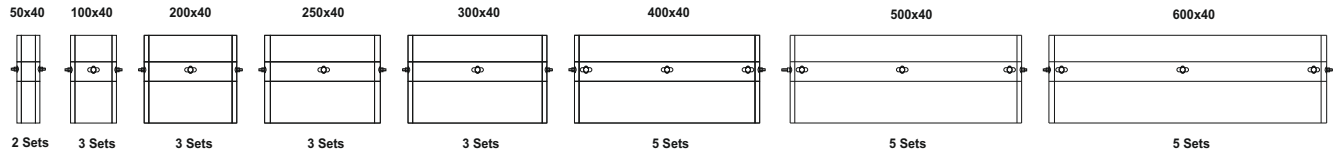
MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS- stainless steel AISI 304L and AISI 316L (SS)
 EP- powder coating in a full range of colours (RAL)
 Thickn. (ga) [mm]: **0.6|0.8|1.0|1.2**

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections									
Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци

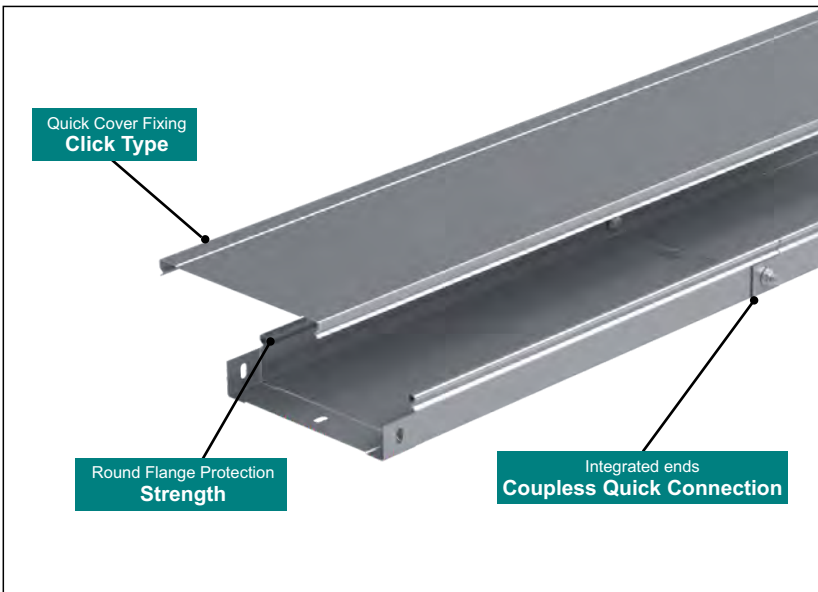


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

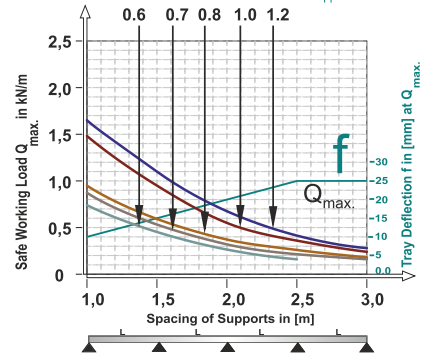
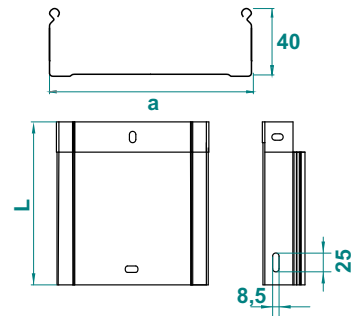
Pre - Galvanised

FDK ... H40		0.6mm	
CODE	Width a mm	Length L mm	kg / 1 pc
FDK 405 06 PG	50	3000	0.70
FDK 407 06 PG	75	3000	0.82
FDK 410 06 PG	100	3000	0.94
FDK 412 06 PG	125	3000	1.06
FDK 415 06 PG	150	3000	1.17
FDK 420 06 PG	200	3000	1.41
		0.7mm	
FDK 405 07 PG	50	3000	0.82
FDK 407 07 PG	75	3000	0.96
FDK 410 07 PG	100	3000	1.09
FDK 412 07 PG	125	3000	1.23
FDK 415 07 PG	150	3000	1.37
FDK 420 07 PG	200	3000	1.64
		0.8mm	
FDK 405 08 PG	50	3000	0.93
FDK 407 08 PG	75	3000	1.09
FDK 410 08 PG	100	3000	1.24
FDK 412 08 PG	125	3000	1.40
FDK 415 08 PG	150	3000	1.56
FDK 420 08 PG	200	3000	1.87
FDK 422 08 PG	225	3000	2.03
FDK 425 08 PG	250	3000	2.18
FDK 430 08 PG	300	3000	2.50

FPK ... H40		1.0mm	
CODE	Width a mm	Length L mm	kg / 1 pc
FDK 405 10 PG	50	3000	1.15
FDK 407 10 PG	75	3000	1.35
FDK 410 10 PG	100	3000	1.54
FDK 412 10 PG	125	3000	1.74
FDK 415 10 PG	150	3000	1.94
FDK 420 10 PG	200	3000	2.33
FDK 422 10 PG	225	3000	2.52
FDK 425 10 PG	250	3000	2.72
FDK 430 10 PG	300	3000	3.11
FDK 440 10 PG	400	3000	3.90
FDK 445 10 PG	450	3000	4.12
FDK 450 10 PG	500	3000	4.49
FDK 460 10 PG	600	3000	5.24
		1.2mm	
FDK 445 12 PG	450	3000	5.15
FDK 450 12 PG	500	3000	5.62
FDK 460 12 PG	600	3000	6.56



FDK H40



Width	Usable Cross-Section
50	18 cm ²
100	38 cm ²
150	58 cm ²
200	78 cm ²
300	118 cm ²
400	158 cm ²
500	198 cm ²
600	238 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 Q = max. admissible load (kg/m)
 L = support distance (m)
 f = Deflection (mm) / Max. deflection = $L/100$
 Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2**

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections									
Width Of Cable Tray	W	H	40	50	60	75	80	85	100
	50	2 Sets	2 Sets	2 Sets	—	—	—	—	—
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



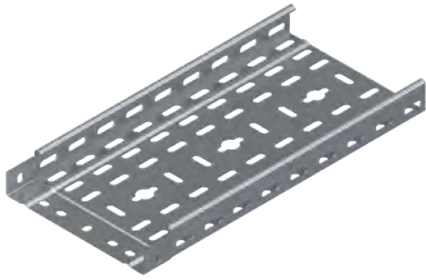
Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GPK ... H40		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GPK 405 06 PG	50	3000	0.56	2	
GPK 407 06 PG	75	3000	0.66	2	
GPK 410 06 PG	100	3000	0.75	2	
GPK 412 06 PG	125	3000	0.85	2	
GPK 415 06 PG	150	3000	0.94	2	
GPK 420 06 PG	200	3000	1.13	2	
GPK ... H40		0.7mm			
GPK 405 07 PG	50	3000	0.70	2	
GPK 407 07 PG	75	3000	0.82	2	
GPK 410 07 PG	100	3000	0.93	2	
GPK 412 07 PG	125	3000	1.03	2	
GPK 415 07 PG	150	3000	1.17	2	
GPK 420 07 PG	200	3000	1.40	2	

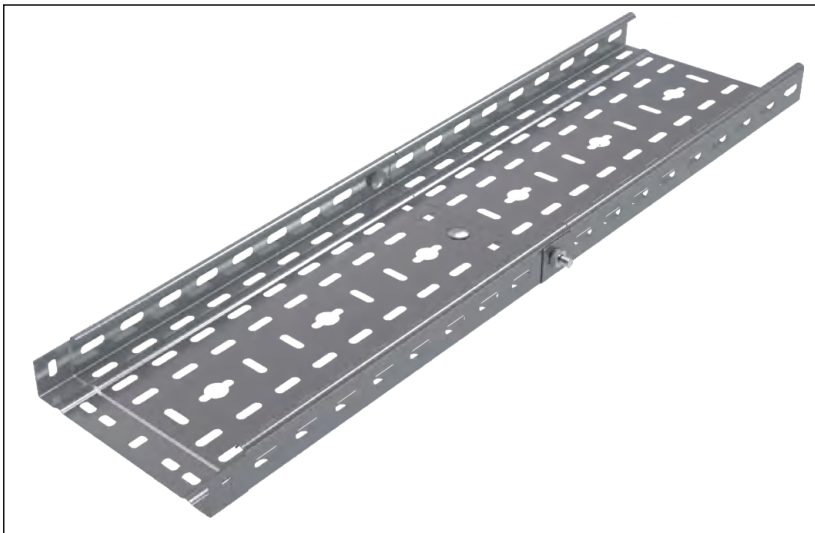
GPK ... H40		0.8mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GPK 405 08 PG	50	3000	0.74	2	
GPK 407 08 PG	75	3000	0.87	2	
GPK 410 08 PG	100	3000	0.99	2	
GPK 412 08 PG	125	3000	1.12	2	
GPK 415 08 PG	150	3000	1.25	2	
GPK 420 08 PG	200	3000	1.50	2	
GPK 422 08 PG	225	3000	1.62	2	
GPK 425 08 PG	250	3000	1.74	2	
GPK 430 08 PG	300	3000	2.00	2	
GPK ... H40		1.0mm			
GPK 405 10 PG	50	3000	0.92	2	
GPK 407 10 PG	75	3000	1.08	2	
GPK 410 10 PG	100	3000	1.23	2	
GPK 412 10 PG	125	3000	1.39	2	
GPK 415 10 PG	150	3000	1.55	2	
GPK 420 10 PG	200	3000	1.86	2	
GPK 422 10 PG	225	3000	2.02	2	
GPK 425 10 PG	250	3000	2.18	2	
GPK 430 10 PG	300	3000	2.49	2	
GPK 440 10 PG	400	3000	3.12	2	
GPK ... H40		1.2mm			
GPK 445 12 PG	450	3000	4.12	2	
GPK 450 12 PG	500	3000	4.50	2	
GPK 460 12 PG	600	3000	5.25	2	

MATERIAL

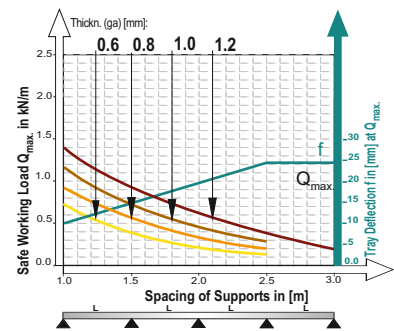
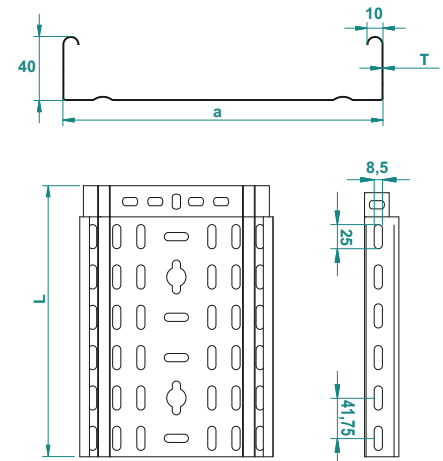
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: **0.6 | 0.7 | 0.8 | 1.0 | 1.2**

Mounting Example



GPK H40



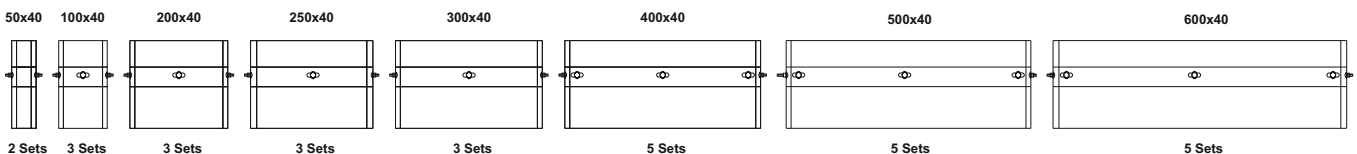
This diagram comply with IEC 61537 with connection to 1/5
of the span and the end span = 0.8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safely co-efficient = 1.5

Width	Usable Cross-Sector
50	18 cm ²
100	38 cm ²
150	58 cm ²
200	78 cm ²
300	118 cm ²
400	158 cm ²
500	198 cm ²
600	238 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

W	H	40	50	60	75	80	85	100
		50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Integrated Non Perforated Cable Trays - Return Flanges

Интегрирани неперфорирани кабелни скари - връщащи фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GDK ... H40		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 405 06 PG	50	3000	0.70	2	
GDK 407 06 PG	75	3000	0.82	2	
GDK 410 06 PG	100	3000	0.94	2	
GDK 412 06 PG	125	3000	1.06	2	
GDK 415 06 PG	150	3000	1.17	2	
GDK 420 06 PG	200	3000	1.41	2	
GDK ... H40		0.7mm			
GDK 405 07 PG	50	3000	0.82	2	
GDK 407 07 PG	75	3000	0.96	2	
GDK 410 07 PG	100	3000	1.09	2	
GDK 412 07 PG	125	3000	1.23	2	
GDK 415 07 PG	150	3000	1.37	2	
GDK 420 07 PG	200	3000	1.64	2	

GDK ... H40		0.8mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 405 08 PG	50	3000	0.93	2	
GDK 407 08 PG	75	3000	1.09	2	
GDK 410 08 PG	100	3000	1.24	2	
GDK 412 08 PG	125	3000	1.40	2	
GDK 415 08 PG	150	3000	1.56	2	
GDK 420 08 PG	200	3000	1.87	2	
GDK 422 08 PG	225	3000	2.03	2	
GDK 425 08 PG	250	3000	2.18	2	
GDK 430 08 PG	300	3000	2.50	2	
GDK ... H40		1.0mm			
GDK 405 10 PG	50	3000	1.15	2	
GDK 407 10 PG	75	3000	1.35	2	
GDK 410 10 PG	100	3000	1.54	2	
GDK 412 10 PG	125	3000	1.74	2	
GDK 415 10 PG	150	3000	1.94	2	
GDK 420 10 PG	200	3000	2.33	2	
GDK 422 10 PG	225	3000	2.52	2	
GDK 425 10 PG	250	3000	2.72	2	
GDK 430 10 PG	300	3000	3.11	2	
GDK 440 10 PG	400	3000	3.90	2	
GDK ... H40		1.2mm			
GDK 445 12 PG	450	3000	5.15	2	
GDK 450 12 PG	500	3000	5.62	2	
GDK 460 12 PG	600	3000	6.56	2	

MATERIAL

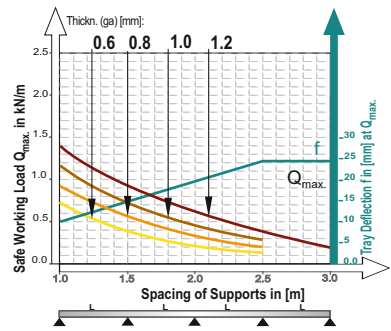
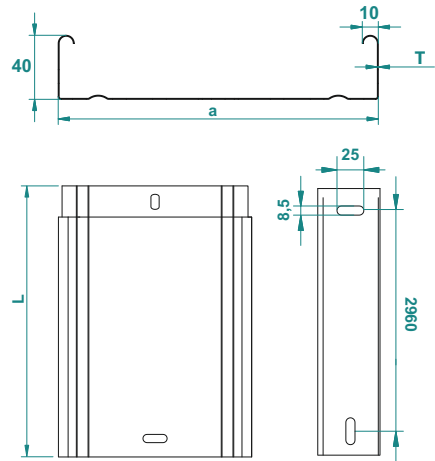
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: **0.6 | 0.7 | 0.8 | 1.0 | 1.2**

Mounting Example



GDK H40



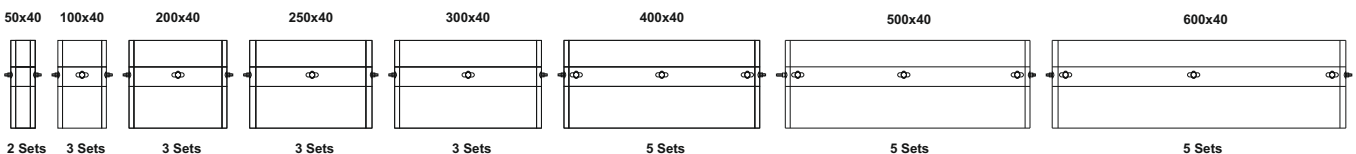
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	18 cm ²
100	38 cm ²
150	58 cm ²
200	78 cm ²
300	118 cm ²
400	158 cm ²
500	198 cm ²
600	238 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

W	H	40	50	60	75	80	85	100
		50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

90° Horizontal Bend of Cable Tray

90° хоризонтално огъване на кабелна скара



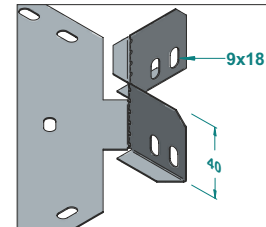
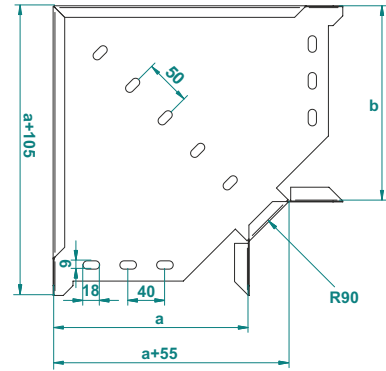
Pre - Galvanized

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90 ... H40		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 405 08 PG	50	0.17	1
KA90 407 08 PG	75	0.23	1
KA90 410 08 PG	100	0.35	1
KA90 412 08 PG	125	0.42	1
KA90 415 08 PG	150	0.49	1
KA90 420 08 PG	200	0.67	1
KA90 ... H40		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 405 10 PG	50	0.22	1
KA90 407 10 PG	75	0.29	1
KA90 410 10 PG	100	0.44	1
KA90 412 10 PG	125	0.53	1
KA90 415 10 PG	150	0.62	1
KA90 420 10 PG	200	0.84	1
KA90 422 10 PG	225	0.95	1
KA90 425 10 PG	250	1.08	1
KA90 430 10 PG	300	1.40	1
KA90 440 10 PG	400	2.03	1

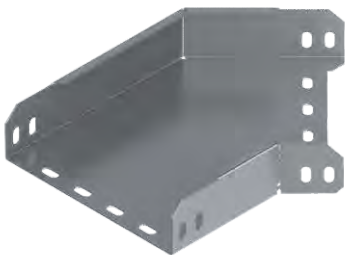
KA90 ... H40		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 430 12 PG	300	1.74	1
KA90 440 12 PG	400	2.54	1
KA90 445 12 PG	450	2.99	1
KA90 450 12 PG	500	3.49	1
KA90 460 12 PG	600	4.58	1
KA90 ... H40		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 405 15 PG	50	0.34	1
KA90 407 15 PG	75	0.43	1
KA90 410 15 PG	100	0.66	1
KA90 412 15 PG	125	0.79	1
KA90 415 15 PG	150	0.94	1
KA90 420 15 PG	200	1.26	1
KA90 422 15 PG	225	1.43	1
KA90 425 15 PG	250	1.62	1
KA90 430 15 PG	300	2.17	1
KA90 440 15 PG	400	3.17	1
KA90 445 15 PG	450	3.74	1
KA90 450 15 PG	500	4.35	1
KA90 460 15 PG	600	5.73	1

KA90 H40



45° Horizontal Bend of Cable Tray

45° хоризонтално огъване на кабелна скара



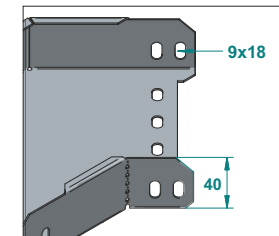
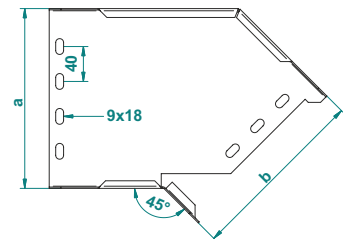
Pre - Galvanized

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA45 ... H40		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 405 08 PG	50	0.18	1
KA45 407 08 PG	75	0.24	1
KA45 410 08 PG	100	0.29	1
KA45 412 08 PG	125	0.39	1
KA45 415 08 PG	150	0.46	1
KA45 420 08 PG	200	0.63	1
KA45 ... H40		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 405 10 PG	50	0.23	1
KA45 407 10 PG	75	0.30	1
KA45 410 10 PG	100	0.37	1
KA45 412 10 PG	125	0.49	1
KA45 415 10 PG	150	0.58	1
KA45 420 10 PG	200	0.79	1
KA45 422 10 PG	225	0.91	1
KA45 425 10 PG	250	1.03	1
KA45 430 10 PG	300	1.26	1
KA45 440 10 PG	400	1.87	1

KA45 ... H40		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 430 12 PG	300	1.57	1
KA45 440 12 PG	400	2.34	1
KA45 445 12 PG	450	2.78	1
KA45 450 12 PG	500	3.26	1
KA45 460 12 PG	600	4.33	1
KA45 ... H40		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 405 15 PG	50	0.34	1
KA45 407 15 PG	75	0.45	1
KA45 410 15 PG	100	0.65	1
KA45 412 15 PG	125	0.73	1
KA45 415 15 PG	150	0.87	1
KA45 420 15 PG	200	1.18	1
KA45 422 15 PG	225	1.36	1
KA45 425 15 PG	250	1.55	1
KA45 430 15 PG	300	1.96	1
KA45 440 15 PG	400	2.92	1
KA45 445 15 PG	450	3.47	1
KA45 450 15 PG	500	4.07	1
KA45 460 15 PG	600	5.41	1

KA45 H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

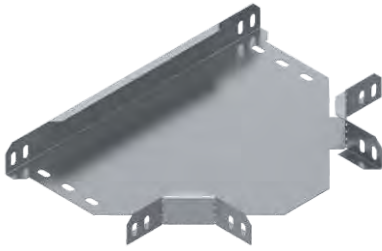
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6** 0.8 1.0 1.2 1.5

Tee Horizontal Bend of Cable Tray

T-образно хоризонтално огъване на кабелна скара



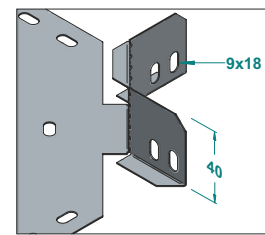
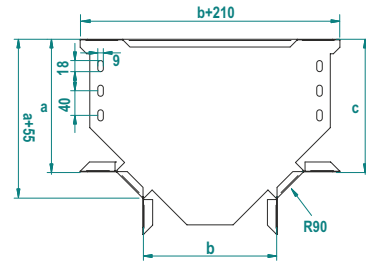
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanized

KAT ... H40		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 405 08 PG	50	0.22	1
KAT 407 08 PG	75	0.28	1
KAT 410 08 PG	100	0.43	1
KAT 412 08 PG	125	0.51	1
KAT 415 08 PG	150	0.59	1
KAT 420 08 PG	200	0.78	1
KAT ... H40		1.0mm	
KAT 405 10 PG	50	0.28	1
KAT 407 10 PG	75	0.35	1
KAT 410 10 PG	100	0.54	1
KAT 412 10 PG	125	0.64	1
KAT 415 10 PG	150	0.74	1
KAT 420 10 PG	200	0.98	1
KAT 422 10 PG	225	1.10	1
KAT 425 10 PG	250	1.24	1
KAT 430 10 PG	300	1.63	1
KAT 440 10 PG	400	2.32	1

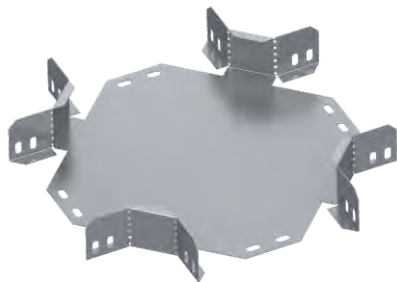
KAT ... H40		1.2mm	
CODE	Width a=b=C mm	kg 1 pc	pcs
KAT 430 12 PG	300	2.04	1
KAT 440 12 PG	400	2.90	1
KAT 445 12 PG	450	3.39	1
KAT 450 12 PG	500	3.92	1
KAT 460 12 PG	600	5.09	1
KAT ... H40		1.5mm	
KAT 405 15 PG	50	0.42	1
KAT 407 15 PG	75	0.53	1
KAT 410 15 PG	100	0.81	1
KAT 412 15 PG	125	0.96	1
KAT 415 15 PG	150	1.11	1
KAT 420 15 PG	200	1.46	1
KAT 422 15 PG	225	1.66	1
KAT 425 15 PG	250	1.86	1
KAT 430 15 PG	300	2.55	1
KAT 440 15 PG	400	3.63	1
KAT 445 15 PG	450	4.24	1
KAT 450 15 PG	500	4.90	1
KAT 460 15 PG	600	6.35	1

KAT H40



Cross Bend of Cable Tray

Напречно огъване на кабелна скара



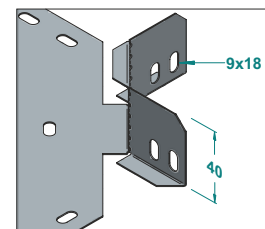
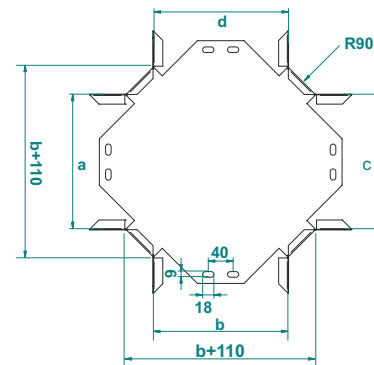
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanized

KAD ... H40		0.8mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 405 08 PG	50	0.27	1
KAD 407 08 PG	75	0.33	1
KAD 410 08 PG	100	0.52	1
KAD 412 08 PG	125	0.61	1
KAD 415 08 PG	150	0.70	1
KAD 420 08 PG	200	0.91	1
KAD ... H40		1.0mm	
KAD 405 10 PG	50	0.34	1
KAD 407 10 PG	75	0.42	1
KAD 410 10 PG	100	0.66	1
KAD 412 10 PG	125	0.77	1
KAD 415 10 PG	150	0.88	1
KAD 420 10 PG	200	1.14	1
KAD 422 10 PG	225	1.27	1
KAD 425 10 PG	250	1.42	1
KAD 430 10 PG	300	1.98	1
KAD 440 10 PG	400	2.67	1

KAD ... H40		1.2mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 430 12 PG	300	2.41	1
KAD 440 12 PG	400	3.34	1
KAD 445 12 PG	450	3.86	1
KAD 450 12 PG	500	4.41	1
KAD 460 12 PG	600	5.64	1
KAD ... H40		1.5mm	
KAD 405 15 PG	50	0.52	1
KAD 407 15 PG	75	0.64	1
KAD 410 15 PG	100	0.99	1
KAD 412 15 PG	125	1.15	1
KAD 415 15 PG	150	1.33	1
KAD 420 15 PG	200	1.70	1
KAD 422 15 PG	225	1.90	1
KAD 425 15 PG	250	2.13	1
KAD 430 15 PG	300	3.01	1
KAD 440 15 PG	400	4.17	1
KAD 445 15 PG	450	4.82	1
KAD 450 15 PG	500	5.51	1
KAD 460 15 PG	600	7.05	1

KAD H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



Pre - Galvanized

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KADB ... H40		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KADB 405 08 PG	50	600	0.46	1	1
KADB 407 08 PG	75	600	0.53	1	1
KADB 410 08 PG	100	600	0.62	1	1
KADB 412 08 PG	125	600	0.69	1	1
KADB 415 08 PG	150	600	0.77	1	1
KADB 420 08 PG	200	600	0.93	1	1
		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KADB 405 10 PG	50	600	0.58	1	1
KADB 407 10 PG	75	600	0.67	1	1
KADB 410 10 PG	100	600	0.78	1	1
KADB 412 10 PG	125	600	0.87	1	1
KADB 415 10 PG	150	600	0.97	1	1
KADB 420 10 PG	200	600	1.17	1	1
KADB 422 10 PG	225	600	1.26	1	1
KADB 425 10 PG	250	600	1.36	1	1
KADB 430 10 PG	300	600	1.50	1	1
KADB 440 10 PG	400	600	2.25	1	1

KADB ... H40		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KADB 430 12 PG	300	600	1.87	1	1
KADB 440 12 PG	400	600	2.81	1	1
KADB 445 12 PG	450	600	3.09	1	1
KADB 450 12 PG	500	600	3.38	1	1
KADB 460 12 PG	600	600	3.94	1	1
		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KADB 405 15 PG	50	600	0.85	1	1
KADB 407 15 PG	75	600	1.00	1	1
KADB 410 15 PG	100	600	1.14	1	1
KADB 412 15 PG	125	600	1.30	1	1
KADB 415 15 PG	150	600	1.44	1	1
KADB 420 15 PG	200	600	1.74	1	1
KADB 422 15 PG	225	600	1.88	1	1
KADB 425 15 PG	250	600	2.03	1	1
KADB 430 15 PG	300	600	2.32	1	1
KADB 440 15 PG	400	600	3.50	1	1
KADB 445 15 PG	450	600	3.85	1	1
KADB 450 15 PG	500	600	4.20	1	1
KADB 460 15 PG	600	600	4.90	1	1

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



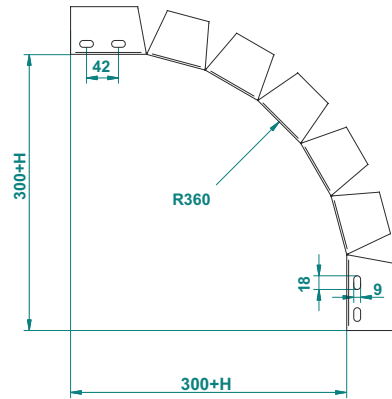
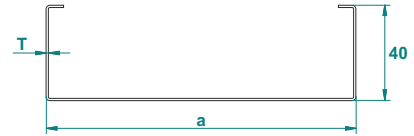
Pre - Galvanized

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KAIB ... H40		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KAIB 405 08 PG	50	600	0.46	1	1
KAIB 407 08 PG	75	600	0.53	1	1
KAIB 410 08 PG	100	600	0.62	1	1
KAIB 412 08 PG	125	600	0.69	1	1
KAIB 415 08 PG	150	600	0.77	1	1
KAIB 420 08 PG	200	600	0.93	1	1
		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KAIB 405 10 PG	50	600	0.58	1	1
KAIB 407 10 PG	75	600	0.67	1	1
KAIB 410 10 PG	100	600	0.78	1	1
KAIB 412 10 PG	125	600	0.87	1	1
KAIB 415 10 PG	150	600	0.97	1	1
KAIB 420 10 PG	200	600	1.17	1	1
KAIB 422 10 PG	225	600	1.26	1	1
KAIB 425 10 PG	250	600	1.36	1	1
KAIB 430 10 PG	300	600	1.50	1	1
KAIB 440 10 PG	400	600	2.25	1	1

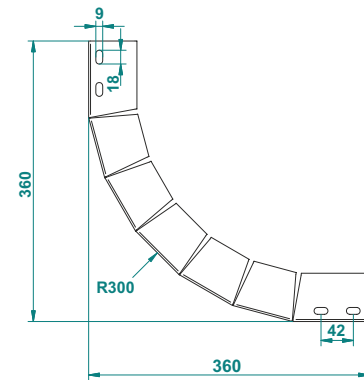
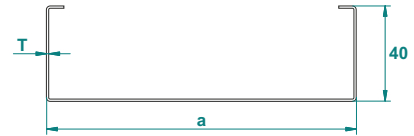
KAIB ... H40		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KAIB 430 12 PG	300	600	1.87	1	1
KAIB 440 12 PG	400	600	2.81	1	1
KAIB 445 12 PG	450	600	3.09	1	1
KAIB 450 12 PG	500	600	3.38	1	1
KAIB 460 12 PG	600	600	3.94	1	1
		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	1 pc	1 pc	1 pc
KAIB 405 15 PG	50	600	0.85	1	1
KAIB 407 15 PG	75	600	1.00	1	1
KAIB 410 15 PG	100	600	1.14	1	1
KAIB 412 15 PG	125	600	1.30	1	1
KAIB 415 15 PG	150	600	1.44	1	1
KAIB 420 15 PG	200	600	1.74	1	1
KAIB 422 15 PG	225	600	1.88	1	1
KAIB 425 15 PG	250	600	2.03	1	1
KAIB 430 15 PG	300	600	2.32	1	1
KAIB 440 15 PG	400	600	3.50	1	1
KAIB 445 15 PG	450	600	3.85	1	1
KAIB 450 15 PG	500	600	4.20	1	1
KAIB 460 15 PG	600	600	4.90	1	1

KADB H40



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KAIB H40



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

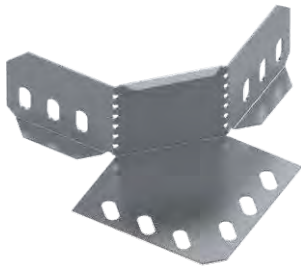
Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Add On 90° Horizontal Corner Bend of Cable Tray

Добавяне - 90° хоризонтално ъглово огъване на кабелна скарата



Pre - Galvanized

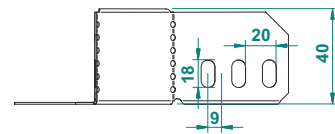
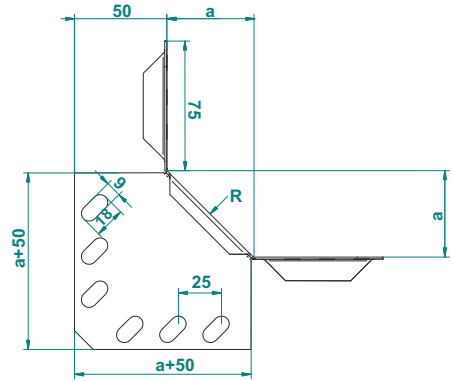
KA90E ... H40		0.8mm		Kg 1pc	pcs
CODE	a mm	Radius R mm			
KA90E 4 08 PG	55	90	0.11	1	
KA90ER1 4 08 PG	90	150	0.17	1	
KA90ER2 4 08 PG	180	300	0.39	1	
		1.0mm			
KA90E 4 10 PG	55	90	0.14	1	
KA90ER1 4 10 PG	90	150	0.22	1	
KA90ER2 4 10 PG	180	300	0.49	1	

Important!

To install cable tray - bend use Screw Sets CFS M6 or CFS M8

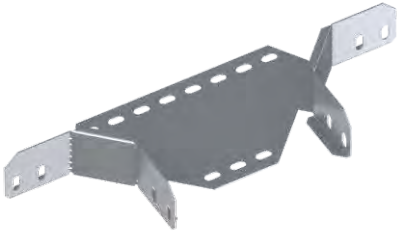
KA90E ... H40		1.5mm		Kg 1pc	pcs
CODE	a mm	Radius R mm			
KA90E 4 15 PG	55	90	0.22	1	
KA90ER1 4 15 PG	90	150	0.34	1	
KA90ER2 4 15 PG	180	300	0.73	1	

KA90 E H40



Add on tee horizontal bend

Допълнителна Т-образна хоризонтална чупка



Pre - Galvanized

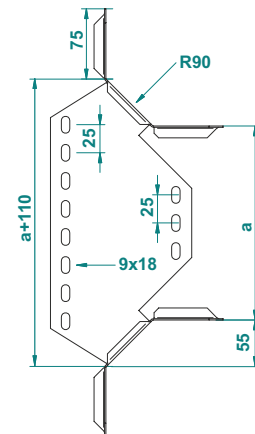
KATE ... H40		0.8mm		Kg 1pc	pcs
CODE	Width a mm	Radius R mm			
KATE 410 08 PG	100	90	0.26	1	
KATE 412 08 PG	125	90	0.28	1	
KATE 415 08 PG	150	90	0.30	1	
KATE 420 08 PG	200	90	0.33	1	
		1.0mm			
KATE 410 10 PG	100	90	0.33	1	
KATE 412 10 PG	125	90	0.35	1	
KATE 415 10 PG	150	90	0.38	1	
KATE 420 10 PG	200	90	0.42	1	
KATE 422 10 PG	225	90	0.45	1	
KATE 425 10 PG	250	90	0.47	1	
		1.2mm			
KATE 430 12 PG	300	90	0.62	1	
KATE 440 12 PG	400	90	0.74	1	
KATE 445 12 PG	450	90	0.79	1	
KATE 450 12 PG	500	90	0.85	1	
KATE 460 12 PG	600	90	0.96	1	

Important!

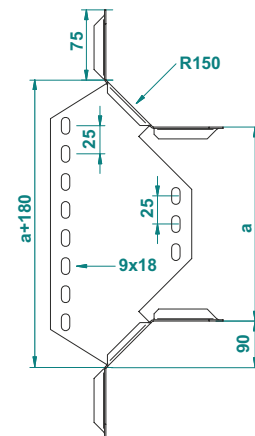
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KATER1 ... H40		1.5mm		Kg 1pc	pcs
CODE	Width a mm	Radius R mm			
KATER1 410 15 PG	100	150	0.99	1	
KATER1 412 15 PG	125	150	1.05	1	
KATER1 415 15 PG	150	150	1.1	1	
KATER1 420 15 PG	200	150	1.22	1	
KATER1 422 15 PG	225	150	1.28	1	
KATER1 425 15 PG	250	150	1.34	1	
KATER1 430 15 PG	300	150	1.46	1	
KATER1 440 15 PG	400	150	1.7	1	
KATER1 445 15 PG	450	150	1.82	1	
KATER1 450 15 PG	500	150	1.93	1	
KATER1 460 15 PG	600	150	2.17	1	

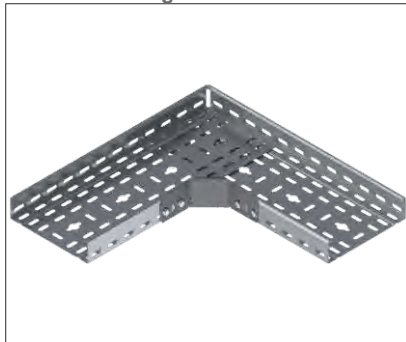
KATE H40



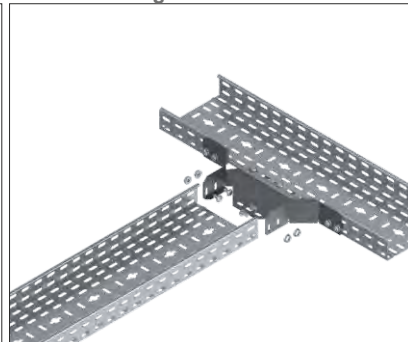
KATER1 H40



KA90E Mounting



KATE Mounting



APPLICATIONS
Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

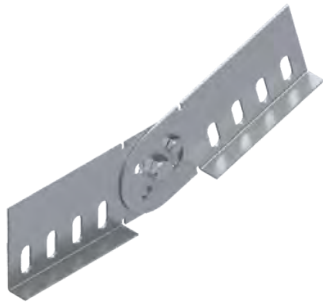
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 0.8 1.0 1.2 1.5

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.)

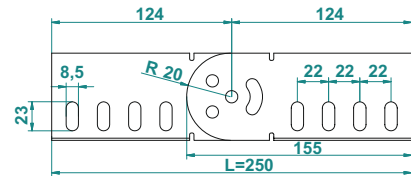


To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanized

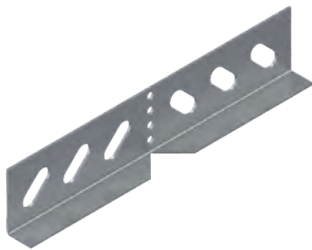
BDD 2 ... H40				BDD 2 ... H40			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BDD 240 12 PG	250	0.14	50	BDD 240 15 PG	250	0.17	50

BDD 2 H40



Adjustable Horizontal Connector

Регулируем хоризонтален конектор

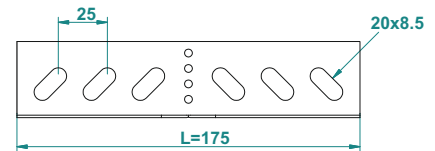
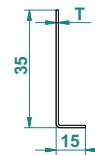


To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanized

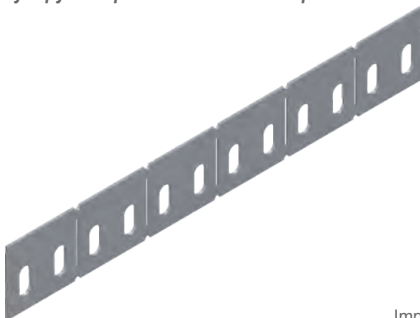
BYD 2 ... H40				BYD 2 ... H40			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYD 240 12 PG	175	0.08	100	BYD 240 15 PG	175	0.1	100

BYD 2 H40



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг

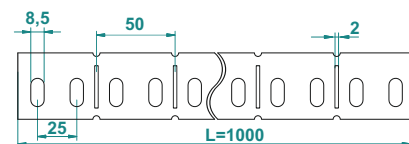


Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

Pre - Galvanized

BYDU 1 ... H40				BYDU 1 ... H40			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYDU 140 12 PG	1000	0.3	100	BYDU 140 15 PG	1000	0.38	100

BYDU 1 H40



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

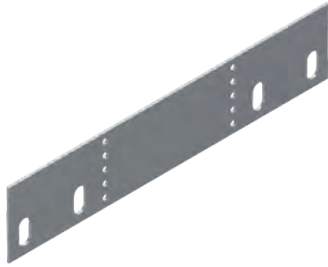
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Reducer Connector - Single Type

Съединител за редуктор - Единичен тип



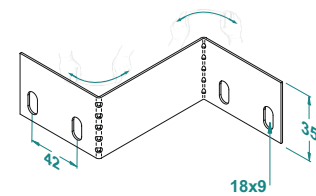
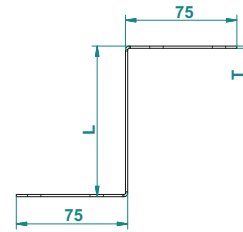
Pre - Galvanized

Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

RT ... H40		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 40 25 15 PG	25	0,074	1
RT 40 50 15 PG	50	0,085	1
RT 40 75 15 PG	75	0,095	1
RT 40 100 15 PG	100	0,106	1
RT 40 125 15 PG	125	0,117	1
RT 40 150 15 PG	150	0,127	1
RT 40 175 15 PG	175	0,138	1
RT 40 200 15 PG	200	0,149	1
RT 40 225 15 PG	225	0,159	1
RT 40 250 15 PG	250	0,169	1
RT 40 275 15 PG	275	0,18	1
RT 40 300 15 PG	300	0,191	1

RT ... H40		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 40 325 15 PG	325	0,224	1
RT 40 350 15 PG	350	0,236	1
RT 40 375 15 PG	375	0,247	1
RT 40 400 15 PG	400	0,259	1
RT 40 425 15 PG	425	0,271	1
RT 40 450 15 PG	450	0,283	1
RT 40 475 15 PG	475	0,294	1
RT 40 500 15 PG	500	0,306	1
RT 40 525 15 PG	525	0,318	1
RT 40 550 15 PG	550	0,330	1
RT 40 575 15 PG	575	0,342	1

RT H40



Stop End (Blind End)

Завършващо парче



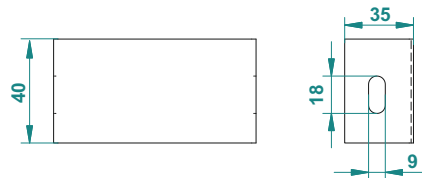
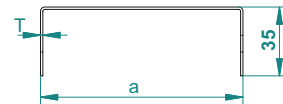
Pre - Galvanized

Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

SON ... H40		1.2mm	
CODE	Width a mm	kg 1 pc	pcs
SON 405 12 PG	50	0,058	1
SON 407 12 PG	75	0,066	1
SON 410 12 PG	100	0,075	1
SON 412 12 PG	125	0,083	1
SON 415 12 PG	150	0,092	1
SON 420 12 PG	200	0,109	1
SON 422 12 PG	225	0,117	1
SON 425 12 PG	250	0,125	1
SON 430 12 PG	300	0,142	1
SON 440 12 PG	400	0,176	1
SON 445 12 PG	450	0,194	1
SON 450 12 PG	500	0,211	1
SON 460 12 PG	600	0,244	1

SON ... H40		1.5mm	
CODE	Width a mm	kg 1 pc	pcs
SON 405 15 PG	50	0,072	1
SON 407 15 PG	75	0,083	1
SON 410 15 PG	100	0,094	1
SON 412 15 PG	125	0,104	1
SON 415 15 PG	150	0,114	1
SON 420 15 PG	200	0,136	1
SON 422 15 PG	225	0,146	1
SON 425 15 PG	250	0,157	1
SON 430 15 PG	300	0,178	1
SON 440 15 PG	400	0,221	1
SON 445 15 PG	450	0,241	1
SON 450 15 PG	500	0,263	1
SON 460 15 PG	600	0,305	1

SON H40



APPLICATIONS
Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

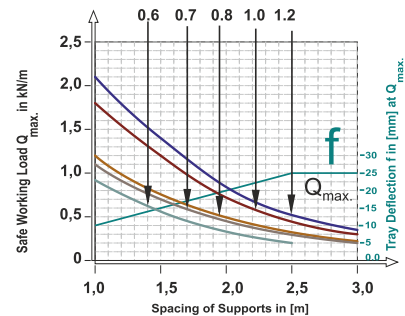
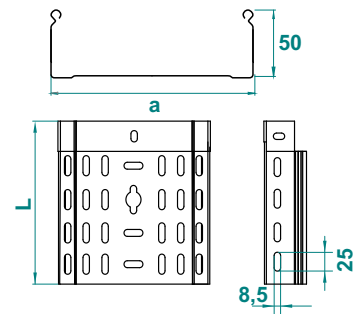
Pre - Galvanised

FPK ... H50					0.6mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 505 06 PG	50	3000	0.64	2		
FPK 507 06 PG	75	3000	0.73	2		
FPK 510 06 PG	100	3000	0.82	2		
FPK 512 06 PG	125	3000	0.92	2		
FPK 515 06 PG	150	3000	1.02	2		
FPK 520 06 PG	200	3000	1.20	2		
FPK ... H50					0.7mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 505 07 PG	50	3000	0.80	2		
FPK 507 07 PG	75	3000	0.91	2		
FPK 510 07 PG	100	3000	1.02	2		
FPK 512 07 PG	125	3000	1.14	2		
FPK 515 07 PG	150	3000	1.26	2		
FPK 520 07 PG	200	3000	1.49	2		
FPK ... H50					0.8mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 505 08 PG	50	3000	0.84	2		
FPK 507 08 PG	75	3000	0.97	2		
FPK 510 08 PG	100	3000	1.10	2		
FPK 512 08 PG	125	3000	1.22	2		
FPK 515 08 PG	150	3000	1.34	2		
FPK 520 08 PG	200	3000	1.60	2		
FPK 522 08 PG	225	3000	1.72	2		
FPK 525 08 PG	250	3000	1.85	2		
FPK 530 08 PG	300	3000	2.10	2		

FPK ... H50					1.0mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 505 10 PG	50	3000	1.05	2		
FPK 507 10 PG	75	3000	1.20	2		
FPK 510 10 PG	100	3000	1.36	2		
FPK 512 10 PG	125	3000	1.52	2		
FPK 515 10 PG	150	3000	1.67	2		
FPK 520 10 PG	200	3000	1.99	2		
FPK 522 10 PG	225	3000	2.14	2		
FPK 525 10 PG	250	3000	2.30	2		
FPK 530 10 PG	300	3000	2.62	2		
FPK 540 10 PG	400	3000	3.25	2		
FPK 545 10 PG	450	3000	3.41	2		
FPK 550 10 PG	500	3000	3.72	2		
FPK 560 10 PG	600	3000	4.32	2		
FPK ... H50					1.2mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 545 12 PG	450	3000	4.27	2		
FPK 550 12 PG	500	3000	4.65	2		
FPK 560 12 PG	600	3000	5.40	2		

FPK ... H50					0.5mm	
CODE	Width a mm	Length L mm	kg 1 pc	pcs		
FPK 505 05 PG	50	3000	0.52	2		
FPK 510 05 PG	100	3000	0.68	2		

FPK H50



Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2**

Бързо фиксиране на капаката
Кликнете тип

Защита на кръгъл фланец
Сила

Интегриран край
Бърза връзка без двойка

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections									
Width Of Cable Tray	W	H	40	50	60	75	80	85	100
	50	2 Sets	2 Sets	2 Sets	-	-	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Integrated Perforated Cable Trays - Return Flanges

Geşmeli Tip Kablo Kanalı - Интегрированные Перфорированные лотки



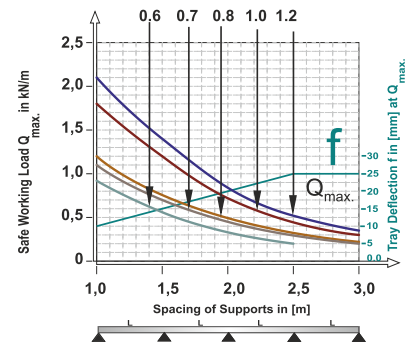
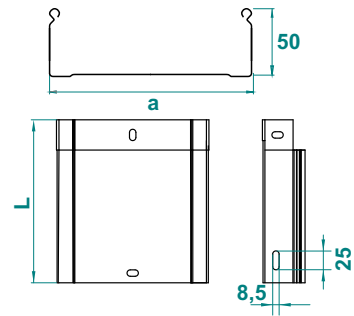
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FDK ... H50		0.6mm			
CODE	Width a mm	Length L mm	kg / 1 pc	pcs	
FDK 505 06 PG	50	3000	0.80	2	
FDK 507 06 PG	75	3000	0.91	2	
FDK 510 06 PG	100	3000	1.03	2	
FDK 512 06 PG	125	3000	1.15	2	
FDK 515 06 PG	150	3000	1.27	2	
FDK 520 06 PG	200	3000	1.50	2	
		0.7mm			
FDK 505 07 PG	50	3000	0.93	2	
FDK 507 07 PG	75	3000	1.07	2	
FDK 510 07 PG	100	3000	1.20	2	
FDK 512 07 PG	125	3000	1.34	2	
FDK 515 07 PG	150	3000	1.48	2	
FDK 520 07 PG	200	3000	1.75	2	
		0.8mm			
FDK 505 08 PG	50	3000	1.05	2	
FDK 507 08 PG	75	3000	1.21	2	
FDK 510 08 PG	100	3000	1.37	2	
FDK 512 08 PG	125	3000	1.52	2	
FDK 515 08 PG	150	3000	1.68	2	
FDK 520 08 PG	200	3000	2.00	2	
FDK 522 08 PG	225	3000	2.15	2	
FDK 525 08 PG	250	3000	2.31	2	
FDK 530 08 PG	300	3000	2.62	2	

FPK ... H50		1.0mm			
CODE	Width a mm	Length L mm	kg / 1 pc	pcs	
FDK 505 10 PG	50	3000	1.31	2	
FDK 507 10 PG	75	3000	1.50	2	
FDK 510 10 PG	100	3000	1.70	2	
FDK 512 10 PG	125	3000	1.90	2	
FDK 515 10 PG	150	3000	2.09	2	
FDK 520 10 PG	200	3000	2.49	2	
FDK 522 10 PG	225	3000	2.68	2	
FDK 525 10 PG	250	3000	2.88	2	
FDK 530 10 PG	300	3000	3.27	2	
FDK 540 10 PG	400	3000	4.06	2	
FDK 545 10 PG	450	3000	4.27	2	
FDK 550 10 PG	500	3000	4.64	2	
FDK 560 10 PG	600	3000	5.40	2	
		1.2mm			
FDK 545 12 PG	450	3000	5.34	2	
FDK 550 12 PG	500	3000	5.81	2	
FDK 560 12 PG	600	3000	6.75	2	
		0.5mm			
CODE	Width a mm	Length L mm	kg / 1 pc	pcs	
FDK 505 05 PG	50	3000	0.65	2	
FDK 510 05 PG	100	3000	0.85	2	

FPK H50



Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm)} / \text{Max. deflection} = L/100$
 Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

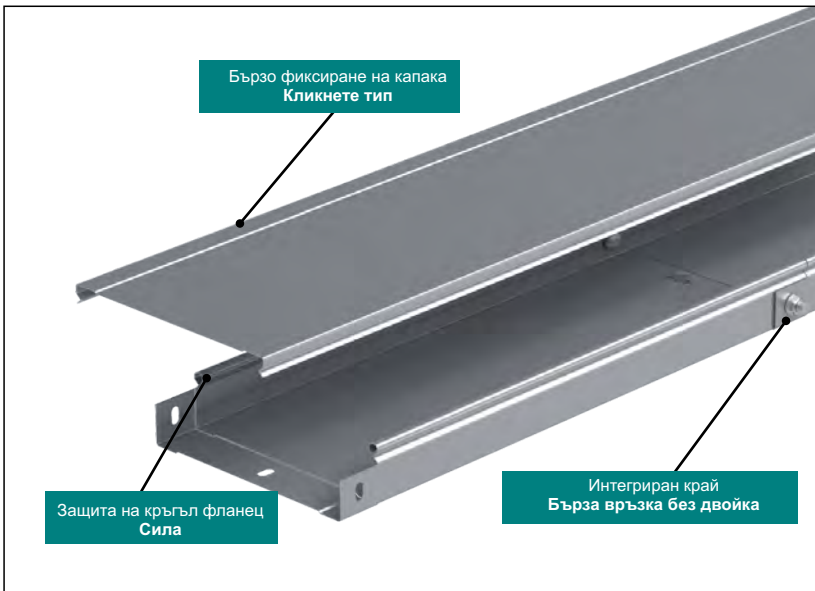
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2**



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections		40	50	60	75	80	85	100
Width of Cable Tray	W							
	50	2 Sets	2 Sets	2 Sets	-	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	



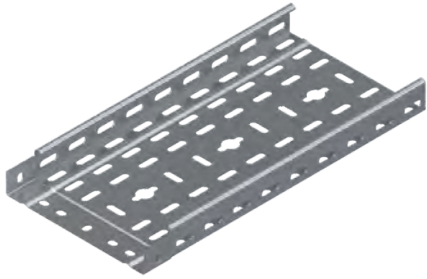
Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GPK ... H50		0.6mm	
CODE	Width a mm	Length L mm	kg 1 mt pcs
GPK 505 06 PG	50	3000	0.64 2
GPK 507 06 PG	75	3000	0.73 2
GPK 510 06 PG	100	3000	0.82 2
GPK 512 06 PG	125	3000	0.92 2
GPK 515 06 PG	150	3000	1.02 2
GPK 520 06 PG	200	3000	1.20 2
GPK ... H50		0.7mm	
CODE	Width a mm	Length L mm	kg 1 mt pcs
GPK 505 07 PG	50	3000	0.80 2
GPK 507 07 PG	75	3000	0.91 2
GPK 510 07 PG	100	3000	1.02 2
GPK 512 07 PG	125	3000	1.14 2
GPK 515 07 PG	150	3000	1.26 2
GPK 520 07 PG	200	3000	1.49 2

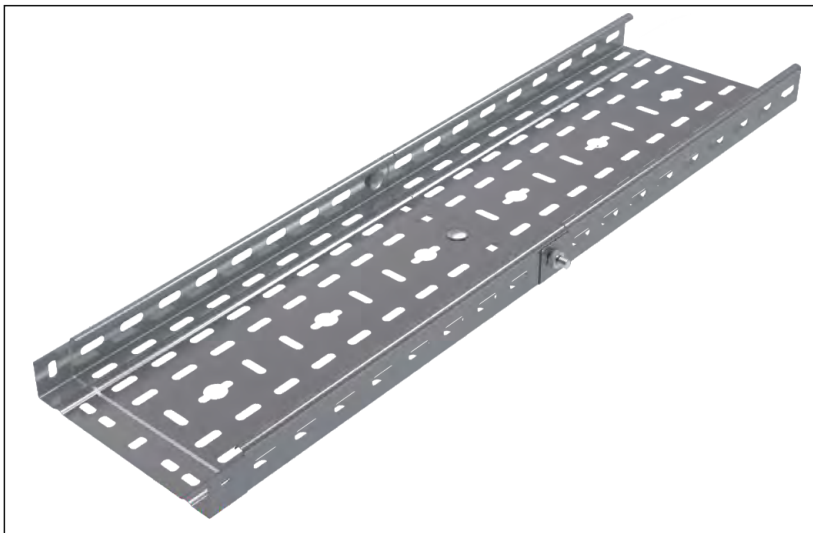
GPK ... H50		0.8mm	
CODE	Width a mm	Length L mm	kg 1 mt pcs
GPK 505 08 PG	50	3000	0.84 2
GPK 507 08 PG	75	3000	0.97 2
GPK 510 08 PG	100	3000	1.10 2
GPK 512 08 PG	125	3000	1.22 2
GPK 515 08 PG	150	3000	1.34 2
GPK 520 08 PG	200	3000	1.60 2
GPK 522 08 PG	225	3000	1.72 2
GPK 525 08 PG	250	3000	1.85 2
GPK 530 08 PG	300	3000	2.10 2
GPK ... H50		1.0mm	
CODE	Width a mm	Length L mm	kg 1 mt pcs
GPK 505 10 PG	50	3000	1.05 2
GPK 507 10 PG	75	3000	1.20 2
GPK 510 10 PG	100	3000	1.36 2
GPK 512 10 PG	125	3000	1.52 2
GPK 515 10 PG	150	3000	1.67 2
GPK 520 10 PG	200	3000	1.99 2
GPK 522 10 PG	225	3000	2.14 2
GPK 525 10 PG	250	3000	2.30 2
GPK 530 10 PG	300	3000	2.62 2
GPK 540 10 PG	400	3000	3.25 2
GPK ... H50		1.2mm	
CODE	Width a mm	Length L mm	kg 1 mt pcs
GPK 545 12 PG	450	3000	4.27 2
GPK 550 12 PG	500	3000	4.65 2
GPK 560 12 PG	600	3000	5.40 2

MATERIAL

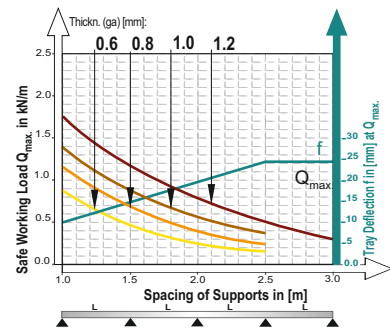
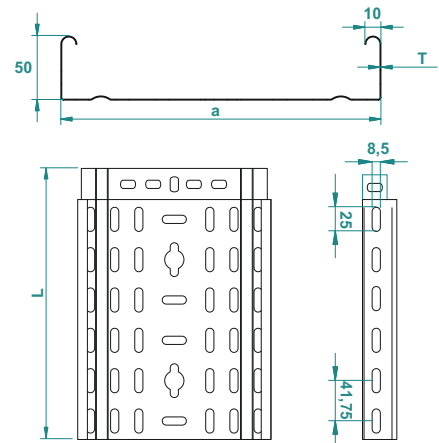
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: 0.6 | 0.7 | 0.8 | 1.0 | 1.2

Mounting Example



GPK H50



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safety co-efficient = 1.5

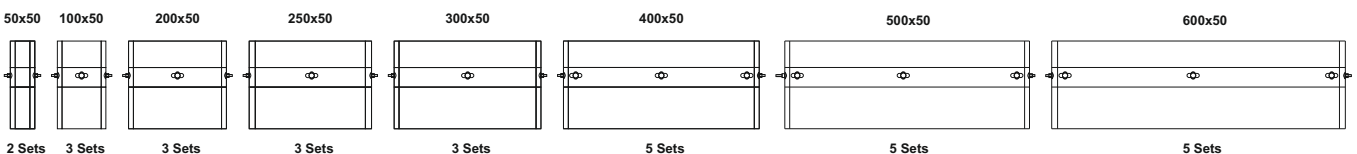


Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Integrated Non Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GDK ... H50		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 505 06 PG	50	3000	0.80	2	
GDK 507 06 PG	75	3000	0.91	2	
GDK 510 06 PG	100	3000	1.03	2	
GDK 512 06 PG	125	3000	1.15	2	
GDK 515 06 PG	150	3000	1.27	2	
GDK 520 06 PG	200	3000	1.5	2	
GDK ... H50		0.7mm			
GDK 505 07 PG	50	3000	0.93	2	
GDK 507 07 PG	75	3000	1.07	2	
GDK 510 07 PG	100	3000	1.20	2	
GDK 512 07 PG	125	3000	1.34	2	
GDK 515 07 PG	150	3000	1.48	2	
GDK 520 07 PG	200	3000	1.75	2	

GDK ... H50		0.8mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 505 08 PG	50	3000	1.05	2	
GDK 507 08 PG	75	3000	1.21	2	
GDK 510 08 PG	100	3000	1.37	2	
GDK 512 08 PG	125	3000	1.52	2	
GDK 515 08 PG	150	3000	1.68	2	
GDK 520 08 PG	200	3000	2.00	2	
GDK 522 08 PG	225	3000	2.15	2	
GDK 525 08 PG	250	3000	2.31	2	
GDK 530 08 PG	300	3000	2.62	2	
GDK ... H50		1.0mm			
GDK 505 10 PG	50	3000	1.31	2	
GDK 507 10 PG	75	3000	1.50	2	
GDK 510 10 PG	100	3000	1.70	2	
GDK 512 10 PG	125	3000	1.90	2	
GDK 515 10 PG	150	3000	2.09	2	
GDK 520 10 PG	200	3000	2.49	2	
GDK 522 10 PG	225	3000	2.68	2	
GDK 525 10 PG	250	3000	2.88	2	
GDK 530 10 PG	300	3000	3.27	2	
GDK 540 10 PG	400	3000	4.06	2	
GDK ... H50		1.2mm			
GDK 545 12 PG	450	3000	5.34	2	
GDK 550 12 PG	500	3000	5.81	2	
GDK 560 12 PG	600	3000	6.75	2	

MATERIAL

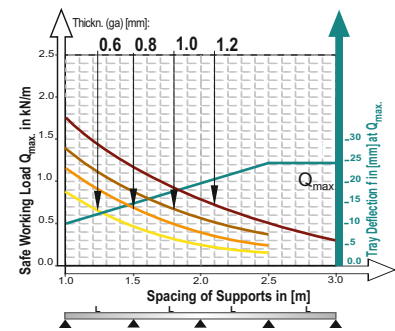
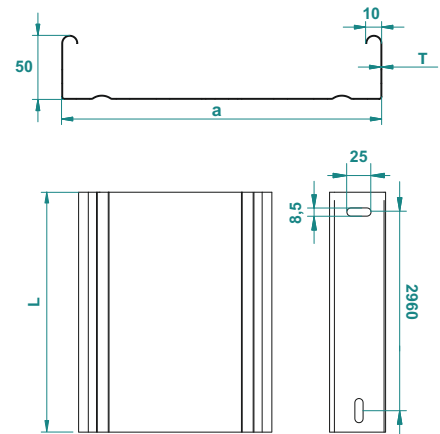
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: **0.6 | 0.7 | 0.8 | 1.0 | 1.2**

Mounting Example



GDK H50



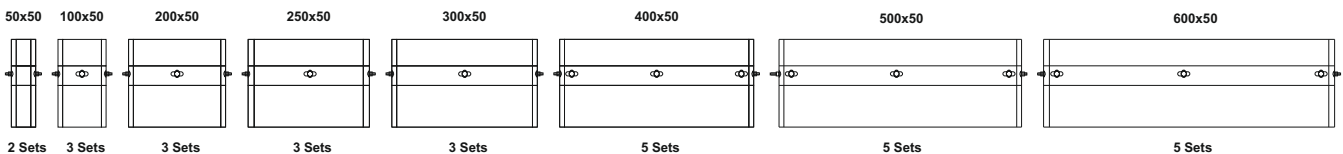
This diagram comply with IEC 61537 with connection to 1/5
of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

W	H	40	50	60	75	80	85	100
		50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

APK ... H50		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 505 06 PG	50	3000	0.64	2	
APK 507 06 PG	75	3000	0.73	2	
APK 510 06 PG	100	3000	0.82	2	
APK 512 06 PG	125	3000	0.92	2	
APK 515 06 PG	150	3000	1.02	2	
APK 520 06 PG	200	3000	1.20	2	
APK ... H50		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 505 08 PG	50	3000	0.84	2	
APK 507 08 PG	75	3000	0.97	2	
APK 510 08 PG	100	3000	1.10	2	
APK 512 08 PG	125	3000	1.22	2	
APK 515 08 PG	150	3000	1.34	2	
APK 520 08 PG	200	3000	1.60	2	
APK 522 08 PG	225	3000	1.72	2	
APK 525 08 PG	250	3000	1.85	2	
APK 530 08 PG	300	3000	2.10	2	
APK ... H50		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 505 10 PG	50	3000	1.05	2	
APK 507 10 PG	75	3000	1.20	2	
APK 510 10 PG	100	3000	1.36	2	
APK 512 10 PG	125	3000	1.52	2	
APK 515 10 PG	150	3000	1.67	2	
APK 520 10 PG	200	3000	1.99	2	
APK 522 10 PG	225	3000	2.14	2	
APK 525 10 PG	250	3000	2.30	2	
APK 530 10 PG	300	3000	2.62	2	
APK 540 10 PG	400	3000	3.25	2	

APK ... H50		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 505 12 PG	50	3000	1.26	2	
APK 507 12 PG	75	3000	1.44	2	
APK 510 12 PG	100	3000	1.63	2	
APK 512 12 PG	125	3000	1.82	2	
APK 515 12 PG	150	3000	2.01	2	
APK 520 12 PG	200	3000	2.38	2	
APK 522 12 PG	225	3000	2.58	2	
APK 525 12 PG	250	3000	2.76	2	
APK 530 12 PG	300	3000	3.14	2	
APK 540 12 PG	400	3000	3.90	2	
APK 545 12 PG	450	3000	4.27	2	
APK 550 12 PG	500	3000	4.65	2	
APK 560 12 PG	600	3000	5.40	2	
APK ... H50		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 505 15 PG	50	3000	1.55	2	
APK 507 15 PG	75	3000	1.78	2	
APK 510 15 PG	100	3000	2.02	2	
APK 512 15 PG	125	3000	2.26	2	
APK 515 15 PG	150	3000	2.49	2	
APK 520 15 PG	200	3000	2.96	2	
APK 522 15 PG	225	3000	3.20	2	
APK 525 15 PG	250	3000	3.43	2	
APK 530 15 PG	300	3000	3.90	2	
APK 540 15 PG	400	3000	4.85	2	
APK 545 15 PG	450	3000	5.32	2	
APK 550 15 PG	500	3000	5.78	2	
APK 560 15 PG	600	3000	6.73	2	

Straight Connector (Coupler)

Прав конектор



To Install one lenght ;use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

KBE 2 ... H50		1.0mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 250 10 PG	175	0.09	100		

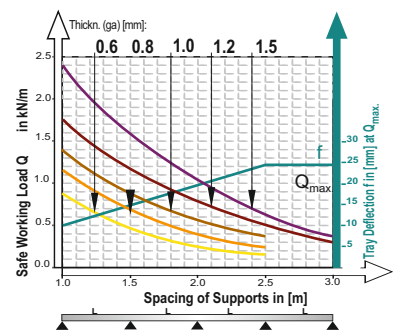
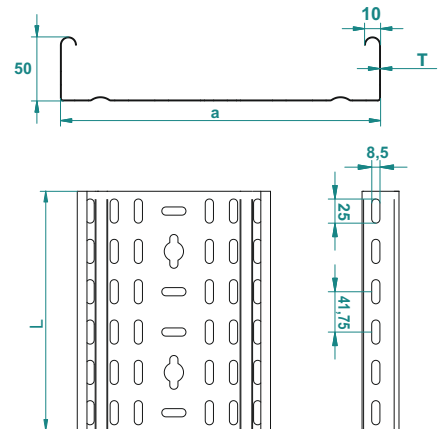
KBE 2 ... H50		1.2mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 250 12 PG	175	0.09	100		
KBE 250 15 PG		1.5mm		kg	pcs
KBE 250 15 PG	175	0.11	100		

Electro - Galvanized

CFS M6		M6		kg	pcs
CODE	Size	Length L mm	1 Set	1 Set	1 Set
CFS M6 EG	M6	15	0.008	500	

CFS M8		M8		kg	pcs
CODE	Size	Length L mm	1 Set	1 Set	1 Set
CFS M8 EG	M8	15	0.014	500	

APK H50

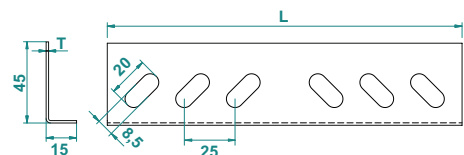


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

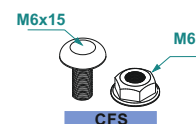
Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²



KBE 2 H50



M6x15 Round head squire neck bolt & M6 Flanged nut



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Non Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци.



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

ADK ... H50		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
ADK 505 06 PG	50	3000	0.80	2	
ADK 507 06 PG	75	3000	0.91	2	
ADK 510 06 PG	100	3000	1.03	2	
ADK 512 06 PG	125	3000	1.15	2	
ADK 515 06 PG	150	3000	1.27	2	
ADK 520 06 PG	200	3000	1.50	2	
		0.8mm			
ADK 505 08 PG	50	3000	1.05	2	
ADK 507 08 PG	75	3000	1.21	2	
ADK 510 08 PG	100	3000	1.37	2	
ADK 512 08 PG	125	3000	1.52	2	
ADK 515 08 PG	150	3000	1.68	2	
ADK 520 08 PG	200	3000	2.00	2	
ADK 522 08 PG	225	3000	2.15	2	
ADK 525 08 PG	250	3000	2.31	2	
ADK 530 08 PG	300	3000	2.62	2	
		1.0mm			
ADK 505 10 PG	50	3000	1.31	2	
ADK 507 10 PG	75	3000	1.50	2	
ADK 510 10 PG	100	3000	1.70	2	
ADK 512 10 PG	125	3000	1.90	2	
ADK 515 10 PG	150	3000	2.09	2	
ADK 520 10 PG	200	3000	2.49	2	
ADK 522 10 PG	225	3000	2.68	2	
ADK 525 10 PG	250	3000	2.88	2	
ADK 530 10 PG	300	3000	3.27	2	
ADK 540 10 PG	400	3000	4.06	2	

ADK ... H50		1.2mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
ADK 505 12 PG	50	3000	1.57	2	
ADK 507 12 PG	75	3000	1.80	2	
ADK 510 12 PG	100	3000	2.04	2	
ADK 512 12 PG	125	3000	2.28	2	
ADK 515 12 PG	150	3000	2.51	2	
ADK 520 12 PG	200	3000	2.98	2	
ADK 522 12 PG	225	3000	3.22	2	
ADK 525 12 PG	250	3000	3.45	2	
ADK 530 12 PG	300	3000	3.92	2	
ADK 540 12 PG	400	3000	4.87	2	
ADK 545 12 PG	450	3000	5.34	2	
ADK 550 12 PG	500	3000	5.81	2	
ADK 560 12 PG	600	3000	6.75	2	
		1.5mm			
ADK 505 15 PG	50	3000	1.94	2	
ADK 507 15 PG	75	3000	2.23	2	
ADK 510 15 PG	100	3000	2.52	2	
ADK 512 15 PG	125	3000	2.82	2	
ADK 515 15 PG	150	3000	3.11	2	
ADK 520 15 PG	200	3000	3.70	2	
ADK 522 15 PG	225	3000	4.00	2	
ADK 525 15 PG	250	3000	4.29	2	
ADK 530 15 PG	300	3000	4.88	2	
ADK 540 15 PG	400	3000	6.06	2	
ADK 545 15 PG	450	3000	6.65	2	
ADK 550 15 PG	500	3000	7.23	2	
ADK 560 15 PG	600	3000	8.41	2	

Separator

Разделител



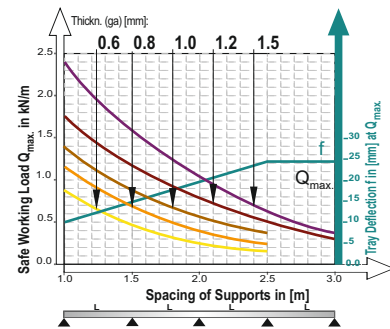
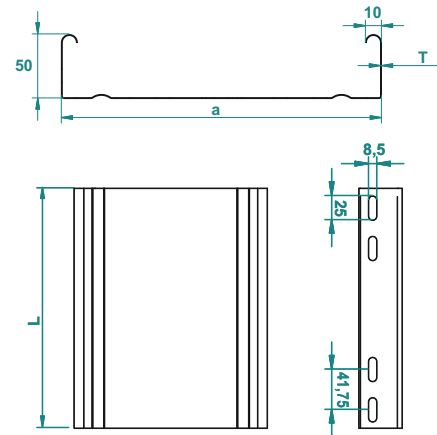
To Install Separator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

SEP 1 ... H50		1.0mm			
CODE	Length L mm	kg 1m	pcs		
SEP 150 10 PG	3000	0.5	1		

SEP 1 ... H50		1.5mm			
CODE	Length L mm	kg 1m	pcs		
SEP 150 15 PG	3000	0.75	1		

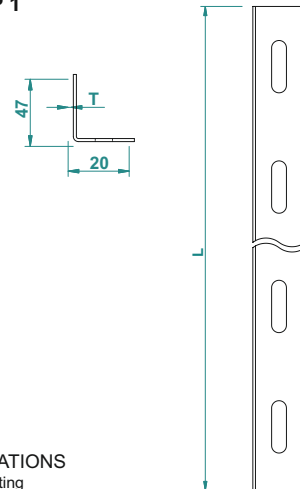
ADK H50



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

SEP 1



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

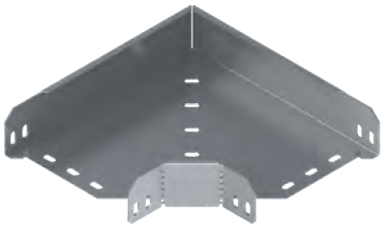
Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

90° Horizontal Bend of Cable Tray

Добавете - 90° Хоризонтално ъглово огъване на кабелна скарата



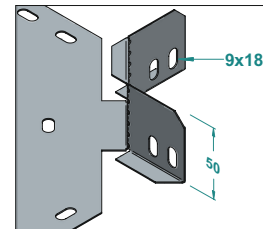
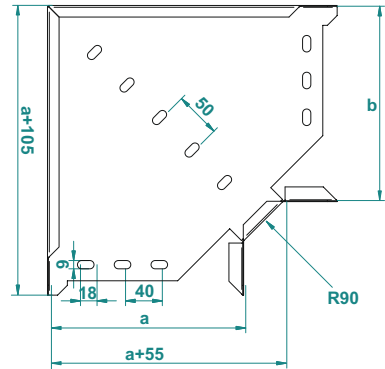
Pre - Galvanised

KA90 ... H50		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 505 08 PG	50	0.20	1
KA90 507 08 PG	75	0.25	1
KA90 510 08 PG	100	0.37	1
KA90 512 08 PG	125	0.45	1
KA90 515 08 PG	150	0.52	1
KA90 520 08 PG	200	0.70	1
KA90 ... H50		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 505 10 PG	50	0.25	1
KA90 507 10 PG	75	0.32	1
KA90 510 10 PG	100	0.47	1
KA90 512 10 PG	125	0.57	1
KA90 515 10 PG	150	0.66	1
KA90 520 10 PG	200	0.88	1
KA90 522 10 PG	225	1.01	1
KA90 525 10 PG	250	1.14	1
KA90 530 10 PG	300	1.49	1
KA90 540 10 PG	400	2.10	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90 ... H50		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 530 12 PG	300	1.81	1
KA90 540 12 PG	400	2.62	1
KA90 545 12 PG	450	3.09	1
KA90 450 12 PG	500	3.58	1
KA90 560 12 PG	600	4.70	1
KA90 ... H50		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 505 15 PG	50	0.38	1
KA90 507 15 PG	75	0.48	1
KA90 510 15 PG	100	0.71	1
KA90 512 15 PG	125	0.85	1
KA90 515 15 PG	150	0.99	1
KA90 520 15 PG	200	1.33	1
KA90 522 15 PG	225	1.50	1
KA90 525 15 PG	250	1.70	1
KA90 530 15 PG	300	2.26	1
KA90 540 15 PG	400	3.28	1
KA90 545 15 PG	450	3.86	1
KA90 550 15 PG	500	4.49	1
KA90 560 15 PG	600	5.88	1

KA90 H50



KA45 H50

45° Horizontal Bend of Cable Tray

Добавете - 45° Хоризонтално ъглово огъване на кабелна скарата

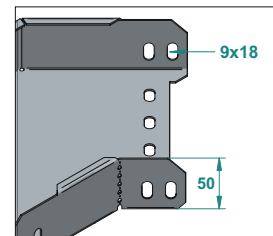
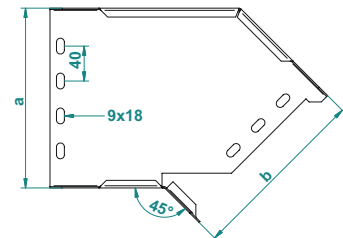


Pre - Galvanised

KA45 ... H50		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 505 08 PG	50	0.20	1
KA45 507 08 PG	75	0.26	1
KA45 510 08 PG	100	0.32	1
KA45 512 08 PG	125	0.42	1
KA45 515 08 PG	150	0.49	1
KA45 520 08 PG	200	0.68	1
KA45 ... H50		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 505 10 PG	50	0.26	1
KA45 507 10 PG	75	0.33	1
KA45 510 10 PG	100	0.41	1
KA45 512 10 PG	125	0.53	1
KA45 515 10 PG	150	0.62	1
KA45 520 10 PG	200	0.85	1
KA45 522 10 PG	225	0.97	1
KA45 525 10 PG	250	1.10	1
KA45 530 10 PG	300	1.32	1
KA45 540 10 PG	400	1.94	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA45 ... H50		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 530 12 PG	300	1.65	1
KA45 540 12 PG	400	2.43	1
KA45 545 12 PG	450	2.88	1
KA45 550 12 PG	500	3.37	1
KA45 560 12 PG	600	4.45	1
KA45 ... H50		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 505 15 PG	50	0.39	1
KA45 507 15 PG	75	0.50	1
KA45 510 15 PG	100	0.61	1
KA45 512 15 PG	125	0.80	1
KA45 515 15 PG	150	0.94	1
KA45 520 15 PG	200	1.26	1
KA45 522 15 PG	225	1.45	1
KA45 525 15 PG	250	1.64	1
KA45 530 15 PG	300	2.06	1
KA45 540 15 PG	400	3.04	1
KA45 545 15 PG	450	3.60	1
KA45 550 15 PG	500	4.21	1
KA45 560 15 PG	600	5.56	1



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

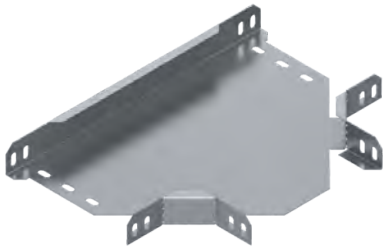
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6** **0.8** **1.0** **1.2** **1.5**

Tee Horizontal Bend of Cable Tray

Допълнителна Т-образна хоризонтална чупка



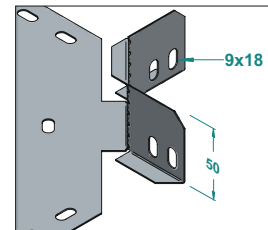
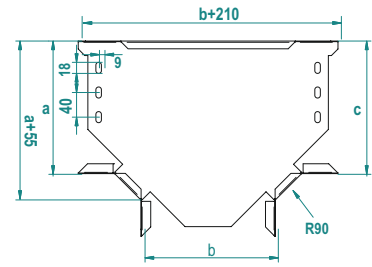
Pre - Galvanised

KAT ... H50		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 505 08 PG	50	0.25	1
KAT 507 08 PG	75	0.31	1
KAT 510 08 PG	100	0.47	1
KAT 512 08 PG	125	0.56	1
KAT 515 08 PG	150	0.64	1
KAT 520 08 PG	200	0.84	1
KAT ... H50		1.0mm	
KAT 505 10 PG	50	0.32	1
KAT 507 10 PG	75	0.39	1
KAT 510 10 PG	100	0.59	1
KAT 512 10 PG	125	0.70	1
KAT 515 10 PG	150	0.81	1
KAT 520 10 PG	200	1.05	1
KAT 522 10 PG	225	1.18	1
KAT 525 10 PG	250	1.32	1
KAT 530 10 PG	300	1.73	1
KAT 540 10 PG	400	2.44	1

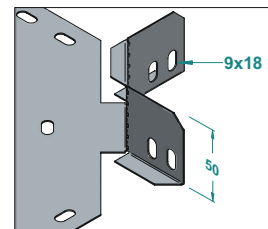
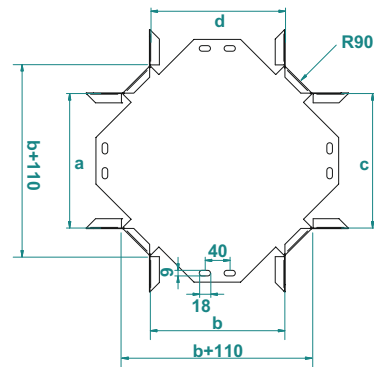
Important!
To install cable tray - bend use Screw Sets CFS
M6 or CFS M8

KAT ... H50		1.2mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 530 12 PG	300	2.16	1
KAT 540 12 PG	400	3.05	1
KAT 545 12 PG	450	3.54	1
KAT 550 12 PG	500	4.08	1
KAT 560 12 PG	600	5.27	1
KAT ... H50		1.5mm	
KAT 505 15 PG	50	0.48	1
KAT 507 15 PG	75	0.59	1
KAT 510 15 PG	100	0.90	1
KAT 512 15 PG	125	1.05	1
KAT 515 15 PG	150	1.21	1
KAT 520 15 PG	200	1.57	1
KAT 522 15 PG	225	1.77	1
KAT 525 15 PG	250	1.98	1
KAT 530 15 PG	300	2.70	1
KAT 540 15 PG	400	3.81	1
KAT 545 15 PG	450	4.43	1
KAT 550 15 PG	500	5.10	1
KAT 560 15 PG	600	6.58	1

KAT H50

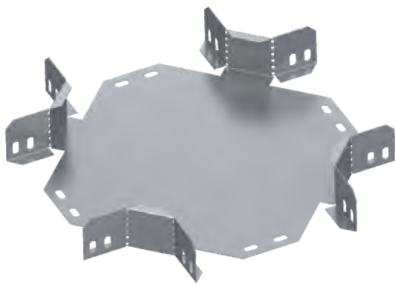


KAD H50



Cross Bend of Cable Tray

Напречно огъване на кабелна скара



Pre - Galvanised

KAD ... H50		0.8mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 505 08 PG	50	0.32	1
KAD 507 08 PG	75	0.40	1
KAD 510 08 PG	100	0.59	1
KAD 512 08 PG	125	0.68	1
KAD 515 08 PG	150	0.78	1
KAD 520 08 PG	200	0.99	1
KAD ... H50		1.0mm	
KAD 505 10 PG	50	0.41	1
KAD 507 10 PG	75	0.50	1
KAD 510 10 PG	100	0.74	1
KAD 512 10 PG	125	0.86	1
KAD 515 10 PG	150	0.98	1
KAD 520 10 PG	200	1.24	1
KAD 522 10 PG	225	1.38	1
KAD 525 10 PG	250	1.54	1
KAD 530 10 PG	300	2.10	1
KAD 540 10 PG	400	2.83	1

Important!
To install cable tray - bend use Screw Sets CFS
M6 or CFS M8

KAD ... H50		1.2mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 530 12 PG	300	2.58	1
KAD 540 12 PG	400	3.54	1
KAD 545 12 PG	450	4.07	1
KAD 550 12 PG	500	4.64	1
KAD 560 12 PG	600	5.90	1
KAD ... H50		1.5mm	
KAD 505 15 PG	50	0.62	1
KAD 507 15 PG	75	0.74	1
KAD 510 15 PG	100	1.02	1
KAD 512 15 PG	125	1.29	1
KAD 515 15 PG	150	1.47	1
KAD 520 15 PG	200	1.86	1
KAD 522 15 PG	225	2.08	1
KAD 525 15 PG	250	2.31	1
KAD 530 15 PG	300	3.22	1
KAD 540 15 PG	400	4.42	1
KAD 545 15 PG	450	5.09	1
KAD 550 15 PG	500	5.81	1
KAD 560 15 PG	600	7.38	1

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



KADB ... H50		0.8mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
KADB 505 08 PG	50	600	0.52	1
KADB 507 08 PG	75	600	0.60	1
KADB 510 08 PG	100	600	0.68	1
KADB 512 08 PG	125	600	0.76	1
KADB 515 08 PG	150	600	0.84	1
KADB 520 08 PG	200	600	1.00	1
		1.0mm		
KADB 505 10 PG	50	600	0.66	1
KADB 507 10 PG	75	600	0.75	1
KADB 510 10 PG	100	600	0.85	1
KADB 512 10 PG	125	600	0.95	1
KADB 515 10 PG	150	600	1.05	1
KADB 520 10 PG	200	600	1.25	1
KADB 522 10 PG	225	600	1.34	1
KADB 525 10 PG	250	600	1.44	1
KADB 530 10 PG	300	600	1.59	1
KADB 540 10 PG	400	600	2.34	1

KADB ... H50		1.2mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
KADB 530 12 PG	300	600	1.96	1
KADB 540 12 PG	400	600	2.92	1
KADB 545 12 PG	450	600	3.20	1
KADB 550 12 PG	500	600	3.49	1
KADB 560 12 PG	600	600	4.05	1
		1.5mm		
KADB 505 15 PG	50	600	0.97	1
KADB 507 15 PG	75	600	1.12	1
KADB 510 15 PG	100	600	1.26	1
KADB 512 15 PG	125	600	1.41	1
KADB 515 15 PG	150	600	1.56	1
KADB 520 15 PG	200	600	1.86	1
KADB 522 15 PG	225	600	2.00	1
KADB 525 15 PG	250	600	2.14	1
KADB 530 15 PG	300	600	2.44	1
KADB 540 15 PG	400	600	3.63	1
KADB 545 15 PG	450	600	3.99	1
KADB 550 15 PG	500	600	4.34	1
KADB 560 15 PG	600	600	5.05	1

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



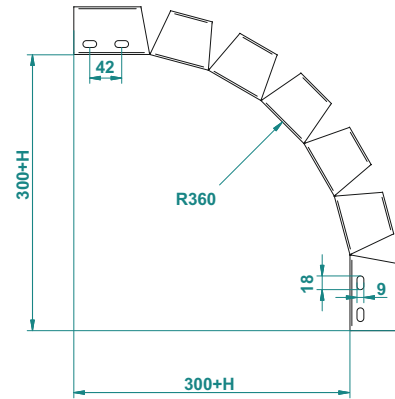
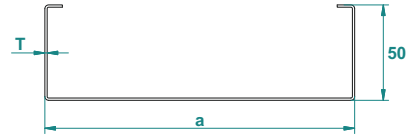
Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

Pre - Galvanised

KAIB ... H50		0.8mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
KAIB 505 08 PG	50	600	0.52	1
KAIB 507 08 PG	75	600	0.60	1
KAIB 510 08 PG	100	600	0.68	1
KAIB 512 08 PG	125	600	0.76	1
KAIB 515 08 PG	150	600	0.84	1
KAIB 520 08 PG	200	600	1.00	1
		1.0mm		
KAIB 505 10 PG	50	600	0.66	1
KAIB 507 10 PG	75	600	0.75	1
KAIB 510 10 PG	100	600	0.85	1
KAIB 512 10 PG	125	600	0.95	1
KAIB 515 10 PG	150	600	1.05	1
KAIB 520 10 PG	200	600	1.25	1
KAIB 522 10 PG	225	600	1.34	1
KAIB 525 10 PG	250	600	1.44	1
KAIB 530 10 PG	300	600	1.59	1
KAIB 540 10 PG	400	600	2.34	1

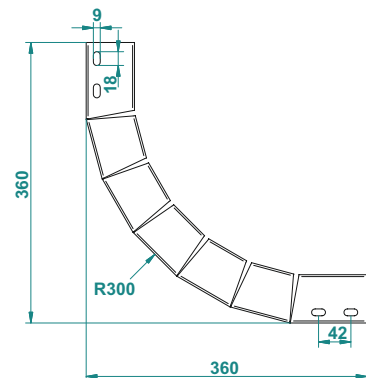
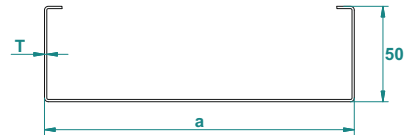
KAIB ... H50		1.2mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
KAIB 530 12 PG	300	600	1.96	1
KAIB 540 12 PG	400	600	2.92	1
KAIB 545 12 PG	450	600	3.02	1
KAIB 550 12 PG	500	600	3.49	1
KAIB 560 12 PG	600	600	4.05	1
		1.5mm		
KAIB 505 15 PG	50	600	0.97	1
KAIB 507 15 PG	75	600	1.12	1
KAIB 510 15 PG	100	600	1.26	1
KAIB 512 15 PG	125	600	1.41	1
KAIB 515 15 PG	150	600	1.56	1
KAIB 520 15 PG	200	600	1.86	1
KAIB 522 15 PG	225	600	2.00	1
KAIB 525 15 PG	250	600	2.14	1
KAIB 530 15 PG	300	600	2.44	1
KAIB 540 15 PG	400	600	3.63	1
KAIB 545 15 PG	450	600	3.99	1
KAIB 550 15 PG	500	600	4.34	1
KAIB 560 15 PG	600	600	5.05	1

KADB H50



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KAIB H50



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

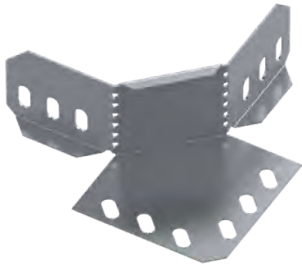
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Add On 90° Horizontal Corner Bend of Cable Tray

Добавяне - 90° Хоризонтално ъглово огъване на кабелна скарата.



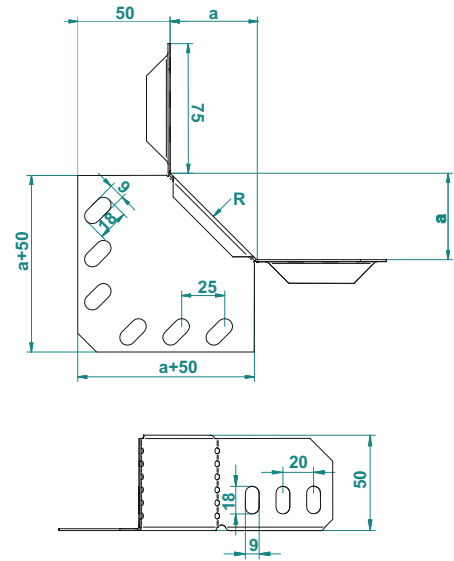
Pre - Galvanised

KA90E ... H50					0.8mm	
CODE	a mm	Radius R mm	kg 1 pc	pcs		
KA90E 5 08 PG	55	90	0.16	1		
KA90ER1 5 08 PG	90	150	0.24	1		
KA90ER2 5 08 PG	180	300	0.51	1		
					1.0mm	
KA90E 5 10 PG	55	90	0.16	1		
KA90ER1 5 10 PG	90	150	0.24	1		
KA90ER2 5 10 PG	180	300	0.51	1		

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

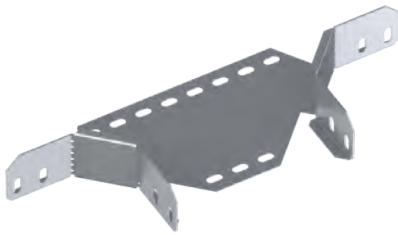
KA90E ... H50					1.5mm	
CODE	a mm	Radius R mm	kg 1 pc	pcs		
KA90E 5 15 PG	55	90	0.24	1		
KA90ER1 5 15 PG	90	150	0.37	1		
KA90ER2 5 15 PG	180	300	0.76	1		

KA90E H50



Add on tee horizontal bend

Добавяне Т-образна хоризонтална чупка.



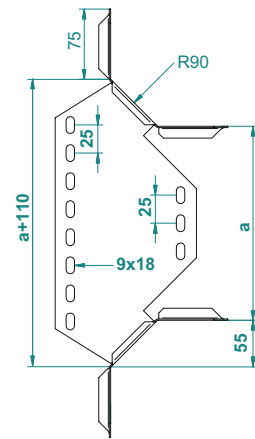
Pre - Galvanised

KATE ... H50					0.8mm	
CODE	Width a mm	Radius R mm	kg 1 pc	pcs		
KATE 510 08 PG	100	90	0.28	1		
KATE 512 08 PG	125	90	0.30	1		
KATE 515 08 PG	150	90	0.32	1		
KATE 520 08 PG	200	90	0.36	1		
					1.0mm	
KATE 510 10 PG	100	90	0.36	1		
KATE 512 10 PG	125	90	0.38	1		
KATE 515 10 PG	150	90	0.41	1		
KATE 520 10 PG	200	90	0.46	1		
KATE 522 10 PG	225	90	0.49	1		
KATE 525 10 PG	250	90	0.51	1		
KATE 530 10 PG	300	90	0.54	1		
KATE 540 10 PG	400	90	0.63	1		

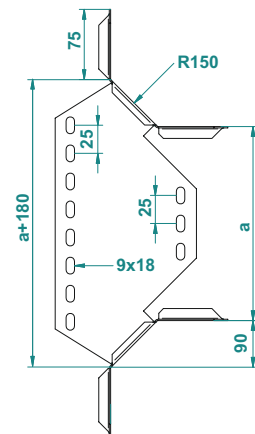
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KATE ... H50					1.2mm	
CODE	Width a mm	Radius R mm	kg 1 pc	pcs		
KATE 530 12 PG	300	90	0.67	1		
KATE 540 12 PG	400	90	0.79	1		
KATE 545 12 PG	450	90	0.86	1		
KATE 550 12 PG	500	90	0.92	1		
KATE 560 12 PG	600	90	1.04	1		
					1.5mm	
KATER1 510 15 PG	100	150	1.05	1		
KATER1 512 15 PG	125	150	1.11	1		
KATER1 515 15 PG	150	150	1.18	1		
KATER1 520 15 PG	200	150	1.30	1		
KATER1 522 15 PG	225	150	1.36	1		
KATER1 525 15 PG	250	150	1.42	1		
KATER1 530 15 PG	300	150	1.54	1		
KATER1 540 15 PG	400	150	1.78	1		
KATER1 545 15 PG	450	150	1.91	1		
KATER1 550 15 PG	500	150	2.03	1		
KATER1 560 15 PG	600	150	2.28	1		

KATE



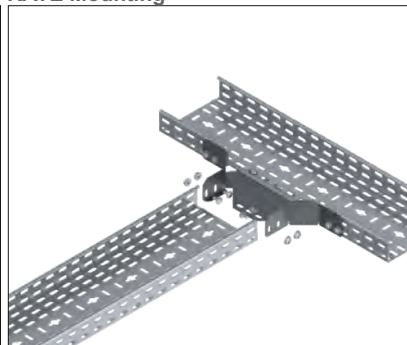
KATER1



KA90E Mounting



KATE Mounting



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

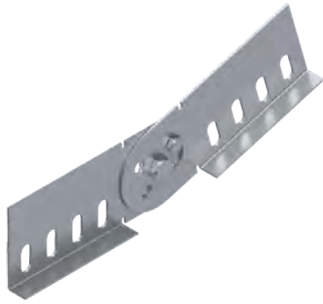
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.)



Pre - Galvanised

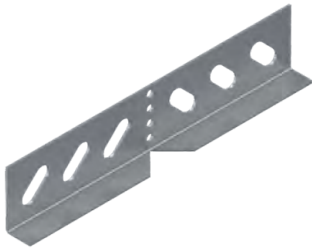
To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

BDD 2 ... H50		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 250 12 PG	250	0.16	1

BDD 2 ... H50		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 250 15 PG	250	0.2	1

Adjustable Horizontal Connector

Регулируем хоризонтален конектор



Pre - Galvanised

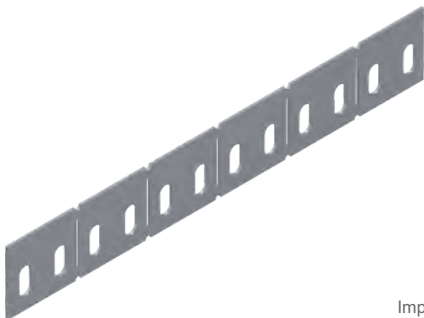
To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

BYD 2 ... H50		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 250 12 PG	175	0.09	1

BYD 2 ... H50		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 250 15 PG	175	0.11	1

Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг



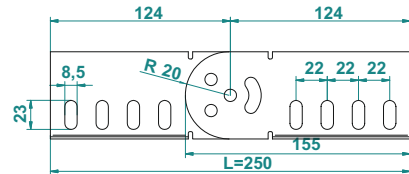
Pre - Galvanised

Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

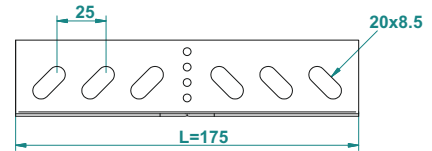
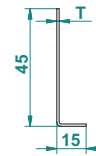
BYDU 1 ... H50		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 150 12 PG	1000	0.3	1

BYDU 1 ... H50		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 150 15 PG	1000	0.38	1

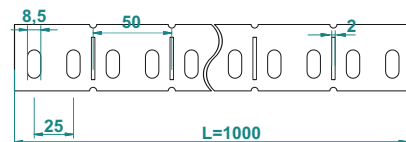
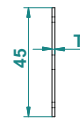
BDD 2 H50



BYD 2 H50



BYDU 1 H50



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6** 0.8 1.0 1.2 1.5

Reducer Connector - Single Type

Конектор за редуктор



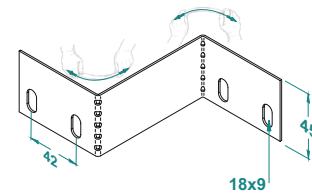
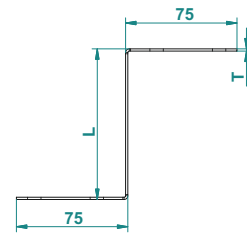
Pre - Galvanised

Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

RT ... H50		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 50 25 15 PG	25	0,093	1
RT 50 50 15 PG	50	0,106	1
RT 50 75 15 PG	75	0,119	1
RT 50 100 15 PG	100	0,132	1
RT 50 125 15 PG	125	0,146	1
RT 50 150 15 PG	150	0,159	1
RT 50 175 15 PG	175	0,172	1
RT 50 200 15 PG	200	0,185	1
RT 50 225 15 PG	225	0,199	1
RT 50 250 15 PG	250	0,212	1
RT 50 275 15 PG	275	0,225	1
RT 50 300 15 PG	300	0,239	1

RT ... H50		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 50 325 15 PG	325	0,262	1
RT 50 350 15 PG	350	0,265	1
RT 50 375 15 PG	375	0,278	1
RT 50 400 15 PG	400	0,292	1
RT 50 425 15 PG	425	0,305	1
RT 50 450 15 PG	450	0,318	1
RT 50 475 15 PG	475	0,331	1
RT 50 500 15 PG	500	0,345	1
RT 50 525 15 PG	525	0,357	1
RT 50 550 15 PG	550	0,371	1
RT 50 575 15 PG	575	0,384	1

RT H50



Stop End (Blind End)

Крайна планка



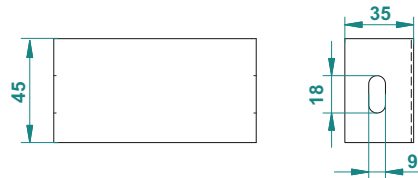
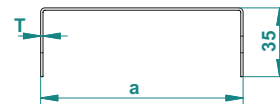
Pre - Galvanised

Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

SON ... H50		1.2mm	
CODE	Width a mm	kg 1 pc	pcs
SON 505 12 PG	50	0,072	1
SON 507 12 PG	75	0,083	1
SON 510 12 PG	100	0,094	1
SON 512 12 PG	125	0,104	1
SON 515 12 PG	150	0,114	1
SON 520 12 PG	200	0,136	1
SON 522 12 PG	225	0,146	1
SON 525 12 PG	250	0,157	1
SON 530 12 PG	300	0,178	1
SON 540 12 PG	400	0,221	1
SON 545 12 PG	450	0,241	1
SON 550 12 PG	500	0,263	1
SON 560 12 PG	600	0,305	1

SON ... H50		1.5mm	
CODE	Width a mm	kg 1 pc	pcs
SON 505 15 PG	50	0,090	1
SON 507 15 PG	75	0,104	1
SON 510 15 PG	100	0,117	1
SON 512 15 PG	125	0,130	1
SON 515 15 PG	150	0,143	1
SON 520 15 PG	200	0,169	1
SON 522 15 PG	225	0,183	1
SON 525 15 PG	250	0,196	1
SON 530 15 PG	300	0,222	1
SON 540 15 PG	400	0,275	1
SON 545 15 PG	450	0,302	1
SON 550 15 PG	500	0,329	1
SON 560 15 PG	600	0,382	1

SON H50



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

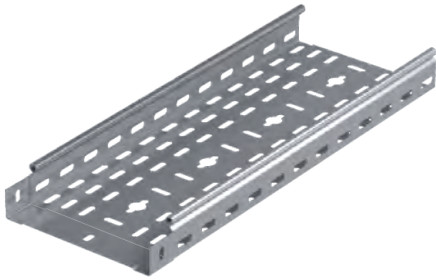
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци

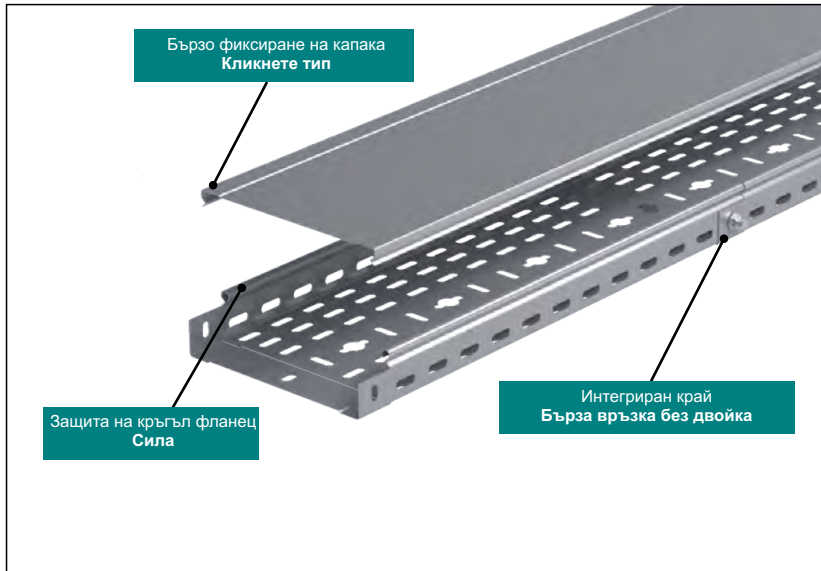


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FPK ... H60		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 605 06 PG	50	3000	0.71	1	2
FPK 607 06 PG	75	3000	0.81	1	2
FPK 610 06 PG	100	3000	0.90	1	2
FPK 612 06 PG	125	3000	0.99	1	2
FPK 615 06 PG	150	3000	1.09	1	2
FPK 620 06 PG	200	3000	1.28	1	2
FPK ... H60		0.7mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 605 07 PG	50	3000	0.89	1	2
FPK 607 07 PG	75	3000	1.01	1	2
FPK 610 07 PG	100	3000	1.12	1	2
FPK 612 07 PG	125	3000	1.24	1	2
FPK 615 07 PG	150	3000	1.36	1	2
FPK 620 07 PG	200	3000	1.59	1	2
FPK ... H60		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 605 08 PG	50	3000	0.94	1	2
FPK 607 08 PG	75	3000	1.07	1	2
FPK 610 08 PG	100	3000	1.19	1	2
FPK 612 08 PG	125	3000	1.32	1	2
FPK 615 08 PG	150	3000	1.45	1	2
FPK 620 08 PG	200	3000	1.70	1	2
FPK 622 08 PG	225	3000	1.82	1	2
FPK 625 08 PG	250	3000	1.95	1	2
FPK 630 08 PG	300	3000	2.20	1	2

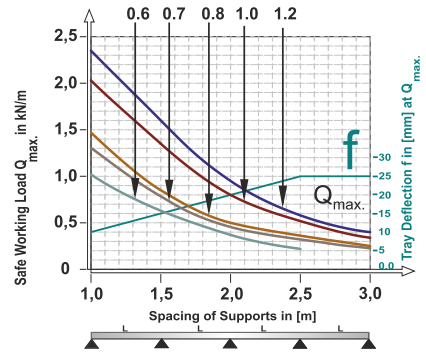
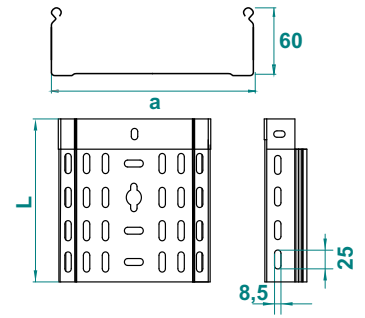
FPK ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 605 10 PG	50	3000	1.18	1	2
FPK 607 10 PG	75	3000	1.33	1	2
FPK 610 10 PG	100	3000	1.49	1	2
FPK 612 10 PG	125	3000	1.64	1	2
FPK 615 10 PG	150	3000	1.80	1	2
FPK 620 10 PG	200	3000	2.11	1	2
FPK 622 10 PG	225	3000	2.27	1	2
FPK 625 10 PG	250	3000	2.43	1	2
FPK 630 10 PG	300	3000	2.74	1	2
FPK 640 10 PG	400	3000	3.37	1	2
FPK 645 10 PG	450	3000	3.53	1	2
FPK 650 10 PG	500	3000	3.84	1	2
FPK 660 10 PG	600	3000	4.44	1	2
FPK ... H60		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 645 12 PG	450	3000	4.42	1	2
FPK 650 12 PG	500	3000	4.80	1	2
FPK 660 12 PG	600	3000	5.55	1	2



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width	50x50	100x50	200x50	250x50	300x50	400x50	500x50	600x50
2 Sets	2 Sets	3 Sets	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets

FPK H60



Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	178 cm ²
400	236 cm ²
500	298 cm ²
600	358 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2**

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections		W	H	40	50	60	75	80	85	100
Width Of Cable Tray	50	2 Sets	2 Sets	2 Sets	-	-	-	-	-	-
	100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



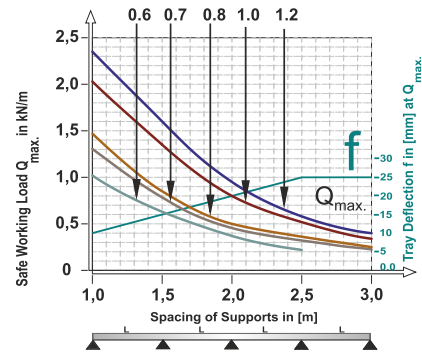
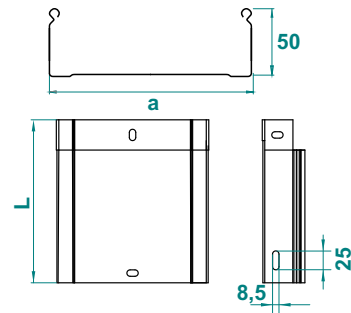
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FDK ... H60		0.6mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FDK 605 06 PG	50	3000	0.89	2	
FDK 607 06 PG	75	3000	1.01	2	
FDK 610 06 PG	100	3000	1.13	2	
FDK 612 06 PG	125	3000	1.24	2	
FDK 615 06 PG	150	3000	1.36	2	
FDK 620 06 PG	200	3000	1.60	2	
FDK ... H60		0.7mm			
FDK 605 07 PG	50	3000	1.04	2	
FDK 607 07 PG	75	3000	1.18	2	
FDK 610 07 PG	100	3000	1.31	2	
FDK 612 07 PG	125	3000	1.45	2	
FDK 615 07 PG	150	3000	1.59	2	
FDK 620 07 PG	200	3000	1.86	2	
FDK ... H60		0.8mm			
FDK 605 08 PG	50	3000	1.18	2	
FDK 607 08 PG	75	3000	1.34	2	
FDK 610 08 PG	100	3000	1.49	2	
FDK 612 08 PG	125	3000	1.65	2	
FDK 615 08 PG	150	3000	1.81	2	
FDK 620 08 PG	200	3000	2.12	2	
FDK 622 08 PG	225	3000	2.28	2	
FDK 625 08 PG	250	3000	2.44	2	
FDK 630 08 PG	300	3000	2.75	2	

FDK ... H60		1.0mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FDK 605 10 PG	50	3000	1.47	2	
FDK 607 10 PG	75	3000	1.66	2	
FDK 610 10 PG	100	3000	1.86	2	
FDK 612 10 PG	125	3000	2.05	2	
FDK 615 10 PG	150	3000	2.25	2	
FDK 620 10 PG	200	3000	2.64	2	
FDK 622 10 PG	225	3000	2.84	2	
FDK 625 10 PG	250	3000	3.04	2	
FDK 630 10 PG	300	3000	3.43	2	
FDK 640 10 PG	400	3000	4.21	2	
FDK 645 10 PG	450	3000	4.24	2	
FDK 650 10 PG	500	3000	4.80	2	
FDK 660 10 PG	600	3000	5.55	2	
FDK ... H60		1.2mm			
FDK 645 12 PG	450	3000	5.53	2	
FDK 650 12 PG	500	3000	6.00	2	
FDK 660 12 PG	600	3000	6.94	2	

FPK H60



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

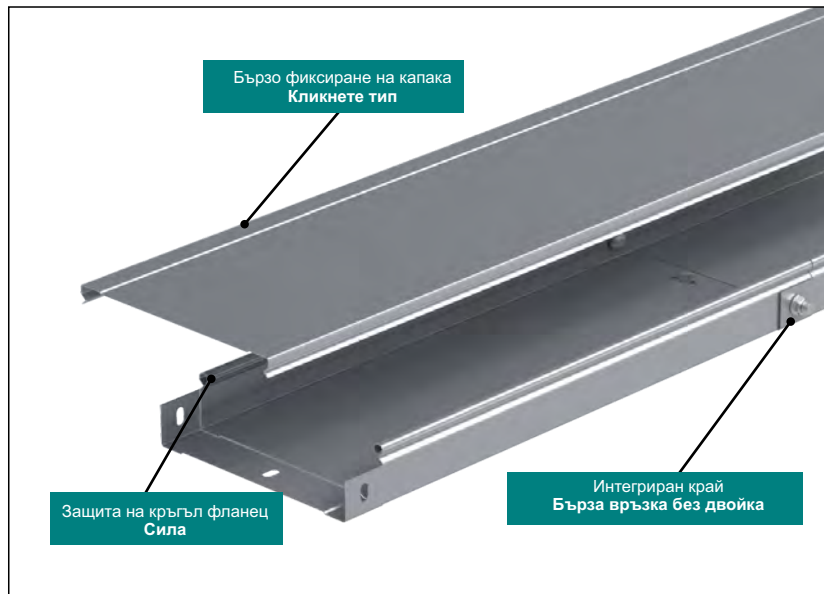
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2**



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

		Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections						
W	H	40	50	60	75	80	85	100
		50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	



Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GPK ... H60		0.6mm			
CODE	Width a mm	Length L mm	Kg 1 mt	pcs	
GPK 605 06 PG	50	3000	0.71	2	
GPK 607 06 PG	75	3000	0.81	2	
GPK 610 06 PG	100	3000	0.90	2	
GPK 612 06 PG	125	3000	0.99	2	
GPK 615 06 PG	150	3000	1.09	2	
GPK 620 06 PG	200	3000	1.28	2	
		0.7mm			
GPK 605 07 PG	50	3000	0.89	2	
GPK 607 07 PG	75	3000	1.01	2	
GPK 610 07 PG	100	3000	1.12	2	
GPK 612 07 PG	125	3000	1.24	2	
GPK 615 07 PG	150	3000	1.36	2	
GPK 620 07 PG	200	3000	1.59	2	

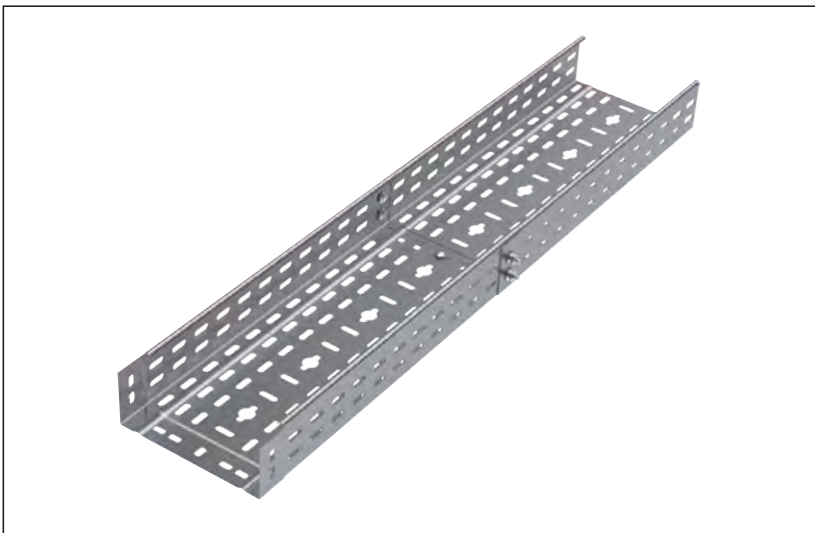
GPK ... H60		0.8mm			
CODE	Width a mm	Length L mm	Kg 1 mt	pcs	
GPK 605 08 PG	50	3000	0.94	2	
GPK 607 08 PG	75	3000	1.07	2	
GPK 610 08 PG	100	3000	1.19	2	
GPK 612 08 PG	125	3000	1.32	2	
GPK 615 08 PG	150	3000	1.45	2	
GPK 620 08 PG	200	3000	1.70	2	
GPK 622 08 PG	225	3000	1.82	2	
GPK 625 08 PG	250	3000	1.95	2	
GPK 630 08 PG	300	3000	2.20	2	
		1.0mm			
GPK 605 10 PG	50	3000	1.18	2	
GPK 607 10 PG	75	3000	1.33	2	
GPK 610 10 PG	100	3000	1.49	2	
GPK 612 10 PG	125	3000	1.64	2	
GPK 615 10 PG	150	3000	1.80	2	
GPK 620 10 PG	200	3000	2.11	2	
GPK 622 10 PG	225	3000	2.27	2	
GPK 625 10 PG	250	3000	2.43	2	
GPK 630 10 PG	300	3000	2.74	2	
GPK 640 10 PG	400	3000	3.37	2	
		1.2mm			
GPK 645 12 PG	450	3000	4.42	2	
GPK 650 12 PG	500	3000	4.80	2	
GPK 660 12 PG	600	3000	5.55	2	

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: **0.6** | 0.7 | 0.8 | 1.0 | 1.2

Mounting Example



GPK H60

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 Q = max. admissible load (kg/m)
 L = support distance (m)
 f = Deflection (mm) / Max. deflection = $L/100$
 Safety co-efficient = 1.5

Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	173 cm ²
400	238 cm ²
500	298 cm ²
600	358 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width Of Cable Tray	W	H	40	50	60	75	80	85	100
50x60	50	60	2 Sets	2 Sets	2 Sets	-	-	-	-
100x60	100	60	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150x60	150	60	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200x60	200	60	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250x60	250	60	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300x60	300	60	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400x60	400	60	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500x60	500	60	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600x60	600	60	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets

Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Integrated Non Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



Pre - Galvanised

Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

GDK ... H60		0.6mm	
CODE	Width a mm	Length L mm	kg 1 mt
GDK 605 06 PG	50	3000	0.89
GDK 607 06 PG	75	3000	1.01
GDK 610 06 PG	100	3000	1.13
GDK 612 06 PG	125	3000	1.24
GDK 615 06 PG	150	3000	1.36
GDK 620 06 PG	200	3000	1.60

GDK ... H60		0.7mm	
CODE	Width a mm	Length L mm	kg 1 mt
GDK 605 07 PG	50	3000	1.04
GDK 607 07 PG	75	3000	1.18
GDK 610 07 PG	100	3000	1.31
GDK 612 07 PG	125	3000	1.45
GDK 615 07 PG	150	3000	1.59
GDK 620 07 PG	200	3000	1.86

GDK ... H60		0.8mm	
CODE	Width a mm	Length L mm	kg 1 mt
GDK 605 08 PG	50	3000	1.18
GDK 607 08 PG	75	3000	1.34
GDK 610 08 PG	100	3000	1.49
GDK 612 08 PG	125	3000	1.65
GDK 615 08 PG	150	3000	1.81
GDK 620 08 PG	200	3000	2.12
GDK 622 08 PG	225	3000	2.28
GDK 625 08 PG	250	3000	2.44
GDK 630 08 PG	300	3000	2.75

GDK ... H60		1.0mm	
CODE	Width a mm	Length L mm	kg 1 mt
GDK 605 10 PG	50	3000	1.47
GDK 607 10 PG	75	3000	1.66
GDK 610 10 PG	100	3000	1.86
GDK 612 10 PG	125	3000	2.05
GDK 615 10 PG	150	3000	2.25
GDK 620 10 PG	200	3000	2.64
GDK 622 10 PG	225	3000	2.84
GDK 625 10 PG	250	3000	3.04
GDK 630 10 PG	300	3000	3.43
GDK 640 10 PG	400	3000	4.21

GDK ... H60		1.2mm	
CODE	Width a mm	Length L mm	kg 1 mt
GDK 645 12 PG	450	3000	5.53
GDK 650 12 PG	500	3000	6.00
GDK 660 12 PG	600	3000	6.94

MATERIAL

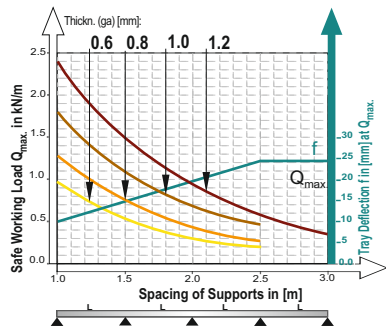
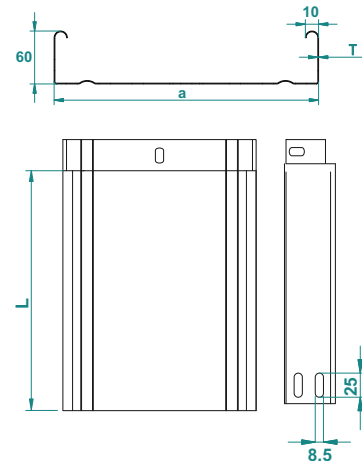
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Thickn. (ga) [mm]: **0.6 | 0.7 | 0.8 | 1.0 | 1.2**

Mounting Example



GPK H60



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

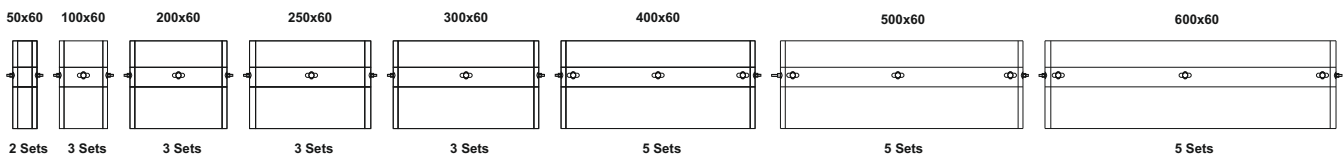


Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	178 cm ²
400	238 cm ²
500	298 cm ²
600	358 cm ²

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

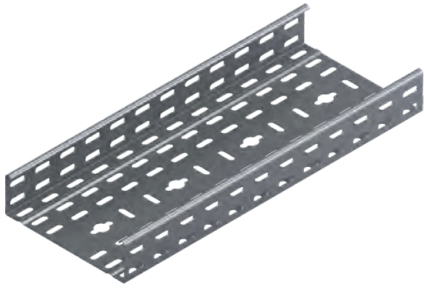
W	H	40	50	60	75	80	85	100
Width Of Cable Tray	50	2 Sets	2 Sets	2 Sets	-	-	-	-
	100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
	500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци.



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

APK ... H60		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 605 06 PG	50	3000	0.71	2	
APK 607 06 PG	75	3000	0.81	2	
APK 610 06 PG	100	3000	0.90	2	
APK 612 06 PG	125	3000	0.99	2	
APK 615 06 PG	150	3000	1.09	2	
APK 620 06 PG	200	3000	1.28	2	
APK ... H60		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 605 08 PG	50	3000	0.94	2	
APK 607 08 PG	75	3000	1.07	2	
APK 610 08 PG	100	3000	1.19	2	
APK 612 08 PG	125	3000	1.32	2	
APK 615 08 PG	150	3000	1.45	2	
APK 620 08 PG	200	3000	1.70	2	
APK 622 08 PG	225	3000	1.82	2	
APK 625 08 PG	250	3000	1.95	2	
APK 630 08 PG	300	3000	2.20	2	
APK ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 605 10 PG	50	3000	1.18	2	
APK 607 10 PG	75	3000	1.33	2	
APK 610 10 PG	100	3000	1.49	2	
APK 612 10 PG	125	3000	1.64	2	
APK 615 10 PG	150	3000	1.80	2	
APK 620 10 PG	200	3000	2.11	2	
APK 622 10 PG	225	3000	2.27	2	
APK 625 10 PG	250	3000	2.43	2	
APK 630 10 PG	300	3000	2.74	2	
APK 640 10 PG	400	3000	3.37	2	

APK ... H60		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 605 12 PG	50	3000	1.41	2	
APK 607 12 PG	75	3000	1.59	2	
APK 610 12 PG	100	3000	1.78	2	
APK 612 12 PG	125	3000	1.97	2	
APK 615 12 PG	150	3000	2.16	2	
APK 620 12 PG	200	3000	2.54	2	
APK 622 12 PG	225	3000	2.73	2	
APK 625 12 PG	250	3000	2.91	2	
APK 630 12 PG	300	3000	3.29	2	
APK 640 12 PG	400	3000	4.04	2	
APK 645 12 PG	450	3000	4.42	2	
APK 650 12 PG	500	3000	4.80	2	
APK 660 12 PG	600	3000	5.55	2	
APK ... H60		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 605 15 PG	50	3000	1.74	2	
APK 607 15 PG	75	3000	1.98	2	
APK 610 15 PG	100	3000	2.21	2	
APK 612 15 PG	125	3000	2.44	2	
APK 615 15 PG	150	3000	2.68	2	
APK 620 15 PG	200	3000	3.15	2	
APK 622 15 PG	225	3000	3.38	2	
APK 625 15 PG	250	3000	3.62	2	
APK 630 15 PG	300	3000	4.10	2	
APK 640 15 PG	400	3000	5.03	2	
APK 645 15 PG	450	3000	5.50	2	
APK 650 15 PG	500	3000	5.98	2	
APK 660 15 PG	600	3000	6.92	2	

Straight Connector (Coupler)

Прав конектор



To Install one lenght ; use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

KBE 2 ... H60		1.0mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 260 10 PG	175	0.1	100		
KBE 2 ... H60		1.2mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 260 12 PG	175	0.1	100		

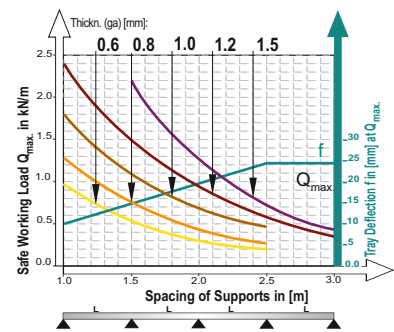
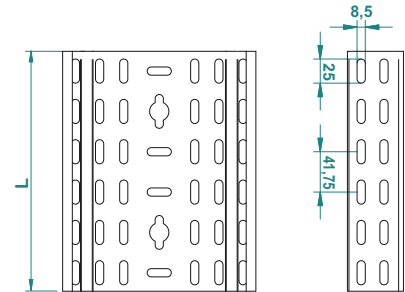
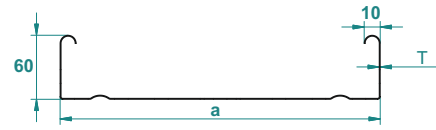
KBE 2 ... H60		1.5mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 260 15 PG	175	0.13	100		

Electro - Galvanized

CFS M6		M6		kg	pcs
CODE	Size mm	Length L mm	1Set	1Set	1Set
CFS M6 EG	M6	15	0,008	500	

CFS M8		M8		kg	pcs
CODE	Size mm	Length L mm	1Set	1Set	1Set
CFS M8 EG	M8	15	0,014	500	

APK H60

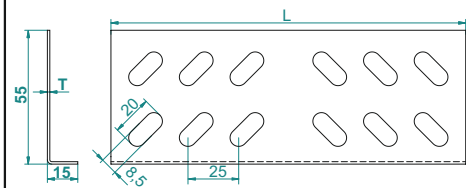


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	178 cm ²
400	238 cm ²
500	298 cm ²
600	358 cm ²



KBE 2



M6x15 Round head square neck bolt & M6 Flanged nut



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel/AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 0.6 | 0.8 | 1.0 | 1.2 | 1.5

Non Perforated Cable Trays - Return Flanges

Неперфорирани кабелни скари



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

ADK ... H60		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	2
ADK 605 06 PG	50	3000	0.89	2	
ADK 607 06 PG	75	3000	1.01	2	
ADK 610 06 PG	100	3000	1.13	2	
ADK 612 06 PG	125	3000	1.24	2	
ADK 615 06 PG	150	3000	1.36	2	
ADK 620 06 PG	200	3000	1.60	2	
ADK ... H60		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	2
ADK 605 08 PG	50	3000	1.18	2	
ADK 607 08 PG	75	3000	1.34	2	
ADK 610 08 PG	100	3000	1.49	2	
ADK 612 08 PG	125	3000	1.65	2	
ADK 615 08 PG	150	3000	1.81	2	
ADK 620 08 PG	200	3000	2.12	2	
ADK 622 08 PG	225	3000	2.28	2	
ADK 625 08 PG	250	3000	2.44	2	
ADK 630 08 PG	300	3000	2.75	2	
ADK ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	2
ADK 605 10 PG	50	3000	1.47	2	
ADK 607 10 PG	75	3000	1.66	2	
ADK 610 10 PG	100	3000	1.86	2	
ADK 612 10 PG	125	3000	2.05	2	
ADK 615 10 PG	150	3000	2.25	2	
ADK 620 10 PG	200	3000	2.64	2	
ADK 622 10 PG	225	3000	2.84	2	
ADK 625 10 PG	250	3000	3.04	2	
ADK 630 10 PG	300	3000	3.43	2	
ADK 640 10 PG	400	3000	4.21	2	

ADK ... H60		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	2
ADK 605 12 PG	50	3000	1.76	2	
ADK 607 12 PG	75	3000	1.99	2	
ADK 610 12 PG	100	3000	2.23	2	
ADK 612 12 PG	125	3000	2.46	2	
ADK 615 12 PG	150	3000	2.70	2	
ADK 620 12 PG	200	3000	3.17	2	
ADK 622 12 PG	225	3000	3.41	2	
ADK 625 12 PG	250	3000	3.64	2	
ADK 630 12 PG	300	3000	4.11	2	
ADK 640 12 PG	400	3000	5.05	2	
ADK 645 12 PG	450	3000	5.53	2	
ADK 650 12 PG	500	3000	6.00	2	
ADK 660 12 PG	600	3000	6.94	2	
ADK ... H60		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 mt	2
ADK 605 15 PG	50	3000	2.17	2	
ADK 607 15 PG	75	3000	2.47	2	
ADK 610 15 PG	100	3000	2.76	2	
ADK 612 15 PG	125	3000	3.05	2	
ADK 615 15 PG	150	3000	3.35	2	
ADK 620 15 PG	200	3000	3.94	2	
ADK 622 15 PG	225	3000	4.23	2	
ADK 625 15 PG	250	3000	4.53	2	
ADK 630 15 PG	300	3000	5.12	2	
ADK 640 15 PG	400	3000	6.29	2	
ADK 645 15 PG	450	3000	6.88	2	
ADK 650 15 PG	500	3000	7.47	2	
ADK 660 15 PG	600	3000	8.65	2	

Separator

Разделител



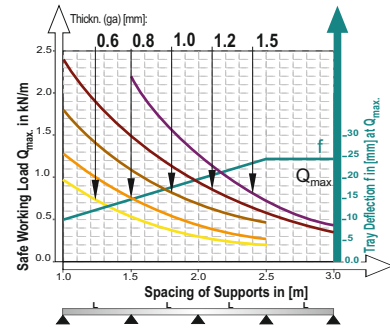
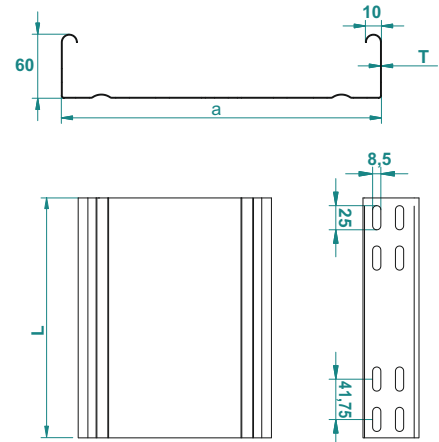
To Install Separator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

SEP 1 ... H60		1.0mm		kg	pcs
CODE	Length L mm	kg	1 m	1	2
SEP 160 10 PG	3000	0.57	1		

SEP 1 ... H60		1.5mm		kg	pcs
CODE	Length L mm	kg	1 m	1	2
SEP 160 15 PG	3000	0.86	1		

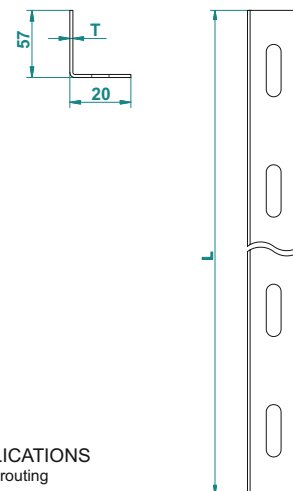
ADK H60



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 Q = max. admissible load (kg/m)
 L = support distance (m)
 f = Deflection (mm) / Max. deflection = $L/100$
 Safety co-efficient = 1.5

Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	178 cm ²
400	238 cm ²
500	298 cm ²
600	358 cm ²

SEP 1 H60



APPLICATIONS
Cable routing

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS- stainless steel AISI 304L and AISI 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

90° Horizontal Bend of Cable Tray

90° Хоризонтално ъглово огъване на кабелна скара.



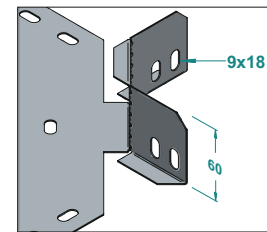
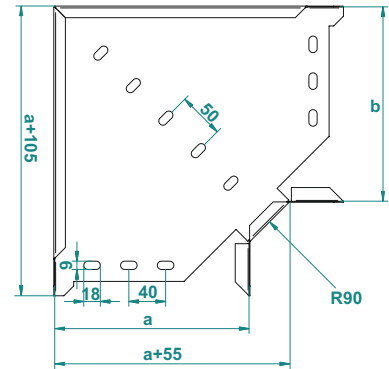
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90 ... H60		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 605 08 PG	50	0.22	1
KA90 607 08 PG	75	0.27	1
KA90 610 08 PG	100	0.40	1
KA90 612 08 PG	125	0.48	1
KA90 615 08 PG	150	0.56	1
KA90 620 08 PG	200	0.74	1
		1.0mm	
KA90 605 10 PG	50	0.28	1
KA90 607 10 PG	75	0.34	1
KA90 610 10 PG	100	0.51	1
KA90 612 10 PG	125	0.60	1
KA90 615 10 PG	150	0.70	1
KA90 620 10 PG	200	0.93	1
KA90 622 10 PG	225	1.06	1
KA90 625 10 PG	250	1.19	1
KA90 630 10 PG	300	1.51	1
KA90 640 10 PG	400	2.17	1

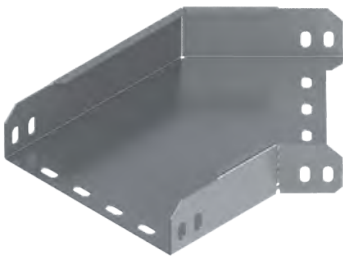
		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 630 12 PG	300	1.89	1
KA90 640 12 PG	400	2.71	1
KA90 645 12 PG	450	3.18	1
KA90 650 12 PG	500	3.70	1
KA90 660 12 PG	600	4.82	1
		1.5mm	
KA90 605 15 PG	50	0.42	1
KA90 607 15 PG	75	0.52	1
KA90 610 15 PG	100	0.77	1
KA90 612 15 PG	125	0.90	1
KA90 615 15 PG	150	1.06	1
KA90 620 15 PG	200	1.40	1
KA90 622 15 PG	225	1.58	1
KA90 625 15 PG	250	1.78	1
KA90 630 15 PG	300	2.35	1
KA90 640 15 PG	400	3.39	1
KA90 645 15 PG	450	3.98	1
KA90 650 15 PG	500	4.62	1
KA90 660 15 PG	600	6.03	1

KA90 H60



45° Horizontal Bend of Cable Tray

45° Хоризонтално ъглово огъване на кабелна скара.



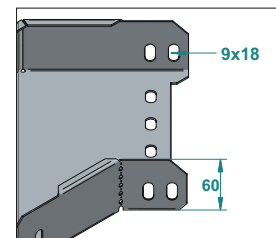
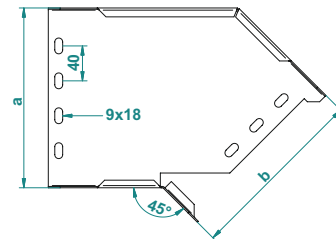
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA45 ... H60		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 605 08 PG	50	0.24	1
KA45 607 08 PG	75	0.29	1
KA45 610 08 PG	100	0.36	1
KA45 612 08 PG	125	0.46	1
KA45 615 08 PG	150	0.53	1
KA45 620 08 PG	200	0.72	1
		1.0mm	
KA45 605 10 PG	50	0.30	1
KA45 607 10 PG	75	0.37	1
KA45 610 10 PG	100	0.45	1
KA45 612 10 PG	125	0.58	1
KA45 615 10 PG	150	0.67	1
KA45 620 10 PG	200	0.90	1
KA45 622 10 PG	225	1.02	1
KA45 625 10 PG	250	1.15	1
KA45 630 10 PG	300	1.38	1
KA45 640 10 PG	400	2.01	1

		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA45 630 12 PG	300	1.73	1
KA45 640 12 PG	400	2.52	1
KA45 645 12 PG	450	2.98	1
KA45 650 12 PG	500	3.47	1
KA45 660 12 PG	600	4.58	1
		1.5mm	
KA45 605 15 PG	50	0.44	1
KA45 607 15 PG	75	0.54	1
KA45 610 15 PG	100	0.66	1
KA45 612 15 PG	125	0.86	1
KA45 615 15 PG	150	1.01	1
KA45 620 15 PG	200	1.34	1
KA45 622 15 PG	225	1.53	1
KA45 625 15 PG	250	1.73	1
KA45 630 15 PG	300	2.15	1
KA45 640 15 PG	400	3.15	1
KA45 645 15 PG	450	3.72	1
KA45 650 15 PG	500	4.34	1
KA45 660 15 PG	600	5.72	1

KA45 H60



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

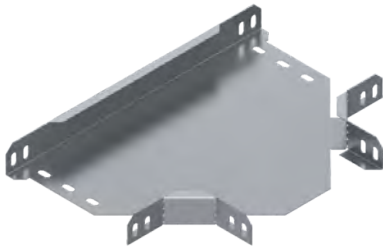
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Tee Horizontal Bend of Cable Tray

T-образно хоризонтално ъглово огъване на кабелна скара



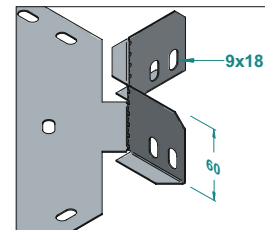
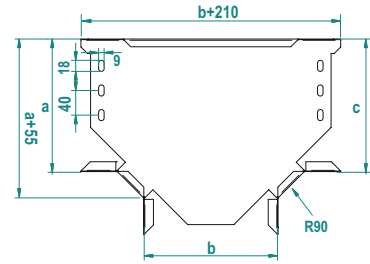
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KAT ... H60		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 605 08 PG	50	0.28	1
KAT 607 08 PG	75	0.35	1
KAT 610 08 PG	100	0.52	1
KAT 612 08 PG	125	0.60	1
KAT 615 08 PG	150	0.69	1
KAT 620 08 PG	200	0.90	1
KAT ... H60		1.0mm	
KAT 605 10 PG	50	0.36	1
KAT 607 10 PG	75	0.44	1
KAT 610 10 PG	100	0.66	1
KAT 612 10 PG	125	0.76	1
KAT 615 10 PG	150	0.87	1
KAT 620 10 PG	200	1.13	1
KAT 622 10 PG	225	1.26	1
KAT 625 10 PG	250	1.41	1
KAT 630 10 PG	300	1.84	1
KAT 640 10 PG	400	2.54	1

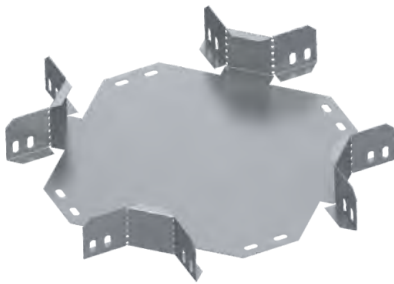
KAT ... H60		1.2mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 630 12 PG	300	2.28	1
KAT 640 12 PG	400	3.18	1
KAT 645 12 PG	450	3.70	1
KAT 650 12 PG	500	4.25	1
KAT 660 12 PG	600	5.46	1
KAT ... H60		1.5mm	
KAT 605 15 PG	50	0.54	1
KAT 607 15 PG	75	0.66	1
KAT 610 15 PG	100	0.98	1
KAT 612 15 PG	125	1.14	1
KAT 615 15 PG	150	1.31	1
KAT 620 15 PG	200	1.69	1
KAT 622 15 PG	225	1.90	1
KAT 625 15 PG	250	2.11	1
KAT 630 15 PG	300	2.85	1
KAT 640 15 PG	400	3.98	1
KAT 645 15 PG	450	4.62	1
KAT 650 15 PG	500	5.31	1
KAT 660 15 PG	600	6.82	1

KAT H60



Cross Bend of Cable Tray

Напречно огъване на кабелна скара



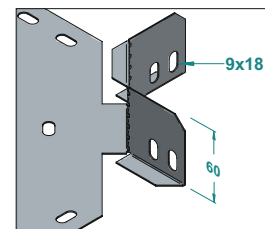
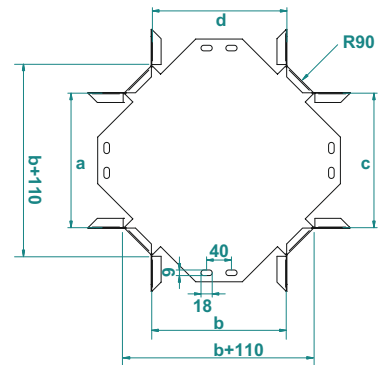
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KAD ... H60		0.8mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 605 08 PG	50	0.37	1
KAD 607 08 PG	75	0.45	1
KAD 610 08 PG	100	0.67	1
KAD 612 08 PG	125	0.76	1
KAD 615 08 PG	150	0.86	1
KAD 620 08 PG	200	1.08	1
KAD ... H60		1.0mm	
KAD 605 10 PG	50	0.47	1
KAD 607 10 PG	75	0.57	1
KAD 610 10 PG	100	0.84	1
KAD 612 10 PG	125	0.95	1
KAD 615 10 PG	150	1.08	1
KAD 620 10 PG	200	1.36	1
KAD 622 10 PG	225	1.50	1
KAD 625 10 PG	250	1.66	1
KAD 630 10 PG	300	2.21	1
KAD 640 10 PG	400	2.99	1

KAD ... H60		1.2mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 630 12 PG	300	2.76	1
KAD 640 12 PG	400	3.74	1
KAD 645 12 PG	450	4.30	1
KAD 650 12 PG	500	4.88	1
KAD 660 12 PG	600	6.18	1
KAD ... H60		1.5mm	
KAD 605 15 PG	50	0.71	1
KAD 607 15 PG	75	0.85	1
KAD 610 15 PG	100	1.26	1
KAD 612 15 PG	125	1.43	1
KAD 615 15 PG	150	1.62	1
KAD 620 15 PG	200	2.04	1
KAD 622 15 PG	225	2.26	1
KAD 625 15 PG	250	2.50	1
KAD 630 15 PG	300	3.45	1
KAD 640 15 PG	400	4.68	1
KAD 645 15 PG	450	5.37	1
KAD 650 15 PG	500	6.10	1
KAD 660 15 PG	600	7.71	1

KAD H60



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



Pre - Galvanised

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KADB ... H60		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KADB 605 08 PG	50	600	0.59	1	1
KADB 607 08 PG	75	600	0.66	1	1
KADB 610 08 PG	100	600	0.74	1	1
KADB 612 08 PG	125	600	0.82	1	1
KADB 615 08 PG	150	600	0.90	1	1
KADB 620 08 PG	200	600	1.05	1	1
KADB ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KADB 605 10 PG	50	600	0.74	1	1
KADB 607 10 PG	75	600	0.83	1	1
KADB 610 10 PG	100	600	0.93	1	1
KADB 612 10 PG	125	600	1.03	1	1
KADB 615 10 PG	150	600	1.13	1	1
KADB 620 10 PG	200	600	1.32	1	1
KADB 622 10 PG	225	600	1.42	1	1
KADB 625 10 PG	250	600	1.52	1	1
KADB 630 10 PG	300	600	1.65	1	1
KADB 640 10 PG	400	600	2.42	1	1

KADB ... H60		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KADB 630 12 PG	300	600	2.06	1	1
KADB 640 12 PG	400	600	3.03	1	1
KADB 645 12 PG	450	600	3.32	1	1
KADB 650 12 PG	500	600	3.60	1	1
KADB 660 12 PG	600	600	4.16	1	1
KADB ... H60		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KADB 605 15 PG	50	600	1.09	1	1
KADB 607 15 PG	75	600	1.23	1	1
KADB 610 15 PG	100	600	1.38	1	1
KADB 612 15 PG	125	600	1.53	1	1
KADB 615 15 PG	150	600	1.68	1	1
KADB 620 15 PG	200	600	1.97	1	1
KADB 622 15 PG	225	600	2.12	1	1
KADB 625 15 PG	250	600	2.26	1	1
KADB 630 15 PG	300	600	2.56	1	1
KADB 640 15 PG	400	600	3.78	1	1
KADB 645 15 PG	450	600	4.13	1	1
KADB 650 15 PG	500	600	4.48	1	1
KADB 660 15 PG	600	600	5.19	1	1

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



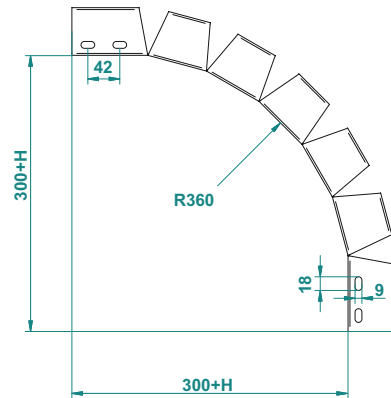
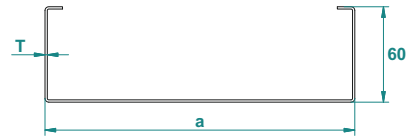
Pre - Galvanised

Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KAIB ... H60		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KAIB 605 08 PG	50	600	0.59	1	1
KAIB 607 08 PG	75	600	0.66	1	1
KAIB 610 08 PG	100	600	0.74	1	1
KAIB 612 08 PG	125	600	0.82	1	1
KAIB 615 08 PG	150	600	0.90	1	1
KAIB 620 08 PG	200	600	1.05	1	1
KAIB ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KAIB 605 10 PG	50	600	0.74	1	1
KAIB 607 10 PG	75	600	0.83	1	1
KAIB 610 10 PG	100	600	0.93	1	1
KAIB 612 10 PG	125	600	1.03	1	1
KAIB 615 10 PG	150	600	1.13	1	1
KAIB 620 10 PG	200	600	1.32	1	1
KAIB 622 10 PG	225	600	1.42	1	1
KAIB 625 10 PG	250	600	1.52	1	1
KAIB 630 10 PG	300	600	1.65	1	1
KAIB 640 10 PG	400	600	2.42	1	1

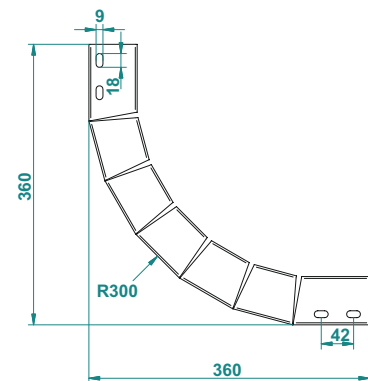
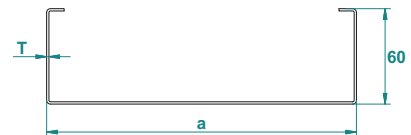
KAIB ... H60		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KAIB 630 12 PG	300	600	2.06	1	1
KAIB 640 12 PG	400	600	3.03	1	1
KAIB 645 12 PG	450	600	3.32	1	1
KAIB 650 12 PG	500	600	3.60	1	1
KAIB 660 12 PG	600	600	4.16	1	1
KAIB ... H60		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
KAIB 605 15 PG	50	600	1.09	1	1
KAIB 607 15 PG	75	600	1.23	1	1
KAIB 610 15 PG	100	600	1.38	1	1
KAIB 612 15 PG	125	600	1.53	1	1
KAIB 615 15 PG	150	600	1.68	1	1
KAIB 620 15 PG	200	600	1.97	1	1
KAIB 622 15 PG	225	600	2.12	1	1
KAIB 625 15 PG	250	600	2.26	1	1
KAIB 630 15 PG	300	600	2.56	1	1
KAIB 640 15 PG	400	600	3.78	1	1
KAIB 645 15 PG	450	600	4.13	1	1
KAIB 650 15 PG	500	600	4.48	1	1
KAIB 660 15 PG	600	600	5.19	1	1

KADB H60



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KAIB H60



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

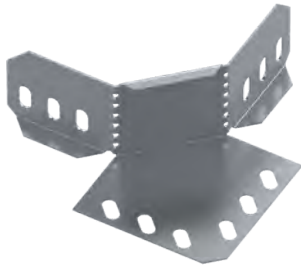
Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Add On 90° Horizontal Corner Bend of Cable Tray

Добавете - 90° Хоризонтално ъглово огъване на кабелна скарата.



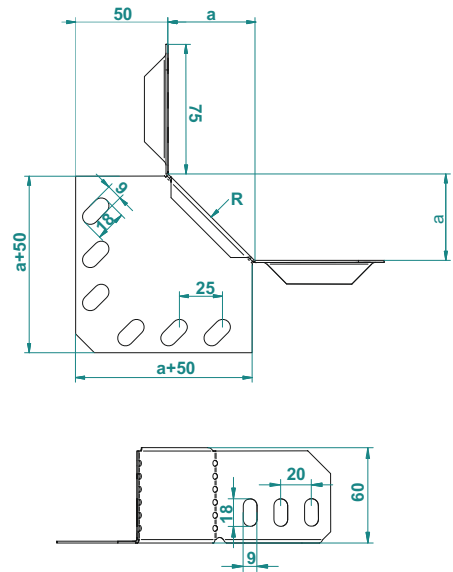
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90E ... H60		0.8mm		kg 1 pc	pcs
CODE	a mm	Radius R mm			
KA90E 6 08 PG	55	90	0.13	1	1
KA90ER1 6 08 PG	90	150	0.20	1	1
KA90ER2 6 08 PG	180	300	0.43	1	1
		1.0mm		kg 1 pc	pcs
CODE	a mm	Radius R mm			
KA90E 6 10 PG	55	90	0.17	1	1
KA90ER1 6 10 PG	90	150	0.26	1	1
KA90ER2 6 10 PG	180	300	0.54	1	1

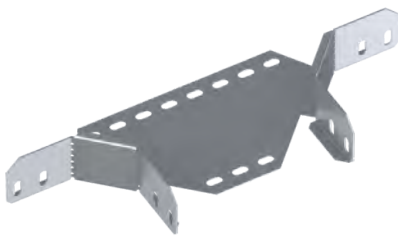
KA90E ... H60		1.5mm		kg 1 pc	pcs
CODE	a mm	Radius R mm			
KA90E 6 15 PG	55	90	0.26	1	1
KA90ER1 6 15 PG	90	150	0.39	1	1
KA90ER2 6 15 PG	180	300	0.80	1	1

KA90E H60



Add on tee horizontal bend

Допълнителна Т-образна хоризонтална чупка



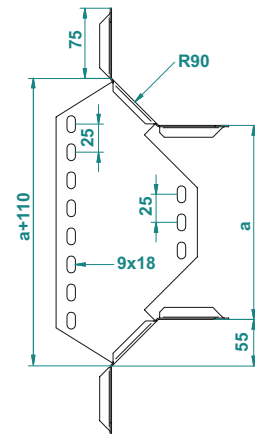
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

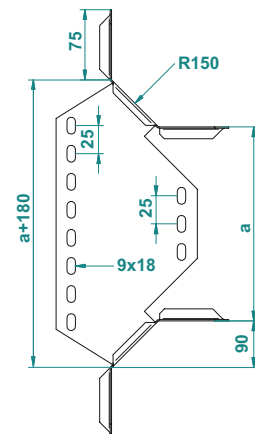
KATE ... H60		0.8mm		kg 1 pc	pcs
CODE	Width a mm	Radius R mm			
KATE 610 08 PG	100	90	0.31	1	1
KATE 612 08 PG	125	90	0.33	1	1
KATE 615 08 PG	150	90	0.36	1	1
KATE 620 08 PG	200	90	0.40	1	1
		1.0mm		kg 1 pc	pcs
CODE	Width a mm	Radius R mm			
KATE 610 10 PG	100	90	0.39	1	1
KATE 612 10 PG	125	90	0.42	1	1
KATE 615 10 PG	150	90	0.45	1	1
KATE 620 10 PG	200	90	0.50	1	1
KATE 622 10 PG	225	90	0.53	1	1
KATE 625 10 PG	250	90	0.55	1	1
KATE 630 10 PG	300	90	0.58	1	1
KATE 640 10 PG	400	90	0.69	1	1

KATER1 ... H60		1.2mm		kg 1 pc	pcs
CODE	Width a mm	Radius R mm			
KATE 630 12 PG	300	90	0.73	1	1
KATE 640 12 PG	400	90	0.86	1	1
KATE 645 12 PG	450	90	0.92	1	1
KATE 650 12 PG	500	90	0.98	1	1
KATE 660 12 PG	600	90	1.11	1	1
		1.5mm		kg 1 pc	pcs
CODE	Width a mm	Radius R mm			
KATER1 610 15 PG	100	150	1.12	1	1
KATER1 612 15 PG	125	150	1.18	1	1
KATER1 615 15 PG	150	150	1.25	1	1
KATER1 620 15 PG	200	150	1.38	1	1
KATER1 622 15 PG	225	150	1.44	1	1
KATER1 625 15 PG	250	150	1.50	1	1
KATER1 630 15 PG	300	150	1.62	1	1
KATER1 640 15 PG	400	150	1.88	1	1
KATER1 645 15 PG	450	150	2.01	1	1
KATER1 650 15 PG	500	150	2.14	1	1
KATER1 660 15 PG	600	150	2.39	1	1

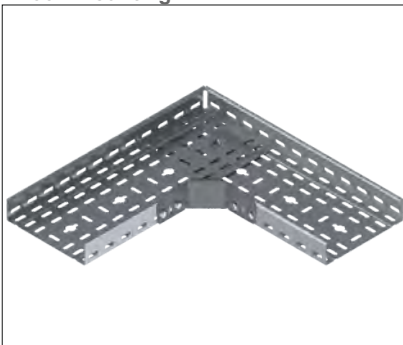
KATE H60



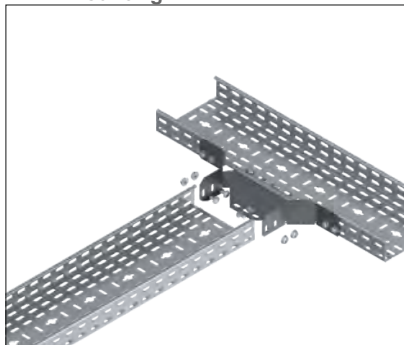
KATER1 H60



KA90E Mounting



KATE Mounting



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.).

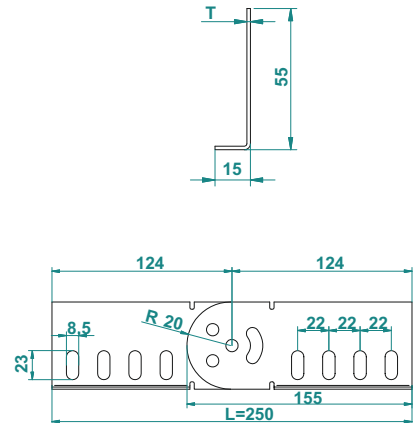


To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

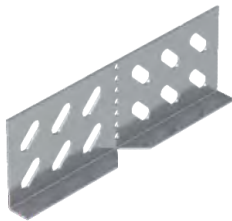
BDD 2 ... H60				BDD 2 ... H60			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BDD 260 12 PG	250	0.18	1	BDD 260 15 PG	250	0.23	1

BDD 2 H60



Adjustable Horizontal Connector

Регулируем хоризонтален конектор.

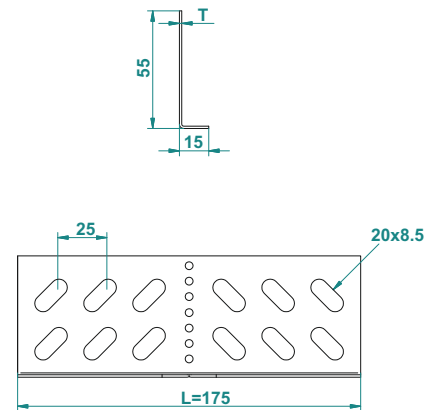


To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

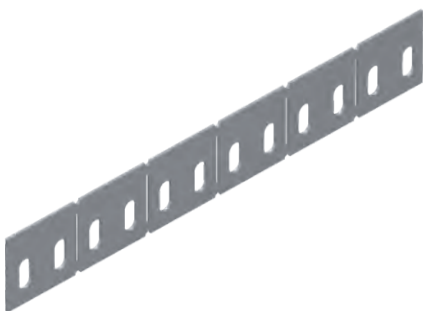
BYD 2 ... H60				BYD 2 ... H60			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYD 260 12 PG	175	0,1	1	BYD 260 15 PG	175	0.13	1

BYD 2 H60



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг.

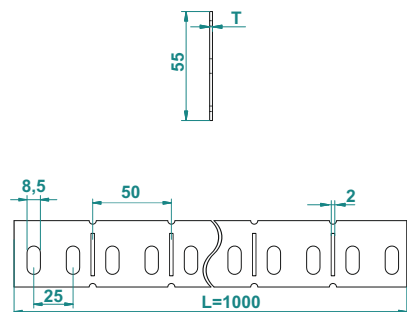


Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

BYDU 1 ... H60				BYDU 1 ... H60			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYDU 160 12 PG	1000	0.3	1	BYDU 160 15 PG	1000	0.38	1

BYDU 1 H60



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Reducer Connector - Single Type

Съединител за редуктор - Единичен тип.



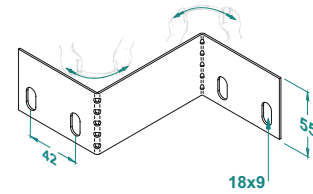
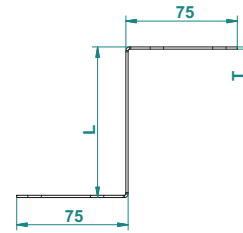
Pre - Galvanised

Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

RT ... H60		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 60 25 15 PG	25	0,112	1
RT 60 50 15 PG	50	0,127	1
RT 60 75 15 PG	75	0,143	1
RT 60 100 15 PG	100	0,159	1
RT 60 125 15 PG	125	0,175	1
RT 60 150 15 PG	150	0,191	1
RT 60 175 15 PG	175	0,207	1
RT 60 200 15 PG	200	0,222	1
RT 60 225 15 PG	225	0,239	1
RT 60 250 15 PG	250	0,255	1
RT 60 275 15 PG	275	0,270	1
RT 60 300 15 PG	300	0,300	1

RT ... H60		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 60 325 15 PG	325	0,302	1
RT 60 350 15 PG	350	0,318	1
RT 60 375 15 PG	375	0,334	1
RT 60 400 15 PG	400	0,350	1
RT 60 425 15 PG	425	0,365	1
RT 60 450 15 PG	450	0,382	1
RT 60 475 15 PG	475	0,398	1
RT 60 500 15 PG	500	0,413	1
RT 60 525 15 PG	525	0,429	1
RT 60 550 15 PG	550	0,446	1
RT 60 575 15 PG	575	0,461	1

RT H60



Stop End (Blind End)

Завършващо парче



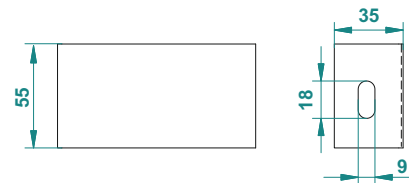
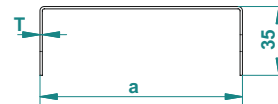
Pre - Galvanised

Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

SON ... H60		1.2mm	
CODE	Width a mm	kg 1 pc	pcs
SON 605 12 PG	50	0,086	1
SON 607 12 PG	75	0,099	1
SON 610 12 PG	100	0,112	1
SON 612 12 PG	125	0,124	1
SON 615 12 PG	150	0,134	1
SON 620 12 PG	200	0,163	1
SON 622 12 PG	225	0,176	1
SON 625 12 PG	250	0,188	1
SON 630 12 PG	300	0,213	1
SON 640 12 PG	400	0,265	1
SON 645 12 PG	450	0,290	1
SON 650 12 PG	500	0,315	1
SON 660 12 PG	600	0,366	1

SON ... H60		1.5mm	
CODE	Width a mm	kg 1 pc	pcs
SON 605 15 PG	50	0,108	1
SON 607 15 PG	75	0,124	1
SON 610 15 PG	100	0,140	1
SON 612 15 PG	125	0,156	1
SON 615 15 PG	150	0,172	1
SON 620 15 PG	200	0,203	1
SON 622 15 PG	225	0,220	1
SON 625 15 PG	250	0,235	1
SON 630 15 PG	300	0,267	1
SON 640 15 PG	400	0,330	1
SON 645 15 PG	450	0,363	1
SON 650 15 PG	500	0,394	1
SON 660 15 PG	600	0,458	1

SON H60



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0,6** **0,8** **1,0** **1,2** **1,5**

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци

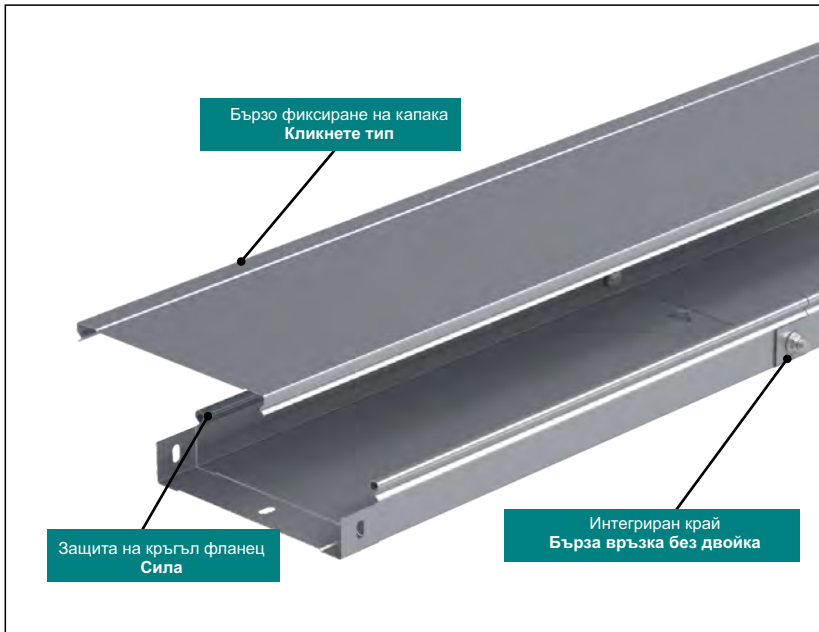


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FPK ... H80		0.6mm		
CODE	Width a mm	Length L mm	Weight 1 pc kg	Quantity pcs
FPK 807 06 PG	75	3000	0.96	2
FPK 810 06 PG	100	3000	1.05	2
FPK 812 06 PG	125	3000	1.14	2
FPK 815 06 PG	150	3000	1.24	2
FPK 820 06 PG	200	3000	1.43	2
FPK ... H80		0.7mm		
FPK 807 07 PG	75	3000	1.12	2
FPK 810 07 PG	100	3000	1.22	2
FPK 812 07 PG	125	3000	1.34	2
FPK 815 07 PG	150	3000	1.45	2
FPK 820 07 PG	200	3000	1.66	2
FPK ... H80		0.8mm		
FPK 807 08 PG	75	3000	1.27	2
FPK 810 08 PG	100	3000	1.39	2
FPK 812 08 PG	125	3000	1.52	2
FPK 815 08 PG	150	3000	1.65	2
FPK 820 08 PG	200	3000	1.90	2
FPK 822 08 PG	225	3000	2.02	2
FPK 825 08 PG	250	3000	2.15	2
FPK 830 08 PG	300	3000	2.40	2

FPK ... H80		1.0mm		
CODE	Width a mm	Length L mm	Weight 1 pc kg	Quantity pcs
FPK 807 10 PG	75	3000	1.58	2
FPK 810 10 PG	100	3000	1.74	2
FPK 812 10 PG	125	3000	1.90	2
FPK 815 10 PG	150	3000	2.05	2
FPK 820 10 PG	200	3000	2.37	2
FPK 822 10 PG	225	3000	2.52	2
FPK 825 10 PG	250	3000	2.68	2
FPK 830 10 PG	300	3000	2.99	2
FPK 840 10 PG	400	3000	3.62	2
FPK 845 10 PG	450	3000	3.77	2
FPK 850 10 PG	500	3000	4.08	2
FPK 860 10 PG	600	3000	4.68	2
FPK ... H80		1.2mm		
FPK 807 12 PG	75	3000	1.90	2
FPK 810 12 PG	100	3000	2.08	2
FPK 812 12 PG	120	3000	2.27	2
FPK 815 12 PG	150	3000	2.46	2
FPK 820 12 PG	200	3000	2.84	2
FPK 822 12 PG	225	3000	3.02	2
FPK 825 12 PG	250	3000	3.22	2
FPK 830 12 PG	300	3000	3.59	2
FPK 840 12 PG	400	3000	4.34	2
FPK 845 12 PG	450	3000	4.72	2
FPK 850 12 PG	500	3000	5.10	2
FPK 860 12 PG	600	3000	5.85	2



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width Of Cable Tray	W	H	40	50	60	75	80	85	100
50	2 Sets	2 Sets	2 Sets	-	-	-	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets

FPK H80

Width	Usable Cross-Section
50	38 cm ²
100	78 cm ²
150	118 cm ²
200	158 cm ²
300	238 cm ²
400	318 cm ²
500	398 cm ²
600	478 cm ²

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm)} / \text{Max. deflection} = L/100$
 Safety co-efficient = 1.5

APPLICATIONS
Cable routing

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)
 Available finishes:
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS- stainless steel AISI 304L and AISI 316L (SS)
 EP- powder coating in a full range of colours (RAL)
 Thickn. (ga) [mm]: 0.6 0.8 1.0 1.2

Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



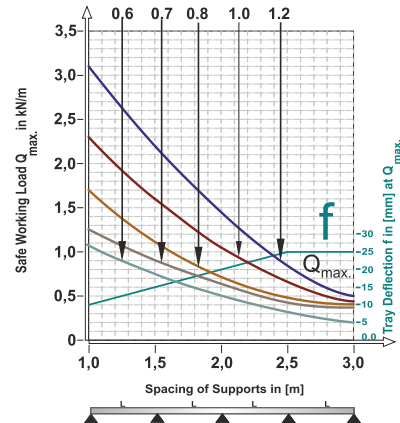
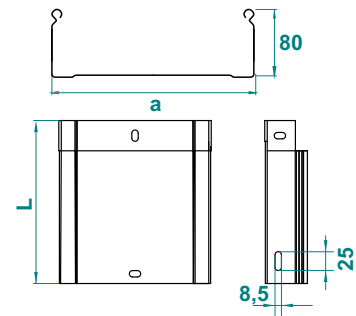
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FDK ... H80		0.6mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
FDK 807 06 PG	75	3000	0.96	2
FDK 810 06 PG	100	3000	1.05	2
FDK 812 06 PG	125	3000	1.14	2
FDK 815 06 PG	150	3000	1.24	2
FDK 820 06 PG	200	3000	1.43	2
FDK ... H80		0.7mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
FDK 807 07 PG	75	3000	1.12	2
FDK 810 07 PG	100	3000	1.22	2
FDK 812 07 PG	125	3000	1.34	2
FDK 815 07 PG	150	3000	1.45	2
FDK 820 07 PG	200	3000	1.66	2
FDK ... H80		0.8mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
FDK 807 08 PG	75	3000	1.27	2
FDK 810 08 PG	100	3000	1.39	2
FDK 812 08 PG	125	3000	1.52	2
FDK 815 08 PG	150	3000	1.65	2
FDK 820 08 PG	200	3000	1.90	2
FDK 822 08 PG	225	3000	2.02	2
FDK 825 08 PG	250	3000	2.15	2
FDK 830 08 PG	300	3000	2.40	2

FDK ... H80		1.0mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
FDK 807 10 PG	75	3000	1.58	2
FDK 810 10 PG	100	3000	1.74	2
FDK 812 10 PG	125	3000	1.90	2
FDK 815 10 PG	150	3000	2.05	2
FDK 820 10 PG	200	3000	2.37	2
FDK 822 10 PG	225	3000	2.52	2
FDK 825 10 PG	250	3000	2.68	2
FDK 830 10 PG	300	3000	2.99	2
FDK 840 10 PG	400	3000	3.62	2
FDK 845 10 PG	450	3000	3.77	2
FDK 850 10 PG	500	3000	4.08	2
FDK 860 10 PG	600	3000	4.68	2
FDK ... H80		1.2mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
FDK 807 12 PG	75	3000	1.90	2
FDK 810 12 PG	100	3000	2.08	2
FDK 812 12 PG	120	3000	2.27	2
FDK 815 12 PG	150	3000	2.46	2
FDK 820 12 PG	200	3000	2.84	2
FDK 822 12 PG	225	3000	3.02	2
FDK 825 12 PG	250	3000	3.22	2
FDK 830 12 PG	300	3000	3.59	2
FDK 840 12 PG	400	3000	4.34	2
FDK 845 12 PG	450	3000	4.72	2
FDK 850 12 PG	500	3000	5.10	2
FDK 860 12 PG	600	3000	5.85	2

FDK H80



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

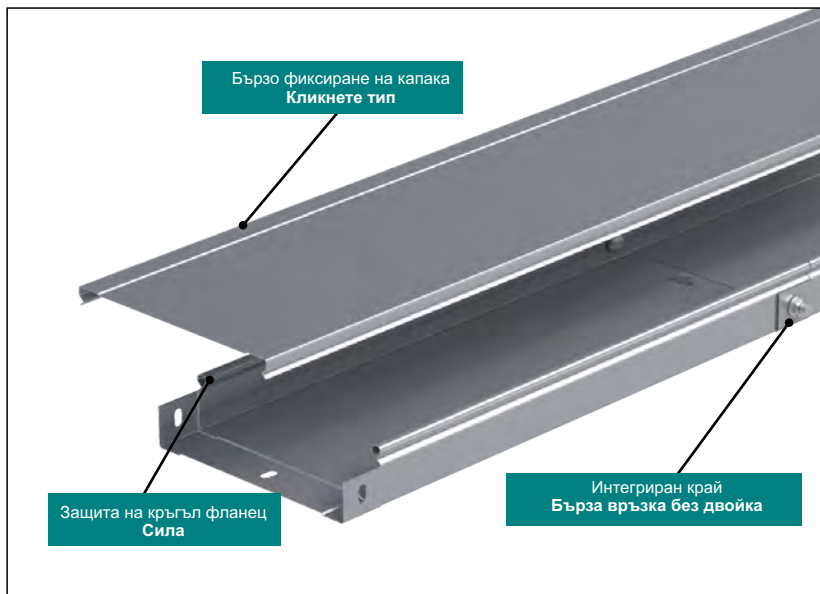
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

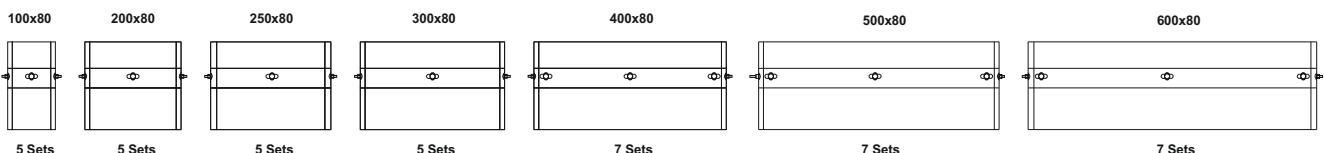
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2**



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

		Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections							
Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		



Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GPK ... H80		0.6mm		
CODE	Width a mm	Length L mm	Kg 1 mt	pcs
GPK 807 06 PG	75	3000	0.96	2
GPK 810 06 PG	100	3000	1.05	2
GPK 812 06 PG	125	3000	1.14	2
GPK 815 06 PG	150	3000	1.24	2
GPK 820 06 PG	200	3000	1.43	2
		0.7mm		
GPK 807 07 PG	75	3000	1.12	2
GPK 810 07 PG	100	3000	1.22	2
GPK 812 07 PG	125	3000	1.34	2
GPK 815 07 PG	150	3000	1.45	2
GPK 820 07 PG	200	3000	1.66	2
GPK ... H80		0.8mm		
GPK 807 08 PG	75	3000	1.27	2
GPK 810 08 PG	100	3000	1.39	2
GPK 812 08 PG	125	3000	1.52	2
GPK 815 08 PG	150	3000	1.65	2
GPK 820 08 PG	200	3000	1.90	2
GPK 822 08 PG	225	3000	2.02	2
GPK 825 08 PG	250	3000	2.15	2
GPK 830 08 PG	300	3000	2.40	2

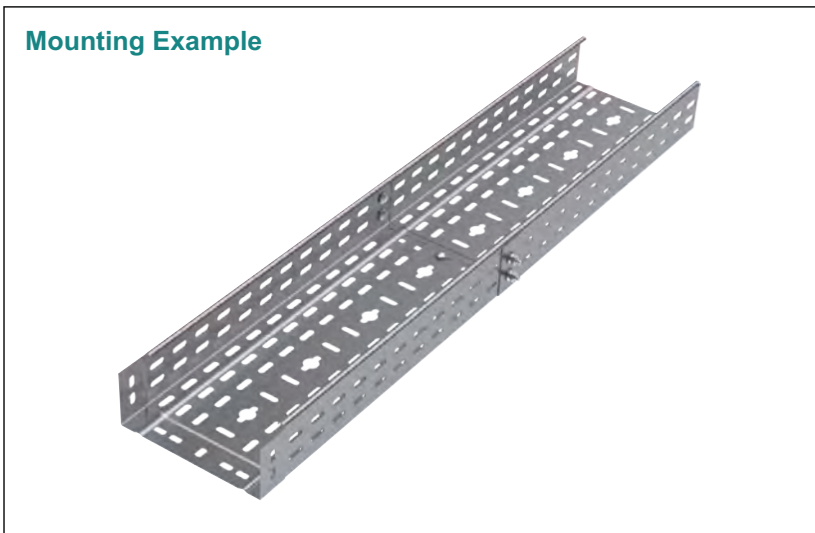
GPK ... H80		1.0mm		
CODE	Width a mm	Length L mm	Kg 1 mt	pcs
GPK 807 10 PG	75	3000	1.58	2
GPK 810 10 PG	100	3000	1.74	2
GPK 812 10 PG	125	3000	1.90	2
GPK 815 10 PG	150	3000	2.05	2
GPK 820 10 PG	200	3000	2.37	2
GPK 822 10 PG	225	3000	2.52	2
GPK 825 10 PG	250	3000	2.68	2
GPK 830 10 PG	300	3000	2.99	2
GPK 840 10 PG	400	3000	3.62	2
		1.2mm		
GPK 807 12 PG	75	3000	1.90	2
GPK 810 12 PG	100	3000	2.08	2
GPK 812 12 PG	125	3000	2.27	2
GPK 815 12 PG	150	3000	2.46	2
GPK 820 12 PG	200	3000	2.84	2
GPK 822 12 PG	225	3000	3.02	2
GPK 825 12 PG	250	3000	3.22	2
GPK 830 12 PG	300	3000	3.59	2
GPK 840 12 PG	400	3000	4.34	2
GPK 845 12 PG	450	3000	4.72	2
GPK 850 12 PG	500	3000	5.10	2
GPK 860 12 PG	600	3000	5.85	2

GPK H80

This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safety co-efficient = 1.5

Width	Usable Cross-Section
50	38 cm ²
100	78 cm ²
150	118 cm ²
200	158 cm ²
300	238 cm ²
400	318 cm ²
500	398 cm ²
600	478 cm ²

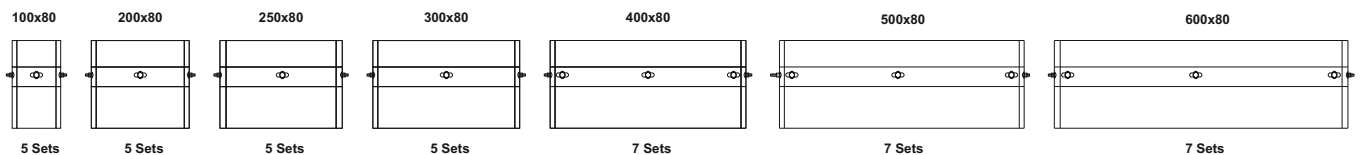
Mounting Example



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



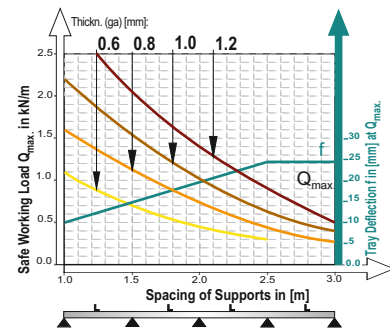
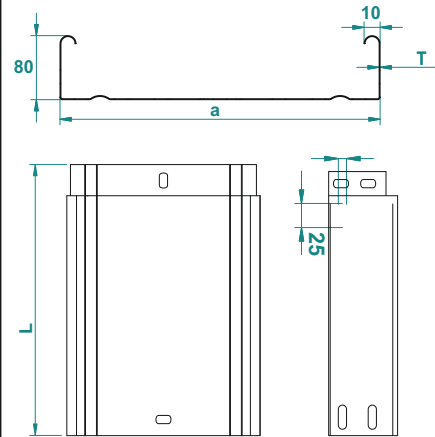
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

GDK ... H80		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 807 06 PG	75	3000	0.96	2	
GDK 810 06 PG	100	3000	1.05	2	
GDK 812 06 PG	125	3000	1.14	2	
GDK 815 06 PG	150	3000	1.24	2	
GDK 820 06 PG	200	3000	1.43	2	
GDK ... H80		0.7mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 807 07 PG	75	3000	1.12	2	
GDK 810 07 PG	100	3000	1.22	2	
GDK 812 07 PG	125	3000	1.34	2	
GDK 815 07 PG	150	3000	1.45	2	
GDK 820 07 PG	200	3000	1.66	2	
GDK ... H80		0.8mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 807 08 PG	75	3000	1.27	2	
GDK 810 08 PG	100	3000	1.39	2	
GDK 812 08 PG	125	3000	1.52	2	
GDK 815 08 PG	150	3000	1.65	2	
GDK 820 08 PG	200	3000	1.90	2	
GDK 822 08 PG	225	3000	2.02	2	
GDK 825 08 PG	250	3000	2.15	2	
GDK 830 08 PG	300	3000	2.40	2	

GDK ... H80		1.0mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 807 10 PG	75	3000	1.58	2	
GDK 810 10 PG	100	3000	1.74	2	
GDK 812 10 PG	125	3000	1.90	2	
GDK 815 10 PG	150	3000	2.05	2	
GDK 820 10 PG	200	3000	2.37	2	
GDK 822 10 PG	225	3000	2.52	2	
GDK 825 10 PG	250	3000	2.68	2	
GDK 830 10 PG	300	3000	2.99	2	
GDK 840 10 PG	400	3000	3.62	2	
GDK ... H80		1.2mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
GDK 807 12 PG	75	3000	1.90	2	
GDK 810 12 PG	100	3000	2.08	2	
GDK 812 12 PG	125	3000	2.27	2	
GDK 815 12 PG	150	3000	2.46	2	
GDK 820 12 PG	200	3000	2.84	2	
GDK 822 12 PG	225	3000	3.02	2	
GDK 825 12 PG	250	3000	3.22	2	
GDK 830 12 PG	300	3000	3.59	2	
GDK 840 12 PG	400	3000	4.34	2	
GDK 845 12 PG	450	3000	4.72	2	
GDK 850 12 PG	500	3000	5.10	2	
GDK 860 12 PG	600	3000	5.85	2	

GDK H80



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm)} / \text{Max. deflection} = L/100$
 Safety co-efficient = 1.5

Width	Usable Cross-Section
50	38 cm ²
100	78 cm ²
150	118 cm ²
200	158 cm ²
300	238 cm ²
400	318 cm ²
500	398 cm ²
600	478 cm ²

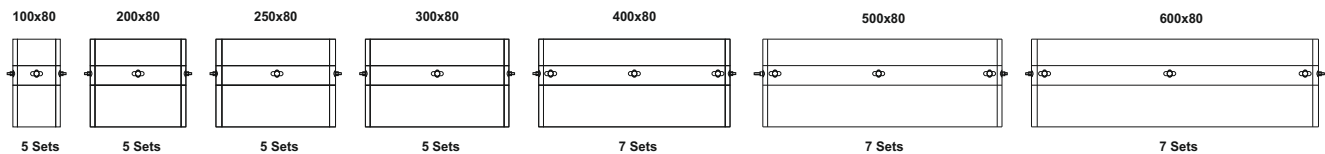
Mounting Example



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets		
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets		

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections



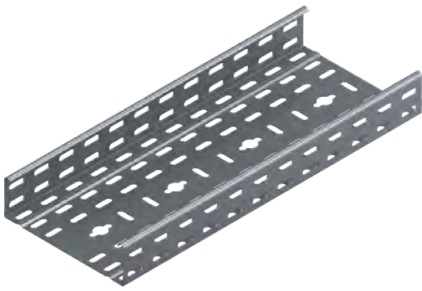
Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

APK ... H80		0.6mm			
CODE	Width a mm	Length L mm	kg 1mt	pcs	
APK 807 06 PG	75	3000	0.96	2	
APK 810 06 PG	100	3000	1.05	2	
APK 812 06 PG	125	3000	1.14	2	
APK 815 06 PG	150	3000	1.24	2	
APK 820 06 PG	200	3000	1.43	2	
		0.8mm			
APK 807 08 PG	75	3000	1.27	2	
APK 810 08 PG	100	3000	1.39	2	
APK 812 08 PG	125	3000	1.52	2	
APK 815 08 PG	150	3000	1.65	2	
APK 820 08 PG	200	3000	1.90	2	
APK 822 08 PG	225	3000	2.02	2	
APK 825 08 PG	250	3000	2.15	2	
APK 830 08 PG	300	3000	2.40	2	
		1.0mm			
APK 807 10 PG	75	3000	1.58	2	
APK 810 10 PG	100	3000	1.74	2	
APK 812 10 PG	125	3000	1.90	2	
APK 815 10 PG	150	3000	2.05	2	
APK 820 10 PG	200	3000	2.37	2	
APK 822 10 PG	225	3000	2.52	2	
APK 825 10 PG	250	3000	2.68	2	
APK 830 10 PG	300	3000	2.99	2	
APK 840 10 PG	400	3000	3.62	2	

APK ... H80		1.2mm			
CODE	Width a mm	Length L mm	kg 1mt	pcs	
APK 807 12 PG	75	3000	1.90	2	
APK 810 12 PG	100	3000	2.08	2	
APK 812 12 PG	125	3000	2.27	2	
APK 815 12 PG	150	3000	2.46	2	
APK 820 12 PG	200	3000	2.84	2	
APK 822 12 PG	225	3000	3.02	2	
APK 825 12 PG	250	3000	3.22	2	
APK 830 12 PG	300	3000	3.59	2	
APK 840 12 PG	400	3000	4.34	2	
APK 845 12 PG	450	3000	4.72	2	
APK 850 12 PG	500	3000	5.10	2	
APK 860 12 PG	600	3000	5.85	2	
		1.5mm			
APK 807 15 PG	75	3000	2.35	2	
APK 810 15 PG	100	3000	2.58	2	
APK 812 15 PG	125	3000	2.82	2	
APK 815 15 PG	150	3000	3.06	2	
APK 820 15 PG	200	3000	3.53	2	
APK 822 15 PG	225	3000	3.76	2	
APK 825 15 PG	250	3000	4.00	2	
APK 830 15 PG	300	3000	4.47	2	
APK 840 15 PG	400	3000	5.41	2	
APK 845 15 PG	450	3000	5.88	2	
APK 850 15 PG	500	3000	6.35	2	
APK 860 15 PG	600	3000	7.30	2	

Straight Connector (Coupler)

Прав конектор



Pre - Galvanised

KBE 2 ... H80		1.0mm			
CODE	Length L mm	kg 1 pc	pcs		
KBE 280 10 PG	175	0.12	100		
KBE 2 ... H80		1.2mm			
KBE 280 12 PG	175	0.12	100		

To install one lenght ;use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

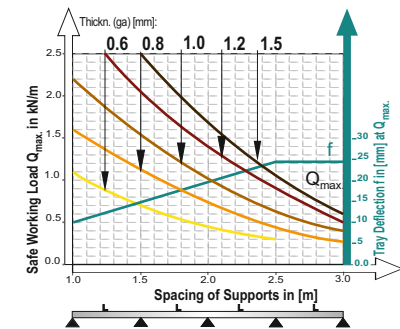
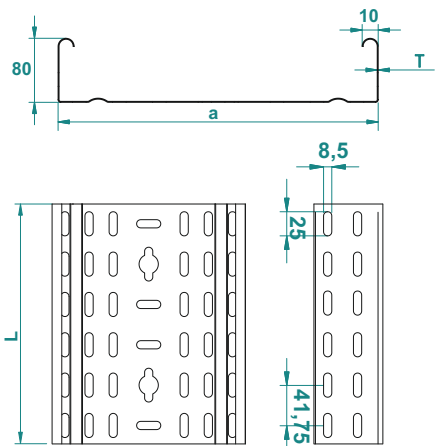
KBE 2 ... H80		1.5mm			
CODE	Length L mm	kg 1 pc	pcs		
KBE 280 15 PG	175	0.15	100		

Electro - Galvanized

CFS M6		M6			
CODE	Size mm	Length L mm	kg 1Set	pcs	
CFS M6 EG	M6	15	0.008	500	

CFS M8		M8			
CODE	Size mm	Length L mm	kg 1Set	pcs	
CFS M8 EG	M8	15	0.014	500	

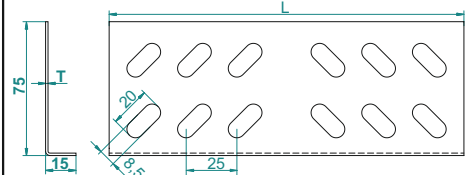
APK H80



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safely co-efficient = 1.5

Width	Usable Cross-Section
50	38 cm ²
100	78 cm ²
150	118 cm ²
200	158 cm ²
300	238 cm ²
400	318 cm ²
500	398 cm ²
600	478 cm ²

KBE 2



M6x15 Round head squire neck bolt & M6 Flanged nut



APPLICATIONS
Cable routing

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Non Perforated Cable Trays - Return Flanges

Неперфорирани кабелни скари - Обратни фланци.



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

ADK ... H80		0.6mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
ADK 807 06 PG	75	3000	1.20	2	
ADK 810 06 PG	100	3000	1.31	2	
ADK 812 06 PG	125	3000	1.43	2	
ADK 815 06 PG	150	3000	1.55	2	
ADK 820 06 PG	200	3000	1.79	2	
		0.8mm			
ADK 807 08 PG	75	3000	1.59	2	
ADK 810 08 PG	100	3000	1.74	2	
ADK 812 08 PG	125	3000	1.90	2	
ADK 815 08 PG	150	3000	2.06	2	
ADK 820 08 PG	200	3000	2.37	2	
ADK 822 08 PG	225	3000	2.53	2	
ADK 825 08 PG	250	3000	2.69	2	
ADK 830 08 PG	300	3000	3.00	2	
		1.0mm			
ADK 807 10 PG	75	3000	1.98	2	
ADK 810 10 PG	100	3000	2.17	2	
ADK 812 10 PG	125	3000	2.37	2	
ADK 815 10 PG	150	3000	2.56	2	
ADK 820 10 PG	200	3000	2.96	2	
ADK 822 10 PG	225	3000	3.15	2	
ADK 825 10 PG	250	3000	3.35	2	
ADK 830 10 PG	300	3000	3.74	2	
ADK 840 10 PG	400	3000	4.53	2	

ADK ... H80		1.2mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
ADK 807 12 PG	75	3000	2.37	2	
ADK 810 12 PG	100	3000	2.60	2	
ADK 812 12 PG	125	3000	2.84	2	
ADK 815 12 PG	150	3000	3.08	2	
ADK 820 12 PG	200	3000	3.55	2	
ADK 822 12 PG	225	3000	3.78	2	
ADK 825 12 PG	250	3000	4.02	2	
ADK 830 12 PG	300	3000	4.49	2	
ADK 840 12 PG	400	3000	5.43	2	
ADK 845 12 PG	450	3000	5.90	2	
ADK 850 12 PG	500	3000	6.37	2	
ADK 860 12 PG	600	3000	7.31	2	
		1.5mm			
ADK 807 15 PG	75	3000	2.94	2	
ADK 810 15 PG	100	3000	3.23	2	
ADK 812 15 PG	125	3000	3.53	2	
ADK 815 15 PG	150	3000	3.82	2	
ADK 820 15 PG	200	3000	4.41	2	
ADK 822 15 PG	225	3000	4.70	2	
ADK 825 15 PG	250	3000	5.00	2	
ADK 830 15 PG	300	3000	5.59	2	
ADK 840 15 PG	400	3000	6.76	2	
ADK 845 15 PG	450	3000	7.35	2	
ADK 850 15 PG	500	3000	7.94	2	
ADK 860 15 PG	600	3000	9.12	2	

Separator

Разделител



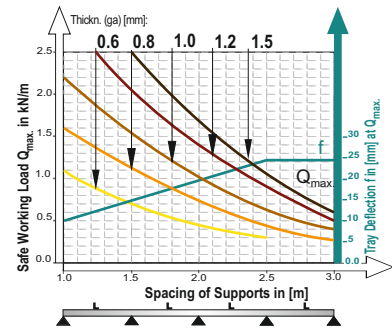
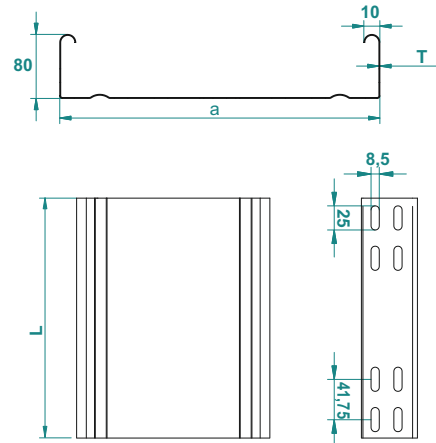
To Install Separator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

SEP 1 ... H80		1.0mm			
CODE	Length L mm	kg 1m	pcs		
SEP 180 10 PG	3000	0.75	1		

SEP 1 ... H80		1.5mm			
CODE	Length L mm	kg 1m	pcs		
SEP 180 15 PG	3000	1.12	1		

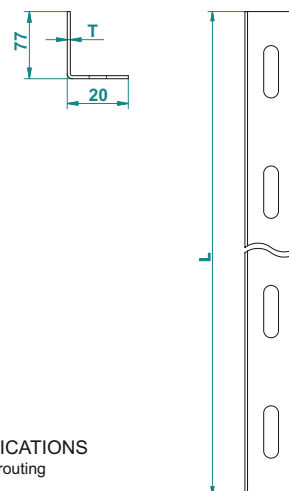
ADK H80



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	40 cm ²
100	80 cm ²
150	120 cm ²
200	160 cm ²
300	240 cm ²
400	320 cm ²
500	400 cm ²
600	480 cm ²

SEP 1 H80



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

90° Horizontal Bend of Cable Tray

90° Хоризонтално ъглово огъване на кабелна скара



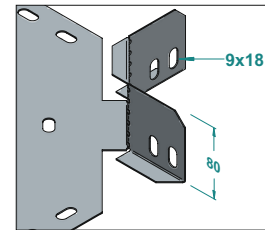
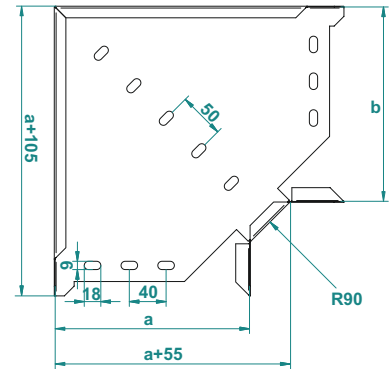
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90 ... H80		0.8mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA90 807 08 PG	75	0.30	1
KA90 810 08 PG	100	0.44	1
KA90 812 08 PG	125	0.51	1
KA90 815 08 PG	150	0.59	1
KA90 820 08 PG	200	0.77	1
KA90 ... H80		1.0mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA90 807 10 PG	75	0.38	1
KA90 810 10 PG	100	0.55	1
KA90 812 10 PG	125	0.64	1
KA90 815 10 PG	150	0.74	1
KA90 820 10 PG	200	0.97	1
KA90 822 10 PG	225	1.09	1
KA90 825 10 PG	250	1.22	1
KA90 830 10 PG	300	1.54	1
KA90 840 10 PG	400	2.18	1

KA90 ... H80		1.2mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA90 830 12 PG	300	1.91	1
KA90 840 12 PG	400	2.72	1
KA90 845 12 PG	450	3.17	1
KA90 850 12 PG	500	3.66	1
KA90 860 12 PG	600	4.75	1
KA90 ... H80		1.5mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA90 807 15 PG	75	0.57	1
KA90 810 15 PG	100	0.82	1
KA90 812 15 PG	125	0.96	1
KA90 815 15 PG	150	1.11	1
KA90 820 15 PG	200	1.45	1
KA90 822 15 PG	225	1.63	1
KA90 825 15 PG	250	1.83	1
KA90 830 15 PG	300	2.39	1
KA90 840 15 PG	400	3.39	1
KA90 845 15 PG	450	3.96	1
KA90 850 15 PG	500	4.58	1
KA90 860 15 PG	600	5.94	1

KA90 H80



45° Horizontal Bend of Cable Tray

45° Хоризонтално ъглово огъване на кабелна скара



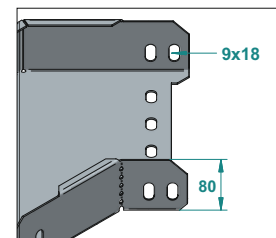
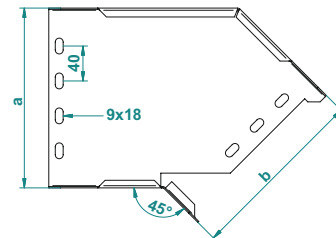
Pre - Galvanised

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA45 ... H80		0.8mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA45 807 08 PG	75	0.32	1
KA45 810 08 PG	100	0.39	1
KA45 812 08 PG	125	0.49	1
KA45 815 08 PG	150	0.57	1
KA45 820 08 PG	200	0.75	1
KA45 ... H80		1.0mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA45 807 10 PG	75	0.41	1
KA45 810 10 PG	100	0.49	1
KA45 812 10 PG	125	0.62	1
KA45 815 10 PG	150	0.72	1
KA45 820 10 PG	200	0.94	1
KA45 822 10 PG	225	1.06	1
KA45 825 10 PG	250	1.19	1
KA45 830 10 PG	300	1.40	1
KA45 840 10 PG	400	2.03	1

KA45 ... H80		1.2mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA45 830 12 PG	300	1.76	1
KA45 840 12 PG	400	2.54	1
KA45 845 12 PG	450	2.98	1
KA45 850 12 PG	500	3.46	1
KA45 860 12 PG	600	4.52	1
KA45 ... H80		1.5mm	
CODE	Width a=b mm	Kg 1 pc	pcs
KA45 807 15 PG	75	0.61	1
KA45 810 15 PG	100	0.73	1
KA45 812 15 PG	125	0.93	1
KA45 815 15 PG	150	1.08	1
KA45 820 15 PG	200	1.41	1
KA45 822 15 PG	225	1.59	1
KA45 825 15 PG	250	1.78	1
KA45 830 15 PG	300	2.20	1
KA45 840 15 PG	400	3.18	1
KA45 845 15 PG	450	3.73	1
KA45 850 15 PG	500	4.32	1
KA45 860 15 PG	600	5.65	1

KA45 H80



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

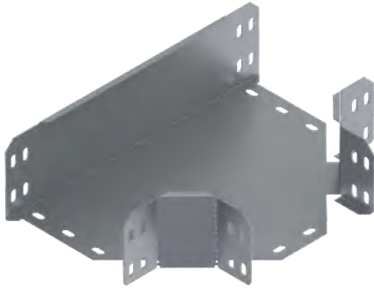
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Tee Horizontal Bend of Cable Tray

T-образно хоризонтално ъглово огъване на кабелна скара.



Pre - Galvanised

KAT ... H80		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 807 08 PG	75	0.40	1
KAT 810 08 PG	100	0.58	1
KAT 812 08 PG	125	0.67	1
KAT 815 08 PG	150	0.76	1
KAT 820 08 PG	200	0.96	1
1.0mm			
KAT 807 10 PG	75	0.51	1
KAT 810 10 PG	100	0.73	1
KAT 812 10 PG	125	0.84	1
KAT 815 10 PG	150	0.95	1
KAT 820 10 PG	200	1.20	1
KAT 822 10 PG	225	1.34	1
KAT 825 10 PG	250	1.49	1
KAT 830 10 PG	300	1.89	1
KAT 840 10 PG	400	2.61	1

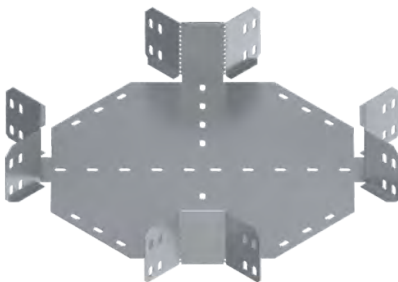
Important!

To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KAT ... H80		1.2mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 830 12 PG	300	2.37	1
KAT 840 12 PG	400	3.26	1
KAT 845 12 PG	450	3.76	1
KAT 850 12 PG	500	4.30	1
KAT 860 12 PG	600	5.47	1
1.5mm			
KAT 807 15 PG	75	0.77	1
KAT 810 15 PG	100	1.09	1
KAT 812 15 PG	125	1.25	1
KAT 815 15 PG	150	1.43	1
KAT 820 15 PG	200	1.81	1
KAT 822 15 PG	225	2.01	1
KAT 825 15 PG	250	2.23	1
KAT 830 15 PG	300	2.96	1
KAT 840 15 PG	400	4.08	1
KAT 845 15 PG	450	4.70	1
KAT 850 15 PG	500	5.37	1
KAT 860 15 PG	600	6.84	1

Cross Bend of Cable Tray

Напречно огъване на кабелна скара



Pre - Galvanised

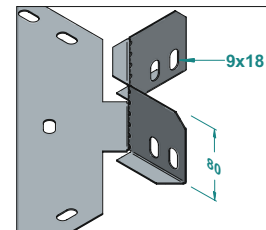
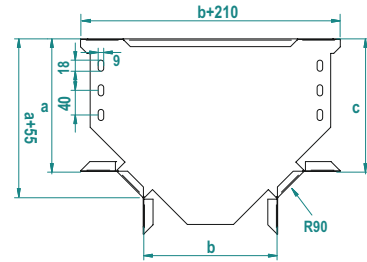
KAD ... H80		0.8mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 807 08 PG	75	0.54	1
KAD 810 08 PG	100	0.77	1
KAD 812 08 PG	125	0.87	1
KAD 815 08 PG	150	0.97	1
KAD 820 08 PG	200	1.20	1
1.0mm			
KAD 807 10 PG	75	0.68	1
KAD 810 10 PG	100	0.97	1
KAD 812 10 PG	125	1.09	1
KAD 815 10 PG	150	1.22	1
KAD 820 10 PG	200	1.50	1
KAD 822 10 PG	225	1.65	1
KAD 825 10 PG	250	1.81	1
KAD 830 10 PG	300	2.35	1
KAD 840 10 PG	400	3.14	1

Important!

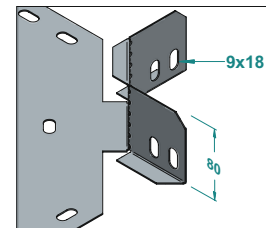
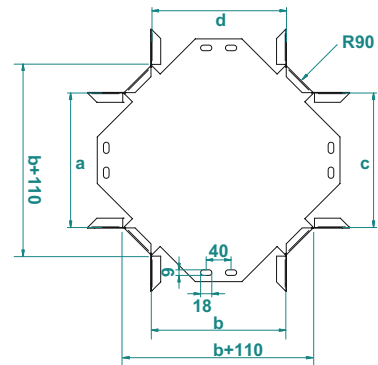
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KAD ... H80		1.2mm	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
KAD 830 12 PG	300	2.94	1
KAD 840 12 PG	400	3.92	1
KAD 845 12 PG	450	4.47	1
KAD 850 12 PG	500	5.04	1
KAD 860 12 PG	600	6.31	1
1.5mm			
KAD 807 15 PG	75	1.02	1
KAD 810 15 PG	100	1.45	1
KAD 812 15 PG	125	1.63	1
KAD 815 15 PG	150	1.83	1
KAD 820 15 PG	200	2.25	1
KAD 822 15 PG	225	2.48	1
KAD 825 15 PG	250	2.72	1
KAD 830 15 PG	300	3.67	1
KAD 840 15 PG	400	4.90	1
KAD 845 15 PG	450	5.58	1
KAD 850 15 PG	500	6.31	1
KAD 860 15 PG	600	7.89	1

KAT H80



KAD H80



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

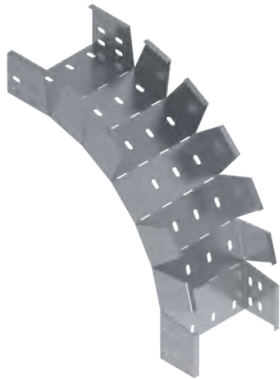
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 0.8 1.0 1.2 1.5

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



Pre - Galvanised

KADB ... H80		0.8mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KADB 807 08 PG	75	600	0.59	1
KADB 810 08 PG	100	600	0.64	1
KADB 812 08 PG	125	600	0.76	1
KADB 815 08 PG	150	600	0.96	1
KADB 820 08 PG	200	600	1.11	1
		1.0mm		
KADB 807 10 PG	75	600	0.93	1
KADB 810 10 PG	100	600	1.02	1
KADB 812 10 PG	125	600	1.11	1
KADB 815 10 PG	150	600	1.20	1
KADB 820 10 PG	200	600	1.39	1
KADB 822 10 PG	225	600	1.48	1
KADB 825 10 PG	250	600	1.58	1
KADB 830 10 PG	300	600	1.71	1
KADB 840 10 PG	400	600	2.44	1

Important!

To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

KADB ... H80		1.2mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KADB 830 12 PG	300	600	2.11	1
KADB 840 12 PG	400	600	3.05	1
KADB 845 12 PG	450	600	3.32	1
KADB 850 12 PG	500	600	3.59	1
KADB 860 12 PG	600	600	4.12	1
		1.5mm		
KADB 807 15 PG	75	600	1.38	1
KADB 810 15 PG	100	600	1.52	1
KADB 812 15 PG	125	600	1.66	1
KADB 815 15 PG	150	600	1.79	1
KADB 820 15 PG	200	600	2.07	1
KADB 822 15 PG	225	600	2.21	1
KADB 825 15 PG	250	600	2.35	1
KADB 830 15 PG	300	600	2.62	1
KADB 840 15 PG	400	600	3.80	1
KADB 845 15 PG	450	600	4.14	1
KADB 850 15 PG	500	600	4.47	1
KADB 860 15 PG	600	600	5.13	1

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



Pre - Galvanised

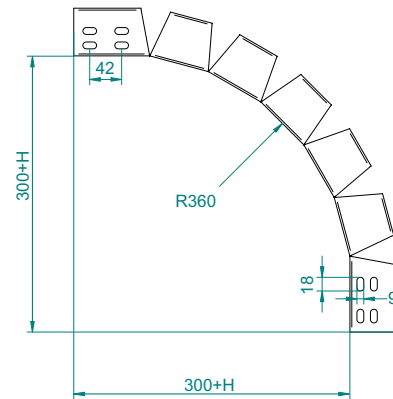
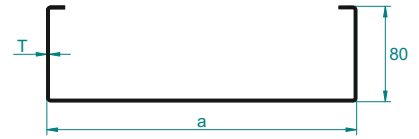
KAIB ... H80		0.8mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KAIB 807 08 PG	75	600	0.59	1
KAIB 810 08 PG	100	600	0.64	1
KAIB 812 08 PG	125	600	0.76	1
KAIB 815 08 PG	150	600	0.96	1
KAIB 820 08 PG	200	600	1.11	1
		1.0mm		
KAIB 807 10 PG	75	600	0.93	1
KAIB 810 10 PG	100	600	1.02	1
KAIB 812 10 PG	125	600	1.11	1
KAIB 815 10 PG	150	600	1.20	1
KAIB 820 10 PG	200	600	1.39	1
KAIB 822 10 PG	225	600	1.48	1
KAIB 825 10 PG	250	600	1.58	1
KAIB 830 10 PG	300	600	1.71	1
KAIB 840 10 PG	300	600	2.44	1

Important!

To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

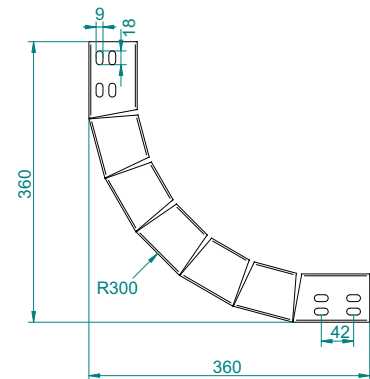
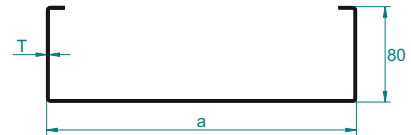
KADB ... H80		1.2mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KAIB 830 12 PG	300	600	2.11	1
KAIB 840 12 PG	400	600	3.05	1
KAIB 845 12 PG	450	600	3.32	1
KAIB 850 12 PG	500	600	3.59	1
KAIB 860 12 PG	600	600	4.12	1
		1.5mm		
KAIB 807 15 PG	75	600	1.38	1
KAIB 810 15 PG	100	600	1.52	1
KAIB 812 15 PG	125	600	1.66	1
KAIB 815 15 PG	150	600	1.79	1
KAIB 820 15 PG	200	600	2.07	1
KAIB 822 15 PG	225	600	2.21	1
KAIB 825 15 PG	250	600	2.35	1
KAIB 830 15 PG	300	600	2.62	1
KAIB 840 15 PG	400	600	3.80	1
KAIB 845 15 PG	450	600	4.14	1
KAIB 850 15 PG	500	600	4.47	1
KAIB 860 15 PG	600	600	5.13	1

KADB H80



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KAIB H80



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Add On 90° Horizontal Corner Bend of Cable Tray

Добавяне - 90° Хоризонтално ъглово огъване на кабелна скарата



Pre - Galvanised

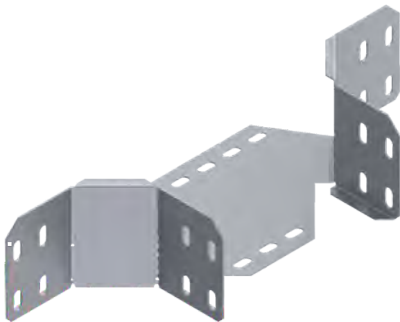
KA90E ... H80		0.8mm		
CODE	a mm	Radius R mm	KG 1 pc	pcs
KA90E 8 08 PG	55	90	0.14	1
KA90ER1 8 08 PG	90	150	0.21	1
KA90ER2 8 08 PG	180	300	0.43	1
		1.0mm		
KA90E 8 10 PG	55	90	0.18	1
KA90ER1 8 10 PG	90	150	0.27	1
KA90ER2 8 10 PG	180	300	0.54	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90E ... H80		1.5mm		
CODE	a mm	Radius R mm	KG 1 pc	pcs
KA90E 8 15 PG	55	90	0.27	1
KA90ER1 8 15 PG	90	150	0.41	1
KA90ER2 8 15 PG	180	300	0.81	1

Add on tee horizontal bend

Добавяне Т-образна хоризонтална чупка.



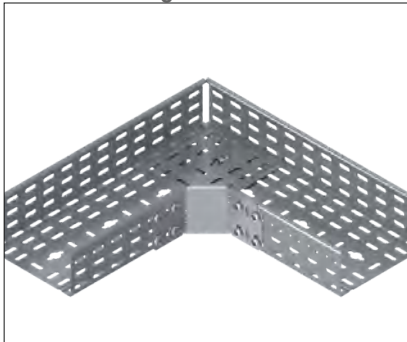
Pre - Galvanised

KATE ... H80		0.8mm		
CODE	Width a mm	Radius R mm	KG 1 pc	pcs
KATE 810 10 PG	100	90	0.35	1
KATE 812 10 PG	125	90	0.36	1
KATE 815 10 PG	150	90	0.39	1
KATE 820 10 PG	200	90	0.44	1
		1.0mm		
KATE 810 10 PG	100	90	0.44	1
KATE 812 10 PG	125	90	0.46	1
KATE 815 10 PG	150	90	0.49	1
KATE 820 10 PG	200	90	0.55	1
KATE 822 10 PG	225	90	0.58	1
KATE 825 10 PG	250	90	0.60	1
KATE 830 10 PG	300	90	0.63	1
KATE 840 10 PG	400	90	0.74	1

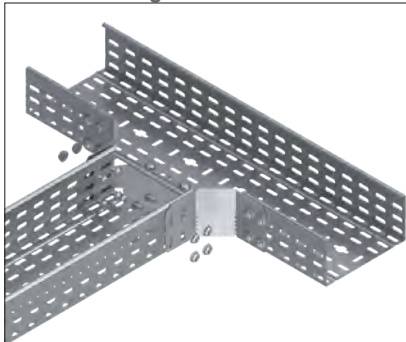
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KATE ... H80		1.2mm		
CODE	Width a mm	Radius R mm	KG 1 pc	pcs
KATE 830 12 PG	300	90	0.79	1
KATE 840 12 PG	400	90	0.93	1
KATE 845 12 PG	450	90	0.99	1
KATE 850 12 PG	500	90	0.98	1
KATE 860 12 PG	600	90	1.19	1
		1.5mm		
KATER1 810 15 PG	100	150	1.18	1
KATER1 812 15 PG	125	150	1.24	1
KATER1 815 15 PG	150	150	1.31	1
KATER1 820 15 PG	200	150	1.43	1
KATER1 822 15 PG	225	150	1.50	1
KATER1 825 15 PG	250	150	1.56	1
KATER1 830 15 PG	300	150	1.69	1
KATER1 840 15 PG	400	150	1.95	1
KATER1 845 15 PG	450	150	2.07	1
KATER1 850 15 PG	500	150	2.20	1
KATER1 860 15 PG	600	150	2.46	1

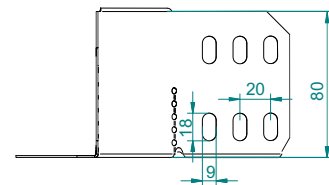
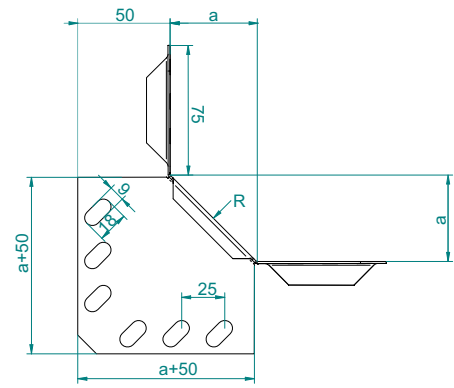
KA90E Mounting



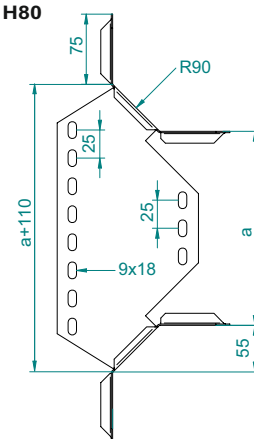
KATE Mounting



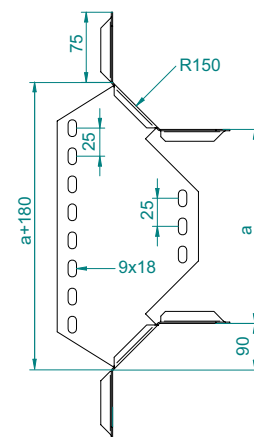
KA90E H80



KATE H80



KATER1 H80



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | **0.8** | **1.0** | **1.2** | **1.5**

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.).



Pre - Galvanised

BDD 2 ... H80		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 280 12 PG	250	0.22	1

To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

BDD 2 ... H80		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BDD 280 15 PG	250	0.27	1

Adjustable Horizontal Connector

Регулируем хоризонтален конектор



Pre - Galvanised

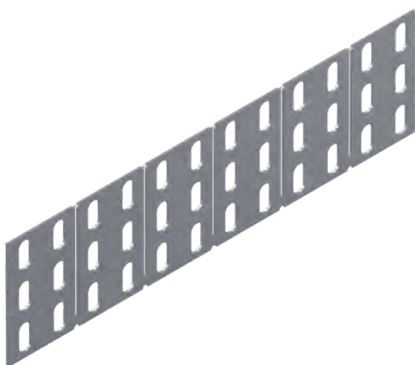
BYD 2 ... H80		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 280 12 PG	175	0,12	1

To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

BYD 2 ... H80		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 280 15 PG	175	0.15	1

Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг



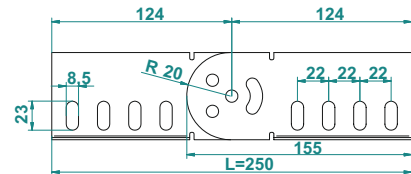
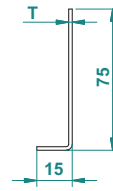
Pre - Galvanised

BYDU 1 ... H80		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 180 12 PG	1000	0.29	1

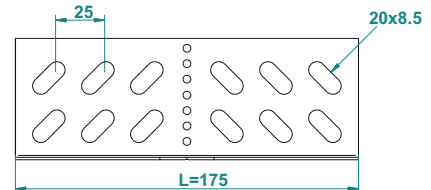
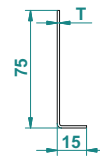
Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

BYDU 1 ... H80		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 180 15 PG	1000	0.36	1

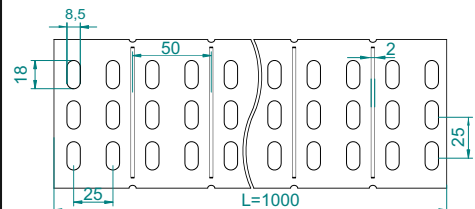
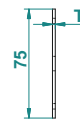
BDD 2 H80



BYD 2 H80



BYDU 1 H60



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

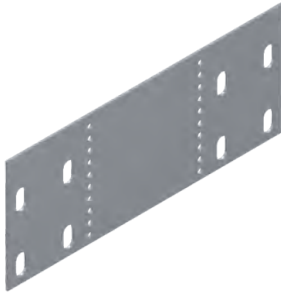
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 0.8 1.0 1.2 1.5**

Reducer Connector - Single Type

Конектор за редуктор



Pre - Galvanised

Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

RT ... H80		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
RT 80 25 15 PG	25	0.12	1
RT 80 50 15 PG	50	0.14	1
RT 80 75 15 PG	75	0.16	1
RT 80 100 15 PG	100	0.18	1
RT 80 125 15 PG	125	0.19	1
RT 80 150 15 PG	150	0.21	1
RT 80 175 15 PG	175	0.23	1
RT 80 200 15 PG	200	0.25	1
RT 80 225 15 PG	225	0.26	1
RT 80 250 15 PG	250	0.28	1
RT 80 275 15 PG	275	0.30	1
RT 80 300 15 PG	300	0.32	1

RT ... H80		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
RT 80 325 15 PG	325	0.34	1
RT 80 350 15 PG	350	0.35	1
RT 80 375 15 PG	375	0.37	1
RT 80 400 15 PG	400	0.39	1
RT 80 425 15 PG	425	0.41	1
RT 80 450 15 PG	450	0.42	1
RT 80 475 15 PG	475	0.44	1
RT 80 500 15 PG	500	0.46	1
RT 80 525 15 PG	525	0.48	1
RT 80 550 15 PG	550	0.49	1
RT 80 575 15 PG	575	0.51	1

Stop End (Blind End)

Крайна планка



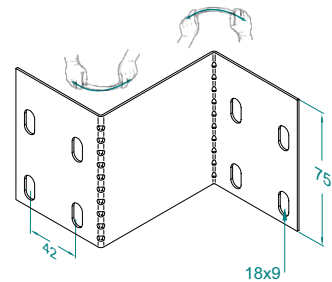
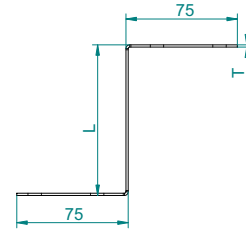
Pre - Galvanised

Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

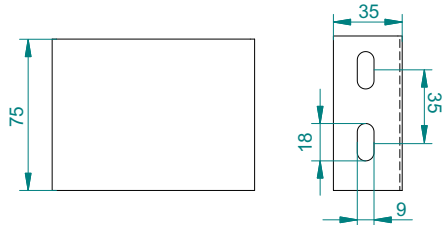
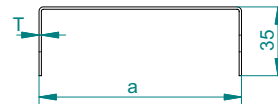
SON ... H80		1.2mm	
CODE	Width a mm	KG 1 pc	pcs
SON 807 12 PG	75	0.11	1
SON 810 12 PG	100	0.12	1
SON 812 12 PG	125	0.14	1
SON 815 12 PG	150	0.15	1
SON 820 12 PG	200	0.18	1
SON 822 12 PG	225	0.19	1
SON 825 12 PG	250	0.21	1
SON 830 12 PG	300	0.24	1
SON 840 12 PG	400	0.29	1
SON 845 12 PG	450	0.32	1
SON 850 12 PG	500	0.35	1
SON 860 12 PG	600	0.41	1

SON ... H80		1.5mm	
CODE	Width a mm	KG 1 pc	pcs
SON 807 15 PG	75	0.14	1
SON 810 15 PG	100	0.16	1
SON 812 15 PG	125	0.17	1
SON 815 15 PG	150	0.19	1
SON 820 15 PG	200	0.23	1
SON 822 15 PG	225	0.24	1
SON 825 15 PG	250	0.26	1
SON 830 15 PG	300	0.30	1
SON 840 15 PG	400	0.37	1
SON 845 15 PG	450	0.40	1
SON 850 15 PG	500	0.44	1
SON 860 15 PG	600	0.51	1

RT H80



SON H80



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | **1.2** | 1.5

Cable Trays - System of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Integrated Perforated Cable Trays - Return Flanges

Интегрирани перфорирани кабелни скари - Възвратни фланци

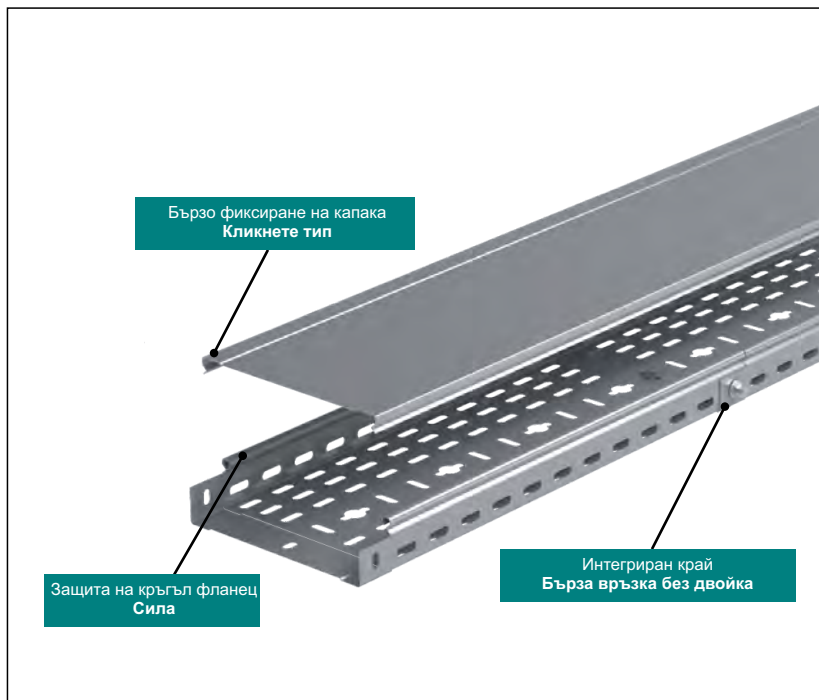


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

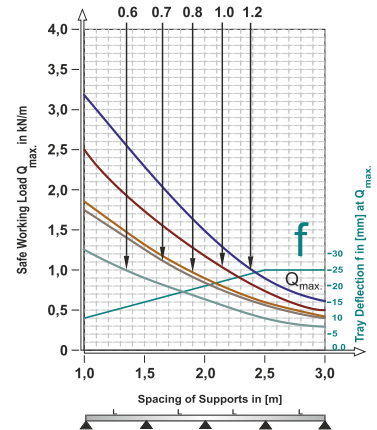
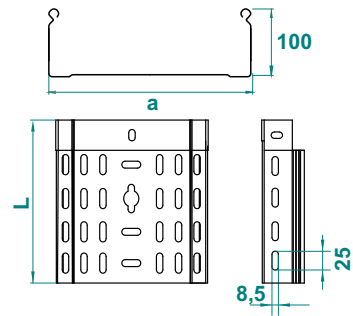
Pre - Galvanised

FPK ... H100		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	kg 1 pc	kg	pcs
FPK 110 06 PG	100	3000	1.20	2	2
FPK 112 06 PG	125	3000	1.30	2	2
FPK 115 06 PG	150	3000	1.39	2	2
FPK 120 06 PG	200	3000	1.58	2	2
0.7mm					
FPK 110 07 PG	100	3000	1.40	2	2
FPK 112 07 PG	125	3000	1.51	2	2
FPK 115 07 PG	150	3000	1.62	2	2
FPK 120 07 PG	200	3000	1.84	2	2
0.8mm					
FPK 110 08 PG	100	3000	1.60	2	2
FPK 112 08 PG	125	3000	1.72	2	2
FPK 115 08 PG	150	3000	1.85	2	2
FPK 120 08 PG	200	3000	2.10	2	2
FPK 122 08 PG	225	3000	2.22	2	2
FPK 125 08 PG	250	3000	2.35	2	2
FPK 130 08 PG	300	3000	2.60	2	2

FPK ... H100		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg 1 pc	kg	pcs
FPK 110 10 PG	100	3000	1.99	2	2
FPK 112 10 PG	125	3000	2.14	2	2
FPK 115 10 PG	150	3000	2.30	2	2
FPK 120 10 PG	200	3000	2.62	2	2
FPK 122 10 PG	225	3000	2.78	2	2
FPK 125 10 PG	250	3000	2.93	2	2
FPK 130 10 PG	300	3000	3.25	2	2
FPK 140 10 PG	400	3000	3.87	2	2
FPK 145 10 PG	450	3000	4.01	2	2
FPK 150 10 PG	500	3000	4.32	2	2
FPK 160 10 PG	600	3000	4.92	2	2
1.2mm					
FPK 110 12 PG	100	3000	2.38	2	2
FPK 112 12 PG	125	3000	2.58	2	2
FPK 115 12 PG	150	3000	2.76	2	2
FPK 120 12 PG	200	3000	3.14	2	2
FPK 122 12 PG	225	3000	3.33	2	2
FPK 125 12 PG	250	3000	3.51	2	2
FPK 130 12 PG	300	3000	3.90	2	2
FPK 140 12 PG	400	3000	4.65	2	2
FPK 145 12 PG	450	3000	5.02	2	2
FPK 150 12 PG	500	3000	5.40	2	2
FPK 160 12 PG	600	3000	6.15	2	2



FPK H100



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

Q = max. admissible load (kg/m)

L = support distance (m)

f = Deflection (mm) / Max. deflection = L/100

Safety co-efficient = 1.5

Width	Usable Cross-Section
100	98 cm ²
150	148 cm ²
200	198 cm ²
300	298 cm ²
400	398 cm ²
500	498 cm ²
600	598 cm ²

APPLICATIONS
Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

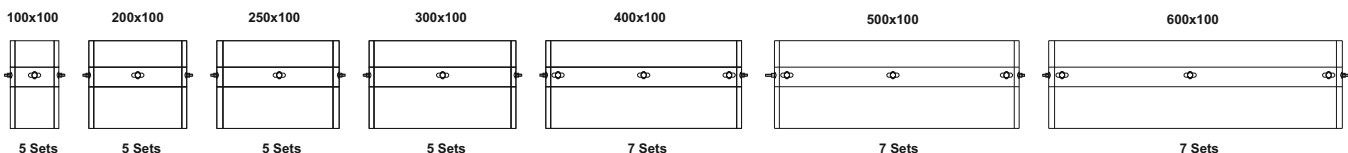
SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 0.6 | 0.8 | 1.0 | 1.2

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

W	H	40	50	60	75	80	85	100
		50	2 Sets	2 Sets	2 Sets	-	-	-
100	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
	300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
	400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
	500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
	600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets



Cable Trays - System of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци.



Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FDK ... H100		0.6mm	
CODE	Width a mm	Length L mm	kg 1 pc
FDK 110 06 PG	100	3000	1.50
FDK 112 06 PG	125	3000	1.62
FDK 115 06 PG	150	3000	1.74
FDK 120 06 PG	200	3000	1.97
0.7mm			
FDK 110 07 PG	100	3000	1.75
FDK 112 07 PG	125	3000	1.89
FDK 115 07 PG	150	3000	2.03
FDK 120 07 PG	200	3000	2.30
0.8mm			
FDK 110 08 PG	100	3000	2.00
FDK 112 08 PG	125	3000	2.15
FDK 115 08 PG	150	3000	2.31
FDK 120 08 PG	200	3000	2.62
FDK 122 08 PG	225	3000	2.78
FDK 125 08 PG	250	3000	2.94
FDK 130 08 PG	300	3000	3.25

FDK ... H100		1.0mm	
CODE	Width a mm	Length L mm	kg 1 pc
FDK 110 10 PG	100	3000	2.49
FDK 112 10 PG	125	3000	2.68
FDK 115 10 PG	150	3000	2.88
FDK 120 10 PG	200	3000	3.27
FDK 122 10 PG	225	3000	3.47
FDK 125 10 PG	250	3000	3.66
FDK 130 10 PG	300	3000	4.06
FDK 140 10 PG	400	3000	4.84
FDK 145 10 PG	450	3000	5.02
FDK 150 10 PG	500	3000	5.40
FDK 160 10 PG	600	3000	6.15
1.2mm			
FDK 110 12 PG	100	3000	2.89
FDK 112 12 PG	125	3000	3.22
FDK 115 12 PG	150	3000	3.45
FDK 120 12 PG	200	3000	3.92
FDK 122 12 PG	225	3000	4.16
FDK 125 12 PG	250	3000	4.39
FDK 130 12 PG	300	3000	4.87
FDK 140 12 PG	400	3000	5.81
FDK 145 12 PG	450	3000	6.28
FDK 150 12 PG	500	3000	6.75
FDK 160 12 PG	600	3000	7.69

FPK H100

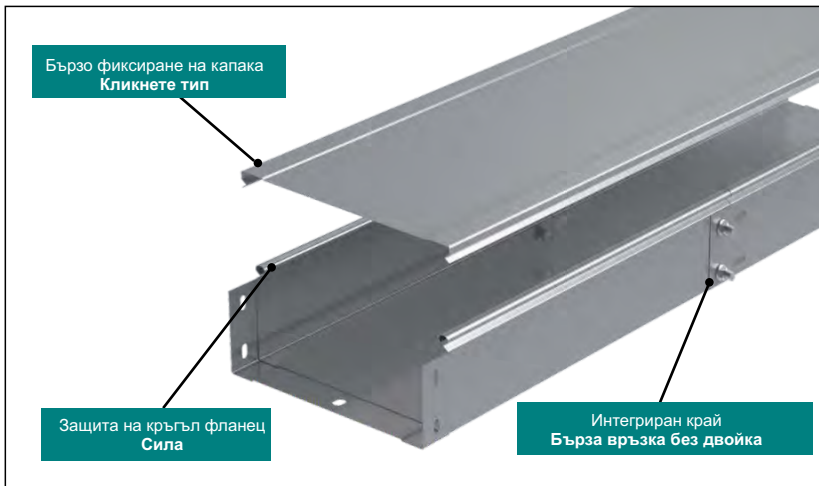
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Cross-Section
100	98 cm ²
150	148 cm ²
200	198 cm ²
300	298 cm ²
400	398 cm ²
500	498 cm ²
600	598 cm ²

APPLICATIONS
Cable routing

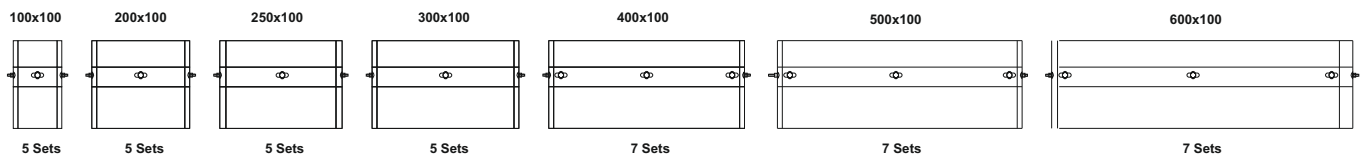
MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)
Available finishes:
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2**



Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections									
Width Of Cable Tray	W	H	40	50	60	75	80	85	100
			50	2 Sets	2 Sets	2 Sets	-	-	-
100	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
150	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
200	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
250	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
300	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets	5 Sets	
400	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
500	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	
600	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets	7 Sets	



Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

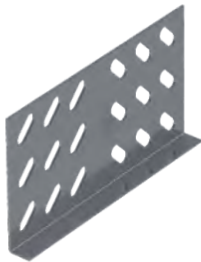
Pre - Galvanised

APK ... H100		0.6mm		
CODE	Width a mm	Length L mm	Weight Kg 1 mt	pcs
APK 110 06 PG	100	3000	1.20	2
APK 112 06 PG	125	3000	1.30	2
APK 115 06 PG	150	3000	1.39	2
APK 120 06 PG	200	3000	1.58	2
APK ... H100		0.8mm		
APK 110 08 PG	100	3000	1.60	2
APK 112 08 PG	125	3000	1.72	2
APK 115 08 PG	150	3000	1.85	2
APK 120 08 PG	200	3000	2.10	2
APK 122 08 PG	225	3000	2.22	2
APK 125 08 PG	250	3000	2.35	2
APK 130 08 PG	300	3000	2.60	2
APK ... H100		1.0mm		
APK 110 10 PG	100	3000	1.99	2
APK 112 10 PG	125	3000	2.14	2
APK 115 10 PG	150	3000	2.30	2
APK 120 10 PG	200	3000	2.62	2
APK 122 10 PG	225	3000	2.78	2
APK 125 10 PG	250	3000	2.93	2
APK 130 10 PG	300	3000	3.25	2
APK 140 10 PG	400	3000	3.87	2

APK ... H100		1.2mm		
CODE	Width a mm	Length L mm	Weight Kg 1 mt	pcs
APK 110 12 PG	100	3000	2.38	2
APK 112 12 PG	125	3000	2.58	2
APK 115 12 PG	150	3000	2.76	2
APK 120 12 PG	200	3000	3.14	2
APK 122 12 PG	225	3000	3.33	2
APK 125 12 PG	250	3000	3.51	2
APK 130 12 PG	300	3000	3.90	2
APK 140 12 PG	400	3000	4.65	2
APK 145 12 PG	450	3000	5.02	2
APK 150 12 PG	500	3000	5.40	2
APK 160 12 PG	600	3000	6.15	2
APK ... H100		1.5mm		
APK 110 15 PG	100	3000	2.96	2
APK 112 15 PG	125	3000	3.20	2
APK 115 15 PG	150	3000	3.43	2
APK 120 15 PG	200	3000	3.90	2
APK 122 15 PG	225	3000	4.14	2
APK 125 15 PG	250	3000	4.38	2
APK 130 15 PG	300	3000	4.85	2
APK 140 15 PG	400	3000	5.78	2
APK 145 15 PG	450	3000	6.26	2
APK 150 15 PG	500	3000	6.73	2
APK 160 15 PG	600	3000	7.67	2

Straight Connector (Coupler)

Прав конектор



Pre - Galvanised

KBE 2 ... H100		1.0mm	
CODE	Length L mm	Weight Kg 1 pc	pcs
KBE 210 10 PG	175	0.14	100
KBE 2 ... H100		1.2mm	
KBE 210 12 PG	175	0.14	100

To Install one lenght ;use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

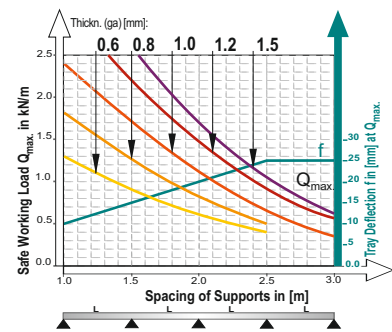
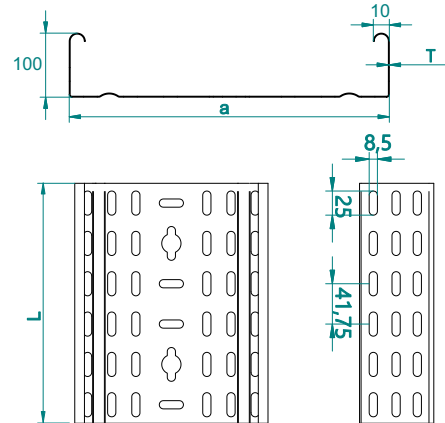
KBE 2 ... H100		1.5mm	
CODE	Length L mm	Weight Kg 1 pc	pcs
KBE 210 15 PG	175	0.18	100

Electro - Galvanized

CFS		M6		
CODE	Size mm	Length L mm	Weight Kg 1Set	pcs
CFS M6 EG	M6	15	0,008	500

CFS M8		M8		
CODE	Size mm	Length L mm	Weight Kg 1Set	pcs
CFS M8 EG	M8	15	0,014	500

APK H100

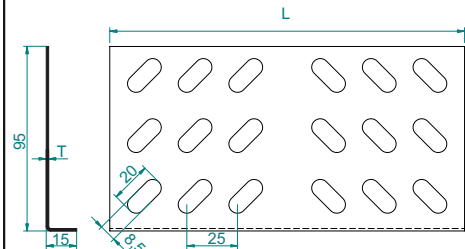


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

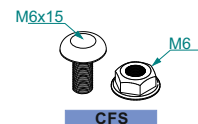


Width	Usable Cross-Section
100	98 cm ²
150	148 cm ²
200	198 cm ²
300	298 cm ²
400	398 cm ²
500	498 cm ²
600	598 cm ²

KBE2



M6x15 Round head squire neck bolt & M6 Flanged nut



APPLICATIONS
Cable routing

MATERIAL
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6** 0.8 1.0 1.2 1.5

Cable Tray Non - Perforated Type

Неперфорирани кабелни скари - Обратни фланци.



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanized

ADK ... H100		0.6mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
ADK 110 06 PG	100	3000	1.50	2
ADK 112 06 PG	125	3000	1.62	2
ADK 115 06 PG	150	3000	1.74	2
ADK 120 06 PG	200	3000	1.97	2
ADK ... H100		0.8mm		
ADK 110 08 PG	100	3000	2.00	2
ADK 112 08 PG	125	3000	2.15	2
ADK 115 08 PG	150	3000	2.31	2
ADK 120 08 PG	200	3000	2.62	2
ADK 122 08 PG	225	3000	2.78	2
ADK 125 08 PG	250	3000	2.94	2
ADK 130 08 PG	300	3000	3.25	2
ADK ... H100		1.0mm		
ADK 110 10 PG	100	3000	2.49	2
ADK 112 10 PG	125	3000	2.68	2
ADK 115 10 PG	150	3000	2.88	2
ADK 120 10 PG	200	3000	3.27	2
ADK 122 10 PG	225	3000	3.47	2
ADK 125 10 PG	250	3000	3.66	2
ADK 130 10 PG	300	3000	4.06	2
ADK 140 10 PG	400	3000	4.84	2

ADK ... H100		1.2mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
ADK 110 12 PG	100	3000	2.98	2
ADK 112 12 PG	125	3000	3.22	2
ADK 115 12 PG	150	3000	3.45	2
ADK 120 12 PG	200	3000	3.92	2
ADK 122 12 PG	225	3000	4.16	2
ADK 125 12 PG	250	3000	4.39	2
ADK 130 12 PG	300	3000	4.87	2
ADK 140 12 PG	400	3000	5.81	2
ADK 145 12 PG	450	3000	6.28	2
ADK 150 12 PG	500	3000	6.75	2
ADK 160 12 PG	600	3000	7.69	2
ADK ... H100		1.5mm		
ADK 110 15 PG	50	3000	3.70	2
ADK 112 15 PG	75	3000	4.00	2
ADK 115 15 PG	100	3000	4.29	2
ADK 120 15 PG	125	3000	4.88	2
ADK 122 15 PG	150	3000	5.17	2
ADK 125 15 PG	200	3000	5.47	2
ADK 130 15 PG	225	3000	6.06	2
ADK 140 15 PG	250	3000	7.23	2
ADK 145 15 PG	300	3000	7.82	2
ADK 150 15 PG	400	3000	8.41	2
ADK 160 15 PG	450	3000	9.59	2

Barrier Strip

Разделител



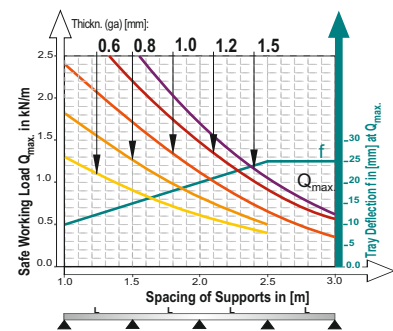
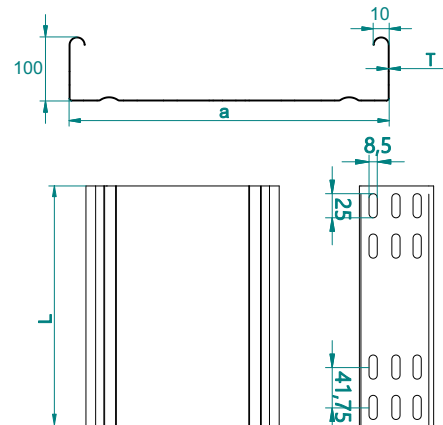
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanized

SEP 1 ... H100		1.0mm	
CODE	Length L mm	kg 1m	pcs
SEP 110 10 PG	3000	0.90	1

SEP 1 ... H100		1.5mm	
CODE	Length L mm	kg 1m	pcs
SEP 110 15 PG	3000	1.35	1

ADK H100

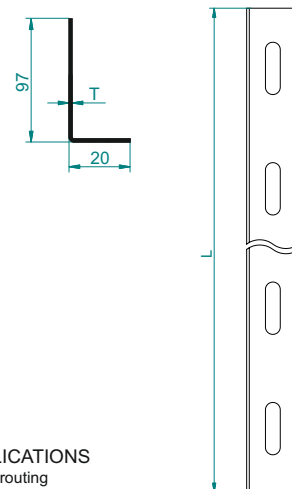


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
100	98 cm ²
150	148 cm ²
200	198 cm ²
300	298 cm ²
400	398 cm ²
500	498 cm ²
600	598 cm ²



SEP 1 H100



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6|0.8|1.0|1.2|1.5**

90° Horizontal Bend of Cable Tray

90° Хоризонтално ъглово огъване на кабелна скара.



Pre - Galvanized

KA90 ... H100		0.8mm	
CODE	Width a=b mm	KG 1m	pcs
KA90 110 08 PG	100	0.49	1
KA90 112 08 PG	125	0.57	1
KA90 115 08 PG	150	0.66	1
KA90 120 08 PG	200	0.84	1
		1.0mm	
KA90 110 10 PG	100	0.62	1
KA90 112 10 PG	125	0.72	1
KA90 115 10 PG	150	0.83	1
KA90 120 10 PG	200	1.06	1
KA90 122 10 PG	225	1.19	1
KA90 125 10 PG	250	1.33	1
KA90 130 10 PG	300	1.65	1
KA90 140 10 PG	400	2.32	1

Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA90 ... H100		1.2mm	
CODE	Width a=b mm	KG 1m	pcs
KA90 130 12 PG	300	2.06	1
KA90 140 12 PG	400	2.89	1
KA90 145 12 PG	450	3.36	1
KA90 150 12 PG	500	3.87	1
KA90 160 12 PG	600	4.99	1
		1.5mm	
KA90 110 15 PG	100	0.93	1
KA90 112 15 PG	125	1.08	1
KA90 115 15 PG	150	1.24	1
KA90 120 15 PG	200	1.60	1
KA90 122 15 PG	225	1.79	1
KA90 125 15 PG	250	1.99	1
KA90 130 15 PG	300	2.58	1
KA90 140 15 PG	400	3.62	1
KA90 145 15 PG	450	4.20	1
KA90 150 15 PG	500	4.84	1
KA90 160 15 PG	600	6.23	1

45° Horizontal Bend of Cable Tray

45° Хоризонтално ъглово огъване на кабелна скара.



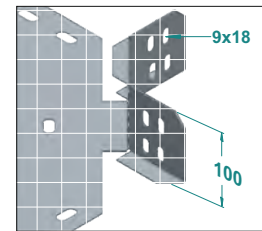
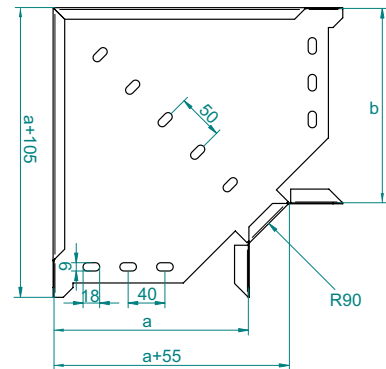
Pre - Galvanized

KA45 ... H100		0.8mm	
CODE	Width a=b mm	KG 1m	pcs
KA45 110 10 PG	100	0.44	1
KA45 112 10 PG	125	0.56	1
KA45 115 10 PG	150	0.64	1
KA45 120 10 PG	200	0.83	1
		1.0mm	
KA45 110 10 PG	100	0.56	1
KA45 112 10 PG	125	0.70	1
KA45 115 10 PG	150	0.81	1
KA45 120 10 PG	200	1.04	1
KA45 122 10 PG	225	1.17	1
KA45 125 10 PG	250	1.30	1
KA45 130 10 PG	300	1.53	1
KA45 140 10 PG	400	2.18	1

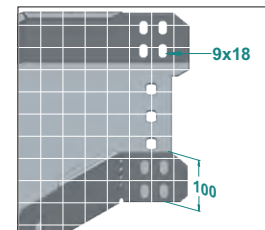
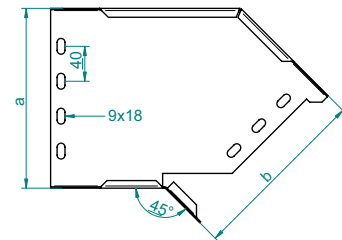
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KA45 ... H100		1.2mm	
CODE	Width a=b mm	KG 1m	pcs
KA45 130 12 PG	300	1.91	1
KA45 140 12 PG	400	2.72	1
KA45 145 12 PG	450	3.17	1
KA45 150 12 PG	500	3.66	1
KA45 160 12 PG	600	4.75	1
		1.5mm	
KA45 110 15 PG	100	0.83	1
KA45 112 15 PG	125	1.05	1
KA45 115 15 PG	150	1.21	1
KA45 120 15 PG	200	1.56	1
KA45 122 15 PG	225	1.75	1
KA45 125 15 PG	250	1.95	1
KA45 130 15 PG	300	2.39	1
KA45 140 15 PG	400	3.39	1
KA45 145 15 PG	450	3.96	1
KA45 150 15 PG	500	4.58	1
KA45 160 15 PG	600	5.94	1

KA90 H100



KA45 H100



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

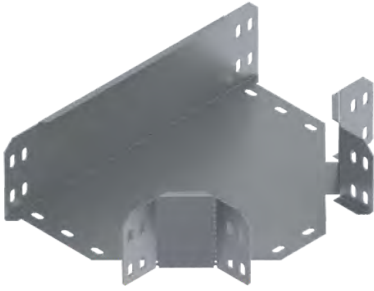
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 0.8 1.0 1.2 1.5

Tee Horizontal Bend of Cable Tray

T-образно хоризонтално ъглово огъване на кабелна скара.



Pre - Galvanized

Important!

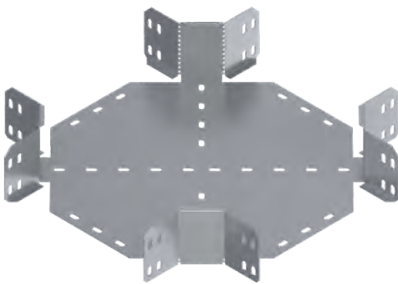
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

KAT ... H100		0.8mm	
CODE	Width a=b=c mm	kg 1pc	pcs
KAT 110 08 PG	100	0.68	1
KAT 112 08 PG	125	0.77	1
KAT 115 08 PG	150	0.87	1
KAT 120 08 PG	200	0.90	1
		1.0mm	
KAT 110 10 PG	100	0.85	1
KAT 112 10 PG	125	0.97	1
KAT 115 10 PG	150	1.09	1
KAT 120 10 PG	200	1.13	1
KAT 122 10 PG	225	1.36	1
KAT 125 10 PG	250	1.66	1
KAT 130 10 PG	300	2.10	1
KAT 140 10 PG	400	2.84	1

KAT ... H100		1.2mm	
CODE	Width a=b=c mm	kg 1pc	pcs
KAT 130 12 PG	300	2.61	1
KAT 140 12 PG	400	3.55	1
KAT 145 12 PG	450	4.07	1
KAT 150 12 PG	500	4.63	1
KAT 160 12 PG	600	5.85	1
		1.5mm	
KAT 110 15 PG	100	1.28	1
KAT 112 15 PG	125	1.45	1
KAT 115 15 PG	150	1.64	1
KAT 120 15 PG	200	2.05	1
KAT 122 15 PG	225	2.27	1
KAT 125 15 PG	250	2.50	1
KAT 130 15 PG	300	3.27	1
KAT 140 15 PG	400	4.44	1
KAT 145 15 PG	450	5.09	1
KAT 150 15 PG	500	5.78	1
KAT 160 15 PG	600	7.31	1

Cross Bend of Cable Tray

Напречно огъване на кабелна скара.



Pre - Galvanized

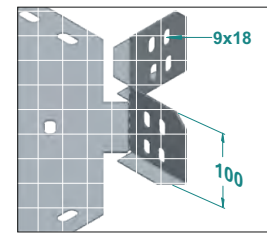
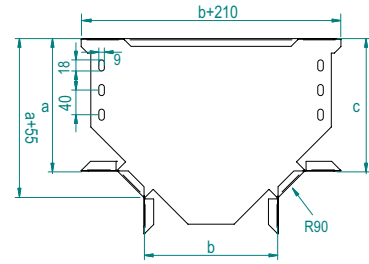
Important!

To install cable tray - bend use Screw Sets CFS M6 or CFS M8

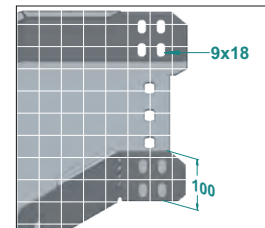
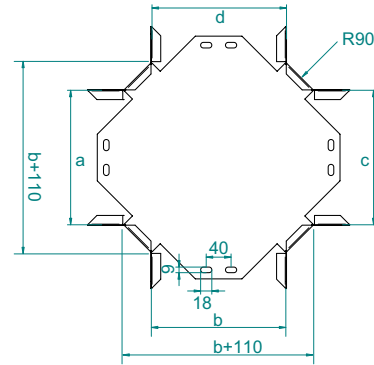
KAD ... H100		0.8mm	
CODE	Width a=b=c=d mm	kg 1pc	pcs
KAD 110 08 PG	100	0.93	1
KAD 112 08 PG	125	1.04	1
KAD 115 08 PG	150	1.15	1
KAD 120 08 PG	200	1.52	1
		1.0mm	
KAD 110 10 PG	100	1.17	1
KAD 112 10 PG	125	1.30	1
KAD 115 10 PG	150	1.44	1
KAD 120 10 PG	200	1.75	1
KAD 122 10 PG	225	1.91	1
KAD 125 10 PG	250	2.08	1
KAD 130 10 PG	300	2.66	1
KAD 140 10 PG	400	3.48	1

KAD ... H100		1.2mm	
CODE	Width a=b=c=d mm	kg 1pc	pcs
KAD 130 12 PG	300	3.32	1
KAD 140 12 PG	400	4.35	1
KAD 145 12 PG	450	4.93	1
KAD 150 12 PG	500	5.53	1
KAD 160 12 PG	600	6.85	1
		1.5mm	
KAD 110 15 PG	100	1.75	1
KAD 112 15 PG	125	1.95	1
KAD 115 15 PG	150	2.16	1
KAD 120 15 PG	200	2.62	1
KAD 122 15 PG	225	2.87	1
KAD 125 15 PG	250	3.13	1
KAD 130 15 PG	300	4.14	1
KAD 140 15 PG	400	5.44	1
KAD 145 15 PG	450	6.16	1
KAD 150 15 PG	500	6.92	1
KAD 160 15 PG	600	8.57	1

KAT H100



KAD H100



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS- stainless steel AISI 304L and AISI 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Vertical Outside Bend of Cable Tray (Flexible)

Вертикално външно огъване на кабелна скара (гъвкава)



Pre - Galvanized

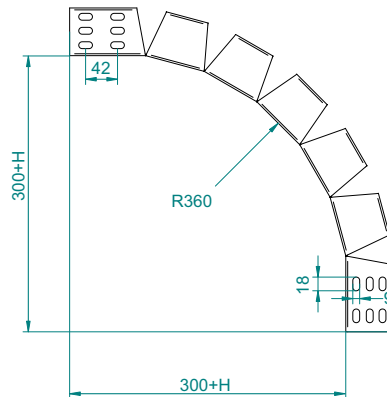
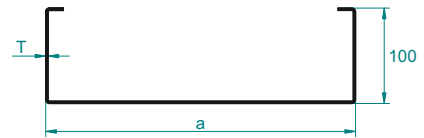
KADB ... H100		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KADB 110 08 PG	100	600	0.93	1	1
KADB 112 08 PG	125	600	1.00	1	1
KADB 115 08 PG	150	600	1.08	1	1
KADB 120 08 PG	200	600	1.23	1	1
KADB ... H100		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KADB 110 10 PG	100	600	1.17	1	1
KADB 112 10 PG	125	600	1.26	1	1
KADB 115 10 PG	150	600	1.35	1	1
KADB 120 10 PG	200	600	1.54	1	1
KADB 122 10 PG	225	600	1.63	1	1
KADB 125 10 PG	250	600	1.72	1	1
KADB 130 10 PG	300	600	1.82	1	1
KADB 140 10 PG	400	600	2.62	1	1

Important!

To install vertical bend - use 2 pieces of KBE con. and 4 sets of CFS bolts and nuts (M6 or M8).

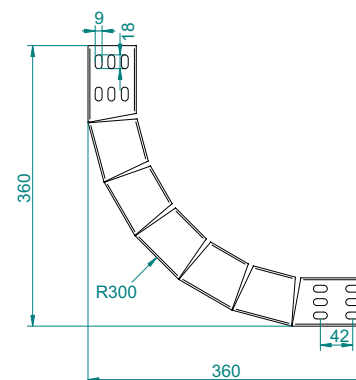
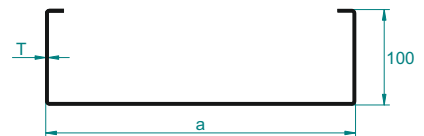
KADB ... H100		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KADB 130 12 PG	300	600	2.28	1	1
KADB 140 12 PG	400	600	3.27	1	1
KADB 145 12 PG	450	600	3.53	1	1
KADB 150 12 PG	500	600	3.80	1	1
KADB 160 12 PG	600	600	4.33	1	1
KADB ... H100		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KADB 110 15 PG	100	600	1.74	1	1
KADB 112 15 PG	125	600	1.88	1	1
KADB 115 15 PG	150	600	2.01	1	1
KADB 120 15 PG	200	600	2.29	1	1
KADB 122 15 PG	225	600	2.43	1	1
KADB 125 15 PG	250	600	2.57	1	1
KADB 130 15 PG	300	600	2.84	1	1
KADB 140 15 PG	400	600	4.07	1	1
KADB 145 15 PG	450	600	4.40	1	1
KADB 150 15 PG	500	600	4.73	1	1
KADB 160 15 PG	600	600	5.39	1	1

KADB H100



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

KAIB H100



KADB and KAIB are the same items, shipped flat.
To install - Bend manually during application.
in Flat Length = 600mm

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



Pre - Galvanized

KAIB ... H100		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KAIB 110 08 PG	100	600	0.93	1	1
KAIB 112 08 PG	125	600	1.00	1	1
KAIB 115 08 PG	150	600	1.08	1	1
KAIB 120 08 PG	200	600	1.23	1	1
KAIB ... H100		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KAIB 110 10 PG	100	600	1.17	1	1
KAIB 112 10 PG	125	600	1.26	1	1
KAIB 115 10 PG	150	600	1.35	1	1
KAIB 120 10 PG	200	600	1.54	1	1
KAIB 122 10 PG	225	600	1.63	1	1
KAIB 125 10 PG	250	600	1.72	1	1
KAIB 130 10 PG	300	600	1.82	1	1
KAIB 140 10 PG	400	600	2.62	1	1

Important!

To install vertical bend - use 2 pieces of KBE con. and 4 sets of CFS bolts and nuts (M6 or M8).

KAIB ... H100		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KAIB 130 12 PG	300	600	2.28	1	1
KAIB 140 12 PG	400	600	3.27	1	1
KAIB 145 12 PG	450	600	3.53	1	1
KAIB 150 12 PG	500	600	3.80	1	1
KAIB 160 12 PG	600	600	4.33	1	1
KAIB ... H100		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	kg/1m	kg	pcs
KAIB 110 15 PG	100	600	1.74	1	1
KAIB 112 15 PG	125	600	1.88	1	1
KAIB 115 15 PG	150	600	2.01	1	1
KAIB 120 15 PG	200	600	2.29	1	1
KAIB 122 15 PG	225	600	2.43	1	1
KAIB 125 15 PG	250	600	2.57	1	1
KAIB 130 15 PG	300	600	2.84	1	1
KAIB 140 15 PG	400	600	4.07	1	1
KAIB 145 15 PG	450	600	4.40	1	1
KAIB 150 15 PG	500	600	4.73	1	1
KAIB 160 15 PG	600	600	5.39	1	1

Cable Trays - System of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Add on 90° Horizontal Corner Bend

Добавяне - 90° Хоризонтално ъглово огъване на кабелна скарата



Pre - Galvanized

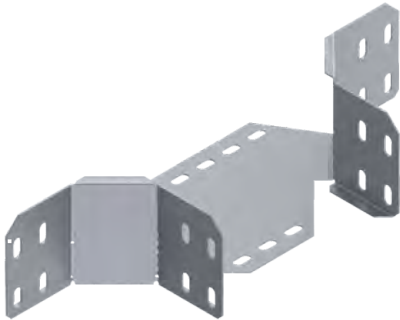
KA90E ... H100		0.8mm			
CODE	a mm	Radius R mm	kg 1pc	pcs	
KA90E 1 08 PG	55	90	0.16	1	
KA90ER1 08 10 PG	90	150	0.24	1	
KA90ER2 08 10 PG	180	300	0.47	1	
		1.0mm			
KA90E 1 10 PG	55	90	0.20	1	
KA90ER1 10 10 PG	90	150	0.30	1	
KA90ER2 10 10 PG	180	300	0.59	1	

Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

KA90E ... H100		1.5mm			
CODE	a mm	Radius R mm	kg 1pc	pcs	
KA90E 1 15 PG	55	90	0.31	1	
KA90ER1 10 15 PG	90	150	0.45	1	
KA90ER2 10 15 PG	180	300	0.88	1	

Add on tee horizontal bend

Добавяне Т-образна хоризонтална чупка



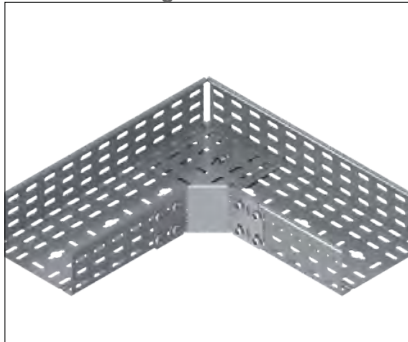
Pre - Galvanized

KATE... H100		0.8mm			
CODE	Width a mm	Radius R mm	kg 1m	pcs	
KATE 110 10 PG	100	90	0.40	1	
KATE 112 10 PG	125	90	0.43	1	
KATE 115 10 PG	150	90	0.45	1	
KATE 120 10 PG	200	90	0.50	1	
		1.0mm			
KATE 110 10 PG	100	90	0.51	1	
KATE 112 10 PG	125	90	0.54	1	
KATE 115 10 PG	150	90	0.57	1	
KATE 120 10 PG	200	90	0.63	1	
KATE 122 10 PG	225	90	0.66	1	
KATE 125 10 PG	250	90	0.69	1	
KATE 130 10 PG	300	90	0.73	1	
KATE 140 10 PG	400	90	0.84	1	

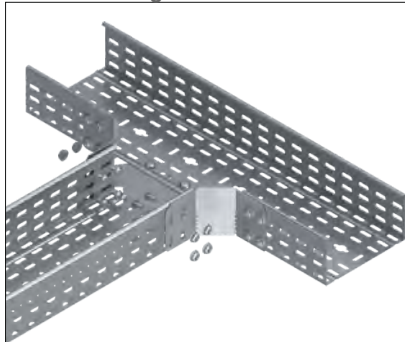
Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

KATE... H100		1.2mm			
CODE	Width a mm	Radius R mm	kg 1m	pcs	
KATE 130 12 PG	300	90	0.91	1	
KATE 140 12 PG	400	90	1.05	1	
KATE 145 12 PG	450	90	1.13	1	
KATE 150 12 PG	500	90	1.20	1	
KATE 160 12 PG	600	90	1.35	1	
		1.5mm			
KATER1 110 15 PG	100	150	1.31	1	
KATER1 112 15 PG	125	150	1.38	1	
KATER1 115 15 PG	150	150	1.45	1	
KATER1 120 15 PG	200	150	1.59	1	
KATER1 122 15 PG	225	150	1.66	1	
KATER1 125 15 PG	250	150	1.72	1	
KATER1 130 15 PG	300	150	1.86	1	
KATER1 140 15 PG	400	150	2.14	1	
KATER1 145 15 PG	450	150	2.27	1	
KATER1 150 15 PG	500	150	2.41	1	
KATER1 160 15 PG	600	150	2.68	1	

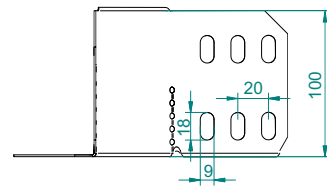
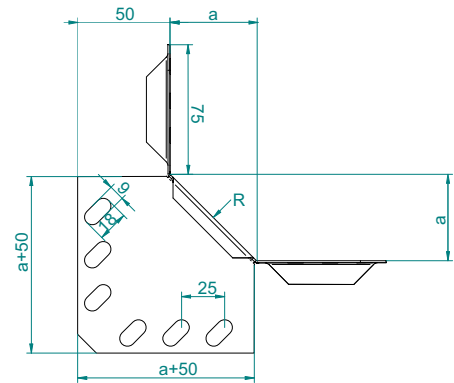
KA90E Mounting



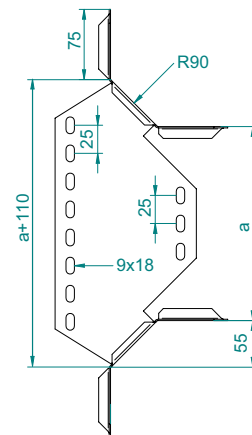
KATE Mounting



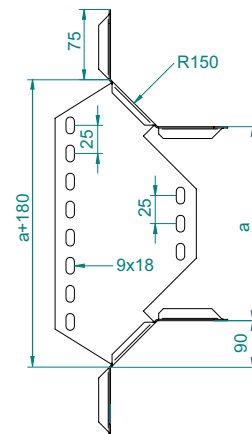
KA90E H100



KATE



KATER1



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

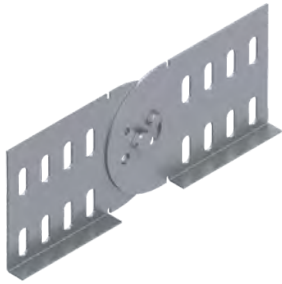
Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2 | 1.5**

Adjustable Vertical Connector (2 Pcs)

Регулируем вертикален конектор (2 бр.)

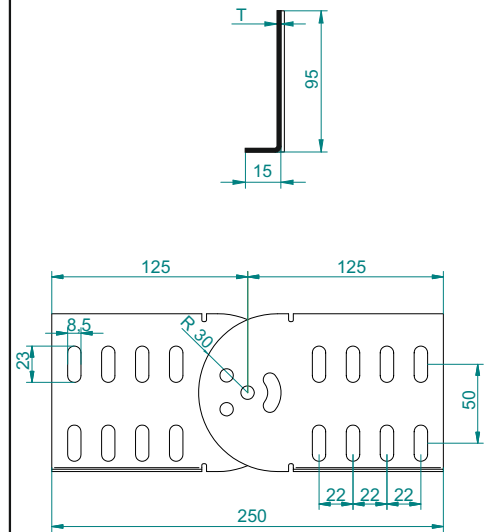


Pre - Galvanized

Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

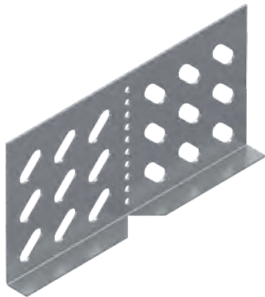
BDD 2 ... H100				BDD 2 ... H100			
1.2mm				1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
BDD 210 12 PG	250	0.26	1	BDD 210 15 PG	250	0.33	1

BDD 2 H100



Adjustable Horizontal Connector

Регулируем хоризонтален конектор

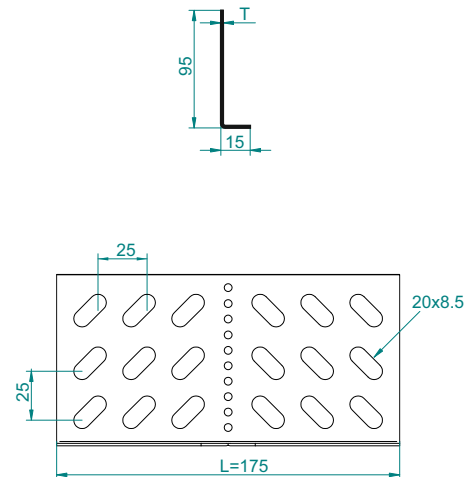


Pre - Galvanized

Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

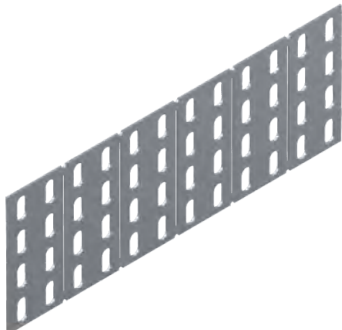
BYD 2 ... H100				BYD 2 ... H100			
1.2mm				1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
BYD 210 12 PG	175	0.14	1	BYD 210 15 PG	175	0.18	1

BYD 2 H100



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг

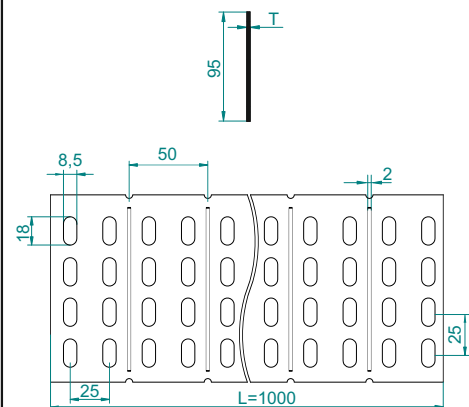


Pre - Galvanized

Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

BYDU 1 ... H100				BYDU 1 ... H100			
1.2mm				1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
BYDU 110 12 PG	1000	0.71	1	BYDU 110 15 PG	1000	0.89	1

BYDU 1



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:













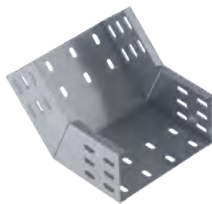

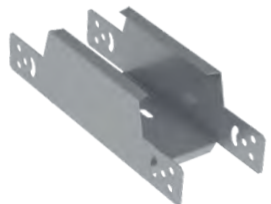



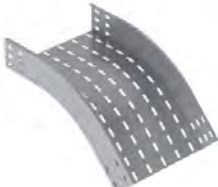






HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Cable Tray Bends and Accessories

Огъвания и аксесоари за кабелни скари

<p>Horizontal Bend of Cable Tray</p>  <p>KA90R1 R150°</p>	<p>Horizontal Bend of Cable Tray</p>  <p>KA90R2 - KA90R4 R300 - R600</p>	<p>Horizontal Adjustable Bends</p>  <p>KA90H 15-90°</p>	<p>Horizontal Bend of Cable Tray</p>  <p>KA45R2 - KA45R4 R300 - R600</p>	<p>Fish Plate</p>  <p>FBE</p>
<p>Middle Reducer Bend of Cable Tray</p>  <p>ROS</p>	<p>Left Reducer Bend of Cable Tray</p>  <p>RSL</p>	<p>Right Reducer Bend of Cable Tray</p>  <p>RGL</p>	<p>Tee Horizontal Bend of Cable Tray</p>  <p>KATR2 - KATR4 R300 - R600</p>	<p>Cross Bend of Cable Tray</p>  <p>KADR2 - KADR4 R300 - R60</p>
<p>Vertical Inside Bend of Cable Tray</p>  <p>KAIS</p>	<p>Vertical Outside Bend of Cable Tray</p>  <p>KADS</p>	<p>Vertical 45° Inside Bend of Cable Tray</p>  <p>KAIS45</p>	<p>Vertical 45° Outside Bend of Cable Tray</p>  <p>KADS45</p>	<p>Modular Adjustable Riser Bend</p>  <p>KAMB</p>
<p>Vertical Inside Bend of Cable Tray</p>  <p>KAISR2 - KAISR4 R300 - R600</p>	<p>Vertical Outside Bend of Cable Tray</p>  <p>KADSR2 - KADSR4 R300 - R600</p>	<p>Vertical 45° Inside Bend</p>  <p>KAIS45R2 - KAIS45R4 R300 - R600</p>	<p>Vertical 45° Outside Bend</p>  <p>KADS45R2 - KADS45R4 R300 - R600</p>	<p>Vertical Outside Bend of Cable Tray</p>  <p>KAMD</p>
<p>Vertical Tee - Lengthwise</p>  <p>KADT</p>	<p>Vertical Tee from the Middle</p>  <p>KAMT</p>	<p>Vertical Elbow - Left</p>  <p>KADL</p>	<p>Vertical Elbow - Right</p>  <p>KADG</p>	<p>Reducer Connecion / Bend Reducer Reduksiyon Eki / Dönüş reduksiyon</p>  <p>RC</p>