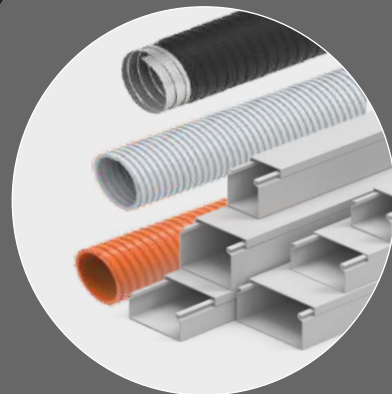
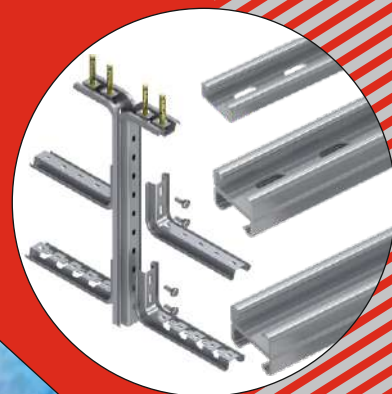
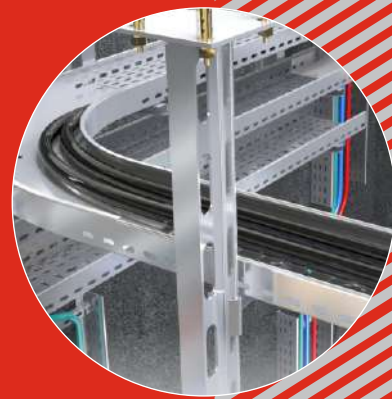




ЕНЕРДЖИ ГРУП ООД



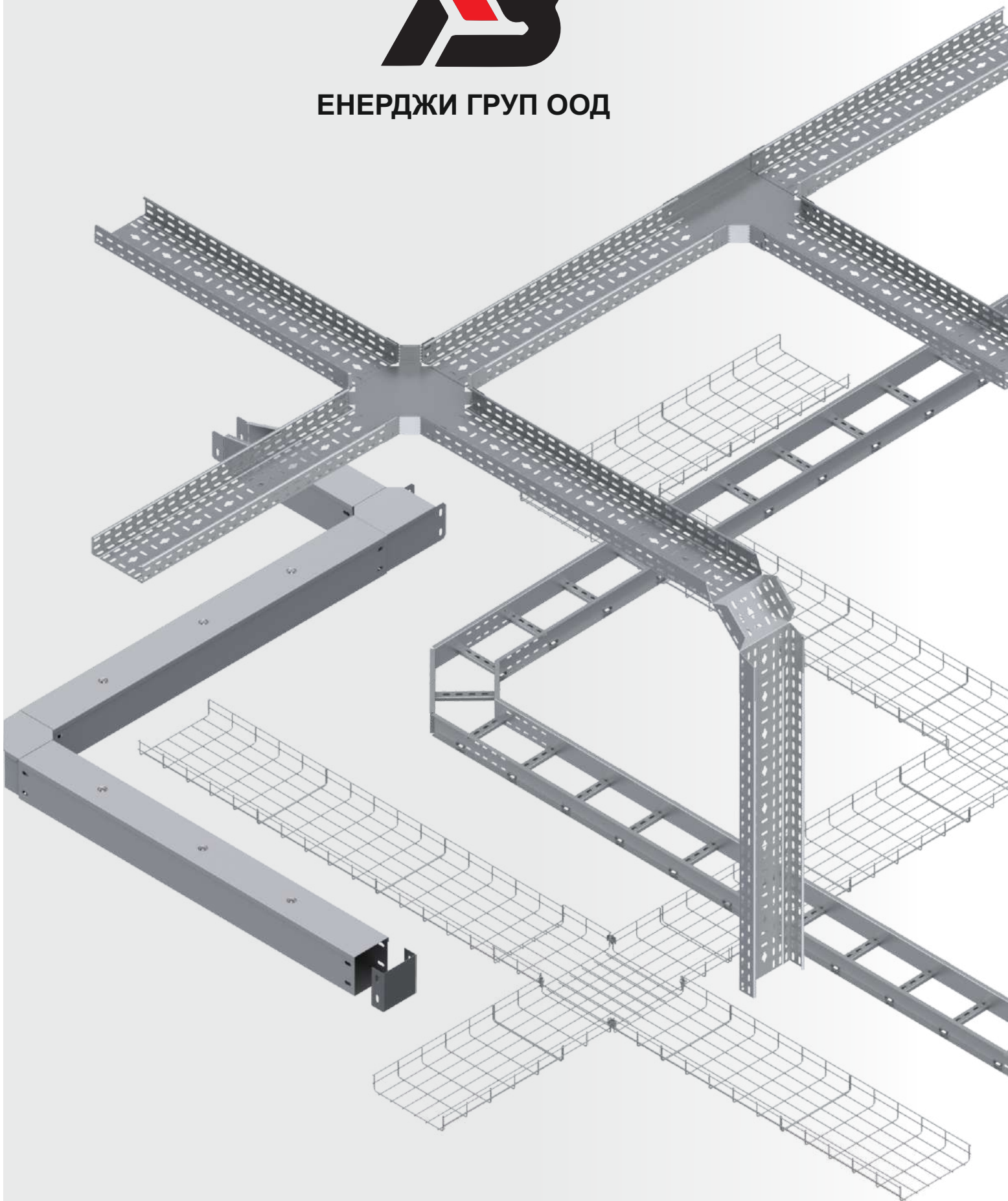
Системи за електрически кабелни скари

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





ЕНЕРДЖИ ГРУП ООД



Cable Trays Systems Системи за кабелни скар

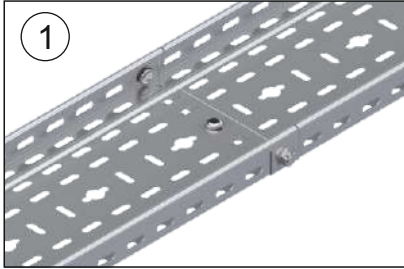


Accessories

<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>

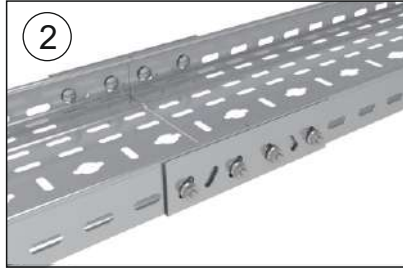
Примери за инсталиране

Пример за приложение на GPK



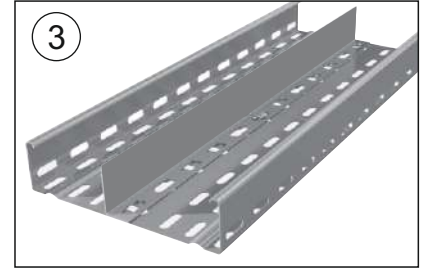
Sliding in - To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KBE



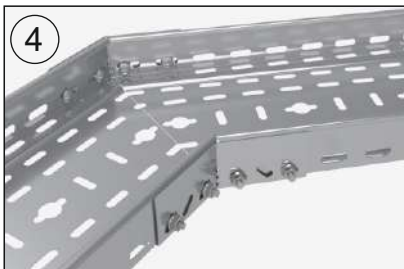
To install cable tray - straight use 2 pieces of KBE and CFS bolts and nuts (M6 or M8)

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



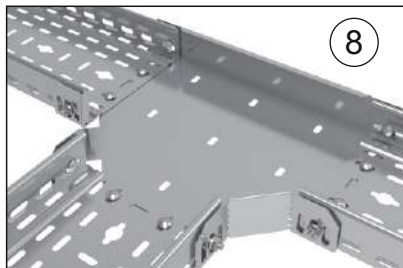
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KA90



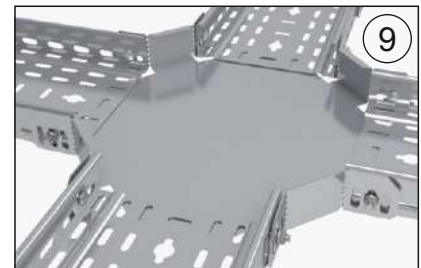
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

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



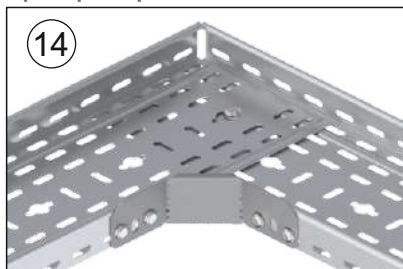
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на SON



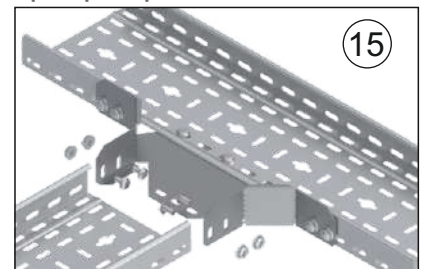
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

Пример за приложение на KA90E



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

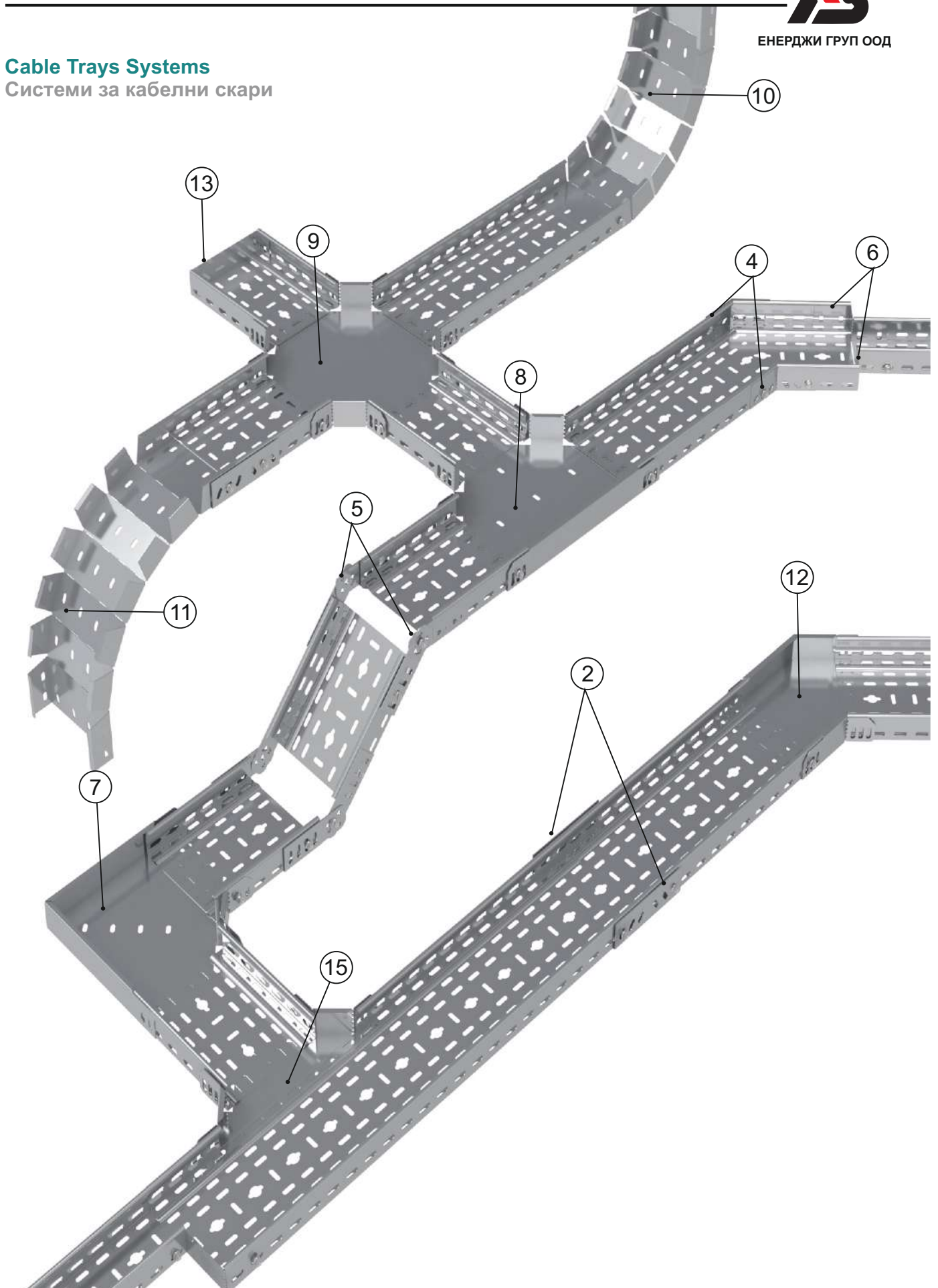
Пример за приложение на KATE



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

Cable Trays Systems

Системи за кабелни скари



Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

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 lenght ;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	

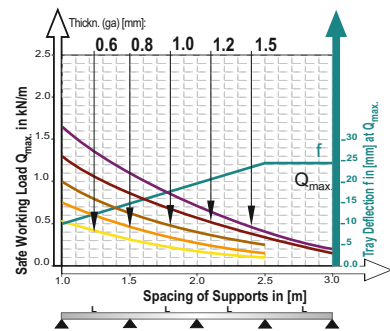
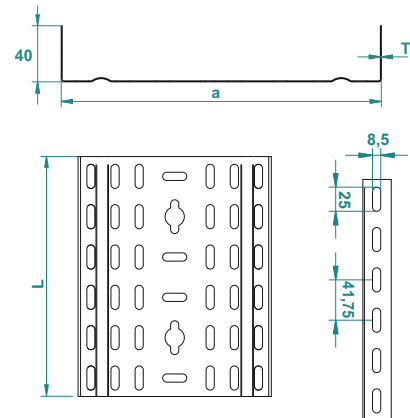
KBE 2 ... H40		1.5mm		
CODE	Length L mm	KG 1pc	pcs	
KBE 240 15 PG	175	0.1	100	

Electro - Galvanised

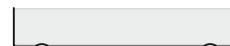
CFS M6		M6		
CODE	Size mm	Length L mm	KG 1Set	In Box pcs
CFS M6 EG	M6	15	0.008	500

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

SPK H40

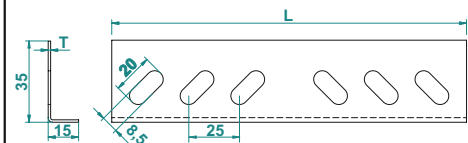


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

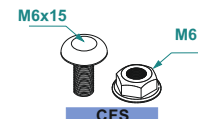


Width	Usable Cross-Section
50	20 cm ²
100	40 cm ²
150	60 cm ²
200	80 cm ²
300	120 cm ²
400	160 cm ²
500	200 cm ²
600	240 cm ²

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



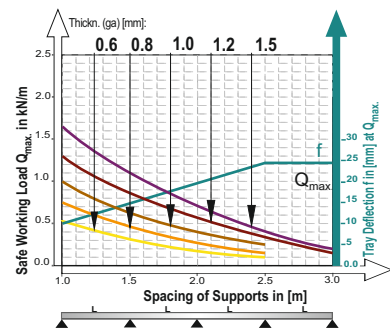
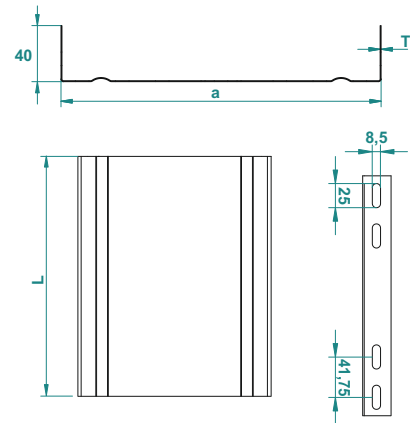
To Install Separator use CFS bolts and nuts. (M6 or M8)

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

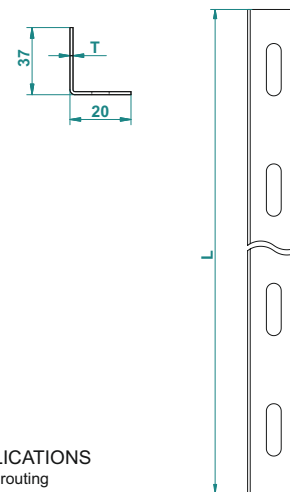
SDK H40



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



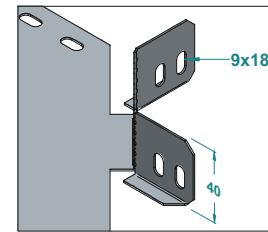
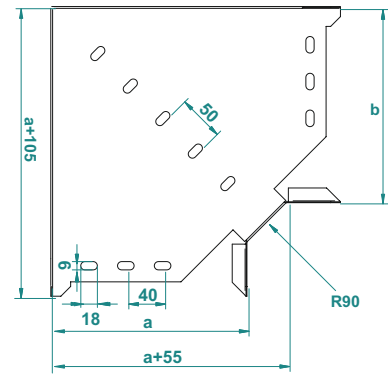
Pre - Galvanised

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
K90 ... H40		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
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

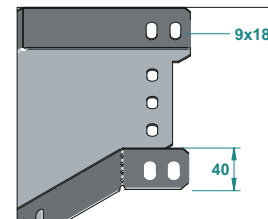
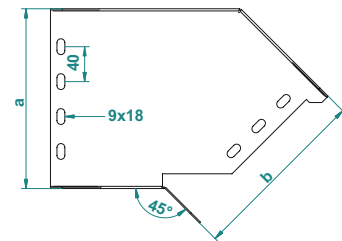


Pre - Galvanised

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
K45 ... H40		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
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)



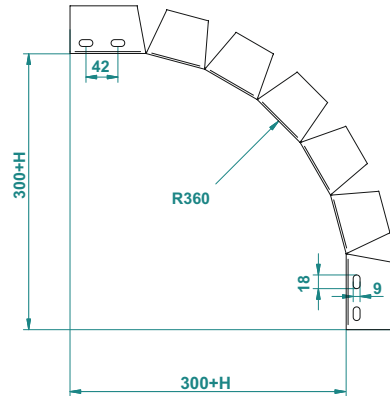
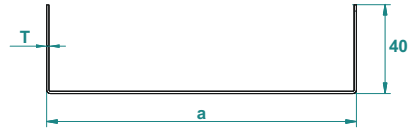
Pre - Galvanised

KDB ... H40		1.0mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
KDB 405 10 PG	50	600	0.5	1	
KDB 407 10 PG	75	600	0.61	1	
KDB 410 10 PG	100	600	0.7	1	
KDB 412 10 PG	125	600	0.8	1	
KDB 415 10 PG	150	600	0.9	1	
KDB 420 10 PG	200	600	1.1	1	
KDB 422 10 PG	225	600	1.19	1	
KDB 425 10 PG	250	600	1.29	1	
KDB ... H40		1.2mm			
KDB 430 12 PG	300	600	1.78	1	
KDB 440 12 PG	400	600	2.7	1	
KDB 445 12 PG	450	600	2.99	1	
KDB 450 12 PG	500	600	3.27	1	
KDB 460 12 PG	600	600	3.84	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			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
KDB 405 15 PG	50	600	0.75	1	
KDB 407 15 PG	75	600	0.9	1	
KDB 410 15 PG	100	600	1.05	1	
KDB 412 15 PG	125	600	1.19	1	
KDB 415 15 PG	150	600	1.34	1	
KDB 420 15 PG	200	600	1.63	1	
KDB 422 15 PG	225	600	1.78	1	
KDB 425 15 PG	250	600	1.93	1	
KDB 430 15 PG	300	600	2.22	1	
KDB 440 15 PG	400	600	3.38	1	
KDB 445 15 PG	450	600	3.73	1	
KDB 450 15 PG	500	600	4.08	1	
KDB 460 15 PG	600	600	4.78	1	

KDB H40



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

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



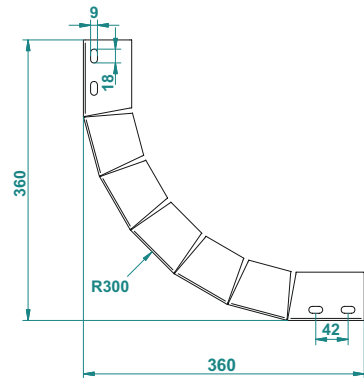
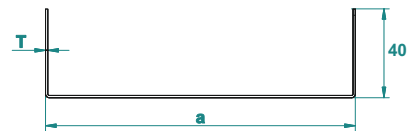
Pre - Galvanised

KIB ... H40		1.0mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
KIB 405 10 PG	50	600	0.5	1	
KIB 407 10 PG	75	600	0.61	1	
KIB 410 10 PG	100	600	0.7	1	
KIB 412 10 PG	125	600	0.8	1	
KIB 415 10 PG	150	600	0.9	1	
KIB 420 10 PG	200	600	1.1	1	
KIB 422 10 PG	225	600	1.19	1	
KIB 425 10 PG	250	600	1.29	1	
KIB ... H40		1.2mm			
KIB 430 12 PG	300	600	1.78	1	
KIB 440 12 PG	400	600	2.7	1	
KIB 445 12 PG	450	600	2.99	1	
KIB 450 12 PG	500	600	3.27	1	
KIB 460 12 PG	600	600	3.84	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			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
KIB 405 15 PG	50	600	0.75	1	
KIB 407 15 PG	75	600	0.9	1	
KIB 410 15 PG	100	600	1.05	1	
KIB 412 15 PG	125	600	1.19	1	
KIB 415 15 PG	150	600	1.34	1	
KIB 420 15 PG	200	600	1.63	1	
KIB 422 15 PG	225	600	1.78	1	
KIB 425 15 PG	250	600	1.93	1	
KIB 430 15 PG	300	600	2.22	1	
KIB 440 15 PG	400	600	3.38	1	
KIB 445 15 PG	450	600	3.73	1	
KIB 450 15 PG	500	600	4.08	1	
KIB 460 15 PG	600	600	4.78	1	

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**

Tee Horizontal Bend of Cable Tray

T-образна хоризонтална чупка на кабелна скара



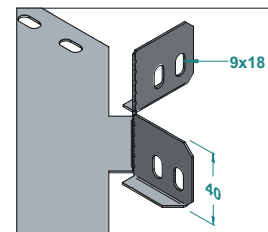
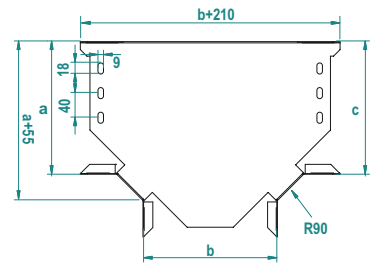
Pre - Galvanised

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

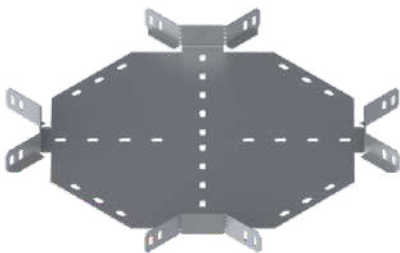
KT ... H40		1.5mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KT 405 15 PG	50	0.38	1
KT 407 15 PG	75	0.48	1
KT 410 15 PG	100	0.76	1
KT 412 15 PG	125	0.9	1
KT 415 15 PG	150	1.05	1
KT 420 15 PG	200	1.38	1
KT 422 15 PG	225	1.58	1
KT 425 15 PG	250	1.78	1
KT 430 15 PG	300	2.46	1
KT 440 15 PG	400	3.52	1
KT 445 15 PG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



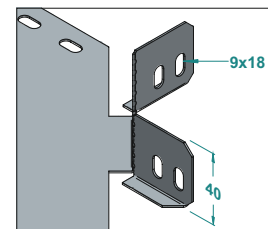
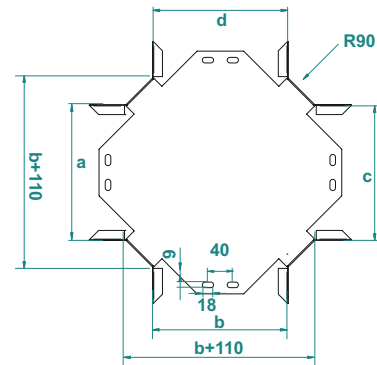
Pre - Galvanised

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

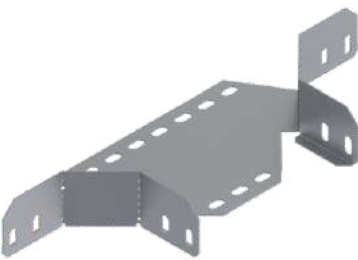
K90E ... H40		1.0mm		
CODE	a mm	Radius R mm	kg 1pc	pcs
K90E 4 10 PG	55	90	0.14	1
K90ER1 4 10 PG	90	150	0.22	1
K90ER2 4 10 PG	180	300	0.49	1

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

Add on Tee horizontal bend

Добавяне - Т-образна хоризонтална чупка



Pre - Galvanised

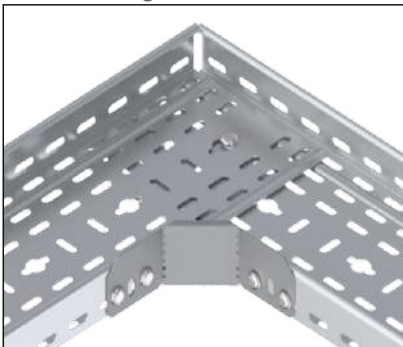
KTE ... H40		1mm		
CODE	Width a mm	Radius R mm	kg 1pc	pcs
KTE 410 10 PG	100	90	0.33	1
KTE 412 10 PG	125	90	0.35	1
KTE 415 10 PG	150	90	0.38	1
KTE 420 10 PG	200	90	0.42	1
KTE 422 10 PG	225	90	0.45	1
KTE 425 10 PG	250	90	0.47	1

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

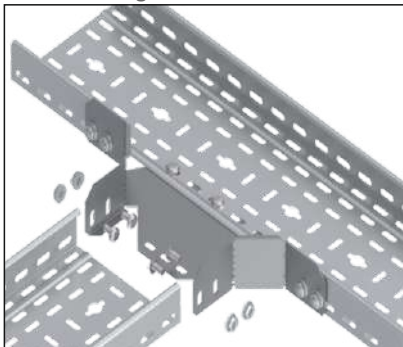
KTE ... H40		1.2mm		
CODE	Width a mm	Radius R mm	kg 1pc	pcs
KTE 430 12 PG	300	90	0.62	1
KTE 440 12 PG	400	90	0.74	1
KTE 445 12 PG	450	90	0.79	1
KTE 450 12 PG	500	90	0.85	1
KTE 460 12 PG	600	90	0.96	1

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

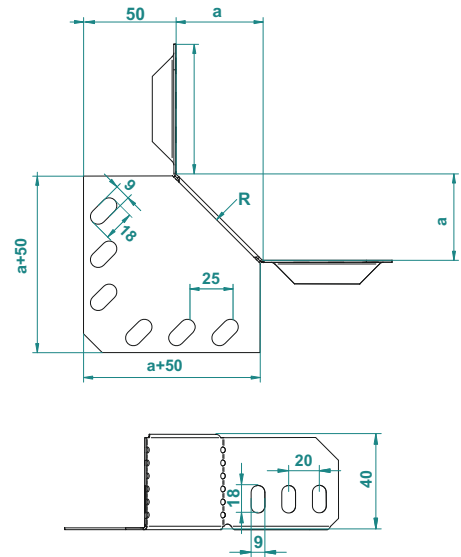
K90E Mounting



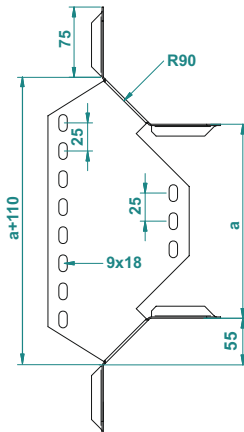
KTE Mounting



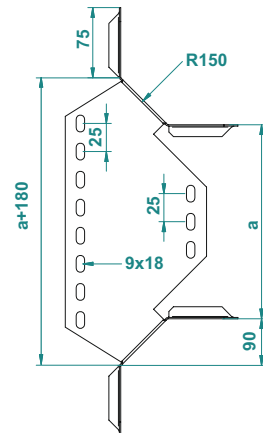
K90E H40



KTE H40



KTER1 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)

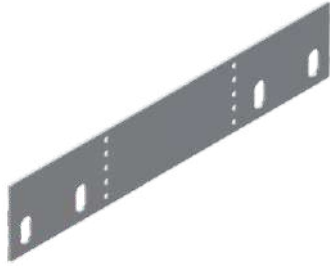
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Reducer Connector - Single Type

Конектор за редуктор



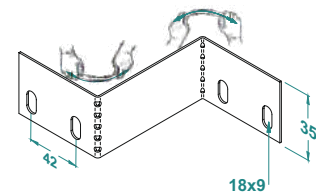
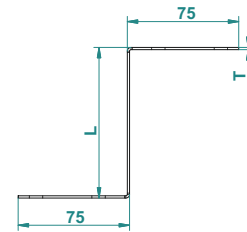
Important!
To install cable tray - reducer use Screw Sets
CFS M6 or CFS M8

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

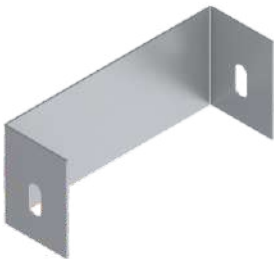
RT ... H40		1.5mm	
CODE	Length L mm	KG 1 pc	pcs
RT 40 325 15 PG	325	0.202	1
RT 40 350 15 PG	350	0.212	1
RT 40 375 15 PG	375	0.222	1
RT 40 400 15 PG	400	0.233	1
RT 40 425 15 PG	425	0.244	1
RT 40 450 15 PG	450	0.255	1
RT 40 475 15 PG	475	0.265	1
RT 40 500 15 PG	500	0.275	1
RT 40 525 15 PG	525	0.286	1
RT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



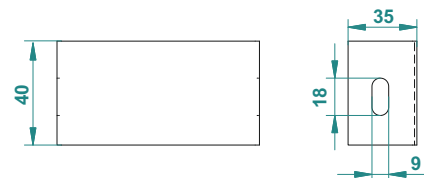
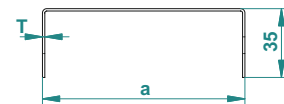
Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

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

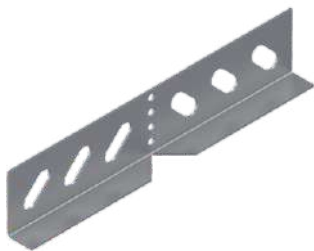
To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

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

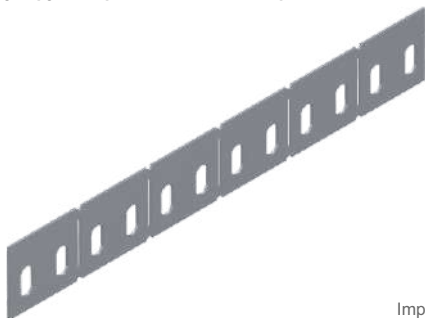
To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

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



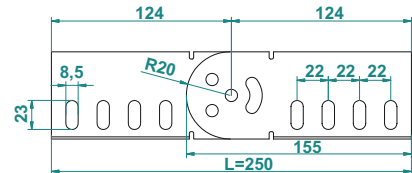
Pre - Galvanised

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

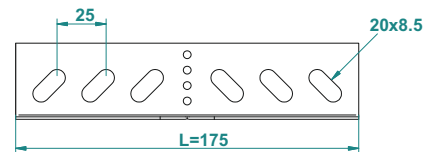
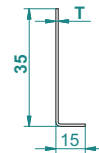
BYDU 1 ... H40		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 140 12 PG	1000	0.3	1

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

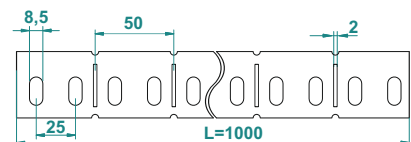
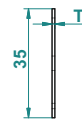
BDD 2 H40



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

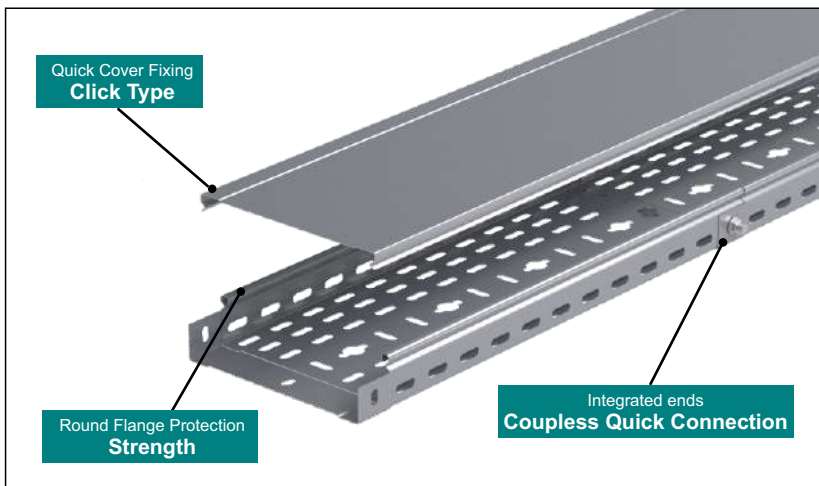


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

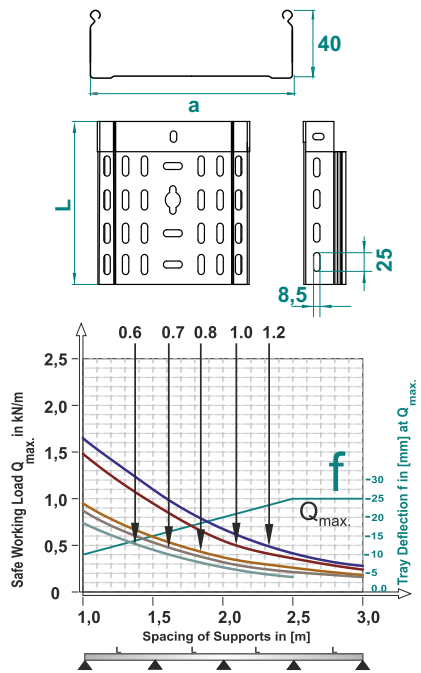
Pre - Galvanised

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	
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	
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	
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
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safely co-efficient = 1.5

APPLICATIONS

Cable routing

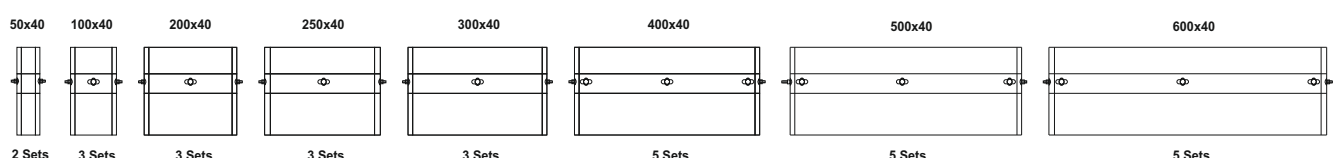
MATERIAL

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



Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



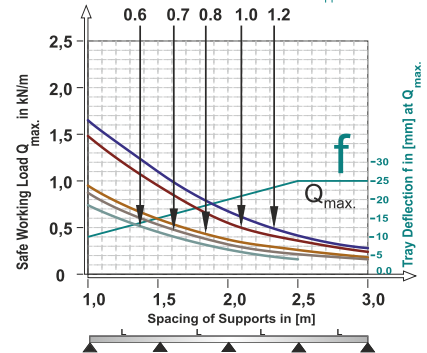
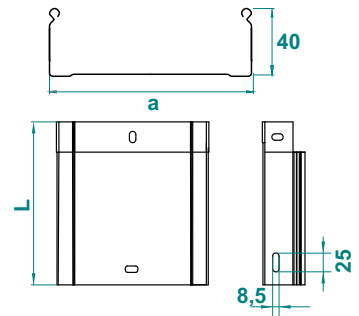
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FDK ... H40		0.6mm		
CODE	Width a mm	Length L mm	Weight kg / 1 pc	Quantity pcs
FDK 405 06 PG	50	3000	0.70	2
FDK 407 06 PG	75	3000	0.82	2
FDK 410 06 PG	100	3000	0.94	2
FDK 412 06 PG	125	3000	1.06	2
FDK 415 06 PG	150	3000	1.17	2
FDK 420 06 PG	200	3000	1.41	2
		0.7mm		
FDK 405 07 PG	50	3000	0.82	2
FDK 407 07 PG	75	3000	0.96	2
FDK 410 07 PG	100	3000	1.09	2
FDK 412 07 PG	125	3000	1.23	2
FDK 415 07 PG	150	3000	1.37	2
FDK 420 07 PG	200	3000	1.64	2
		0.8mm		
FDK 405 08 PG	50	3000	0.93	2
FDK 407 08 PG	75	3000	1.09	2
FDK 410 08 PG	100	3000	1.24	2
FDK 412 08 PG	125	3000	1.40	2
FDK 415 08 PG	150	3000	1.56	2
FDK 420 08 PG	200	3000	1.87	2
FDK 422 08 PG	225	3000	2.03	2
FDK 425 08 PG	250	3000	2.18	2
FDK 430 08 PG	300	3000	2.50	2

FPK ... H40		1.0mm		
CODE	Width a mm	Length L mm	Weight kg / 1 pc	Quantity pcs
FDK 405 10 PG	50	3000	1.15	2
FDK 407 10 PG	75	3000	1.35	2
FDK 410 10 PG	100	3000	1.54	2
FDK 412 10 PG	125	3000	1.74	2
FDK 415 10 PG	150	3000	1.94	2
FDK 420 10 PG	200	3000	2.33	2
FDK 422 10 PG	225	3000	2.52	2
FDK 425 10 PG	250	3000	2.72	2
FDK 430 10 PG	300	3000	3.11	2
FDK 440 10 PG	400	3000	3.90	2
FDK 445 10 PG	450	3000	4.12	2
FDK 450 10 PG	500	3000	4.49	2
FDK 460 10 PG	600	3000	5.24	2
		1.2mm		
FDK 445 12 PG	450	3000	5.15	2
FDK 450 12 PG	500	3000	5.62	2
FDK 460 12 PG	600	3000	6.56	2

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)

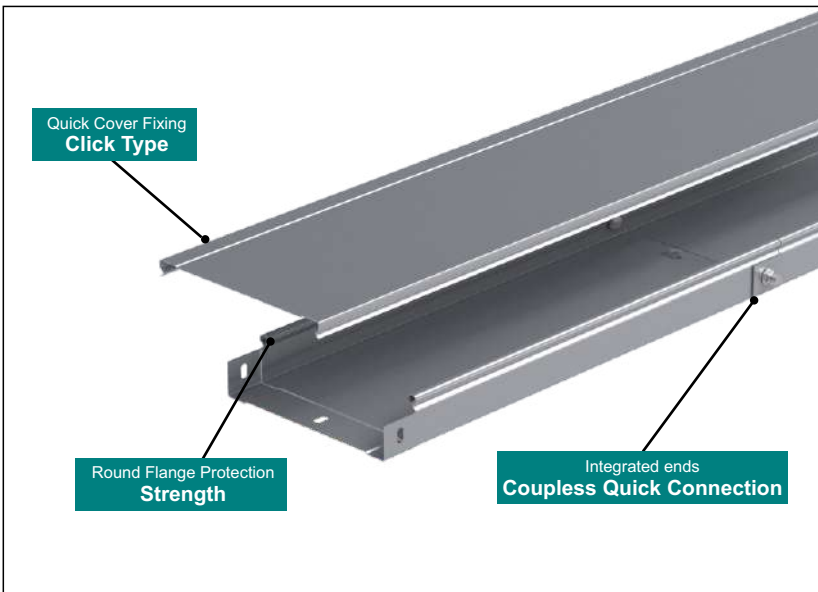
Available finishes:

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		
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



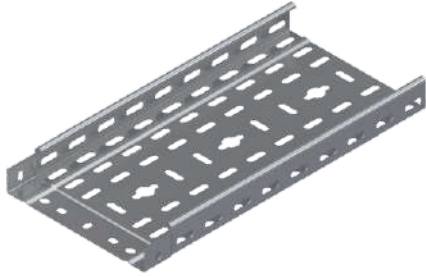
Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Integrated 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

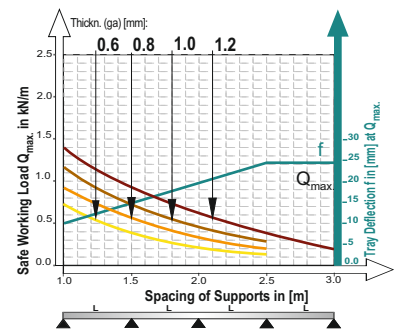
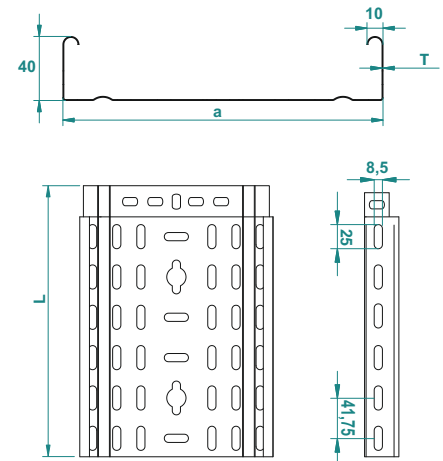
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

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

Mounting Example



GPK H40



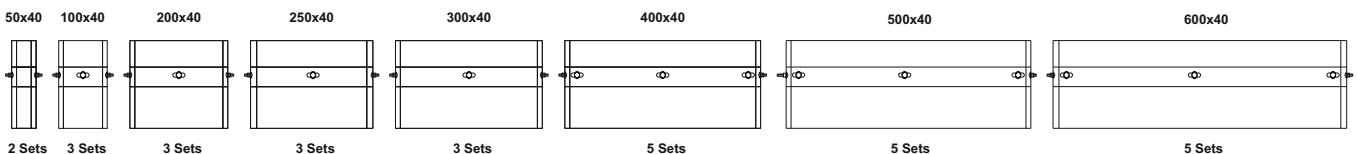
This diagram comply with IEC 61537 with connection to 1/5
of the span and the end span = 0.8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safely co-efficient = 1.5

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

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 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

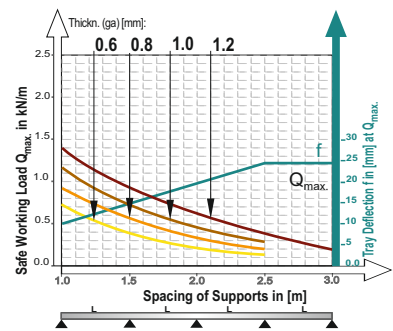
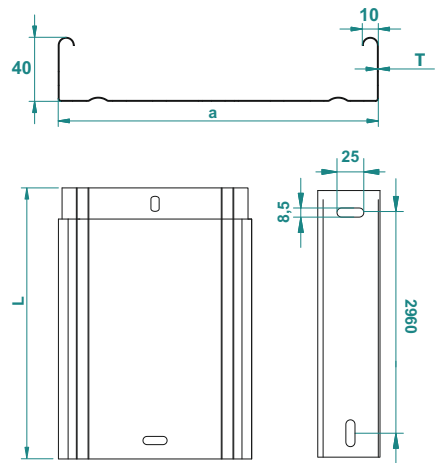
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

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

Mounting Example



GDK H40



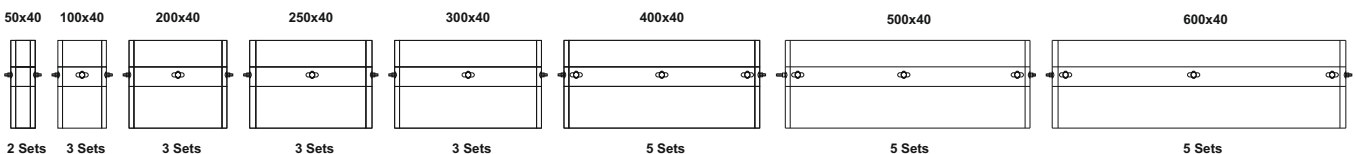
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

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



Perforated Cable Trays - Return Flanges

перфорирани 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 - Galvanized

APK ... H40		0.6mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 405 06 PG	50	3000	0.56	2	
APK 407 06 PG	75	3000	0.66	2	
APK 410 06 PG	100	3000	0.75	2	
APK 412 06 PG	125	3000	0.85	2	
APK 415 06 PG	150	3000	0.94	2	
APK 420 06 PG	200	3000	1.13	2	
APK ... H40		0.8mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 405 08 PG	50	3000	0.74	2	
APK 407 08 PG	75	3000	0.87	2	
APK 410 08 PG	100	3000	0.99	2	
APK 412 08 PG	125	3000	1.12	2	
APK 415 08 PG	150	3000	1.25	2	
APK 420 08 PG	200	3000	1.50	2	
APK 422 08 PG	225	3000	1.62	2	
APK 425 08 PG	250	3000	1.74	2	
APK 430 08 PG	300	3000	2.00	2	
APK ... H40		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 405 10 PG	50	3000	0.92	2	
APK 407 10 PG	75	3000	1.08	2	
APK 410 10 PG	100	3000	1.23	2	
APK 412 10 PG	125	3000	1.39	2	
APK 415 10 PG	150	3000	1.55	2	
APK 420 10 PG	200	3000	1.86	2	
APK 422 10 PG	225	3000	2.02	2	
APK 425 10 PG	250	3000	2.18	2	
APK 430 10 PG	300	3000	2.49	2	
APK 440 10 PG	400	3000	3.12	2	

APK ... H40		1.2mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 405 12 PG	50	3000	1.10	2	
APK 407 12 PG	75	3000	1.30	2	
APK 410 12 PG	100	3000	1.48	2	
APK 412 12 PG	125	3000	1.67	2	
APK 415 12 PG	150	3000	1.86	2	
APK 420 12 PG	200	3000	2.23	2	
APK 422 12 PG	225	3000	2.42	2	
APK 425 12 PG	250	3000	2.61	2	
APK 430 12 PG	300	3000	2.99	2	
APK 440 12 PG	400	3000	3.74	2	
APK 445 12 PG	450	3000	4.12	2	
APK 450 12 PG	500	3000	4.50	2	
APK 460 12 PG	600	3000	5.25	2	
APK ... H40		1.5mm		kg	pcs
CODE	Width a mm	Length L mm	1 mt	1 mt	1 mt
APK 405 15 PG	50	3000	1.36	2	
APK 407 15 PG	75	3000	1.59	2	
APK 410 15 PG	100	3000	1.83	2	
APK 412 15 PG	125	3000	2.06	2	
APK 415 15 PG	150	3000	2.30	2	
APK 420 15 PG	200	3000	2.78	2	
APK 422 15 PG	225	3000	3.01	2	
APK 425 15 PG	250	3000	3.25	2	
APK 430 15 PG	300	3000	3.71	2	
APK 440 15 PG	400	3000	4.66	2	
APK 445 15 PG	450	3000	5.13	2	
APK 450 15 PG	500	3000	5.60	2	
APK 460 15 PG	600	3000	6.54	2	

Straight Connector (Coupler)

Прав конектор (съединител)



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

Pre - Galvanized

KBE 2 ... H40		1.0mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 240 10 PG	175	0.08	100		
KBE 2 ... H40		1.2mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 240 12 PG	175	0.08	100		

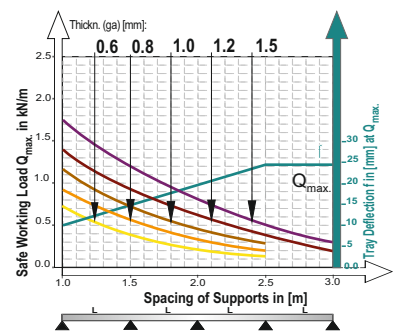
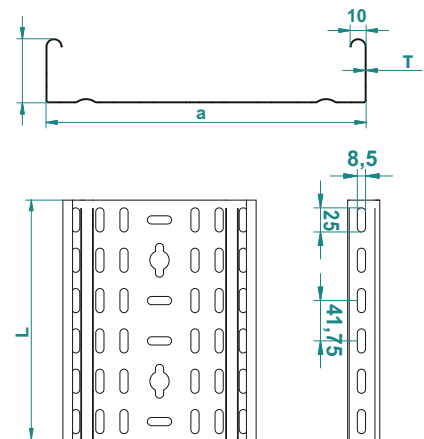
KBE 2 ... H40		1.5mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 240 12 PG	175	0.08	100		

Electro - Galvanized

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

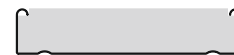
CFS M8		M8		kg	pcs
CODE	Size mm	Length L mm	1 Set	1 Set	1 Set
CFS M8 EG	M8	15	0,014	500	

APK H40

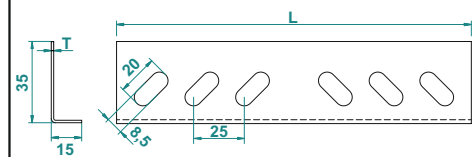


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

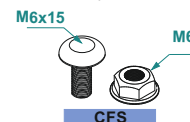
Width	Usable Cross-Section
50	18 cm ²
100	38 cm ²
150	58 cm ²
200	78 cm ²
300	118 cm ²
400	158 cm ²
500	198 cm ²
600	238 cm ²



KBE 2 H40



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 - Galvanized

ADK ... H40		0.6mm		Kg 1 mt	pcs
CODE	Width a mm	Length L mm			
ADK 405 06 PG	50	3000	0.70	2	
ADK 407 06 PG	75	3000	0.82	2	
ADK 410 06 PG	100	3000	0.94	2	
ADK 412 06 PG	125	3000	1.06	2	
ADK 415 06 PG	150	3000	1.17	2	
ADK 420 06 PG	200	3000	1.41	2	
		0.8mm		Kg 1 mt	pcs
CODE	Width a mm	Length L mm			
ADK 405 08 PG	50	3000	0.93	2	
ADK 407 08 PG	75	3000	1.09	2	
ADK 410 08 PG	100	3000	1.24	2	
ADK 412 08 PG	125	3000	1.40	2	
ADK 415 08 PG	150	3000	1.56	2	
ADK 420 08 PG	200	3000	1.87	2	
ADK 422 08 PG	225	3000	2.03	2	
ADK 425 08 PG	250	3000	2.18	2	
ADK 430 08 PG	300	3000	2.50	2	
		1.0mm		Kg 1 mt	pcs
CODE	Width a mm	Length L mm			
ADK 405 10 PG	50	3000	1.15	2	
ADK 407 10 PG	75	3000	1.35	2	
ADK 410 10 PG	100	3000	1.54	2	
ADK 412 10 PG	125	3000	1.74	2	
ADK 415 10 PG	150	3000	1.94	2	
ADK 420 10 PG	200	3000	2.33	2	
ADK 422 10 PG	225	3000	2.52	2	
ADK 425 10 PG	250	3000	2.72	2	
ADK 430 10 PG	300	3000	3.11	2	
ADK 440 10 PG	400	3000	3.90	2	

ADK ... H40		1.2mm		Kg 1 mt	pcs
CODE	Width a mm	Length L mm			
ADK 405 12 PG	50	3000	1.38	2	
ADK 407 12 PG	75	3000	1.62	2	
ADK 410 12 PG	100	3000	1.85	2	
ADK 412 12 PG	125	3000	2.09	2	
ADK 415 12 PG	150	3000	2.32	2	
ADK 420 12 PG	200	3000	2.79	2	
ADK 422 12 PG	225	3000	3.03	2	
ADK 425 12 PG	250	3000	3.26	2	
ADK 430 12 PG	300	3000	3.74	2	
ADK 440 12 PG	400	3000	4.68	2	
ADK 445 12 PG	450	3000	5.15	2	
ADK 450 12 PG	500	3000	5.62	2	
ADK 460 12 PG	600	3000	6.56	2	
		1.5mm		Kg 1 mt	pcs
CODE	Width a mm	Length L mm			
ADK 405 15 PG	50	3000	1.70	2	
ADK 407 15 PG	75	3000	1.99	2	
ADK 410 15 PG	100	3000	2.29	2	
ADK 412 15 PG	125	3000	2.58	2	
ADK 415 15 PG	150	3000	2.88	2	
ADK 420 15 PG	200	3000	3.47	2	
ADK 422 15 PG	225	3000	3.76	2	
ADK 425 15 PG	250	3000	4.06	2	
ADK 430 15 PG	300	3000	4.64	2	
ADK 440 15 PG	400	3000	5.82	2	
ADK 445 15 PG	450	3000	6.41	2	
ADK 450 15 PG	500	3000	7.00	2	
ADK 460 15 PG	600	3000	8.18	2	

Separator

Разделител



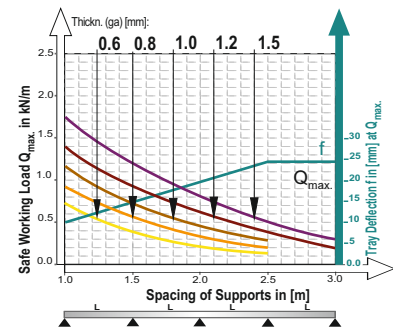
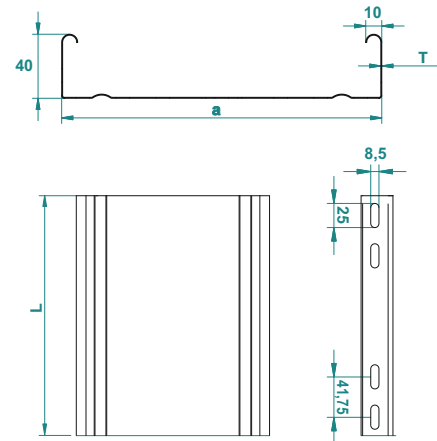
To Install Separator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanized

SEP ... H40		1.0mm		Kg 1m	pcs
CODE	Length L mm				
SEP 140 10 PG	3000	0.43	1		

SEP ... H40		1.5mm		Kg 1m	pcs
CODE	Length L mm				
SEP 140 15 PG	3000	0.64	1		

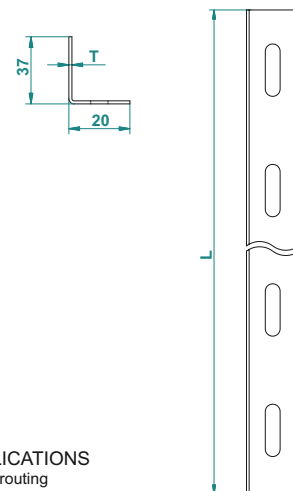
APK H40



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	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

SEP 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

90° Horizontal Bend of Cable Tray

90° хоризонтално огъване на кабелна скара



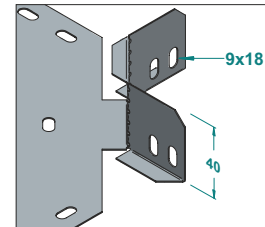
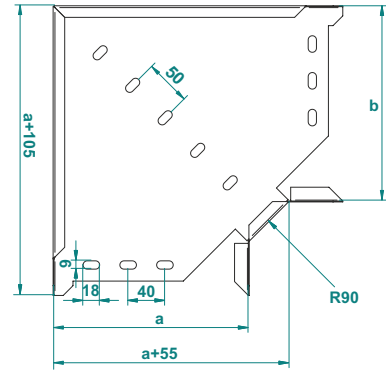
Pre - Galvanized

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

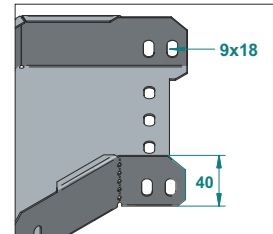
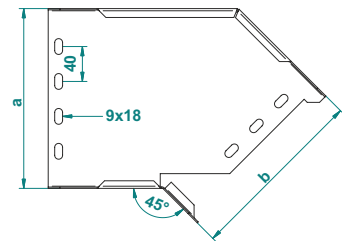
KA90 ... H40		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 405 08 PG	50	0.17	1
KA90 407 08 PG	75	0.23	1
KA90 410 08 PG	100	0.35	1
KA90 412 08 PG	125	0.42	1
KA90 415 08 PG	150	0.49	1
KA90 420 08 PG	200	0.67	1
KA90 ... H40		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KA90 405 10 PG	50	0.22	1
KA90 407 10 PG	75	0.29	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



KA45 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

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



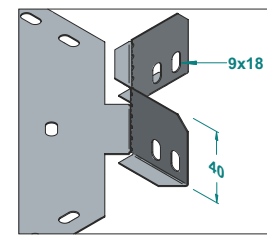
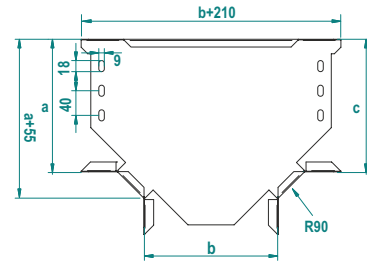
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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	
CODE	Width a=b=c mm	kg 1 pc	pcs
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

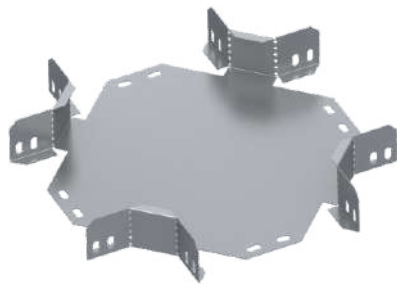
KAT ... H40		1.2mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 430 12 PG	300	2.04	1
KAT 440 12 PG	400	2.90	1
KAT 445 12 PG	450	3.39	1
KAT 450 12 PG	500	3.92	1
KAT 460 12 PG	600	5.09	1
KAT ... H40		1.5mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 405 15 PG	50	0.42	1
KAT 407 15 PG	75	0.53	1
KAT 410 15 PG	100	0.81	1
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



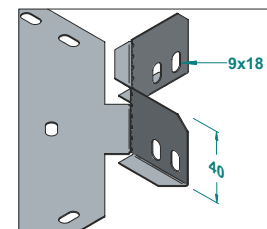
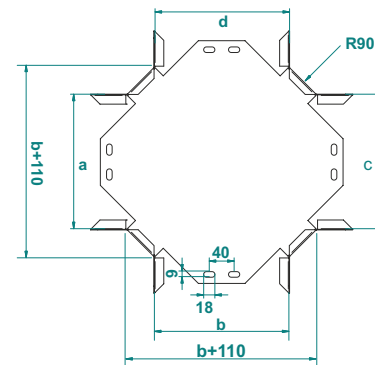
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
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	
CODE	Width a=b=c=d mm	kg 1 pc	pcs
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**

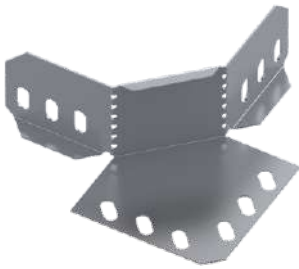
Cable Trays - System of Side Height H40



ЕНЕРДЖИ ГРУП ООД

Add On 90° Horizontal Corner Bend of Cable Tray

Добавяне - 90° хоризонтално ъглово огъване на кабелна скарата



Pre - Galvanized

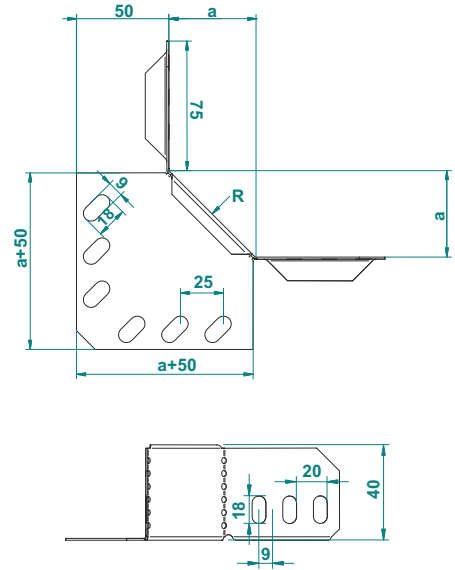
KA90E ... H40		0.8mm		Kg 1pc	pcs
CODE	a mm	Radius R mm			
KA90E 4 08 PG	55	90	0.11	1	
KA90ER1 4 08 PG	90	150	0.17	1	
KA90ER2 4 08 PG	180	300	0.39	1	
		1.0mm			
KA90E 4 10 PG	55	90	0.14	1	
KA90ER1 4 10 PG	90	150	0.22	1	
KA90ER2 4 10 PG	180	300	0.49	1	

Important!

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

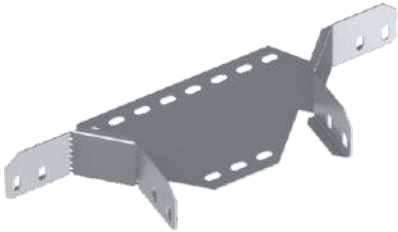
KA90E ... H40		1.5mm		Kg 1pc	pcs
CODE	a mm	Radius R mm			
KA90E 4 15 PG	55	90	0.22	1	
KA90ER1 4 15 PG	90	150	0.34	1	
KA90ER2 4 15 PG	180	300	0.73	1	

KA90 E H40



Add on tee horizontal bend

Допълнителна Т-образна хоризонтална чупка



Pre - Galvanized

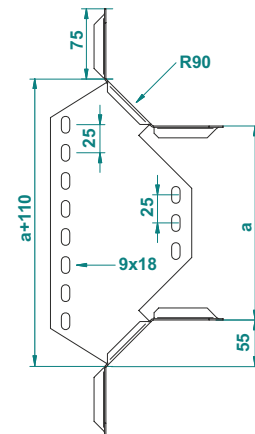
KATE ... H40		0.8mm		Kg 1pc	pcs
CODE	Width a mm	Radius R mm			
KATE 410 08 PG	100	90	0.26	1	
KATE 412 08 PG	125	90	0.28	1	
KATE 415 08 PG	150	90	0.30	1	
KATE 420 08 PG	200	90	0.33	1	
		1.0mm			
KATE 410 10 PG	100	90	0.33	1	
KATE 412 10 PG	125	90	0.35	1	
KATE 415 10 PG	150	90	0.38	1	
KATE 420 10 PG	200	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!

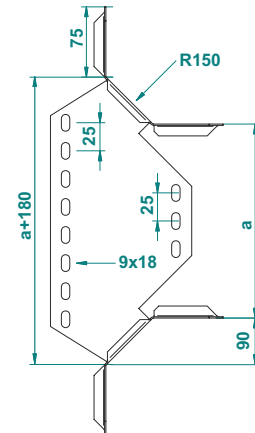
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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



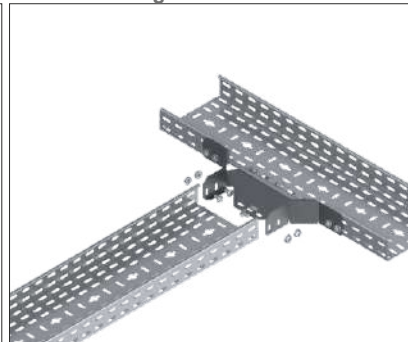
KATER1 H40



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.)

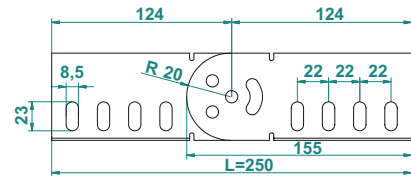


To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanized

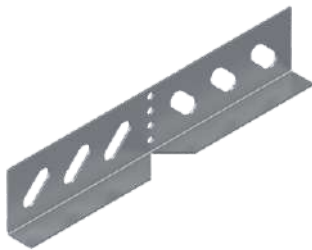
BDD 2 ... H40				BDD 2 ... H40			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BDD 240 12 PG	250	0.14	50	BDD 240 15 PG	250	0.17	50

BDD 2 H40



Adjustable Horizontal Connector

Регулируем хоризонтален конектор

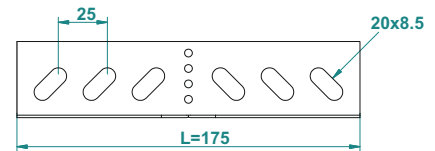
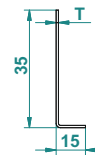


To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanized

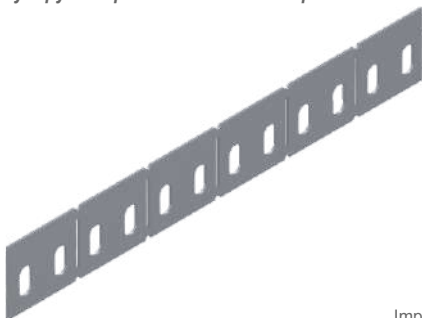
BYD 2 ... H40				BYD 2 ... H40			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYD 240 12 PG	175	0.08	100	BYD 240 15 PG	175	0.1	100

BYD 2 H40



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг

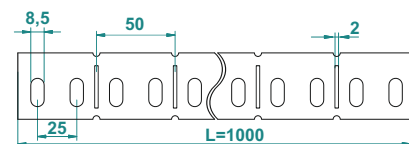


Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

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)

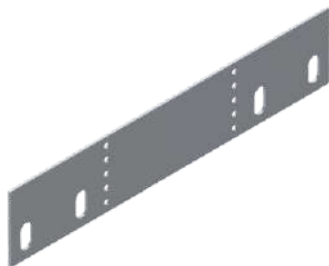
SS- stainless steel AISI 304L and AISI 316L (SS)

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



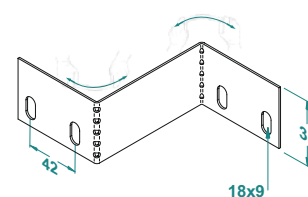
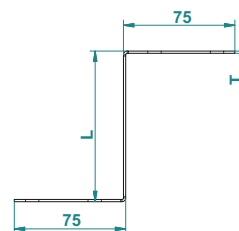
Pre - Galvanized

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

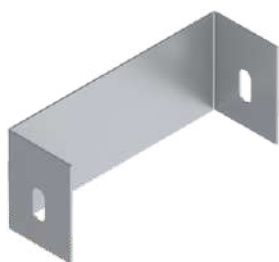
RT ... H40		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 40 325 15 PG	325	0,224	1
RT 40 350 15 PG	350	0,236	1
RT 40 375 15 PG	375	0,247	1
RT 40 400 15 PG	400	0,259	1
RT 40 425 15 PG	425	0,271	1
RT 40 450 15 PG	450	0,283	1
RT 40 475 15 PG	475	0,294	1
RT 40 500 15 PG	500	0,306	1
RT 40 525 15 PG	525	0,318	1
RT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



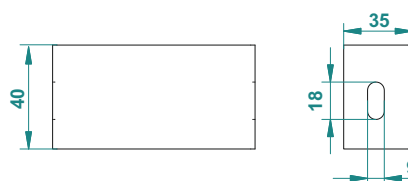
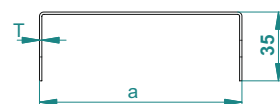
Pre - Galvanized

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



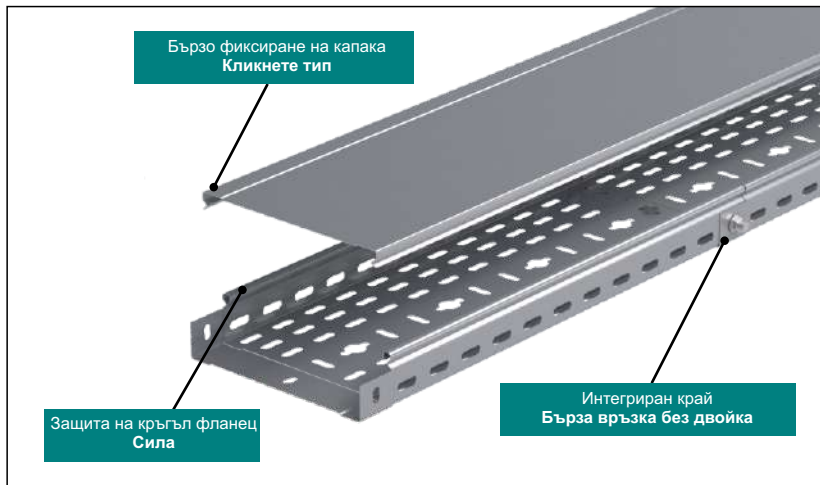
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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		



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	50	50	2 Sets	2 Sets	2 Sets	-	-	-	-
100	100	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	150	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	200	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	250	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	300	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	400	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	500	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	600	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets

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
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 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**

Integrated Perforated Cable Trays - Return Flanges

Geşmeli Tip Kablo Kanalı - Интегрированные Перфорированные лотки

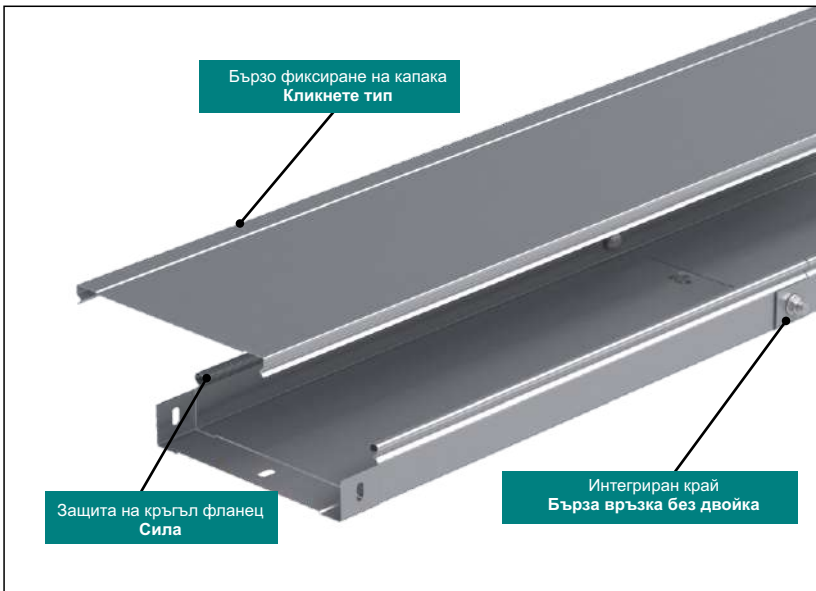


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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	



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	50	50	2 Sets	2 Sets	2 Sets	-	-	-	-
100	100	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	150	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	200	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	250	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	300	50	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	400	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	500	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	600	50	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets

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**

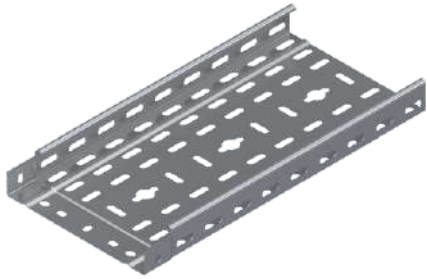
Cable Trays - System of Side Height H50



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		
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

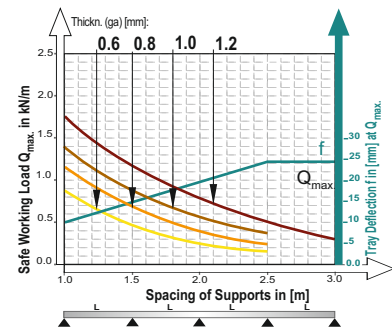
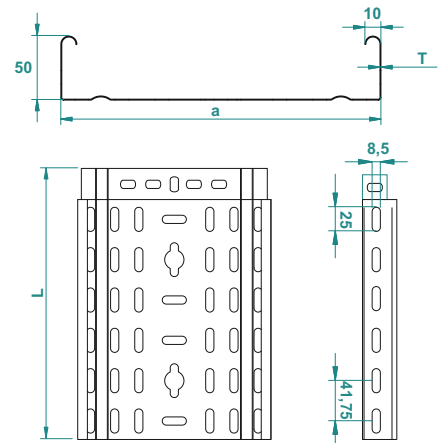
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

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

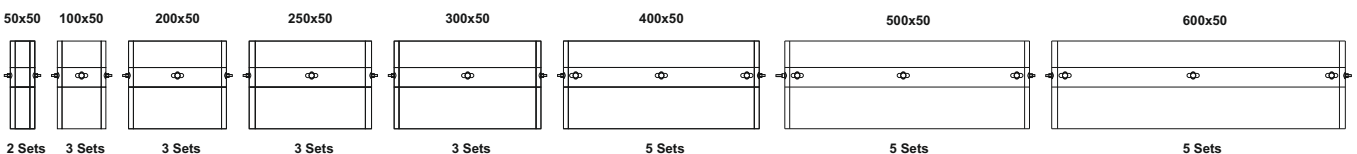


Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

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

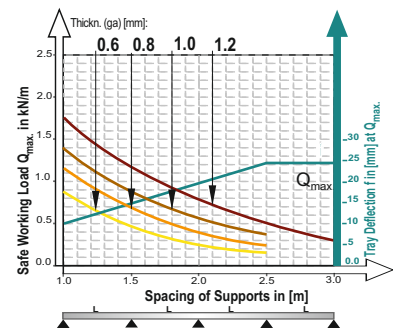
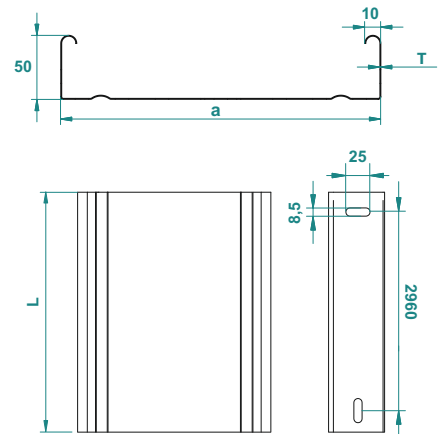
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

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

Mounting Example



GDK H50



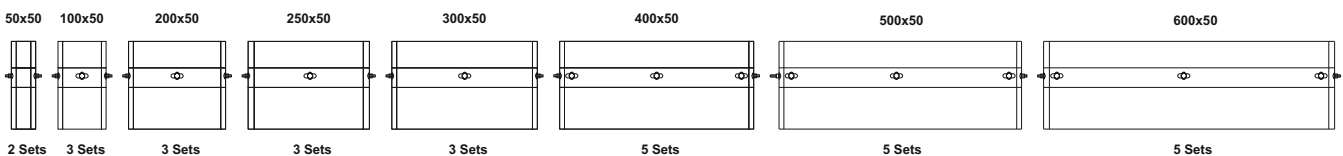
This diagram comply with IEC 61537 with connection to 1/5
of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

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	
		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	
		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	
		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		

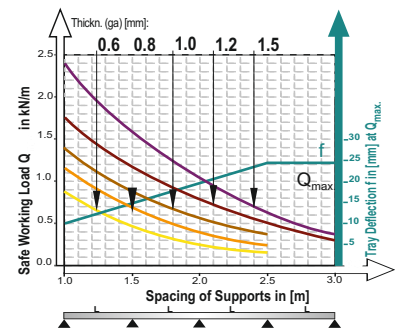
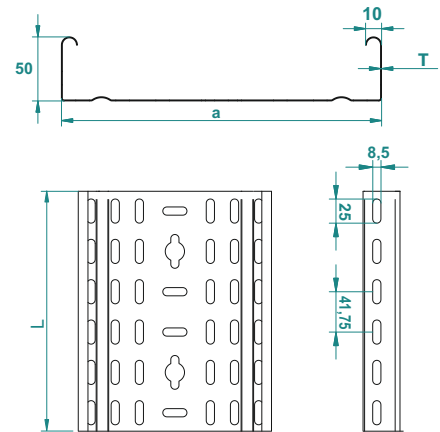
KBE 2 ... H50		1.2mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 250 12 PG	175	0.09	100		
		1.5mm		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc	1 pc
KBE 250 15 PG	175	0.11	100		

Electro - Galvanized

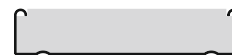
CFS M6		M6		kg	pcs
CODE	Size	Length L mm	1 Set	1 Set	1 Set
CFS M6 EG	M6	15	0.008	500	

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

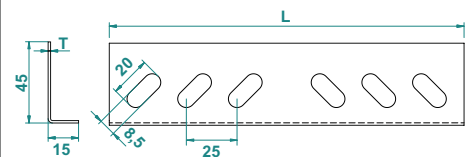


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

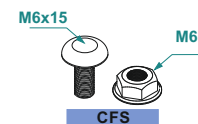


Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

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**

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



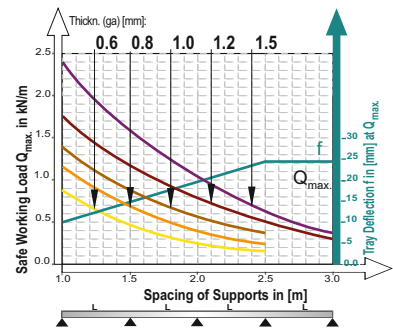
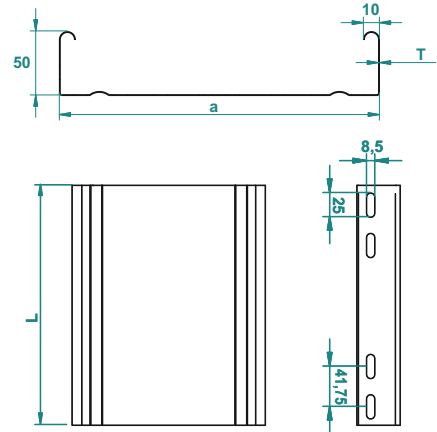
To Install Separator use CFS bolts and nuts. (M6 or M8)

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)

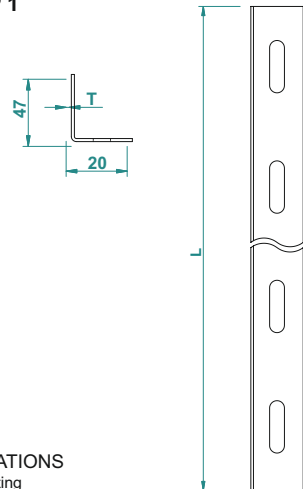
L = support distance (m)

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



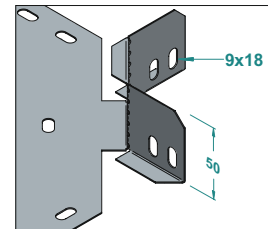
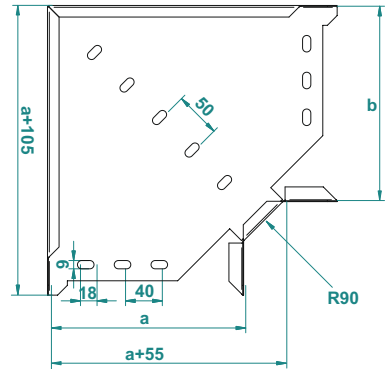
Pre - Galvanised

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

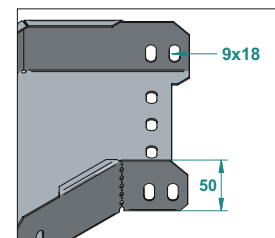
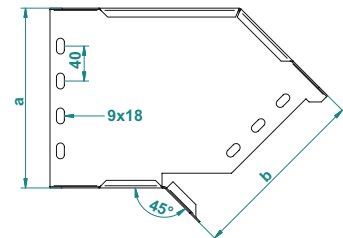


Pre - Galvanised

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

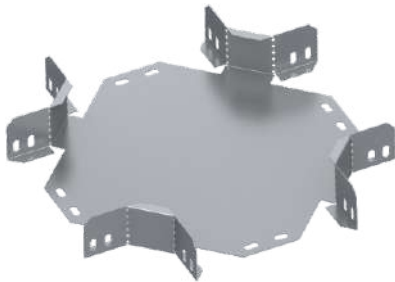
KAT ... H50		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 505 08 PG	50	0.25	1
KAT 507 08 PG	75	0.31	1
KAT 510 08 PG	100	0.47	1
KAT 512 08 PG	125	0.56	1
KAT 515 08 PG	150	0.64	1
KAT 520 08 PG	200	0.84	1
KAT ... H50		1.0mm	
KAT 505 10 PG	50	0.32	1
KAT 507 10 PG	75	0.39	1
KAT 510 10 PG	100	0.59	1
KAT 512 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

Cross Bend of Cable Tray

Напречно огъване на кабелна скара



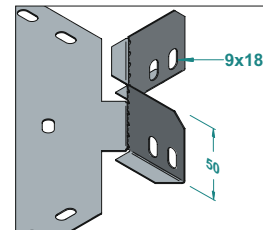
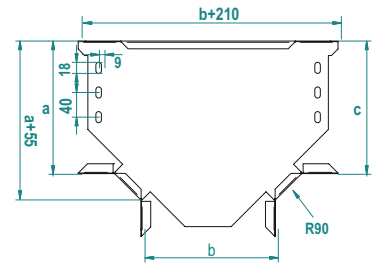
Pre - Galvanised

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

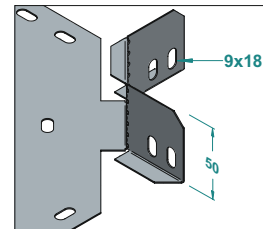
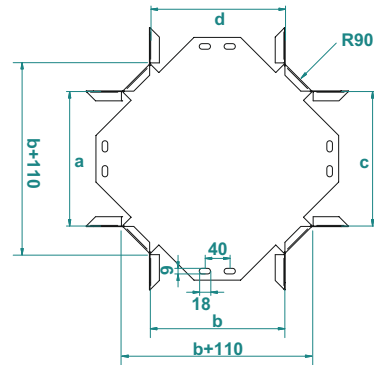
Important!
To install cable tray - bend use Screw Sets CFS
M6 or CFS M8

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	0.12	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	1.08	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	4.09	1
KAD 550 15 PG	500	5.81	1
KAD 560 15 PG	600	7.38	1

KAT H50



KAD 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

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)



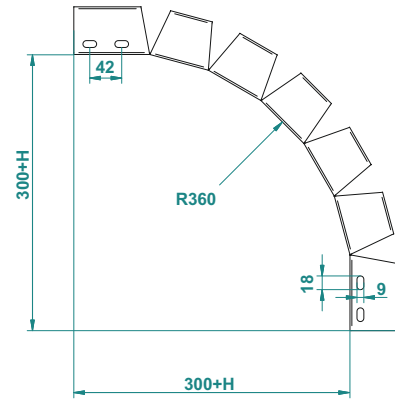
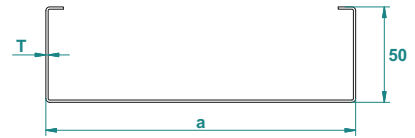
Important!
To install vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8).

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

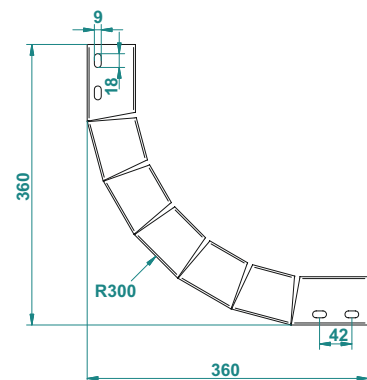
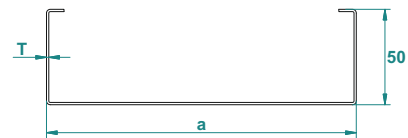
KAIB ... H50		1.2mm		
CODE	Width a mm	Length L mm	kg 1 pc	pcs
KAIB 530 12 PG	300	600	1.96	1
KAIB 540 12 PG	400	600	2.92	1
KAIB 545 12 PG	450	600	3.02	1
KAIB 550 12 PG	500	600	3.49	1
KAIB 560 12 PG	600	600	4.05	1
		1.5mm		
KAIB 505 15 PG	50	600	0.97	1
KAIB 507 15 PG	75	600	1.12	1
KAIB 510 15 PG	100	600	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**

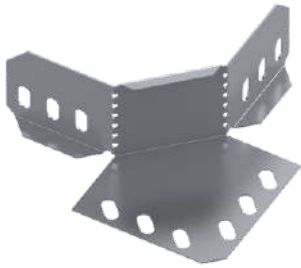
Cable Trays - System of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Add On 90° Horizontal Corner Bend of Cable Tray

Добавяне - 90° Хоризонтално ъглово огъване на кабелна скарата.



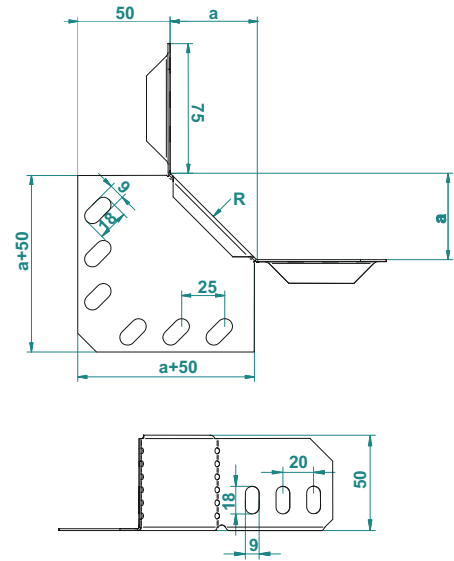
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

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

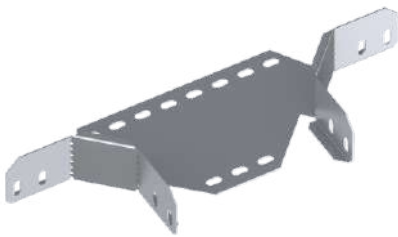
KA90E ... H50		1.5mm		kg	pcs
CODE	a mm	Radius R mm	kg 1 pc	kg	pcs
KA90E 5 15 PG	55	90	0.24	1	1
KA90ER1 5 15 PG	90	150	0.37	1	1
KA90ER2 5 15 PG	180	300	0.76	1	1

KA90E H50



Add on tee horizontal bend

Добавяне Т-образна хоризонтална чупка.



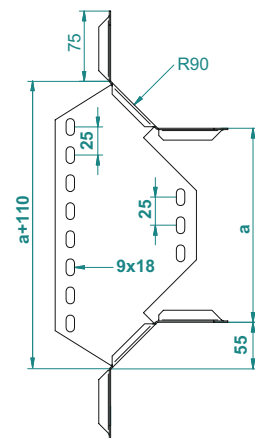
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

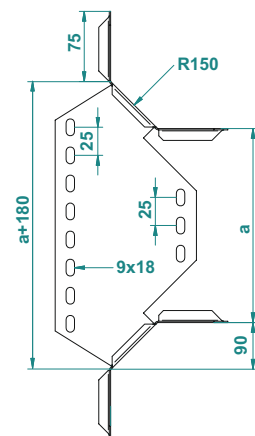
KATE ... H50		0.8mm		kg	pcs
CODE	Width a mm	Radius R mm	kg 1 pc	kg	pcs
KATE 510 08 PG	100	90	0.28	1	1
KATE 512 08 PG	125	90	0.30	1	1
KATE 515 08 PG	150	90	0.32	1	1
KATE 520 08 PG	200	90	0.36	1	1
		1.0mm		kg	pcs
KATE 510 10 PG	100	90	0.36	1	1
KATE 512 10 PG	125	90	0.38	1	1
KATE 515 10 PG	150	90	0.41	1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

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

KATE



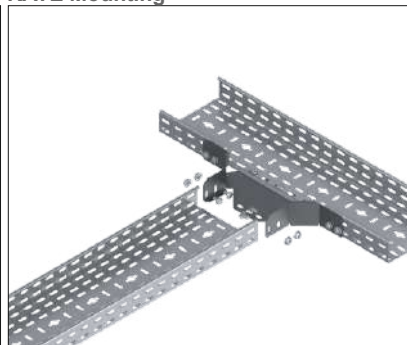
KATER1



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

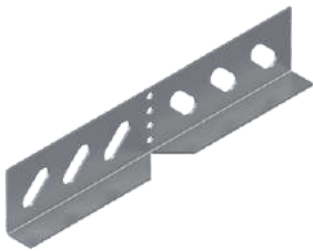
To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

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

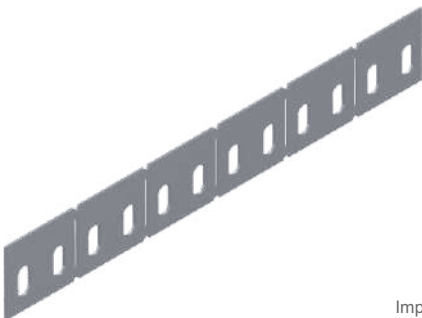
To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

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



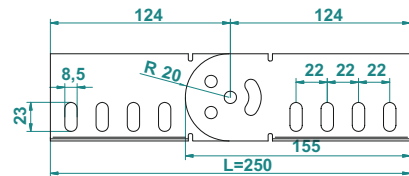
Pre - Galvanised

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

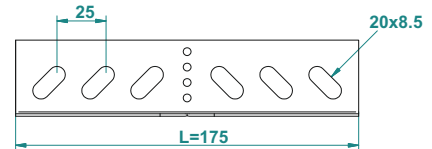
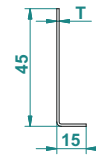
BYDU 1 ... H50		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYDU 150 12 PG	1000	0.3	1

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

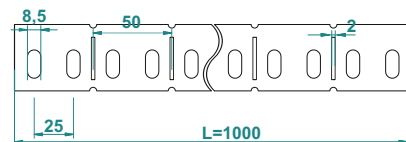
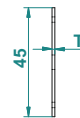
BDD 2 H50



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)

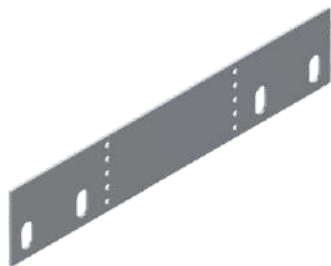
SS- stainless steel AISI 304L and AISI 316L (SS)

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



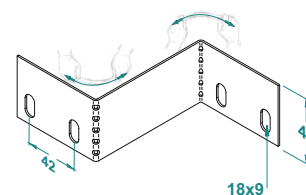
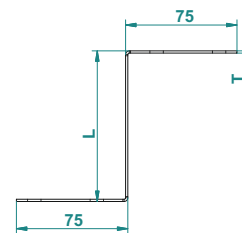
Pre - Galvanised

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

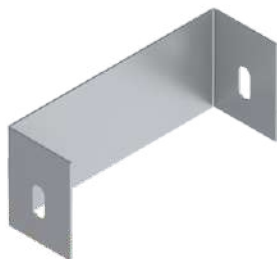
RT ... H50		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 50 325 15 PG	325	0,262	1
RT 50 350 15 PG	350	0,265	1
RT 50 375 15 PG	375	0,278	1
RT 50 400 15 PG	400	0,292	1
RT 50 425 15 PG	425	0,305	1
RT 50 450 15 PG	450	0,318	1
RT 50 475 15 PG	475	0,331	1
RT 50 500 15 PG	500	0,345	1
RT 50 525 15 PG	525	0,357	1
RT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



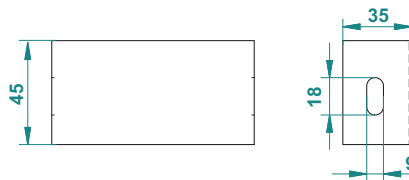
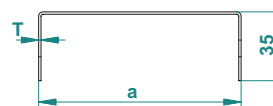
Pre - Galvanised

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**

Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Perforated Cable Trays - Return Flanges

Перфориран кабелни скари - връщащи фланци

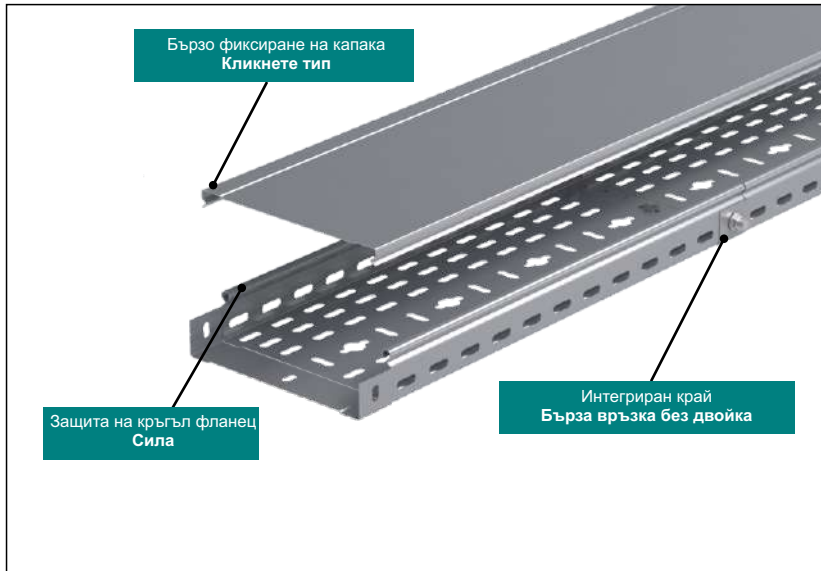


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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

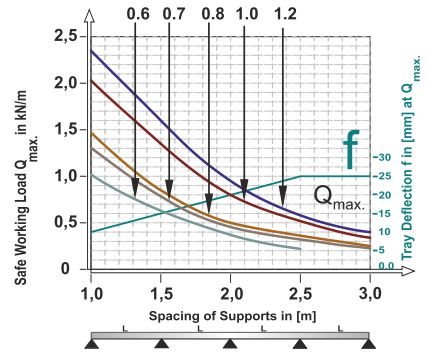
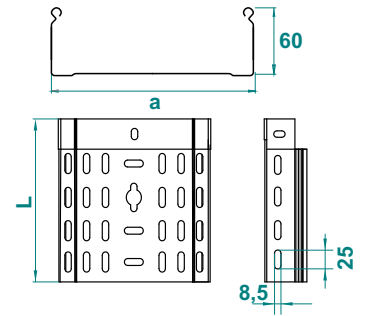
FPK ... H60		1.0mm		kg	pcs
CODE	Width a mm	Length L mm	kg	1 pc	pcs
FPK 605 10 PG	50	3000	1.18	1	2
FPK 607 10 PG	75	3000	1.33	1	2
FPK 610 10 PG	100	3000	1.49	1	2
FPK 612 10 PG	125	3000	1.64	1	2
FPK 615 10 PG	150	3000	1.80	1	2
FPK 620 10 PG	200	3000	2.11	1	2
FPK 622 10 PG	225	3000	2.27	1	2
FPK 625 10 PG	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



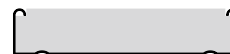
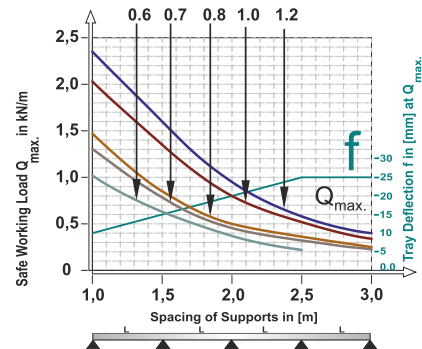
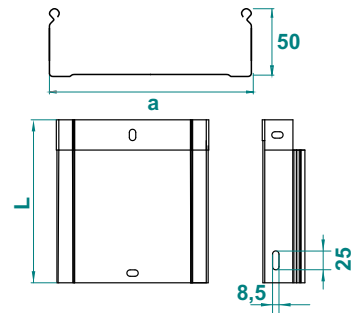
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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
 $Q = \text{max. admissible load (kg/m)}$
 $L = \text{support distance (m)}$
 $f = \text{Deflection (mm) / Max. deflection} = L/100$
 Safety co-efficient = 1.5

APPLICATIONS

Cable routing

MATERIAL

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

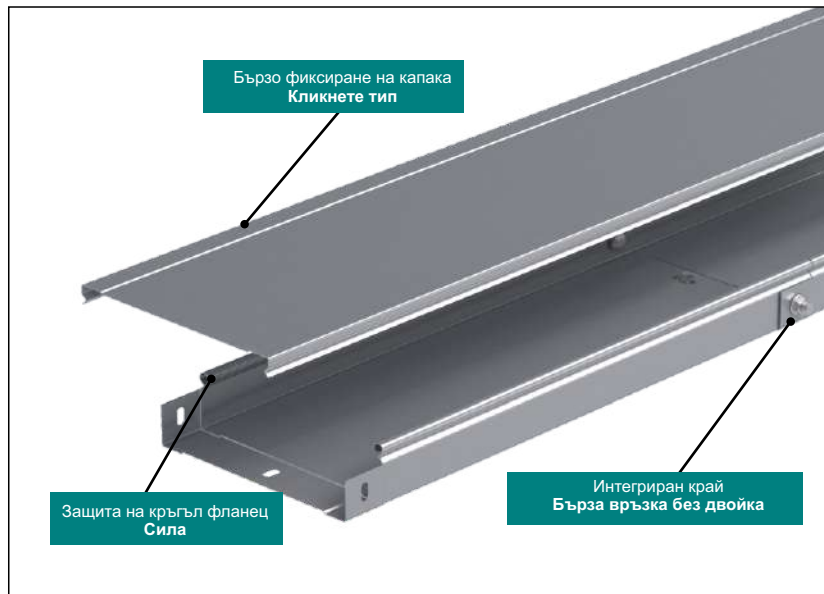
Available finishes:

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

		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



Pre - Galvanised

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

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

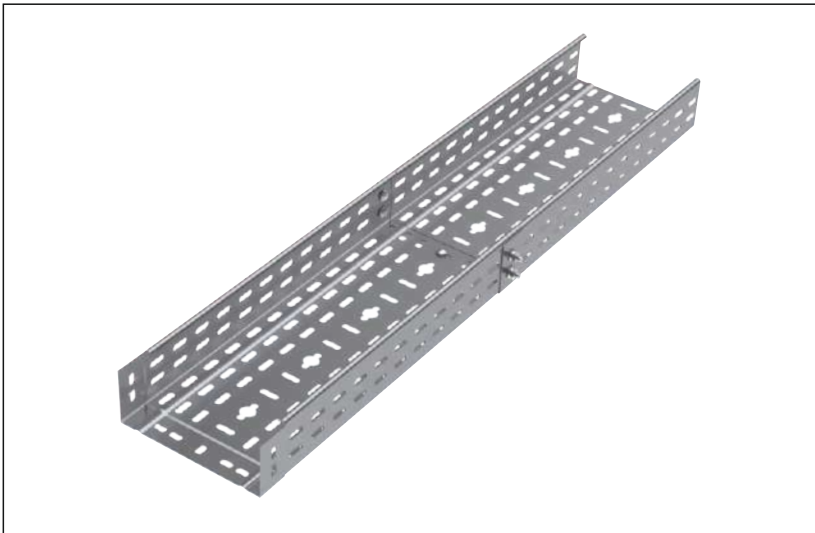
GPK ... H60		0.8mm	
CODE	Width a mm	Length L mm	Kg 1 mt
GPK 605 08 PG	50	3000	0.94
GPK 607 08 PG	75	3000	1.07
GPK 610 08 PG	100	3000	1.19
GPK 612 08 PG	125	3000	1.32
GPK 615 08 PG	150	3000	1.45
GPK 620 08 PG	200	3000	1.70
GPK 622 08 PG	225	3000	1.82
GPK 625 08 PG	250	3000	1.95
GPK 630 08 PG	300	3000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

MATERIAL

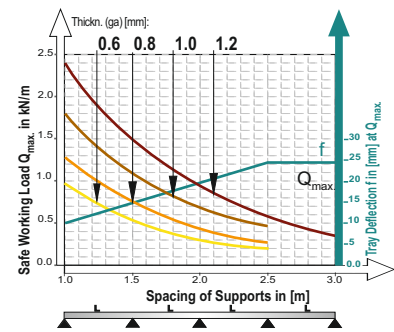
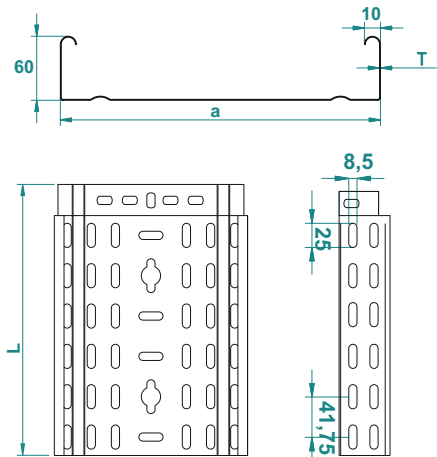
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

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

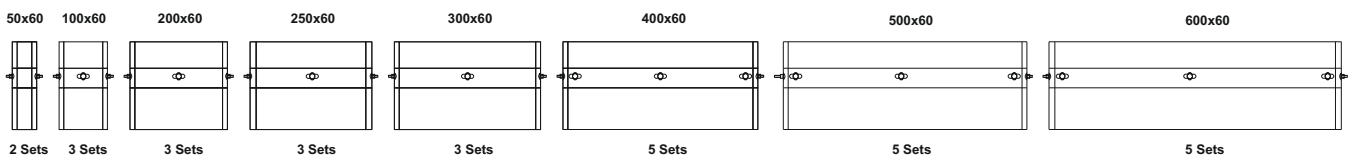
Safety co-efficient = 1.5

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

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 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	pcs
GDK 605 06 PG	50	3000	0.89	2
GDK 607 06 PG	75	3000	1.01	2
GDK 610 06 PG	100	3000	1.13	2
GDK 612 06 PG	125	3000	1.24	2
GDK 615 06 PG	150	3000	1.36	2
GDK 620 06 PG	200	3000	1.60	2
GDK ... H60		0.7mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
GDK 605 07 PG	50	3000	1.04	2
GDK 607 07 PG	75	3000	1.18	2
GDK 610 07 PG	100	3000	1.31	2
GDK 612 07 PG	125	3000	1.45	2
GDK 615 07 PG	150	3000	1.59	2
GDK 620 07 PG	200	3000	1.86	2

GDK ... H60		0.8mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
GDK 605 08 PG	50	3000	1.18	2
GDK 607 08 PG	75	3000	1.34	2
GDK 610 08 PG	100	3000	1.49	2
GDK 612 08 PG	125	3000	1.65	2
GDK 615 08 PG	150	3000	1.81	2
GDK 620 08 PG	200	3000	2.12	2
GDK 622 08 PG	225	3000	2.28	2
GDK 625 08 PG	250	3000	2.44	2
GDK 630 08 PG	300	3000	2.75	2
GDK ... H60		1.0mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
GDK 605 10 PG	50	3000	1.47	2
GDK 610 10 PG	75	3000	1.66	2
GDK 612 10 PG	125	3000	2.05	2
GDK 615 10 PG	150	3000	2.25	2
GDK 620 10 PG	200	3000	2.64	2
GDK 622 10 PG	225	3000	2.84	2
GDK 625 10 PG	250	3000	3.04	2
GDK 630 10 PG	300	3000	3.43	2
GDK 640 10 PG	400	3000	4.21	2
GDK ... H60		1.2mm		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
GDK 645 12 PG	450	3000	5.53	2
GDK 650 12 PG	500	3000	6.00	2
GDK 660 12 PG	600	3000	6.94	2

MATERIAL

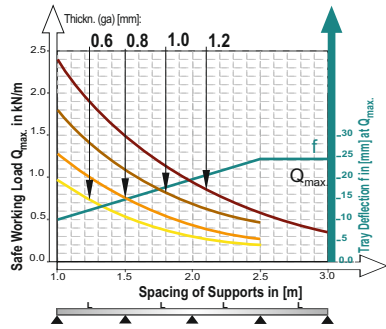
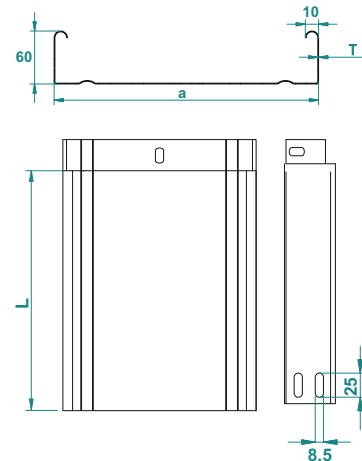
Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

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)

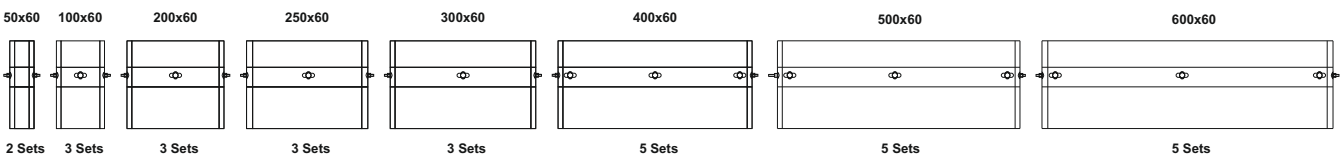
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	29 cm ²
100	58 cm ²
150	88 cm ²
200	118 cm ²
300	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
		2 Sets	2 Sets	2 Sets	-	-	-	-
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



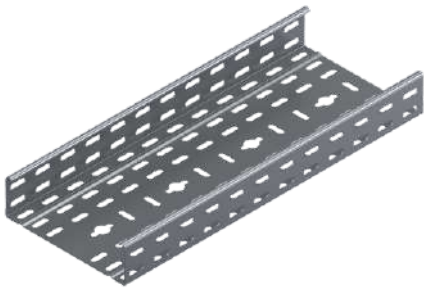
Cable Trays - System of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Perforated Cable Trays - Return Flanges

Перфорирани кабелни скари - връщащи фланци.



Pre - Galvanised

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

APK ... H60		0.6mm			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
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			
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			
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			
CODE	Width a mm	Length L mm	kg 1 mt	pcs	
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			
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



Pre - Galvanised

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

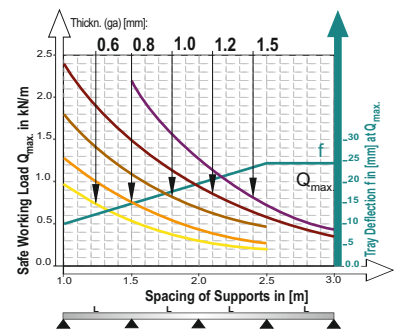
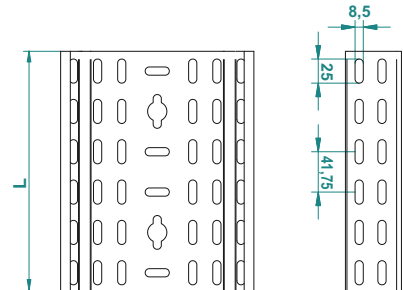
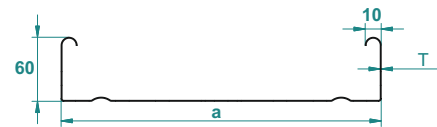
KBE 2 ... H60		1.0mm			
CODE	Length L mm	kg 1 pc	pcs		
KBE 260 10 PG	175	0.1	100		
KBE 2 ... H60		1.2mm			
KBE 260 12 PG	175	0.1	100		

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	

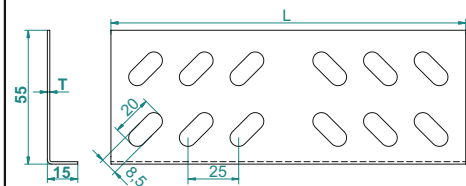
APK H60



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	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		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
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		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
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		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
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		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
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		
CODE	Width a mm	Length L mm	kg 1 mt	pcs
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

Seperator

Разделител



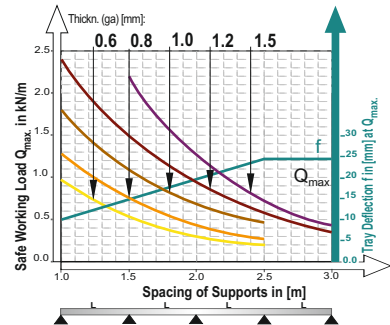
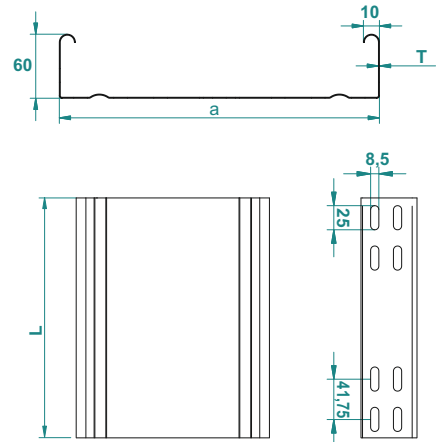
To Install Seperator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

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

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

ADK H60

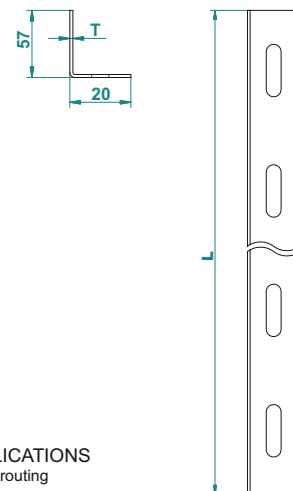


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5



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.



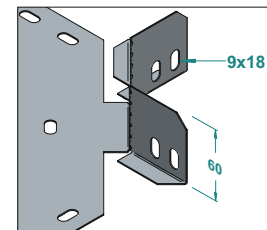
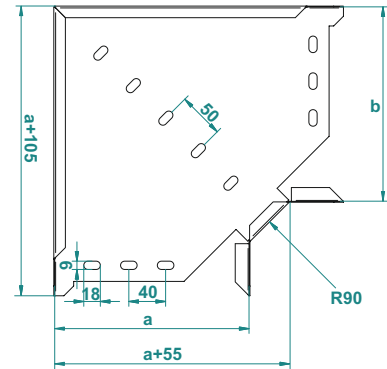
Pre - Galvanised

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.



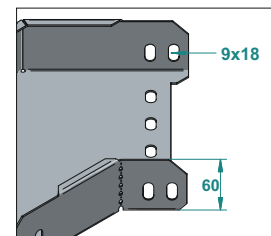
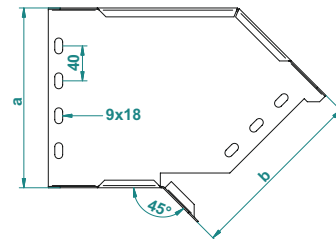
Pre - Galvanised

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



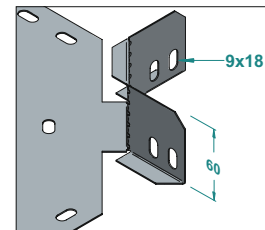
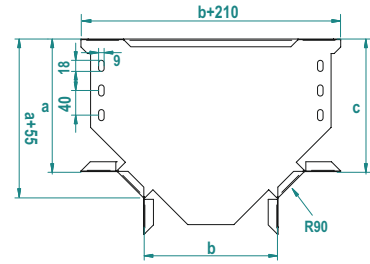
Pre - Galvanised

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



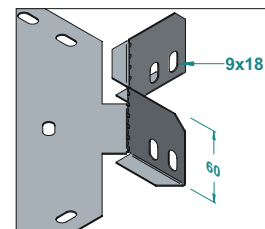
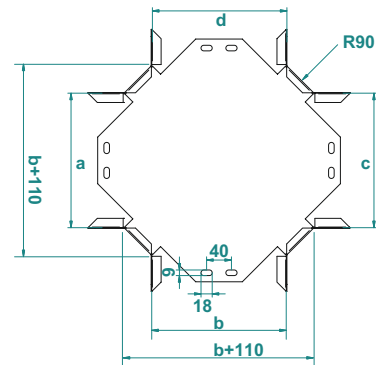
Pre - Galvanised

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

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

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

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

Vertical Inside Bend of Cable Tray (Flexible)

Вертикално вътрешно огъване на кабелна скара (гъвкава)



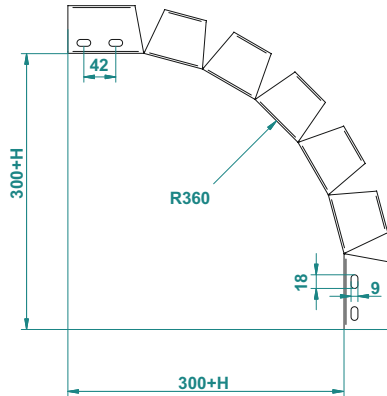
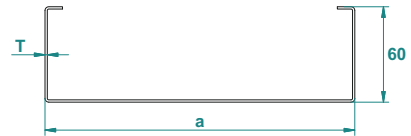
Pre - Galvanised

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

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

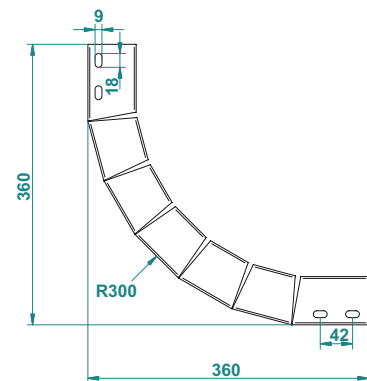
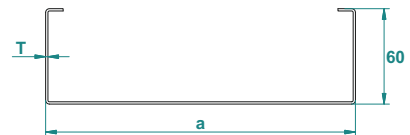
KAIB ... H60		1.2mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KAIB 630 12 PG	300	600	2.06	1
KAIB 640 12 PG	400	600	3.03	1
KAIB 645 12 PG	450	600	3.32	1
KAIB 650 12 PG	500	600	3.60	1
KAIB 660 12 PG	600	600	4.16	1
KAIB ... H60		1.5mm		
KAIB 605 15 PG	50	600	1.09	1
KAIB 607 15 PG	75	600	1.23	1
KAIB 610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



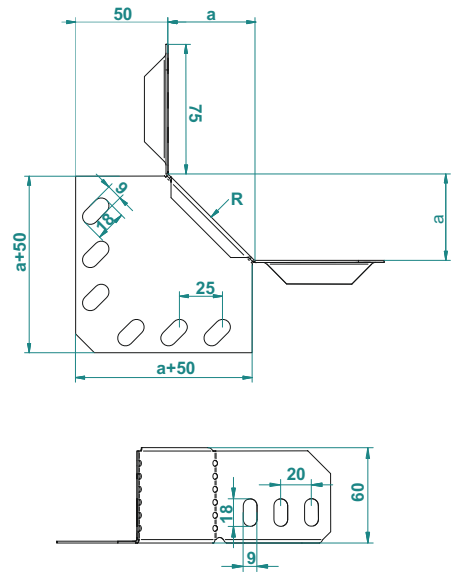
Pre - Galvanised

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

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

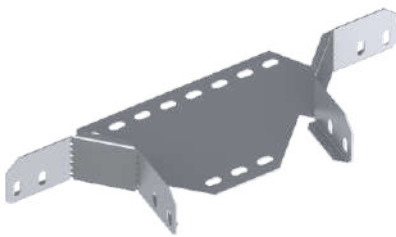
KA90E ... H60		1.5mm		
CODE	a mm	Radius R mm	KG 1 pc	pcs
KA90E 6 15 PG	55	90	0.26	1
KA90ER1 6 15 PG	90	150	0.39	1
KA90ER2 6 15 PG	180	300	0.80	1

KA90E H60



Add on tee horizontal bend

Допълнителна Т-образна хоризонтална чупка



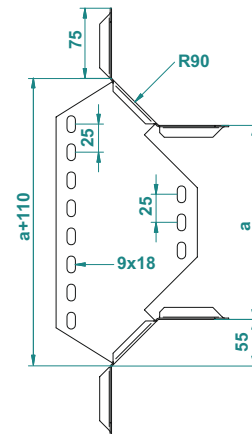
Pre - Galvanised

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

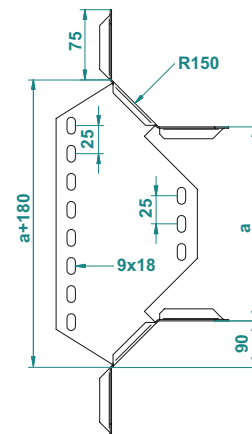
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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

KATE H60



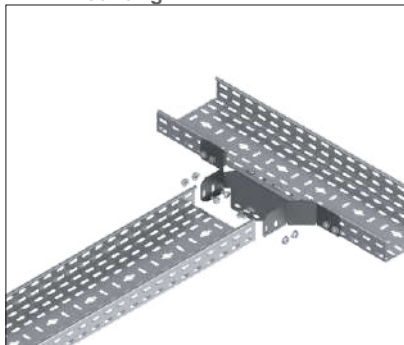
KATER1 H60



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.).

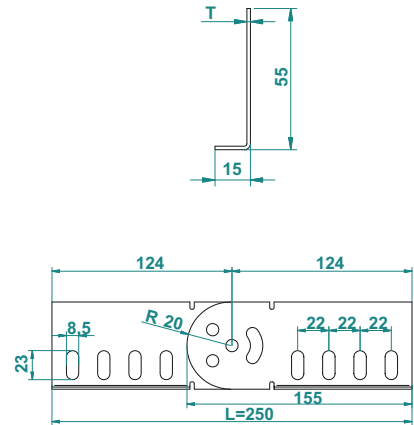


To Install one lenght; use 2 pieces of BDD connector and 10 sets of CFS bolts and nuts. (M6 or M8)

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.

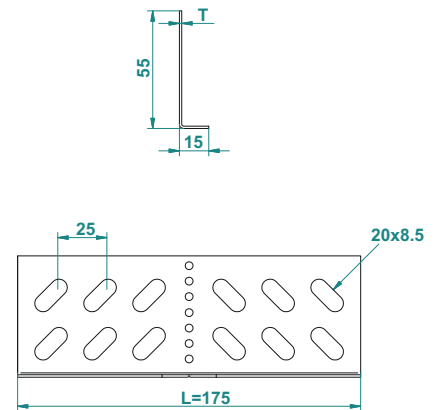


To Install one lenght; use 2 pieces of BYD connector and 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

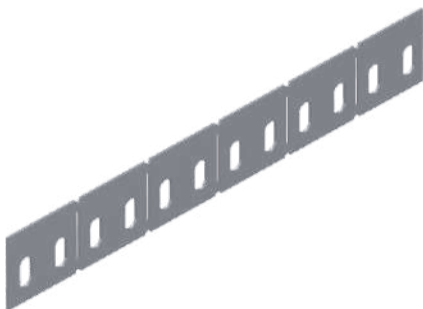
BYD 2 ... H60				BYD 2 ... H60			
1.2mm				1.5mm			
CODE	Length L mm	KG 1 pc	pcs	CODE	Length L mm	KG 1 pc	pcs
BYD 260 12 PG	175	0,1	1	BYD 260 15 PG	175	0.13	1

BYD 2 H60



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг.

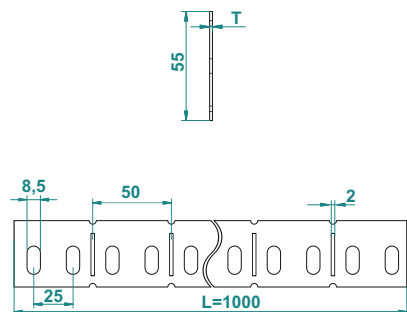


Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

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)

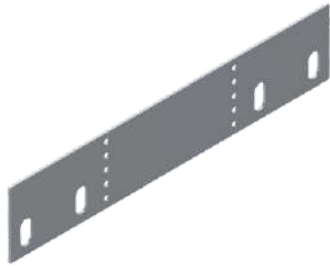
Available finishes:

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.



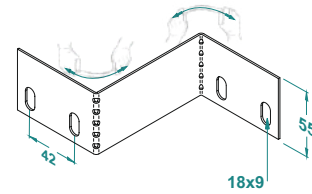
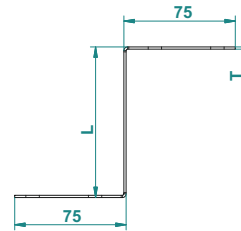
Pre - Galvanised

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

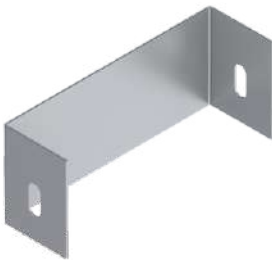
RT ... H60		1.5mm	
CODE	Length L mm	kg 1 pc	pcs
RT 60 325 15 PG	325	0,302	1
RT 60 350 15 PG	350	0,318	1
RT 60 375 15 PG	375	0,334	1
RT 60 400 15 PG	400	0,350	1
RT 60 425 15 PG	425	0,365	1
RT 60 450 15 PG	450	0,382	1
RT 60 475 15 PG	475	0,398	1
RT 60 500 15 PG	500	0,413	1
RT 60 525 15 PG	525	0,429	1
RT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



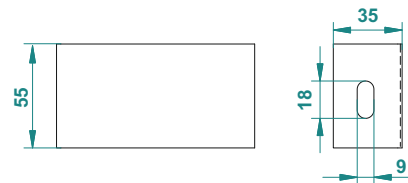
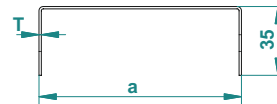
Pre - Galvanised

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

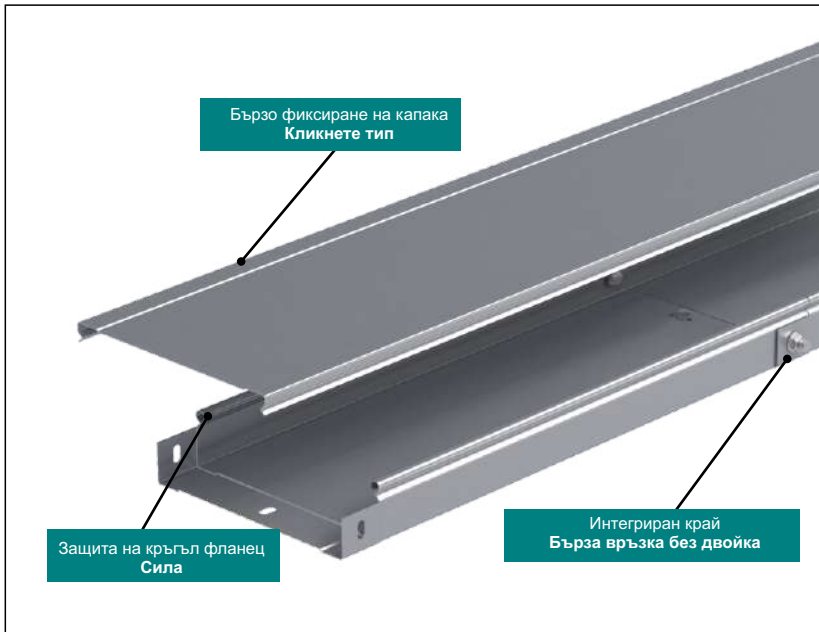


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FPK ... H80		0.6mm		
CODE	Width a mm	Length L mm	Weight 1 pc kg	Quantity 1 pc 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 1 pc 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 = 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

Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



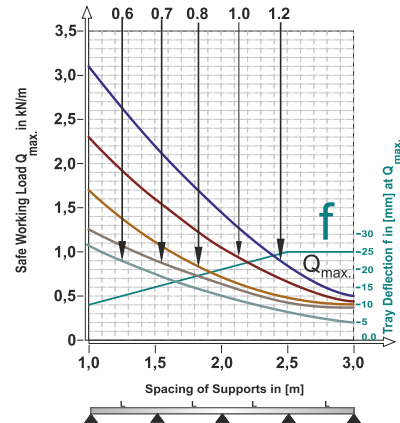
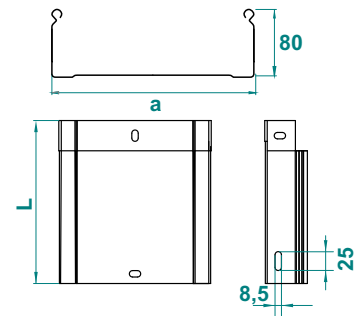
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

Pre - Galvanised

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

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

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)

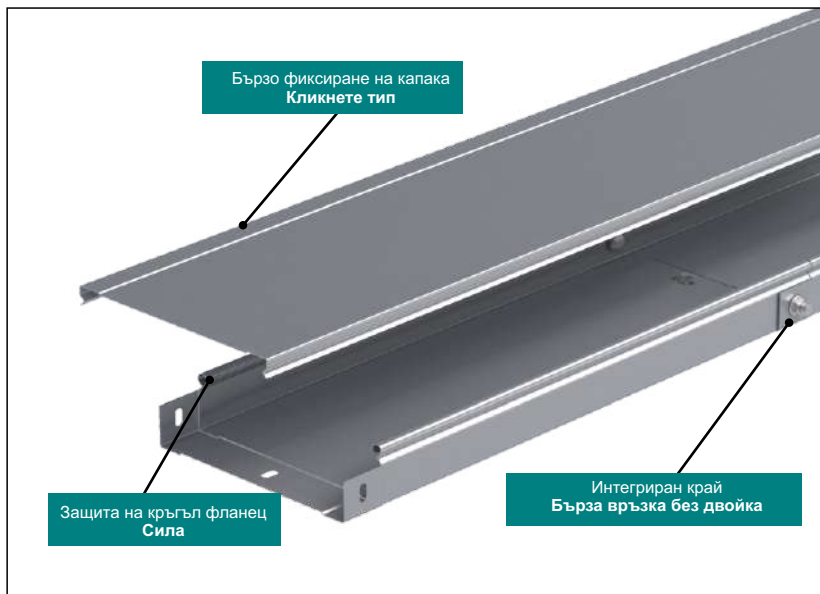
Available finishes:

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

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

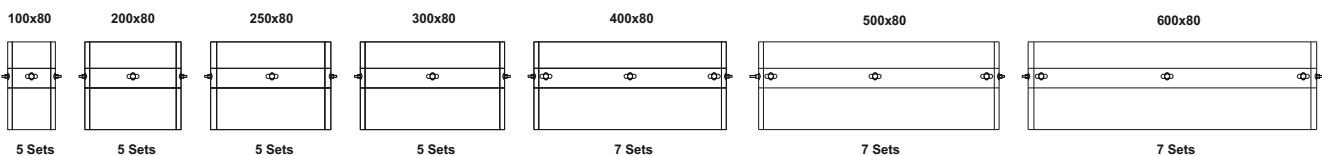
EP- powder coating in a full range of colours (RAL)

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		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 H80



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 ... 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
GPK ... H80		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
GPK ... H80		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	50	80	2 Sets	2 Sets	2 Sets	-	-	-	-
100	100	80	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
150	150	80	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
200	200	80	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
250	250	80	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
300	300	80	3 Sets	3 Sets	3 Sets	5 Sets	5 Sets	5 Sets	5 Sets
400	400	80	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
500	500	80	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets
600	600	80	5 Sets	5 Sets	5 Sets	7 Sets	7 Sets	7 Sets	7 Sets

Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци



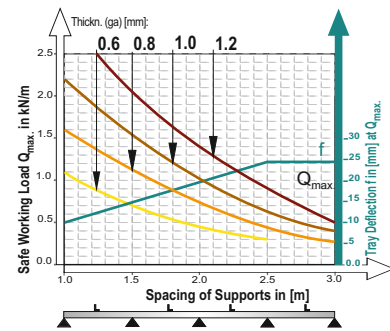
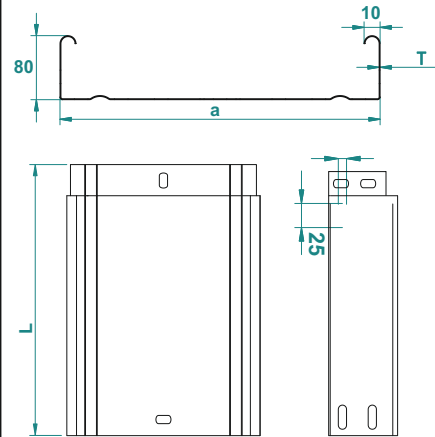
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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



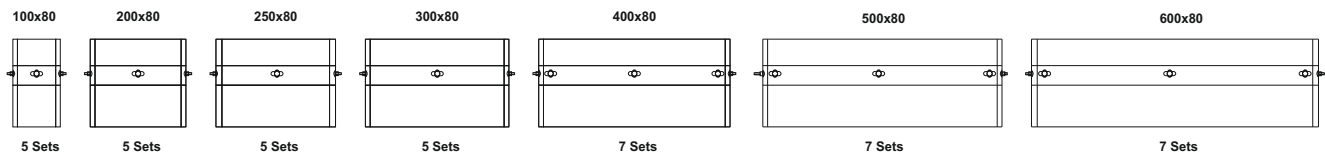
Mounting Example



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



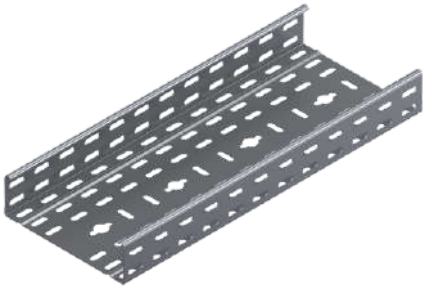
Cable Trays - System of Side Height H80



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					APK ... H80				
0.6mm					1.2mm				
CODE	Width a mm	Length L mm	kg 1mt	pcs	CODE	Width a mm	Length L mm	kg 1mt	pcs
APK 807 06 PG	75	3000	0.96	2	APK 807 12 PG	75	3000	1.90	2
APK 810 06 PG	100	3000	1.05	2	APK 810 12 PG	100	3000	2.08	2
APK 812 06 PG	125	3000	1.14	2	APK 812 12 PG	125	3000	2.27	2
APK 815 06 PG	150	3000	1.24	2	APK 815 12 PG	150	3000	2.46	2
APK 820 06 PG	200	3000	1.43	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

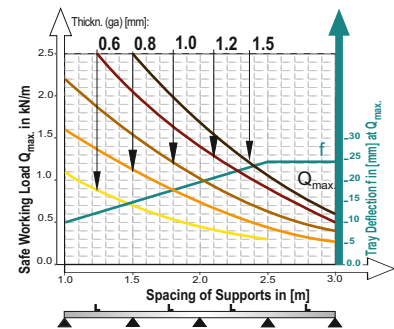
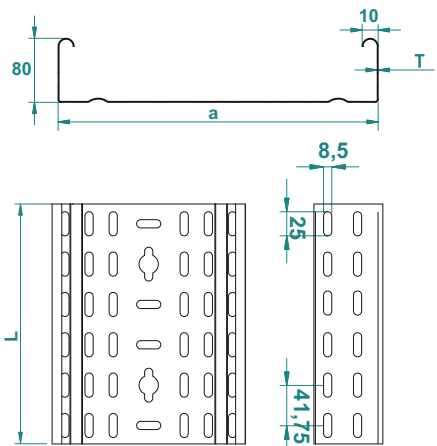
KBE 2 ... H80					KBE 2 ... H80				
1.0mm					1.5mm				
CODE	Length L mm	kg 1 pc	pcs	CODE	Length L mm	kg 1 pc	pcs		
KBE 280 10 PG	175	0.12	100	KBE 280 15 PG	175	0.15	100		

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

Electro - Galvanized

CFS M6					CFS M8				
M6					M8				
CODE	Size mm	Length L mm	kg 1Set	pcs	CODE	Size mm	Length L mm	kg 1Set	pcs
CFS M6 EG	M6	15	0.008	500	CFS M8 EG	M8	15	0.014	500

APK H80

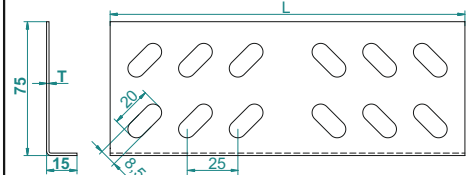


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
 Q = max. admissible load (kg/m)
 L = support distance (m)
 f = Deflection (mm) / Max. deflection = $L/100$
Safely co-efficient = 1.5

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**

Cable Trays - System of Side Height H80



ЕНЕРДЖИ ГРУП ООД

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



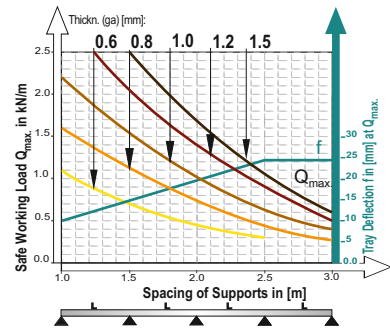
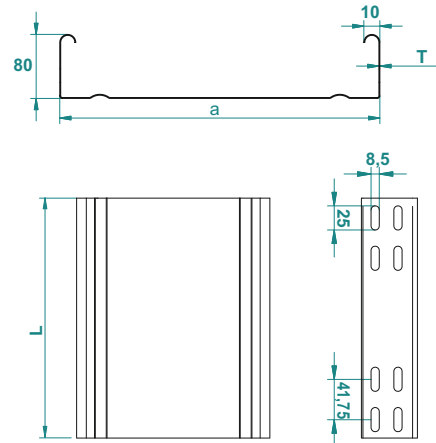
To Install Separator use CFS bolts and nuts. (M6 or M8)

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)

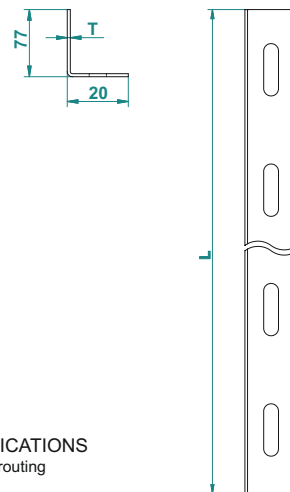
L = support distance (m)

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



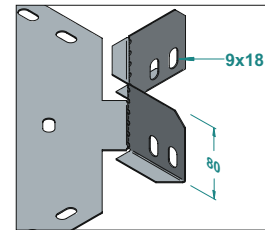
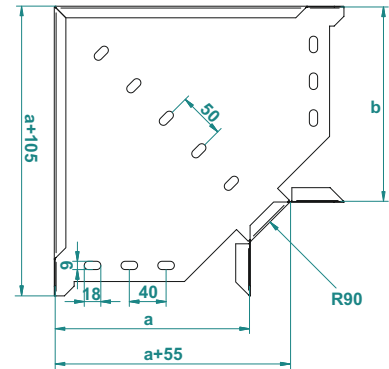
Pre - Galvanised

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
		1.0mm	
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
		1.5mm	
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



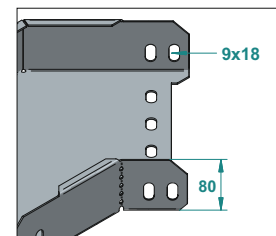
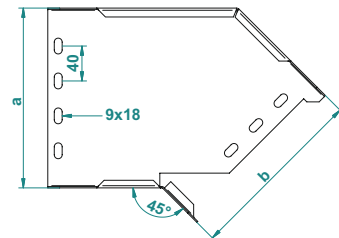
Pre - Galvanised

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
		1.0mm	
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
		1.5mm	
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)

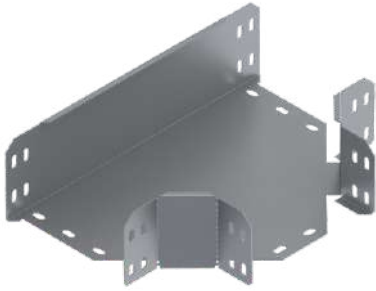
SS- stainless steel AISI 304L and AISI 316L (SS)

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

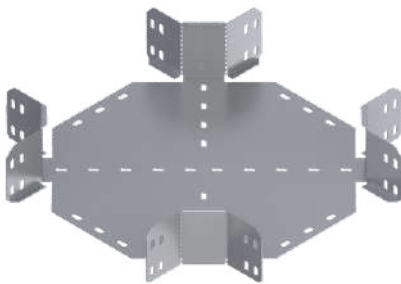
KAT ... H80		0.8mm	
CODE	Width a=b=c mm	kg 1 pc	pcs
KAT 807 08 PG	75	0.40	1
KAT 810 08 PG	100	0.58	1
KAT 812 08 PG	125	0.67	1
KAT 815 08 PG	150	0.76	1
KAT 820 08 PG	200	0.96	1
		1.0mm	
KAT 807 10 PG	75	0.51	1
KAT 810 10 PG	100	0.73	1
KAT 812 10 PG	125	0.84	1
KAT 815 10 PG	150	0.95	1
KAT 820 10 PG	200	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



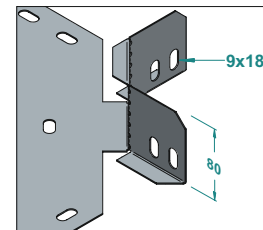
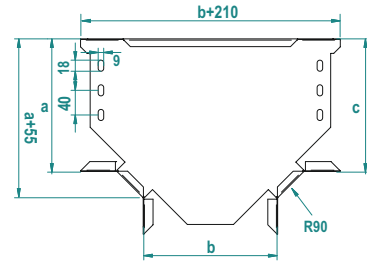
Pre - Galvanised

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

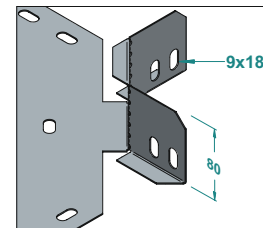
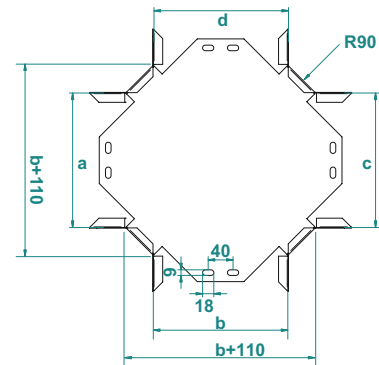
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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

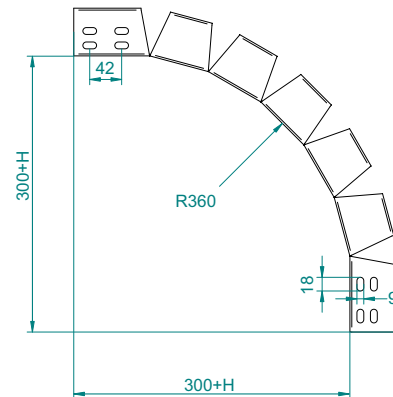
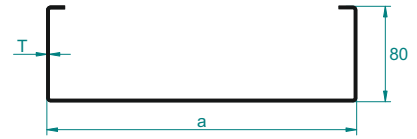
KAIB ... H80		0.8mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KAIB 807 08 PG	75	600	0.59	1
KAIB 810 08 PG	100	600	0.64	1
KAIB 812 08 PG	125	600	0.76	1
KAIB 815 08 PG	150	600	0.96	1
KAIB 820 08 PG	200	600	1.11	1
		1.0mm		
KAIB 807 10 PG	75	600	0.93	1
KAIB 810 10 PG	100	600	1.02	1
KAIB 812 10 PG	125	600	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).

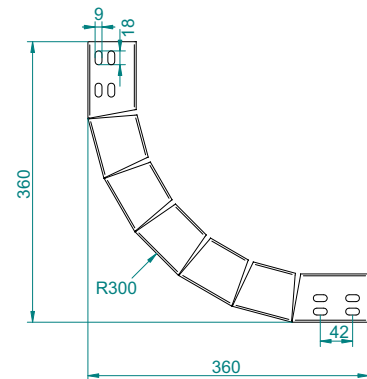
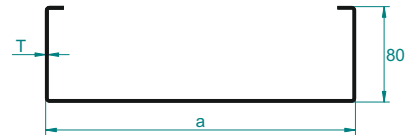
KADB ... H80		1.2mm		
CODE	Width a mm	Length L mm	KG 1 pc	pcs
KAIB 830 12 PG	300	600	2.11	1
KAIB 840 12 PG	400	600	3.05	1
KAIB 845 12 PG	450	600	3.32	1
KAIB 850 12 PG	500	600	3.59	1
KAIB 860 12 PG	600	600	4.12	1
		1.5mm		
KAIB 807 15 PG	75	600	1.38	1
KAIB 810 15 PG	100	600	1.52	1
KAIB 812 15 PG	125	600	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

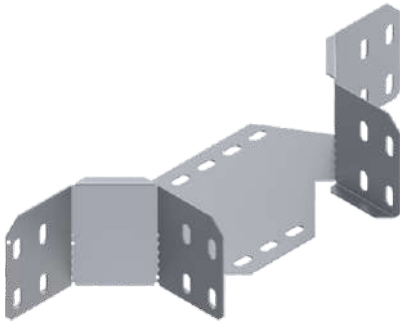
KA90E ... H80		0.8mm		
CODE	a mm	Radius R mm	KG 1 pc	pcs
KA90E 8 08 PG	55	90	0.14	1
KA90ER1 8 08 PG	90	150	0.21	1
KA90ER2 8 08 PG	180	300	0.43	1
		1.0mm		
KA90E 8 10 PG	55	90	0.18	1
KA90ER1 8 10 PG	90	150	0.27	1
KA90ER2 8 10 PG	180	300	0.54	1

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.



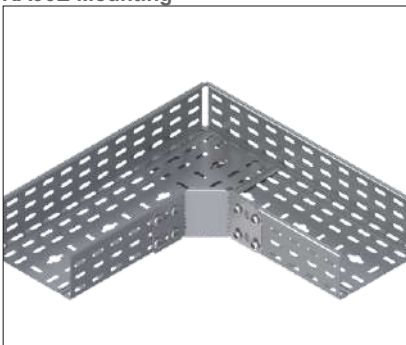
Pre - Galvanised

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

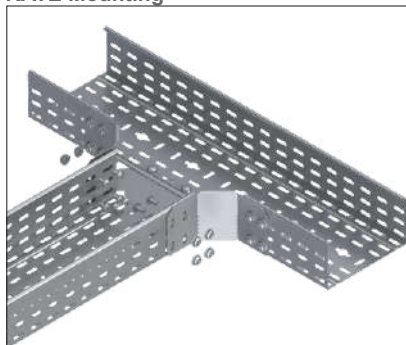
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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

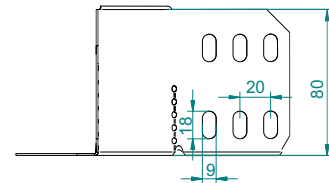
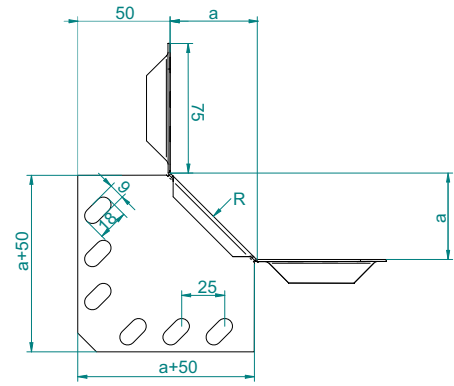
KA90E Mounting



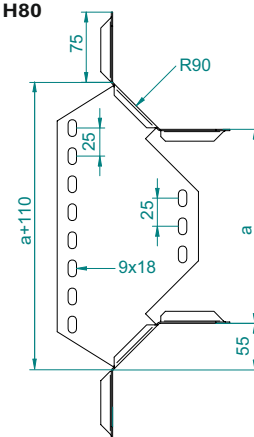
KATE Mounting



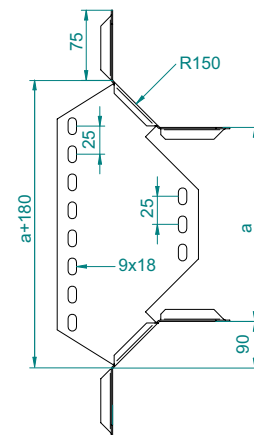
KA90E H80



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

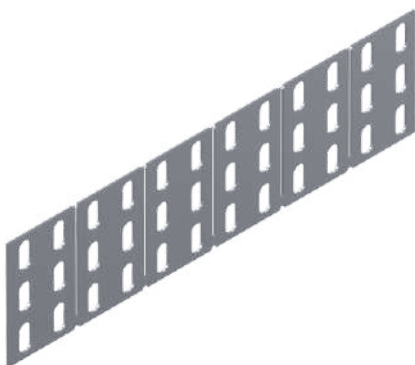
BYD 2 ... H80		1.2mm	
CODE	Length L mm	KG 1 pc	pcs
BYD 280 12 PG	175	0,12	1

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



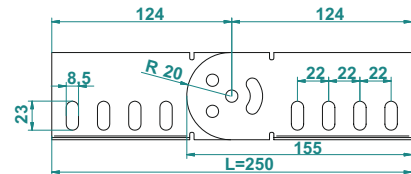
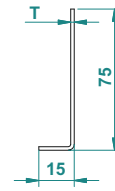
Pre - Galvanised

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

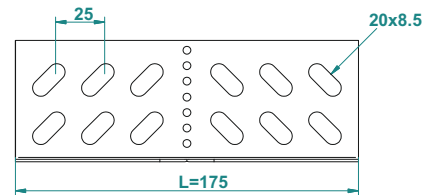
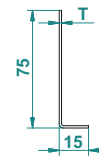
Important!
To install cable tray - connector use Screw Sets CFS M6 or CFS M8

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

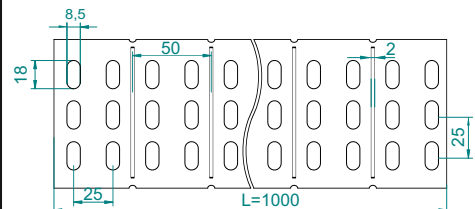
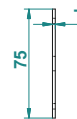
BDD 2 H80



BYD 2 H80



BYDU 1 H60



APPLICATIONS

Cable routing

MATERIAL

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

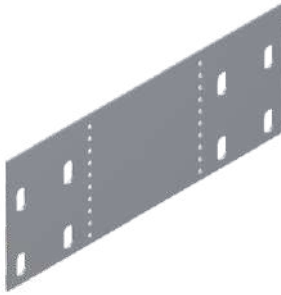
Available finishes:

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

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

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 80 325 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



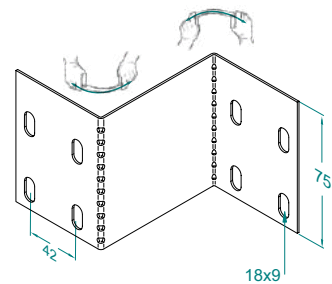
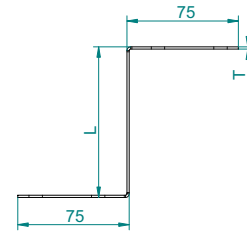
Pre - Galvanised

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

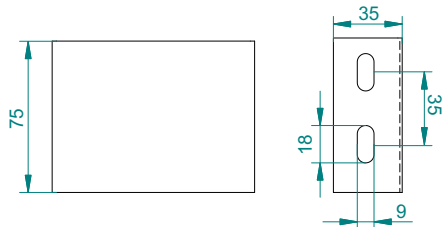
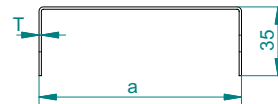
Important!
To install cable tray - stop end use Screw Sets
CFS M6 or CFS M8

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

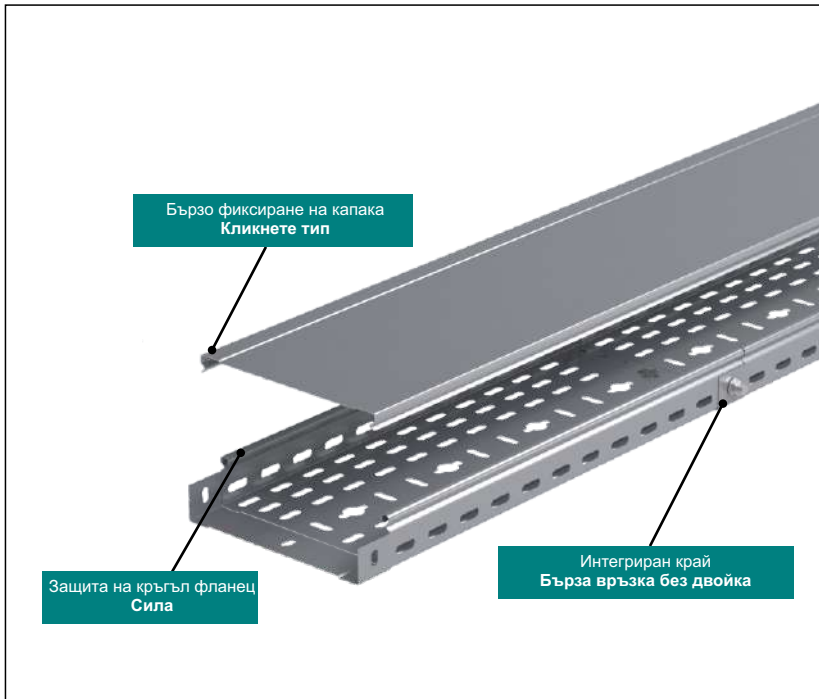


Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

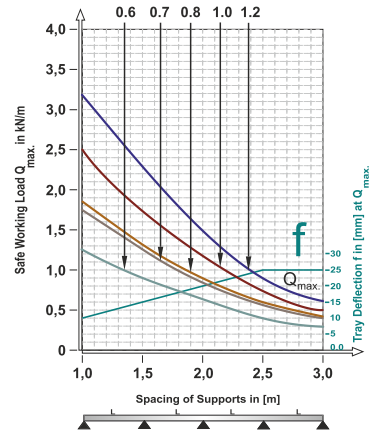
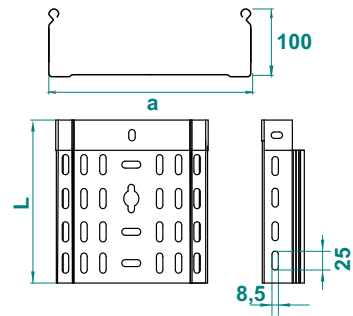
Pre - Galvanised

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

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

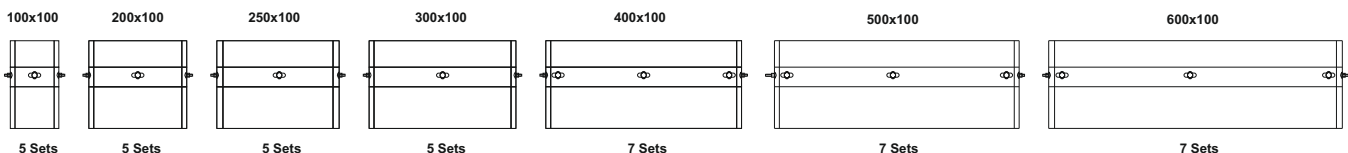
EP- powder coating in a full range of colours (RAL)

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



Integrated Non-Perforated Cable Trays - Return Flanges

Вградени неперфорирани кабелни скари - Възвратни фланци.



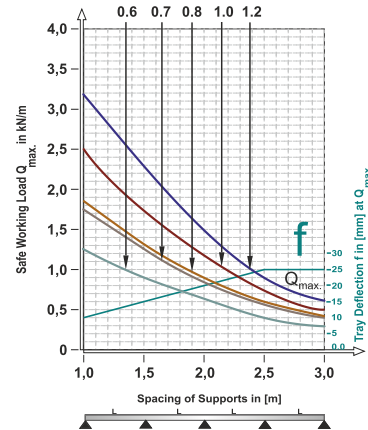
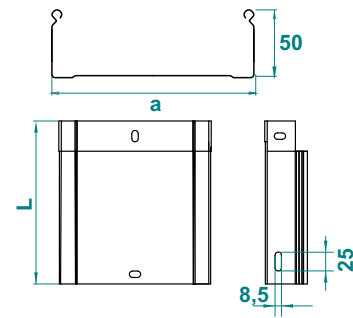
Important!
Joining cable tray sections together only use
Screw Sets CFS M6 or CFS M8

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

Safely 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

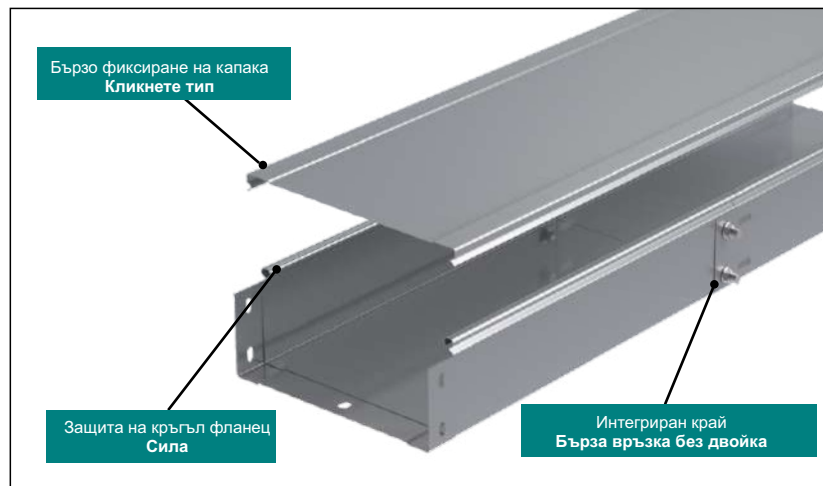
Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

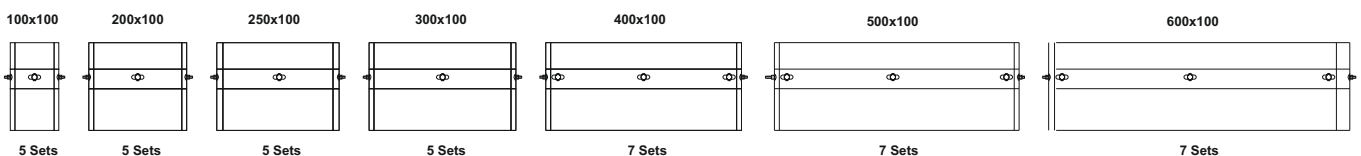
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

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

Recommended Quantities of Bolt and Nut For Integrated Cable Tray Connections							
Width Of Cable Tray	W	H	H				
			40	50	60	75	80
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 ... 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)

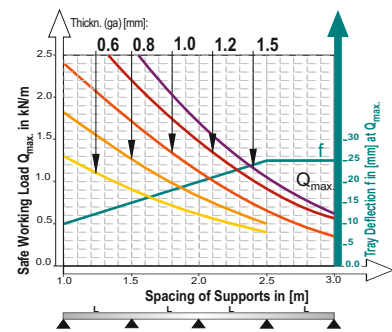
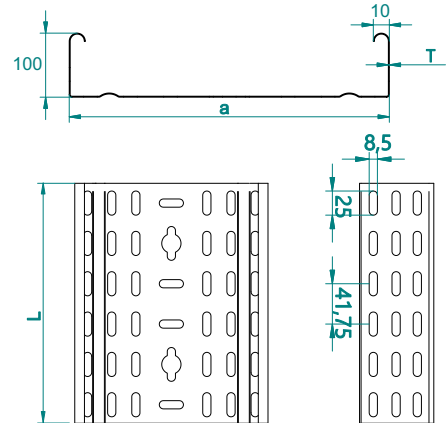
KBE 2 ... H100		1.5mm	
CODE	Length L mm	Weight Kg 1 pc	pcs
KBE 210 15 PG	175	0.18	100

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

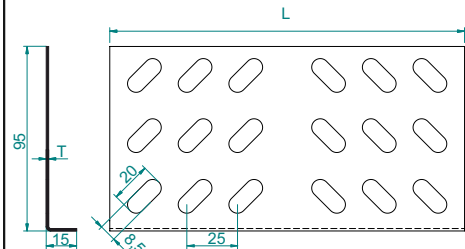


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

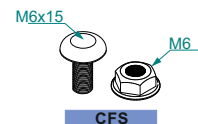


Width	Usable Cross-Section
100	98 cm ²
150	148 cm ²
200	198 cm ²
300	298 cm ²
400	398 cm ²
500	498 cm ²
600	598 cm ²

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
		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
		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
		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



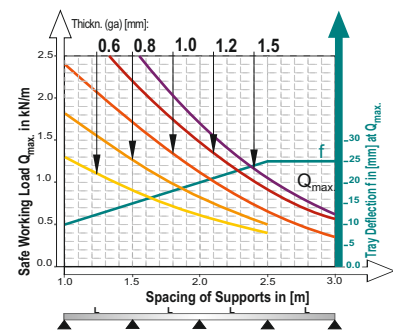
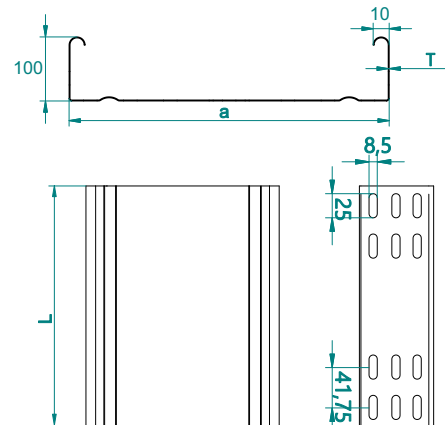
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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

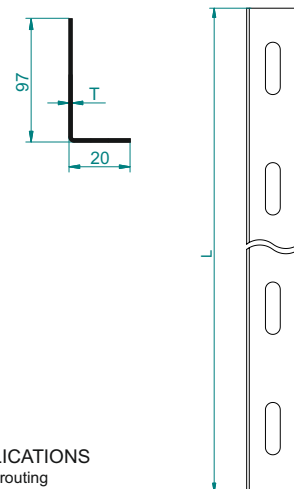


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

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.



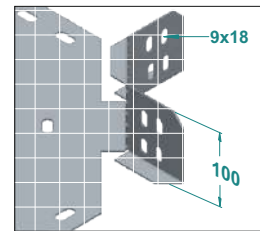
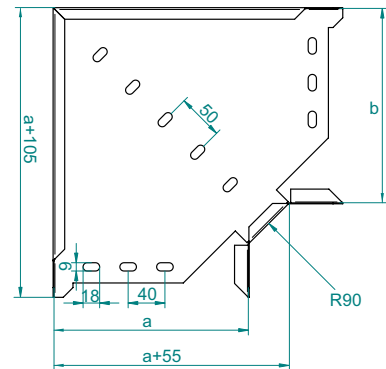
Pre - Galvanized

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

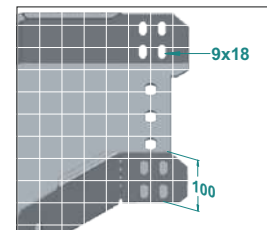
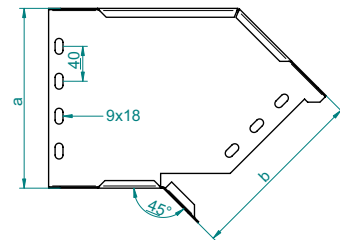
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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:

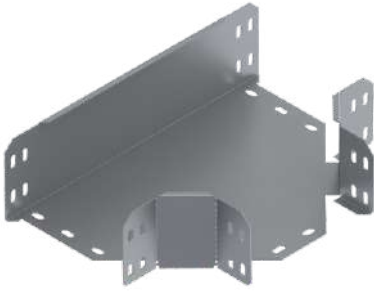
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

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!

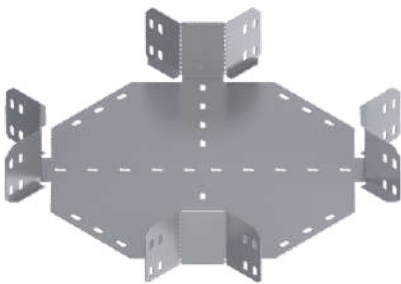
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

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
KAT ... H100		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
KAT ... H100		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

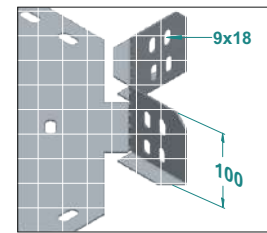
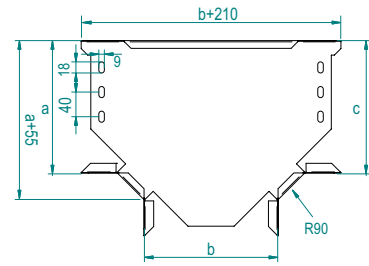
Important!

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

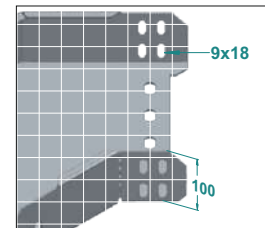
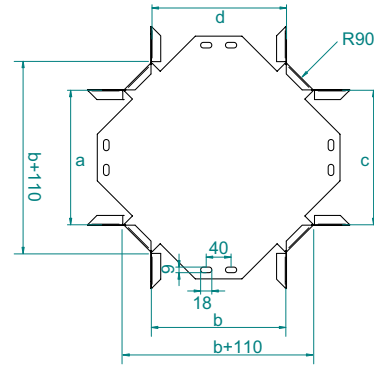
KAD ... H100		0.8mm	
CODE	Width a=b=c=d mm	kg 1pc	pcs
KAD 110 08 PG	100	0.93	1
KAD 112 08 PG	125	1.04	1
KAD 115 08 PG	150	1.15	1
KAD 120 08 PG	200	1.52	1
KAD ... H100		1.0mm	
KAD 110 10 PG	100	1.17	1
KAD 112 10 PG	125	1.30	1
KAD 115 10 PG	150	1.44	1
KAD 120 10 PG	200	1.75	1
KAD 122 10 PG	225	1.91	1
KAD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

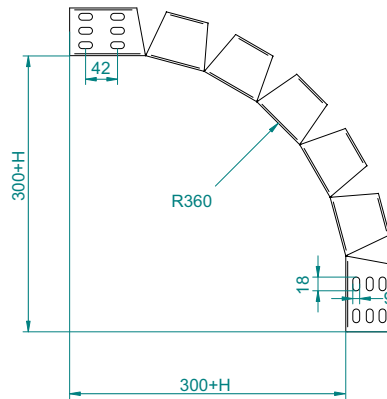
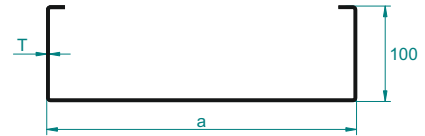
KADB ... H100		0.8mm		
CODE	Width a mm	Length L mm	kg 1m	pcs
KADB 110 08 PG	100	600	0.93	1
KADB 112 08 PG	125	600	1.00	1
KADB 115 08 PG	150	600	1.08	1
KADB 120 08 PG	200	600	1.23	1
KADB ... H100		1.0mm		
KADB 110 10 PG	100	600	1.17	1
KADB 112 10 PG	125	600	1.26	1
KADB 115 10 PG	150	600	1.35	1
KADB 120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

Important!

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

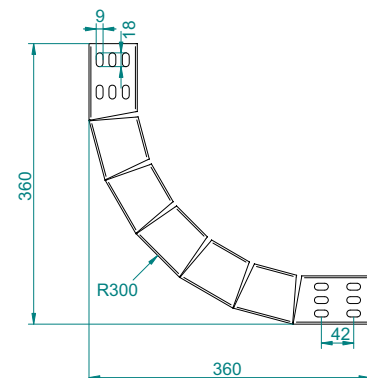
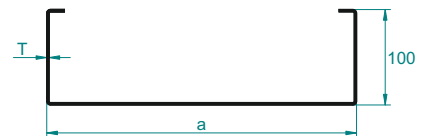
KADB ... H100		1.2mm		
CODE	Width a mm	Length L mm	kg 1m	pcs
KADB 130 12 PG	300	600	2.28	1
KADB 140 12 PG	400	600	3.27	1
KADB 145 12 PG	450	600	3.53	1
KADB 150 12 PG	500	600	3.80	1
KADB 160 12 PG	600	600	4.33	1
KADB ... H100		1.5mm		
KADB 110 15 PG	100	600	1.74	1
KADB 112 15 PG	125	600	1.88	1
KADB 115 15 PG	150	600	2.01	1
KADB 120 15 PG	200	600	2.29	1
KADB 122 15 PG	225	600	2.43	1
KADB 125 15 PG	250	600	2.57	1
KADB 130 15 PG	300	600	2.84	1
KADB 140 15 PG	400	600	4.07	1
KADB 145 15 PG	450	600	4.40	1
KADB 150 15 PG	500	600	4.73	1
KADB 160 15 PG	600	600	5.39	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		
CODE	Width a mm	Length L mm	kg 1m	pcs
KAIB 110 08 PG	100	600	0.93	1
KAIB 112 08 PG	125	600	1.00	1
KAIB 115 08 PG	150	600	1.08	1
KAIB 120 08 PG	200	600	1.23	1
KAIB ... H100		1.0mm		
KAIB 110 10 PG	100	600	1.17	1
KAIB 112 10 PG	125	600	1.26	1
KAIB 115 10 PG	150	600	1.35	1
KAIB 120 10 PG	200	600	1.54	1
KAIB 122 10 PG	225	600	1.63	1
KAIB 125 10 PG	250	600	1.72	1
KAIB 130 10 PG	300	600	1.82	1
KAIB 140 10 PG	400	600	2.62	1

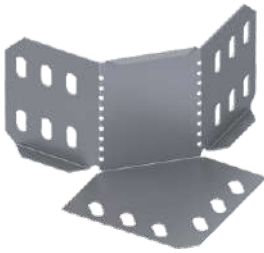
Important!

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

Add on 90° Horizontal Corner Bend

Добавяне - 90° Хоризонтално ъглово огъване на кабелна скарата



Pre - Galvanized

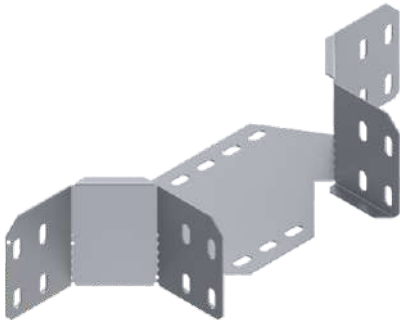
KA90E ... H100		0.8mm		
CODE	a mm	Radius R mm	kg 1pc	pcs
KA90E 1 08 PG	55	90	0.16	1
KA90ER1 08 10 PG	90	150	0.24	1
KA90ER2 08 10 PG	180	300	0.47	1
		1.0mm		
KA90E 1 10 PG	55	90	0.20	1
KA90ER1 10 10 PG	90	150	0.30	1
KA90ER2 10 10 PG	180	300	0.59	1

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



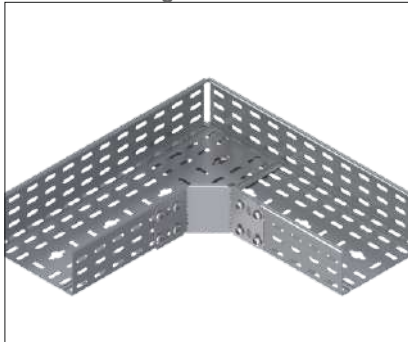
Pre - Galvanized

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

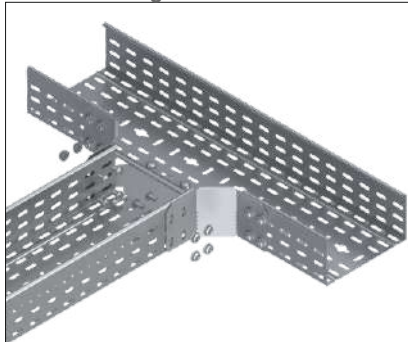
Important!
To install cable tray - bend use Screw Sets
CFS M6 or CFS M8

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

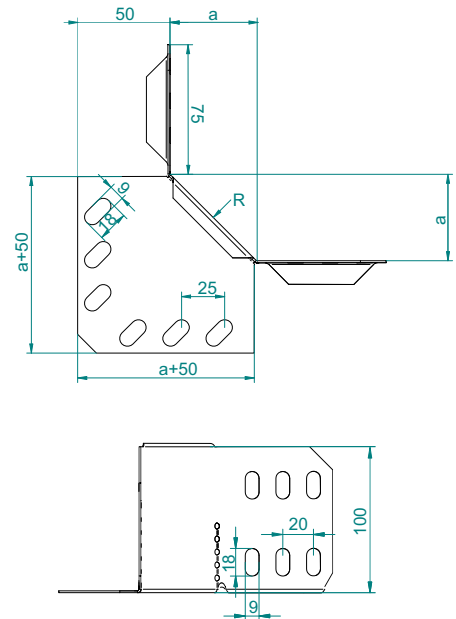
KA90E Mounting



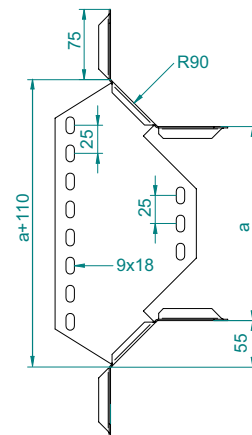
KATE Mounting



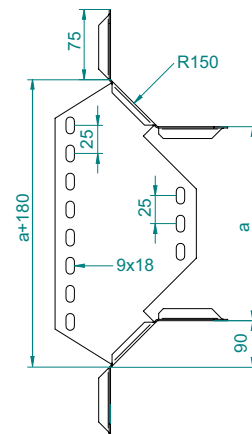
KA90E H100



KATE



KATER1



APPLICATIONS

Cable routing

MATERIAL

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

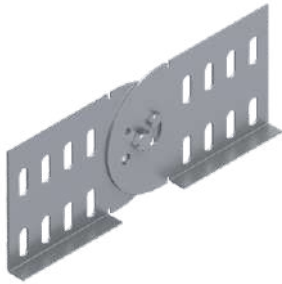
Available finishes:

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.)

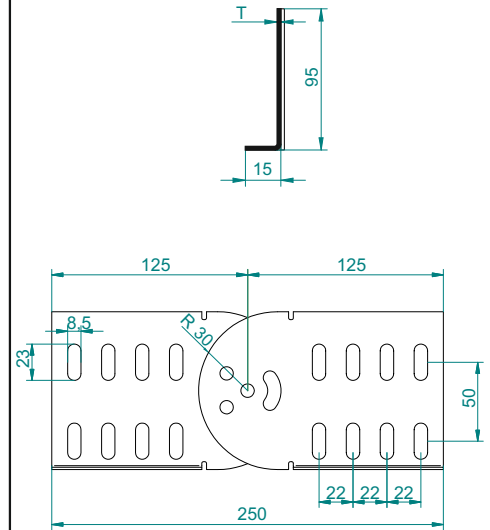


Pre - Galvanized

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

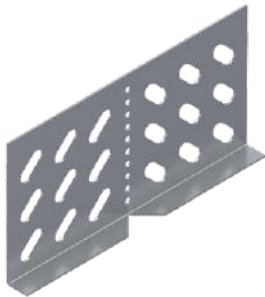
BDD 2 ... H100				BDD 2 ... H100			
1.2mm				1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
BDD 210 12 PG	250	0.26	1	BDD 210 15 PG	250	0.33	1

BDD 2 H100



Adjustable Horizontal Connector

Регулируем хоризонтален конектор

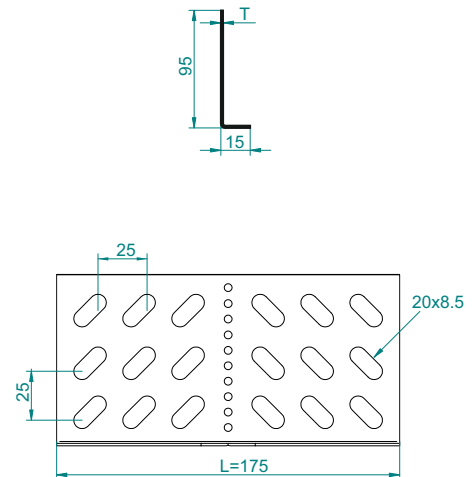


Pre - Galvanized

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

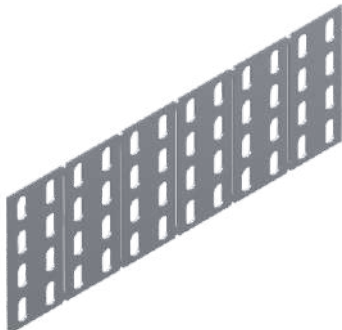
BYD 2 ... H100				BYD 2 ... H100			
1.2mm				1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
BYD 210 12 PG	175	0.14	1	BYD 210 15 PG	175	0.18	1

BYD 2 H100



Adjustable horizontal connector - Long Type

Регулируем хоризонтален конектор - тип дълъг

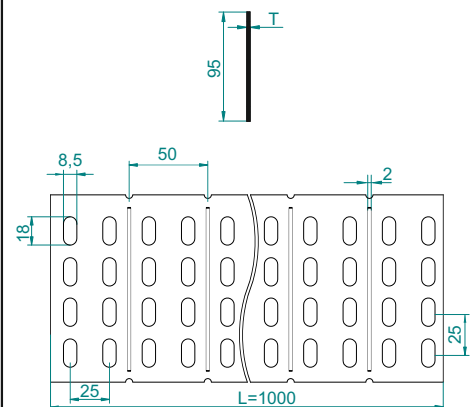


Pre - Galvanized

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)

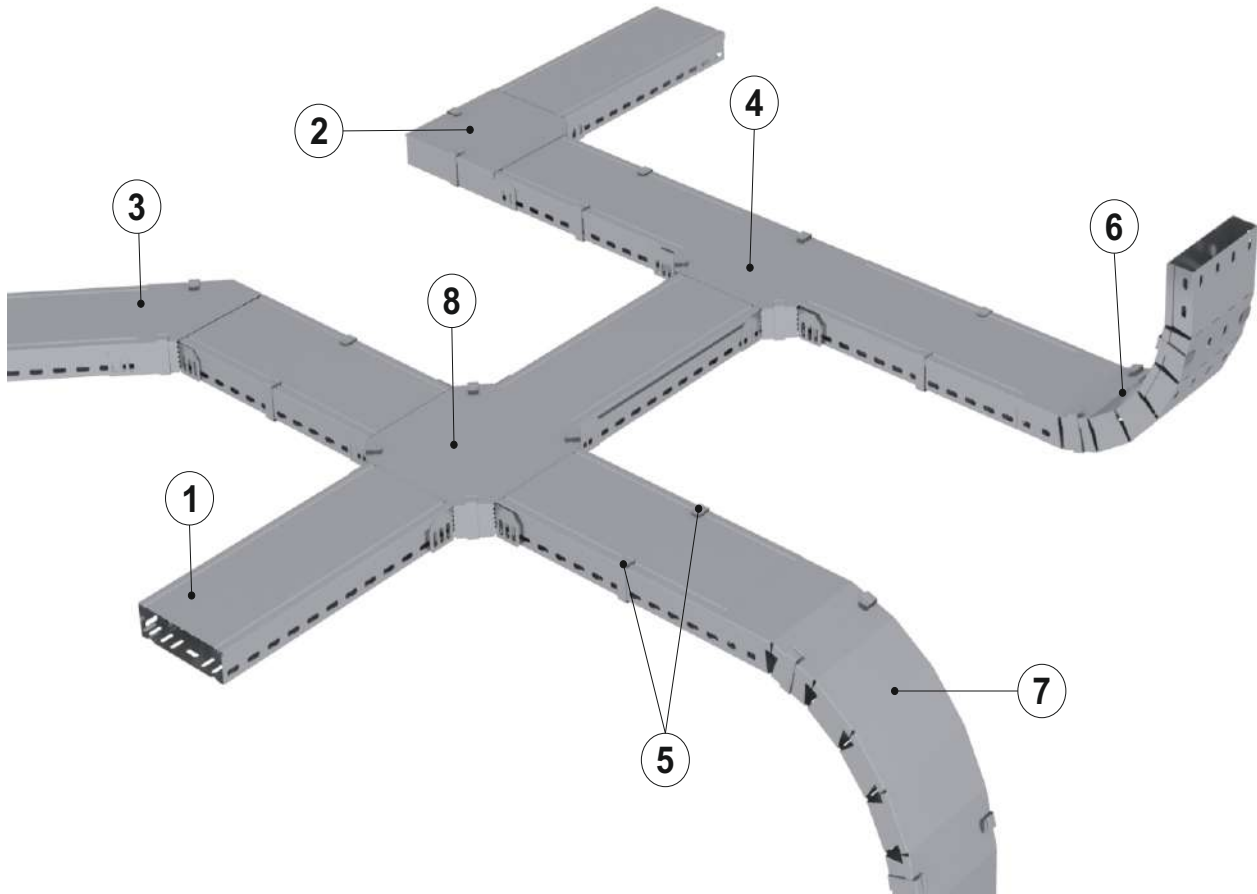
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 | 0.8 | 1.0 | 1.2 | 1.5

Covers of Cable Trays and Accessories

Капази на кабелни скари и аксесоари

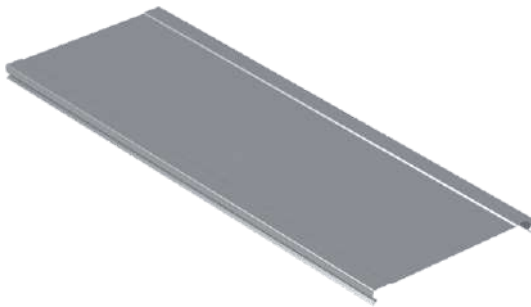


Аксесоари

<p>Cover of Cable Tray Капак на кабелна скарата</p>  <p>1</p> <p>FKK / KK</p>	<p>90° Hor. bend cover Капак на 90° Хоризонтална ъглова чупка на кабелна скара</p>  <p>2</p> <p>KK90</p>	<p>45° Hor. bend cover Капак на 45° Хоризонтална ъглова чупка на кабелна скара</p>  <p>3</p> <p>KK45</p>	<p>Tee bend cover Капак на Т-образна хоризонтална ъглова чупка на кабелна скарата</p>  <p>4</p> <p>KKT</p>
<p>Cover clamp Скоба за капак</p>  <p>5</p> <p>KT/1</p>	<p>Ver. inside bend cover Капак на вертикално вътрешно огъване на кабелна скара (гъвкав)</p>  <p>6</p> <p>KKIB</p>	<p>Ver. outside bend cover Капак на вертикално външно огъване на кабелна скара (гъвкав)</p>  <p>7</p> <p>KKDB</p>	<p>Cross bend cover Капак на кръстосано огъване</p>  <p>8</p> <p>KKD</p>

Cover of Cable Tray

Капак на кабелна скара



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

Pre - Galvanised

FKK ...		0.6mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FKK 05 06 PG	50	3000	0.38	2	
FKK 07 06 PG	75	3000	0.50	2	
FKK 10 06 PG	100	3000	0.62	2	
FKK 12 06 PG	125	3000	0.74	2	
FKK 15 06 PG	150	3000	0.85	2	
FKK 20 06 PG	200	3000	1.09	2	
		0.7mm			
FKK 05 07 PG	50	3000	0.44	2	
FKK 07 07 PG	75	3000	0.58	2	
FKK 10 07 PG	100	3000	0.72	2	
FKK 12 07 PG	125	3000	0.86	2	
FKK 15 07 PG	150	3000	0.99	2	
FKK 20 07 PG	200	3000	1.27	2	
		0.8mm			
FKK 05 08 PG	50	3000	0.51	2	
FKK 07 08 PG	75	3000	0.66	2	
FKK 10 08 PG	100	3000	0.82	2	
FKK 12 08 PG	125	3000	0.98	2	
FKK 15 08 PG	150	3000	1.14	2	
FKK 20 08 PG	200	3000	1.45	2	
FKK 22 08 PG	225	3000	1.61	2	
FKK 25 08 PG	250	3000	1.76	2	
FKK 30 08 PG	300	3000	2.08	2	

FKK		1.0mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FKK 05 10 PG	50	3000	0.63	2	
FKK 07 10 PG	75	3000	0.83	2	
FKK 10 10 PG	100	3000	1.03	2	
FKK 12 10 PG	125	3000	1.22	2	
FKK 15 10 PG	150	3000	1.42	2	
FKK 20 10 PG	200	3000	1.81	2	
FKK 22 10 PG	225	3000	2.01	2	
FKK 25 10 PG	250	3000	2.20	2	
FKK 30 10 PG	300	3000	2.60	2	
FKK 40 10 PG	400	3000	3.38	2	
FKK 45 10 PG	450	3000	3.60	2	
FKK 50 10 PG	500	3000	4.00	2	
FKK 60 10 PG	600	3000	4.75	2	
		1.2mm			
FKK 05 12 PG	50	3000	0.76	2	
FKK 07 12 PG	75	3000	0.99	2	
FKK 10 12 PG	100	3000	1.23	2	
FKK 12 12 PG	125	3000	1.47	2	
FKK 15 12 PG	150	3000	1.70	2	
FKK 20 12 PG	200	3000	2.17	2	
FKK 22 12 PG	225	3000	2.41	2	
FKK 25 12 PG	250	3000	2.64	2	
FKK 30 12 PG	300	3000	3.11	2	
FKK 40 12 PG	400	3000	4.06	2	
FKK 45 12 PG	450	3000	4.53	2	
FKK 50 12 PG	500	3000	5.00	2	
FKK 60 12 PG	600	3000	5.94	2	

		0.5mm			
CODE	Width a mm	Length L mm	kg 1 pc	pcs	
FKK 05 05 PG	50	3000	0.31	2	
FKK 10 05 PG	100	3000	0.51	2	

FKK

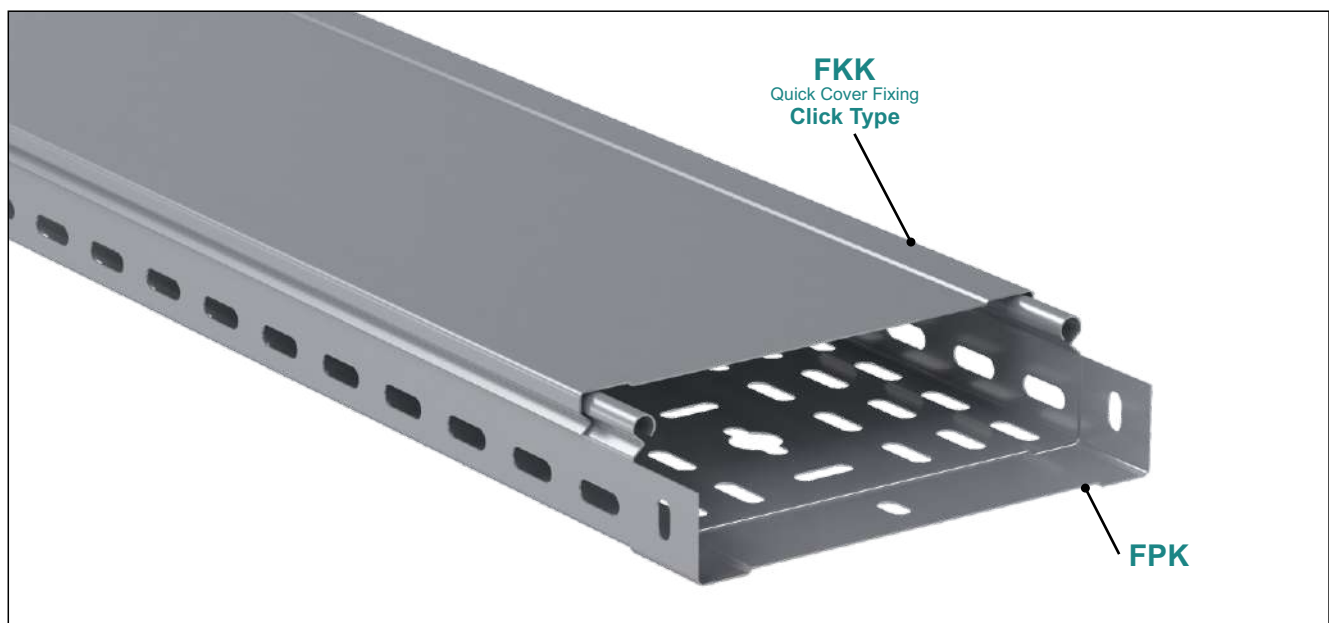
APPLICATIONS
Cable routing

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)

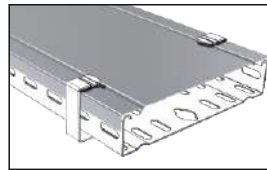
Thickn. (ga) [mm]: **0.6 | 0.8 | 1.0 | 1.2**

Mounting Example



Cover of Cable Tray / Ladder

Капак на кабелна скара / стълба



Important!

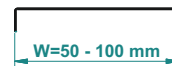
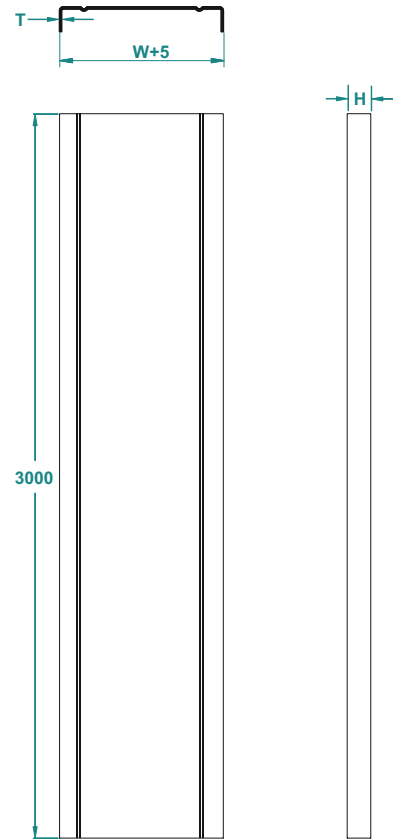
For fixing cable tray cover sections use 4 pcs of KT/1 cover clamps for 1 lenght

Pre - Galvanised

KK ...	0.6mm			
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
KK 05 06 PG	50	3000	0.38	2
KK 07 06 PG	75	3000	0.50	2
KK 10 06 PG	100	3000	0.62	2
KK 12 06 PG	125	3000	0.74	2
KK 15 06 PG	150	3000	0.85	2
KK 20 06 PG	200	3000	1.09	2
KK ...	0.8mm			
KK 05 08 PG	50	3000	0.51	2
KK 07 08 PG	75	3000	0.66	2
KK 10 08 PG	100	3000	0.82	2
KK 12 08 PG	125	3000	0.98	2
KK 15 08 PG	150	3000	1.14	2
KK 20 08 PG	200	3000	1.45	2
KK 22 08 PG	225	3000	1.61	2
KK 25 08 PG	250	3000	1.76	2
KK 30 08 PG	300	3000	2.08	2
KK ...	1.0mm			
KK 05 10 PG	50	3000	0.63	2
KK 07 10 PG	75	3000	0.83	2
KK 10 10 PG	100	3000	1.03	2
KK 12 10 PG	125	3000	1.22	2
KK 15 10 PG	150	3000	1.42	2
KK 20 10 PG	200	3000	1.81	2
KK 22 10 PG	225	3000	2.01	2
KK 25 10 PG	250	3000	2.20	2
KK 30 10 PG	300	3000	2.60	2
KK 40 10 PG	400	3000	3.38	2

KK ...	1.2mm			
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
KK 05 12 PG	50	3000	0.76	2
KK 07 12 PG	75	3000	0.99	2
KK 10 12 PG	100	3000	1.23	2
KK 12 12 PG	125	3000	1.47	2
KK 15 12 PG	150	3000	1.70	2
KK 20 12 PG	200	3000	2.17	2
KK 22 12 PG	225	3000	2.41	2
KK 25 12 PG	250	3000	2.64	2
KK 30 12 PG	300	3000	3.11	2
KK 40 12 PG	400	3000	4.06	2
KK 45 12 PG	450	3000	4.53	2
KK 50 12 PG	500	3000	5.00	2
KK 60 12 PG	600	3000	5.94	2
KK ...	1.5mm			
KK 05 15 PG	50	3000	0.95	2
KK 07 15 PG	75	3000	1.24	2
KK 10 15 PG	100	3000	1.54	2
KK 12 15 PG	125	3000	1.83	2
KK 15 15 PG	150	3000	2.12	2
KK 20 15 PG	200	3000	2.71	2
KK 22 15 PG	225	3000	3.01	2
KK 25 15 PG	250	3000	3.30	2
KK 30 15 PG	300	3000	3.89	2
KK 40 15 PG	400	3000	5.07	2
KK 45 15 PG	450	3000	5.66	2
KK 50 15 PG	500	3000	6.25	2
KK 60 15 PG	600	3000	7.42	2

KK



Standard



Reinforced

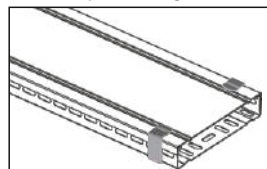
Cover Clamp

Скоба за капак - Тип КТ/1

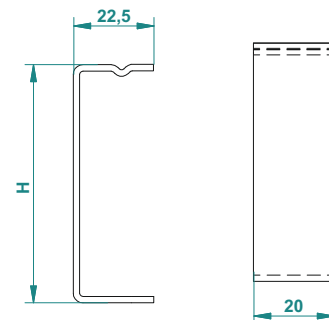


Important!

Use 4 pcs of KT/1 cover clamps for 1 lenght



KT/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]:

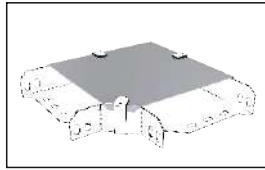
0.6 **0.8** **1.0** **1.2** **1.5**

Pre - Galvanised

KT/1 ...	1.2mm		
CODE	H mm	Kg 1 pc	pcs
KT/1 40 PG	40	0.031	100
KT/1 50 PG	50	0.034	100
KT/1 60 PG	60	0.037	100
KT/1 80 PG	80	0.034	100
KT/1 100 PG	100	0.037	100

Cover of 90° Horizontal Bend of Cable Tray

Капак на 90° Хоризонтална ъглова чупка на кабелна скара



Important!

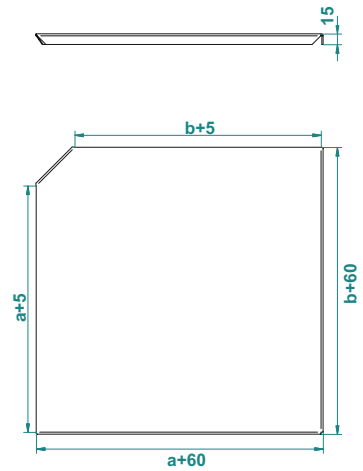
For fixing cable tray cover bend sections use 3 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanized

KK90 ...		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK90 05 08 PG	50	0.08	1
KK90 07 08 PG	75	0.12	1
KK90 10 08 PG	100	0.16	1
KK90 12 08 PG	125	0.22	1
KK90 15 08 PG	150	0.28	1
KK90 20 08 PG	200	0.44	1
		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK90 05 10 PG	50	0.10	1
KK90 07 10 PG	75	0.15	1
KK90 10 10 PG	100	0.21	1
KK90 12 10 PG	125	0.28	1
KK90 15 10 PG	150	0.36	1
KK90 20 10 PG	200	0.55	1
KK90 22 10 PG	225	0.66	1
KK90 25 10 PG	250	0.78	1
KK90 30 10 PG	300	1.00	1
KK90 40 10 PG	400	1.62	1

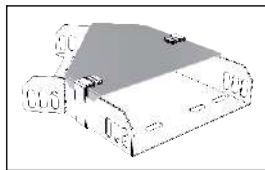
KK90 ...		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK90 30 12 PG	300	1.25	1
KK90 40 12 PG	400	2.03	1
KK90 45 12 PG	450	2.49	1
KK90 50 12 PG	500	3.00	1
KK90 60 12 PG	600	4.16	1
		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK90 05 15 PG	50	0.15	1
KK90 07 15 PG	75	0.23	1
KK90 10 15 PG	100	0.32	1
KK90 12 15 PG	125	0.42	1
KK90 15 15 PG	150	0.54	1
KK90 20 15 PG	200	0.82	1
KK90 22 15 PG	225	0.99	1
KK90 25 15 PG	250	1.16	1
KK90 30 15 PG	300	1.56	1
KK90 40 15 PG	400	2.54	1
KK90 45 15 PG	450	3.12	1
KK90 50 15 PG	500	3.75	1
KK90 60 15 PG	600	5.20	1

KK90



Cover of 45° Horizontal Bend of Cable Tray

Капак на 45° Хоризонтална ъглова чупка на кабелна скара.



Important!

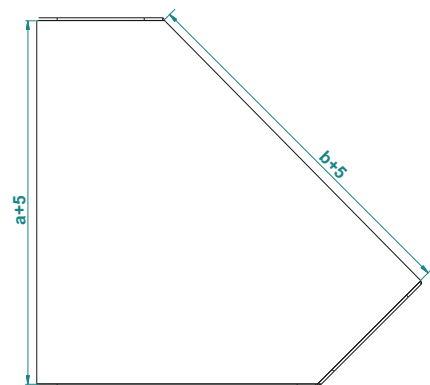
For fixing cable tray cover bend sections use 2 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanized

KK45 ...		0.8mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK45 05 08 PG	50	0.06	1
KK45 07 08 PG	75	0.08	1
KK45 10 08 PG	100	0.12	1
KK45 12 08 PG	125	0.16	1
KK45 15 08 PG	150	0.21	1
KK45 20 08 PG	200	0.32	1
		1.0mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK45 05 10 PG	50	0.08	1
KK45 07 10 PG	75	0.11	1
KK45 10 10 PG	100	0.16	1
KK45 12 10 PG	125	0.21	1
KK45 15 10 PG	150	0.27	1
KK45 20 10 PG	200	0.41	1
KK45 22 10 PG	225	0.49	1
KK45 25 10 PG	250	0.58	1
KK45 30 10 PG	300	0.74	1
KK45 40 10 PG	400	1.20	1

KK45 ...		1.2mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK45 30 12 PG	300	0.92	1
KK45 40 12 PG	400	1.49	1
KK45 45 12 PG	450	1.82	1
KK45 50 12 PG	500	2.19	1
KK45 60 12 PG	600	3.02	1
		1.5mm	
CODE	Width a=b mm	kg 1 pc	pcs
KK45 05 15 PG	50	0.11	1
KK45 07 15 PG	75	0.17	1
KK45 10 15 PG	100	0.24	1
KK45 12 15 PG	125	0.32	1
KK45 15 15 PG	150	0.40	1
KK45 20 15 PG	200	0.61	1
KK45 22 15 PG	225	0.73	1
KK45 25 15 PG	250	0.86	1
KK45 30 15 PG	300	1.15	1
KK45 40 15 PG	400	1.86	1
KK45 45 15 PG	450	2.28	1
KK45 50 15 PG	500	2.74	1
KK45 60 15 PG	600	3.78	1

KK45



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)

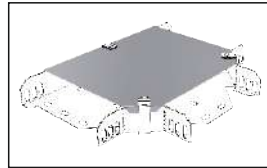
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]:

0.6 0.8 1.0 1.2 1.5

Cover of Horizontal Bend of Cable Tray

Капак на Т-образна хоризонтална ъглова чупка на кабелна скарата.



Important!

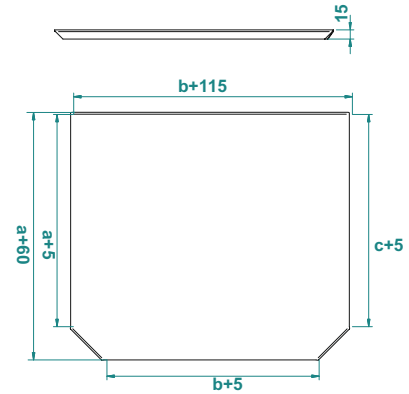
For fixing cable tray cover bend sections use 3 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanised

KKT ...		0.8mm	
CODE	Width a=b=c mm	1 pc	1
KKT 05 08 PG	50	0.10	1
KKT 07 08 PG	75	0.15	1
KKT 10 08 PG	100	0.20	1
KKT 12 08 PG	125	0.26	1
KKT 15 08 PG	150	0.33	1
KKT 20 08 PG	200	0.49	1
KKT ...		1.0mm	
KKT 05 10 PG	50	0.13	1
KKT 07 10 PG	75	0.19	1
KKT 10 10 PG	100	0.26	1
KKT 12 10 PG	125	0.33	1
KKT 15 10 PG	150	0.42	1
KKT 20 10 PG	200	0.62	1
KKT 22 10 PG	225	0.74	1
KKT 25 10 PG	250	0.86	1
KKT 30 10 PG	300	1.10	1
KKT 40 10 PG	400	1.74	1

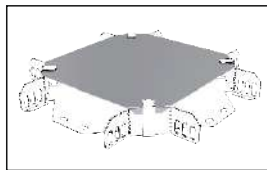
KKT ...		1.2mm	
CODE	Width a=b=c mm	1 pc	1
KKT 30 12 PG	300	1.37	1
KKT 40 12 PG	400	2.18	1
KKT 45 12 PG	450	2.66	1
KKT 50 12 PG	500	3.19	1
KKT 60 12 PG	600	4.38	1
KKT ...		1.5mm	
KKT 05 15 PG	50	0.20	1
KKT 07 15 PG	75	0.29	1
KKT 10 15 PG	100	0.39	1
KKT 12 15 PG	125	0.50	1
KKT 15 15 PG	150	0.63	1
KKT 20 15 PG	200	0.93	1
KKT 22 15 PG	225	1.10	1
KKT 25 15 PG	250	1.29	1
KKT 30 15 PG	300	1.71	1
KKT 40 15 PG	400	2.73	1
KKT 45 15 PG	450	3.33	1
KKT 50 15 PG	500	3.98	1
KKT 60 15 PG	600	5.47	1

KKT



Cover of Cross Bend of Cable Tray

Капак на кръстосано огъване



Important!

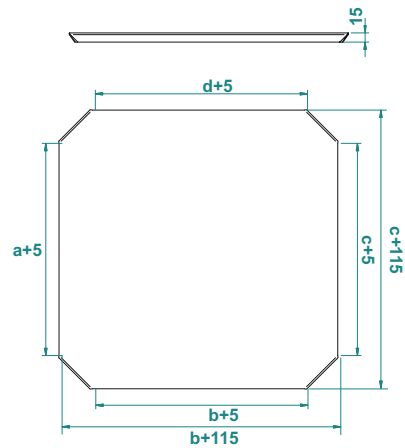
For fixing cable tray cover bend sections use 4 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanised

KKD ...		0.8mm	
CODE	Width a=b=c=d mm	1 pc	1
KKD 05 10 PG	50	0.13	1
KKD 07 10 PG	75	0.19	1
KKD 10 10 PG	100	0.24	1
KKD 12 10 PG	125	0.31	1
KKD 15 10 PG	150	0.39	1
KKD 20 10 PG	200	0.56	1
KKD ...		1.0mm	
KKD 05 10 PG	50	0.17	1
KKD 07 10 PG	75	0.24	1
KKD 10 10 PG	100	0.31	1
KKD 12 10 PG	125	0.39	1
KKD 15 10 PG	150	0.49	1
KKD 20 10 PG	200	0.70	1
KKD 22 10 PG	225	0.82	1
KKD 25 10 PG	250	0.96	1
KKD 30 10 PG	300	1.20	1
KKD 40 10 PG	400	1.88	1

KKD ...		1.2mm	
CODE	Width a=b=c=d mm	1 pc	1
KKD 30 12 PG	300	1.50	1
KKD 40 12 PG	400	2.35	1
KKD 45 12 PG	450	2.84	1
KKD 50 12 PG	500	3.38	1
KKD 60 12 PG	600	4.60	1
KKD ...		1.5mm	
KKD 05 15 PG	50	0.26	1
KKD 07 15 PG	75	0.36	1
KKD 10 15 PG	100	0.47	1
KKD 12 15 PG	125	0.59	1
KKD 15 15 PG	150	0.73	1
KKD 20 15 PG	200	1.05	1
KKD 22 15 PG	225	1.24	1
KKD 25 15 PG	250	1.43	1
KKD 30 15 PG	300	1.87	1
KKD 40 15 PG	400	2.93	1
KKD 45 15 PG	450	3.55	1
KKD 50 15 PG	500	4.22	1
KKD 60 15 PG	600	5.75	1

KKD



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)

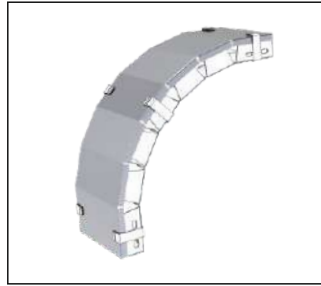
SS- stainless steel AISI 304L and AISI 316L (SS)

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

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

Cover of Vertical Outside Bend of Cable Tray (Flexible)

Капак на вертикално външно огъване на кабелна скара (гъвкав)



Important!

For fixing cable tray cover bend sections use 4 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanised

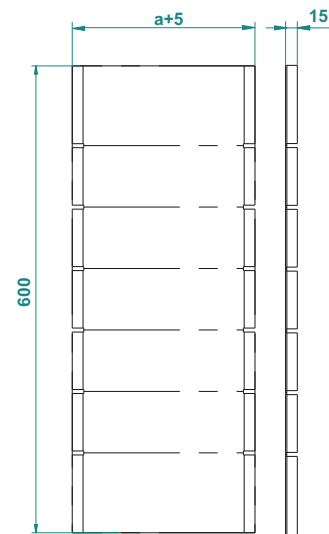
KKDB ... H15		0.8mm	
CODE	Width a mm	KG 1 pc	pcs
KKDB 05 08 PG	50	0.32	1
KKDB 07 08 PG	75	0.41	1
KKDB 10 08 PG	100	0.51	1
KKDB 12 08 PG	125	0.61	1
KKDB 15 08 PG	150	0.71	1
KKDB 20 08 PG	200	1.90	1

KKDB ... H15		1.0mm	
CODE	Width a mm	KG 1 pc	pcs
KKDB 05 10 PG	50	0.40	1
KKDB 07 10 PG	75	0.52	1
KKDB 10 10 PG	100	0.64	1
KKDB 12 10 PG	125	0.77	1
KKDB 15 10 PG	150	0.89	1
KKDB 20 10 PG	200	1.13	1
KKDB 22 10 PG	225	1.26	1
KKDB 25 10 PG	250	1.38	1
KKDB 30 10 PG	300	1.56	1
KKDB 40 10 PG	400	2.43	1

KKDB ... H15		1.2mm	
CODE	Width a mm	KG 1 pc	pcs
KKDB 30 12 PG	300	1.95	1
KKDB 40 12 PG	400	3.04	1
KKDB 45 12 PG	450	3.40	1
KKDB 50 12 PG	500	3.75	1
KKDB 60 12 PG	600	4.46	1

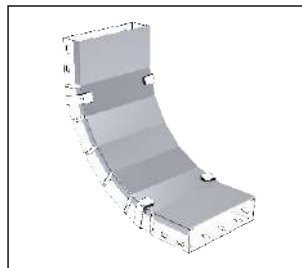
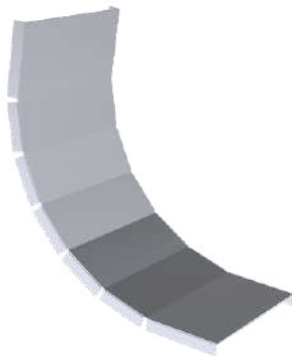
KKDB ... H15		1.5mm	
CODE	Width a mm	KG 1 pc	pcs
KKDB 05 15 PG	50	0.59	1
KKDB 07 15 PG	75	0.78	1
KKDB 10 15 PG	100	0.96	1
KKDB 12 15 PG	125	1.15	1
KKDB 15 15 PG	150	1.33	1
KKDB 20 15 PG	200	1.70	1
KKDB 22 15 PG	225	1.88	1
KKDB 25 15 PG	250	2.07	1
KKDB 30 15 PG	300	2.43	1
KKDB 40 15 PG	400	3.80	1
KKDB 45 15 PG	450	4.24	1
KKDB 50 15 PG	500	4.69	1
KKDB 60 15 PG	600	5.57	1

KKDB



Cover of Vertical Inside Bend of Cable Tray (Flexible)

Капак на вертикално вътрешно огъване на кабелна скарата (гъвкав)



Important!

For fixing cable tray cover bend sections use 4 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanised

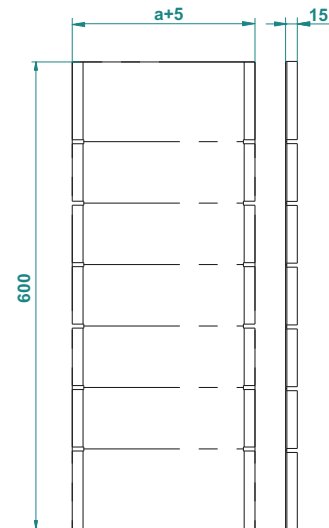
KKIB ... H15		0.8mm	
CODE	Width a mm	KG 1 pc	pcs
KKIB 05 08 PG	50	0.32	1
KKIB 07 08 PG	75	0.41	1
KKIB 10 08 PG	100	0.51	1
KKIB 12 08 PG	125	0.61	1
KKIB 15 08 PG	150	0.71	1
KKIB 20 08 PG	200	1.90	1

KKIB ... H15		1.0mm	
CODE	Width a mm	KG 1 pc	pcs
KKIB 05 10 PG	50	0.40	1
KKIB 07 10 PG	75	0.52	1
KKIB 10 10 PG	100	0.64	1
KKIB 12 10 PG	125	0.77	1
KKIB 15 10 PG	150	0.89	1
KKIB 20 10 PG	200	1.13	1
KKIB 22 10 PG	225	1.26	1
KKIB 25 10 PG	250	1.38	1
KKIB 30 10 PG	300	1.56	1
KKIB 40 10 PG	400	2.43	1

KKIB ... H15		1.2mm	
CODE	Width a mm	KG 1 pc	pcs
KKIB 30 12 PG	300	1.95	1
KKIB 40 12 PG	400	3.04	1
KKIB 45 12 PG	450	3.40	1
KKIB 50 12 PG	500	3.75	1
KKIB 60 12 PG	600	4.46	1

KKIB ... H15		1.5mm	
CODE	Width a mm	KG 1 pc	pcs
KKIB 05 15 PG	50	0.59	1
KKIB 07 15 PG	75	0.78	1
KKIB 10 15 PG	100	0.96	1
KKIB 12 15 PG	125	1.15	1
KKIB 15 15 PG	150	1.33	1
KKIB 20 15 PG	200	1.70	1
KKIB 22 15 PG	225	1.88	1
KKIB 25 15 PG	250	2.07	1
KKIB 30 15 PG	300	2.43	1
KKIB 40 15 PG	400	3.80	1
KKIB 45 15 PG	450	4.24	1
KKIB 50 15 PG	500	4.69	1
KKIB 60 15 PG	600	5.57	1

KKIB



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)

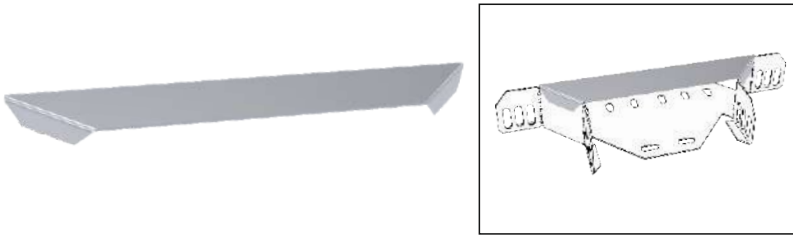
SS- stainless steel AISI 304L and AISI 316L (SS)

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

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

Cover of Add On Tee Horizontal Bend of Cable Tray

Капак на Т-образна хоризонтална ъглова чупка на кабелна скарата.



Important!

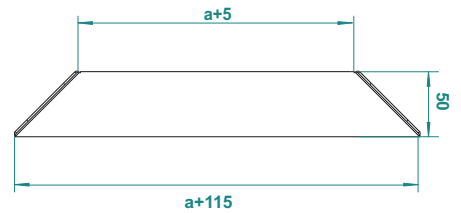
For fixing cable tray cover bend sections use 2 pcs of KT/1 cover clamps. Cover clamps fixing - side sliding.

Pre - Galvanised

KKTE ... H15		0.8mm	
CODE	Width a mm	kg 1 pc	pcs
KKTE 15 10 PG	100	0.08	1
KKTE 20 10 PG	125	1.00	1
KKTE 22 10 PG	150	0.13	1
KKTE 25 10 PG00		0.14	1
		1.0mm	
KKTE 15 10 PG	100	0.10	1
KKTE 20 10 PG	125	0.12	1
KKTE 22 10 PG	150	0.13	1
KKTE 25 10 PG	200	0.14	1
KKTE 30 10 PG	250	0.15	1
KKTE 40 10 PG	300	0.16	1

KKTE ... H15		1.2mm	
CODE	Width a mm	kg 1 pc	pcs
KKTE 30 12 PG	300	0.19	1
KKTE 40 12 PG	400	0.23	1
KKTE 45 12 PG	450	0.26	1
KKTE 50 12 PG	500	0.28	1
KKTE 60 12 PG	600	0.33	1
		1.5mm	
KKTER1 15 15 PG	100	0.45	1
KKTER1 20 15 PG	125	0.51	1
KKTER1 22 15 PG	150	0.55	1
KKTER1 25 15 PG	200	0.58	1
KKTER1 30 15 PG	225	0.64	1
KKTER1 40 15 PG	250	0.76	1
KKTER1 45 15 PG	300	0.83	1
KKTER1 50 15 PG	400	0.89	1
KKTER1 60 15 PG	450	1.01	1

KKTE



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

Edge Protection Strip

Защитна лента за ръбове



FIT SNG



FIT DBL

PVC

FIT ...			
CODE	Length L mt	kg mt/kg	pcs
FIT SNG	10	0.10	1

FIT ...			
CODE	Length L mt	kg mt/kg	pcs
FIT DBL	10	0.20	1

Zinc Spray

Цинков спрей



CODE	kg 1pc	pcs
ZINC 400	0.4	1

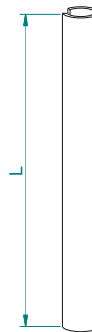
Zinc Repair Paint

Ремонтна цинкова боя

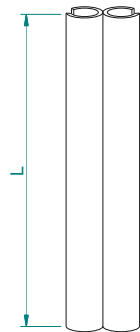


CODE	kg 1pc	pcs
ZINC PAS	1.0	1

FIT SNG



FIT DBL















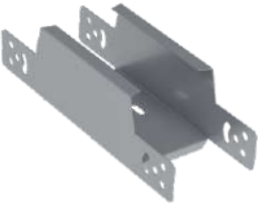












APPLICATIONS

Cable routing / Standard : IEC 61537

Cable Tray Bends and Accessories

Огъвания и аксесоари за кабелни скари

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

Cable Tray Covers and Accessories

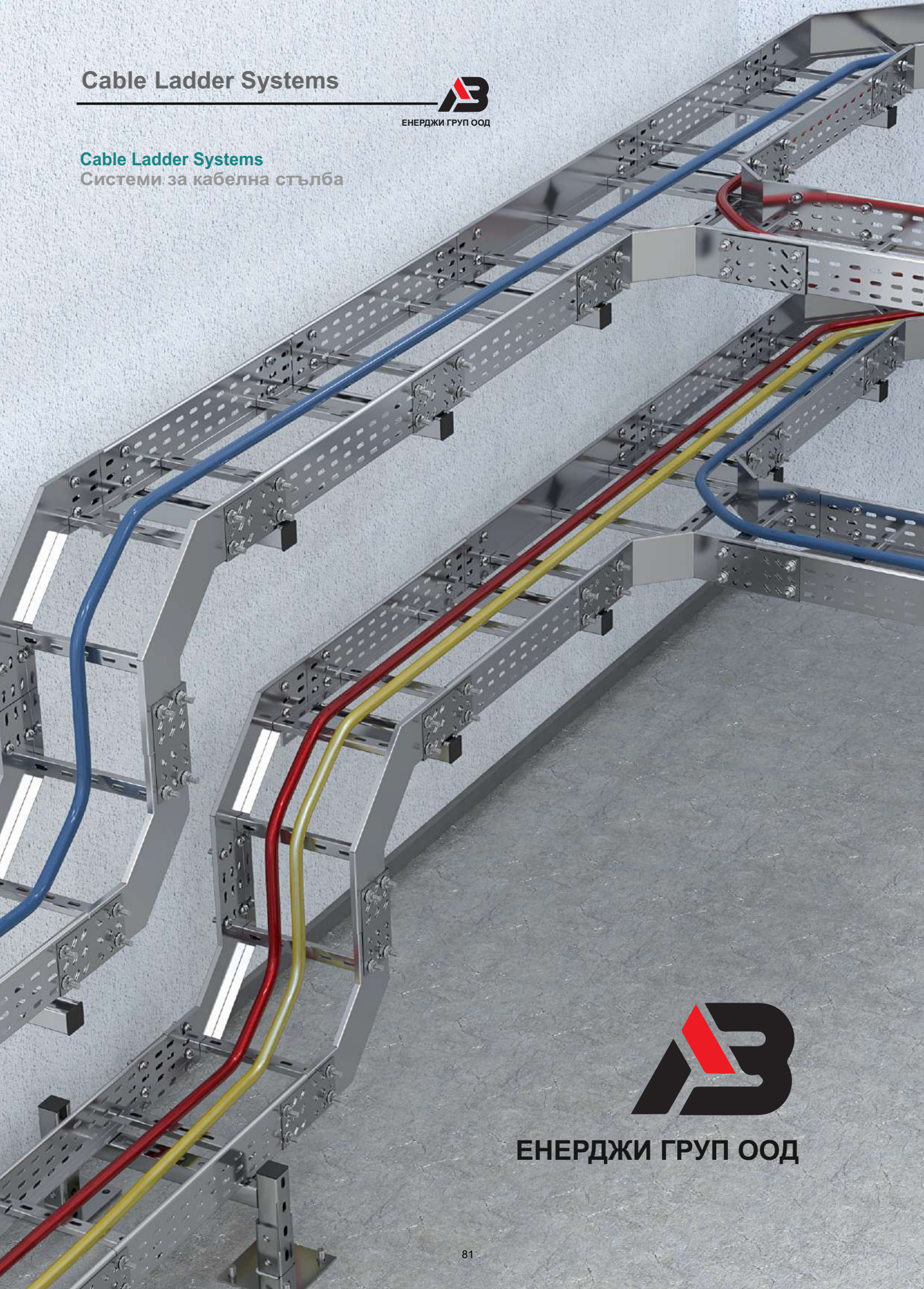
Огъвания и аксесоари за кабелни скари

<p>Cover of 90° Horizontal Bend</p> <p>KK90R1 R150°</p>	<p>Cover of 90° Horizontal Bend</p> <p>KK90R2 - KK90R4 R300 - R600</p>	<p>Cover of Horizontal Adjustable Bends</p> <p>KK90H 15-90°</p>	<p>Cover of 45° Horizontal Bend</p> <p>KK45R2 - KK45R4 R300 - R600</p>	<p>Wrap Around Cover Clamp</p> <p>KT/2</p>
<p>Cover of Middle Reducer Bend</p> <p>RKOS</p>	<p>Cover of Left Reducer Bend</p> <p>RKLS</p>	<p>Cover of Left Reducer Bend</p> <p>RKGS</p>	<p>Cover of Tee Horizontal Bend</p> <p>KKTR2 - KKTR4 R300 - R600</p>	<p>Cover of Cross Bend</p> <p>KKDR2 - KKDR4 R300 - R600</p>
<p>Cover of Vertical 90° Inside Bend</p> <p>KKIS</p>	<p>Cover Vertical 90° Outside Bend</p> <p>KKDS</p>	<p>Cover of Vertical 45° Outside Bend</p> <p>KKIS45</p>	<p>Cover of Vertical 45° Outside Bend</p> <p>KKDS45</p>	<p>Peaked Cover of Cable Tray / Ladder</p> <p>KKC</p>
<p>Cover of Vertical 90° Inside Bend</p> <p>KKISR2 - KKISR4 R300 - R600</p>	<p>Cover of Vertical 90° Outside Bend</p> <p>KKDSR2 - KKDSR4 R300 - R600</p>	<p>Cover of Vertical 45° Inside Bend</p> <p>KKIS45R2 - KKIS45R4 R300 - R600</p>	<p>Cover of Vertical 45° Outside Bend</p> <p>KKDS45R2 - KKDS45R4 R300 - R600</p>	<p>Louvered Cover of Cable Tray / Ladder</p> <p>KKP</p>
<p>Cover of Vertical Tee Bend</p> <p>KKDT</p>	<p>Cover of Vertical Tee Bend</p> <p>KKMT</p>	<p>Cover of Vertical Tee Bend</p> <p>KKDL</p>	<p>Cover of Vertical Elbow</p> <p>KKDG</p>	<p>Peaked Type Wrap Cover Clamp</p> <p>KT/3</p>

Cable Ladder Systems



Cable Ladder Systems
Системи за кабелна стълба



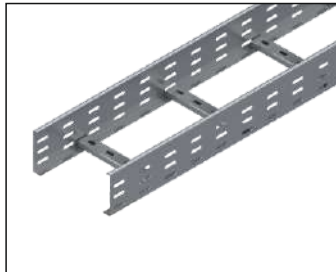
ЕНЕРДЖИ ГРУП ООД

Cable Ladder Systems

Системи за кабелна стълба



PKM



SKM



UKM



CKM



ZKM



FKM

Accessories

Straight Connector
прав конектор



KBE

Adjustable horizontal connector
Регулируем хоризонтален конектор



BYD

Adjustable Vertical Connector
Регулируем вертикален конектор



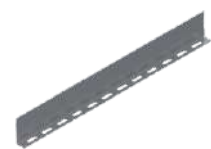
BDD

Reducer Connector - Single Type
Конектор за редуктор



RT

Barrier Strip
Барьерна лента



SEP

Stop End
Завършващо парче



SON

Fixing unit
Фиксираща единица



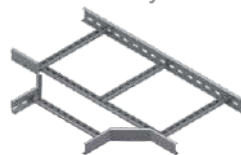
MT/1

90° Hor. Ladder bend
90° Хоризонтална стълба



PM90

Tee Hor. Ladder bend
Тройник Хоризонтална стълба чупка.



PMT

Cross bend cover
Капак с кръстосано огъване



PMD

Vertical inside 90° Ladder bend
Вертикална вътрешна 90° стълба



PMIS

Vertical outside 90° Ladder bend
Вертикална външна стълба от 90°



PMDS

Vertical inside 45° Ladder bend
Вертикална вътрешна 45° стълба



PMIS45

Vertical outside 45° Ladder bend
Вертикална външна стълба от 45°



PMDS45

Modular Riser
Модулен щранг.



PMMB

Cable Ladder Systems of Side Height H50



ЕНЕРДЖИ ГРУП ООД

Cable Ladder

Кабелна стълба



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

PKM ...	H50... 1.2mm			PKM ...	H50... 1.5mm		
CODE	Width W mm	Length L mm	KG 1m	CODE	Width W mm	Length L mm	KG 1m
PKM 510 12 PG	100	3000	1.38	PKM 510 15 PG	100	3000	1.73
PKM 515 12 PG	150	3000	1.47	PKM 515 15 PG	150	3000	1.84
PKM 520 12 PG	200	3000	1.56	PKM 520 15 PG	200	3000	1.95
PKM 525 12 PG	250	3000	1.65	PKM 525 15 PG	250	3000	2.06
PKM 530 12 PG	300	3000	1.73	PKM 530 15 PG	300	3000	2.17
PKM 540 12 PG	400	3000	1.91	PKM 540 15 PG	400	3000	2.39
PKM 545 12 PG	450	3000	2.00	PKM 545 15 PG	450	3000	2.50
PKM 550 12 PG	500	3000	2.08	PKM 550 15 PG	500	3000	2.61
PKM 560 12 PG	600	3000	2.26	PKM 560 15 PG	600	3000	2.83

Cable Ladder

Кабелна стълба

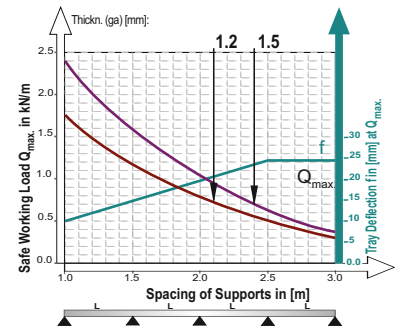
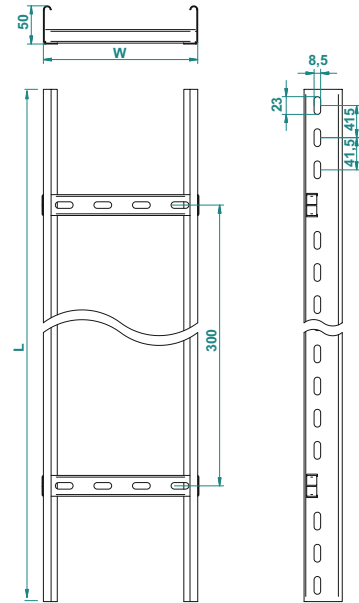


Important!
To instal cable tray - bend use Screw Sets CFS M6 or CFS M8

Integrated Type Pre - Galvanised

FKM ...	H50... 1.2mm			FKM ...	H50... 1.5mm		
CODE	Width W mm	Length L mm	KG 1m	CODE	Width W mm	Length L mm	KG 1m
FKM 510 12 PG	100	3000	1.38	FKM 510 15 PG	100	3000	1.73
FKM 515 12 PG	150	3000	1.47	FKM 515 15 PG	150	3000	1.84
FKM 520 12 PG	200	3000	1.56	FKM 520 15 PG	200	3000	1.95
FKM 525 12 PG	250	3000	1.65	FKM 525 15 PG	250	3000	2.06
FKM 530 12 PG	300	3000	1.73	FKM 530 15 PG	300	3000	2.17
FKM 540 12 PG	400	3000	1.91	FKM 540 15 PG	400	3000	2.39
FKM 545 12 PG	450	3000	2.00	FKM 545 15 PG	450	3000	2.50
FKM 550 12 PG	500	3000	2.08	FKM 550 15 PG	500	3000	2.61
FKM 560 12 PG	600	3000	2.26	FKM 560 15 PG	600	3000	2.83

PKM H50



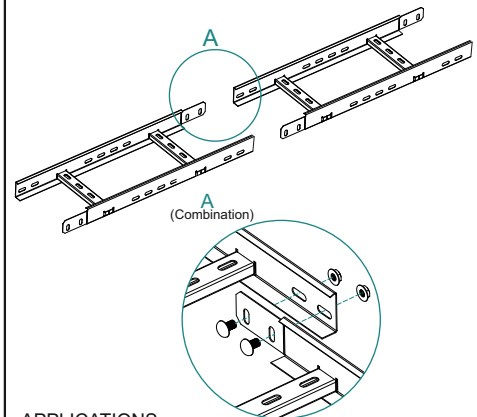
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

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

FKM H50

Quick Fixing Method (without coupler)



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]: 1.2 1.5

Cable Ladder Systems of Side Height H50



ЕНЕРДЖИ ГРУП ООД

90° Horizontal Bend of Cable Ladder

90° Хоризонтално огъване на кабелна стълба



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

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

Pre - Galvanised

PM90 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
PM90 510 12 PG	100	0.74	1	1
PM90 515 12 PG	150	0.89	1	1
PM90 520 12 PG	200	1.03	1	1
PM90 525 12 PG	250	1.18	1	1
PM90 530 12 PG	300	1.32	1	1
PM90 540 12 PG	400	1.62	1	1
PM90 545 12 PG	450	1.76	1	1
PM90 550 12 PG	500	1.91	1	1
PM90 560 12 PG	600	2.21	1	1

		1.5mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
PM90 510 15 PG	100	0.93	1	1
PM90 515 15 PG	150	1.10	1	1
PM90 520 15 PG	200	1.29	1	1
PM90 525 15 PG	250	1.47	1	1
PM90 530 15 PG	300	1.66	1	1
PM90 540 15 PG	400	2.02	1	1
PM90 545 15 PG	450	2.20	1	1
PM90 550 15 PG	500	2.39	1	1
PM90 560 15 PG	600	2.75	1	1

Pre - Galvanised

MF90 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
MF90 510 12 PG	100	0.74	1	1
MF90 515 12 PG	150	0.89	1	1
MF90 520 12 PG	200	1.03	1	1
MF90 525 12 PG	250	1.18	1	1
MF90 530 12 PG	300	1.32	1	1
MF90 540 12 PG	400	1.62	1	1
MF90 545 12 PG	450	1.76	1	1
MF90 550 12 PG	500	1.91	1	1
MF90 560 12 PG	600	2.21	1	1

		1.5mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
MF90 510 15 PG	100	0.93	1	1
MF90 515 15 PG	150	1.10	1	1
MF90 520 15 PG	200	1.29	1	1
MF90 525 15 PG	250	1.47	1	1
MF90 530 15 PG	300	1.66	1	1
MF90 540 15 PG	400	2.02	1	1
MF90 545 15 PG	450	2.20	1	1
MF90 550 15 PG	500	2.39	1	1
MF90 560 15 PG	600	2.75	1	1

45° Horizontal Bend of Cable Ladder

45° Хоризонтално огъване на кабелна стълба



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

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

Pre - Galvanised

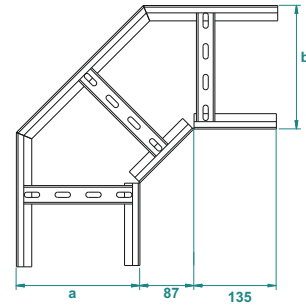
PM45 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
PM45 510 12 PG	100	0.66	1	1
PM45 515 12 PG	150	0.74	1	1
PM45 520 12 PG	200	0.83	1	1
PM45 525 12 PG	250	0.91	1	1
PM45 530 12 PG	300	1.00	1	1
PM45 540 12 PG	400	1.17	1	1
PM45 545 12 PG	450	1.26	1	1
PM45 550 12 PG	500	1.34	1	1
PM45 560 12 PG	600	1.52	1	1

		1.5mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
PM45 510 15 PG	100	0.82	1	1
PM45 515 15 PG	150	0.93	1	1
PM45 520 15 PG	200	1.03	1	1
PM45 525 15 PG	250	1.15	1	1
PM45 530 15 PG	300	1.25	1	1
PM45 540 15 PG	400	1.46	1	1
PM45 545 15 PG	450	1.58	1	1
PM45 550 15 PG	500	1.68	1	1
PM45 560 15 PG	600	1.90	1	1

MF45 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
MF45 510 12 PG	100	0.66	1	1
MF45 515 12 PG	150	0.74	1	1
MF45 520 12 PG	200	0.83	1	1
MF45 525 12 PG	250	0.91	1	1
MF45 530 12 PG	300	1.00	1	1
MF45 540 12 PG	400	1.17	1	1
MF45 545 12 PG	450	1.26	1	1
MF45 550 12 PG	500	1.34	1	1
MF45 560 12 PG	600	1.52	1	1

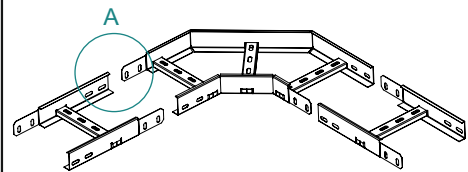
		1.5mm		
CODE	Width W a=b	kg 1 pc	kg	pcs
MF45 510 15 PG	100	0.82	1	1
MF45 515 15 PG	150	0.93	1	1
MF45 520 15 PG	200	1.03	1	1
MF45 525 15 PG	250	1.15	1	1
MF45 530 15 PG	300	1.25	1	1
MF45 540 15 PG	400	1.46	1	1
MF45 545 15 PG	450	1.58	1	1
MF45 550 15 PG	500	1.68	1	1
MF45 560 15 PG	600	1.90	1	1

PM90 H50

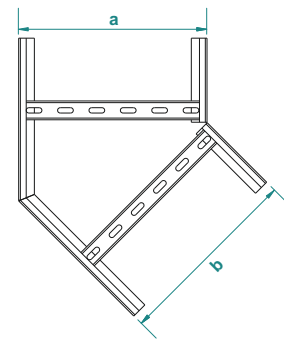


MF90 H50

Quick Fixing Method (without coupler)

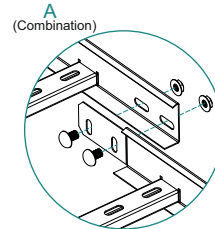
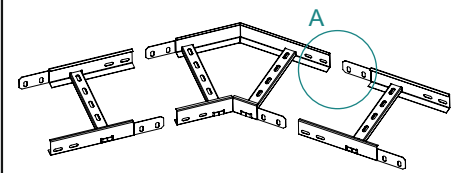


PM45 H50



MF45 H50

Quick Fixing Method (without coupler)



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]: 1.2 | 1.5

Tee Horizontal Bend of Cable Ladder

T-образно хоризонтално огъване на кабелна стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

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

Pre - Galvanised

PMT ...	H50...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 510 12 PG	100	0.94	1	
PMT 515 12 PG	150	1.07	1	
PMT 520 12 PG	200	1.20	1	
PMT 525 12 PG	250	1.56	1	
PMT 530 12 PG	300	1.72	1	
PMT 540 12 PG	400	2.31	1	
PMT 545 12 PG	450	2.51	1	
PMT 550 12 PG	500	2.71	1	
PMT 560 12 PG	600	3.09	1	
		1.5mm		
PMT 510 15 PG	100	1.13	1	
PMT 515 15 PG	150	1.26	1	
PMT 520 15 PG	200	1.40	1	
PMT 525 15 PG	250	1.77	1	
PMT 530 15 PG	300	1.94	1	
PMT 540 15 PG	400	2.54	1	
PMT 545 15 PG	450	2.75	1	
PMT 550 15 PG	500	2.95	1	
PMT 560 15 PG	600	3.36	1	

Pre - Galvanised

MFT ...	H50...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 510 12 PG	100	0.94	1	
MFT 515 12 PG	150	1.07	1	
MFT 520 12 PG	200	1.20	1	
MFT 525 12 PG	250	1.56	1	
MFT 530 12 PG	300	1.72	1	
MFT 540 12 PG	400	2.31	1	
MFT 545 12 PG	450	2.51	1	
MFT 550 12 PG	500	2.71	1	
MFT 560 12 PG	600	3.09	1	
		1.5mm		
MFT 510 15 PG	100	1.13	1	
MFT 515 15 PG	150	1.26	1	
MFT 520 15 PG	200	1.40	1	
MFT 525 15 PG	250	1.77	1	
MFT 530 15 PG	300	1.94	1	
MFT 540 15 PG	400	2.54	1	
MFT 545 15 PG	450	2.75	1	
MFT 550 15 PG	500	2.95	1	
MFT 560 15 PG	600	3.36	1	

Cross Bend of Cable Ladder

Напречно огъване на кабелна стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

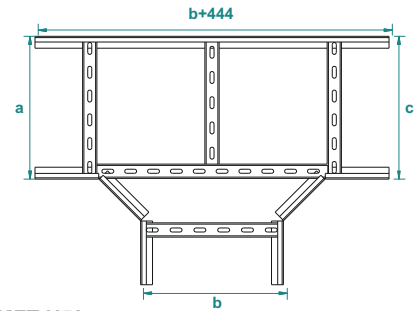
Pre - Galvanised

PMD ...	H50...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 510 12 PG	100	1.16	1	
PMD 515 12 PG	150	1.29	1	
PMD 520 12 PG	200	1.42	1	
PMD 525 12 PG	250	1.79	1	
PMD 530 12 PG	300	1.95	1	
PMD 540 12 PG	400	2.28	1	
PMD 545 12 PG	450	2.81	1	
PMD 550 12 PG	500	3.00	1	
PMD 560 12 PG	600	3.40	1	
		1.5mm		
PMD 510 15 PG	100	1.38	1	
PMD 515 15 PG	150	1.51	1	
PMD 520 15 PG	200	1.64	1	
PMD 525 15 PG	250	2.00	1	
PMD 530 15 PG	300	2.17	1	
PMD 540 15 PG	400	2.50	1	
PMD 545 15 PG	450	3.02	1	
PMD 550 15 PG	500	3.22	1	
PMD 560 15 PG	600	3.62	1	

Pre - Galvanised

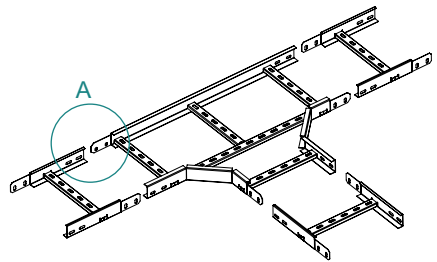
MFD ...	H50...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 510 12 PG	100	1.16	1	
MFD 515 12 PG	150	1.29	1	
MFD 520 12 PG	200	1.42	1	
MFD 525 12 PG	250	1.79	1	
MFD 530 12 PG	300	1.95	1	
MFD 540 12 PG	400	2.28	1	
MFD 545 12 PG	450	2.81	1	
MFD 550 12 PG	500	3.00	1	
MFD 560 12 PG	600	3.40	1	
		1.5mm		
MFD 510 15 PG	100	1.38	1	
MFD 515 15 PG	150	1.51	1	
MFD 520 15 PG	200	1.64	1	
MFD 525 15 PG	250	2.00	1	
MFD 530 15 PG	300	2.17	1	
MFD 540 15 PG	400	2.50	1	
MFD 545 15 PG	450	3.02	1	
MFD 550 15 PG	500	3.22	1	
MFD 560 15 PG	600	3.62	1	

PMT H50

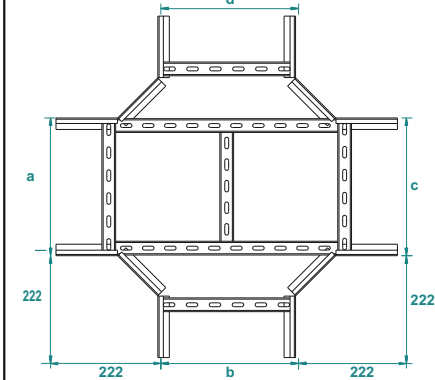


MFT H50

Quick Fixing Method (without coupler)

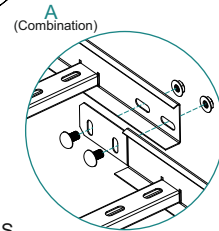
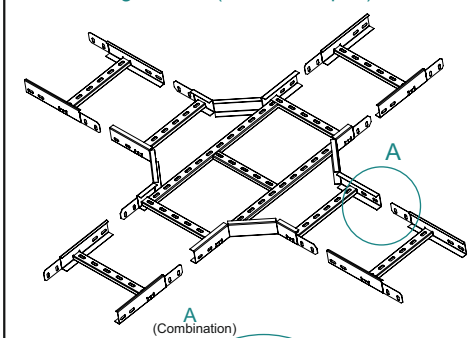


PMD H50



MFD H50

Quick Fixing Method (without coupler)



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]: **1.2 1.5**

Vertical 90° Outside Bend of Cable Ladder (Stable)

Вертикално 90° външно огъване на кабелна стълба (стабилна)



Integrated Type

Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!

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

Pre - Galvanised

PMDS ...	H50...	1.2mm		
CODE	Width W a mm	KG 1 pc	pcs	
PMDS 510 12 PG	100	0.88	1	
PMDS 515 12 PG	150	1.96	1	
PMDS 520 12 PG	200	1.04	1	
PMDS 525 12 PG	250	1.12	1	
PMDS 530 12 PG	300	1.19	1	
PMDS 540 12 PG	400	1.54	1	
PMDS 545 12 PG	450	1.62	1	
PMDS 550 12 PG	500	1.70	1	
PMDS 560 12 PG	600	1.85	1	

		1.5mm		
CODE	Width W a mm	KG 1 pc	pcs	
PMDS 510 15 PG	100	1.10	1	
PMDS 515 15 PG	150	1.20	1	
PMDS 520 15 PG	200	1.30	1	
PMDS 525 15 PG	250	1.40	1	
PMDS 530 15 PG	300	1.50	1	
PMDS 540 15 PG	400	1.92	1	
PMDS 545 15 PG	450	2.02	1	
PMDS 550 15 PG	500	2.12	1	
PMDS 560 15 PG	600	2.31	1	

Pre - Galvanised

MFDS ...	H50...	1.2mm		
CODE	Width W a mm	KG 1 pc	pcs	
MFDS 510 12 PG	100	0.88	1	
MFDS 515 12 PG	150	1.96	1	
MFDS 520 12 PG	200	1.04	1	
MFDS 525 12 PG	250	1.12	1	
MFDS 530 12 PG	300	1.19	1	
MFDS 540 12 PG	400	1.54	1	
MFDS 545 12 PG	450	1.62	1	
MFDS 550 12 PG	500	1.70	1	
MFDS 560 12 PG	600	1.85	1	

		1.5mm		
CODE	Width W a mm	KG 1 pc	pcs	
MFDS 510 15 PG	100	1.10	1	
MFDS 515 15 PG	150	1.20	1	
MFDS 520 15 PG	200	1.30	1	
MFDS 525 15 PG	250	1.40	1	
MFDS 530 15 PG	300	1.50	1	
MFDS 540 15 PG	400	1.92	1	
MFDS 545 15 PG	450	2.02	1	
MFDS 550 15 PG	500	2.12	1	
MFDS 560 15 PG	600	2.31	1	

Vertical 90° Inside Bend of Cable Ladder (Stable)

Вертикално 90° огъване от вътрешната страна на кабелна стълба (стабилно)



Integrated Type

Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMIS...	H50...	1.2mm		
CODE	Width W a mm	KG 1 pc	pcs	
PMIS 510 12 PG	100	0.88	1	
PMIS 515 12 PG	150	0.96	1	
PMIS 520 12 PG	200	1.04	1	
PMIS 525 12 PG	250	1.12	1	
PMIS 530 12 PG	300	1.19	1	
PMIS 540 12 PG	400	1.54	1	
PMIS 545 12 PG	450	1.62	1	
PMIS 550 12 PG	500	1.70	1	
PMIS 560 12 PG	600	1.85	1	

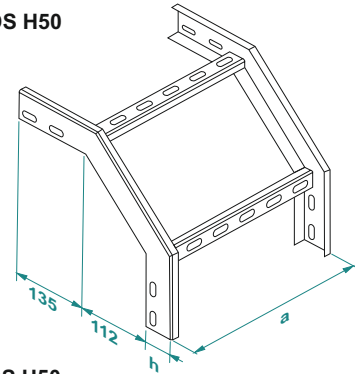
		1.5mm		
CODE	Width W a=b	KG 1 pc	pcs	
PMIS 510 15 PG	100	1.10	1	
PMIS 515 15 PG	150	1.20	1	
PMIS 520 15 PG	200	1.30	1	
PMIS 525 15 PG	250	1.40	1	
PMIS 530 15 PG	300	1.50	1	
PMIS 540 15 PG	400	1.92	1	
PMIS 545 15 PG	450	2.02	1	
PMIS 550 15 PG	500	2.12	1	
PMIS 560 15 PG	600	2.31	1	

Pre - Galvanised

MFIS...	H50...	1.2mm		
CODE	Width W a mm	KG 1 pc	pcs	
MFIS 510 12 PG	100	0.88	1	
MFIS 515 12 PG	150	0.96	1	
MFIS 520 12 PG	200	1.04	1	
MFIS 525 12 PG	250	1.12	1	
MFIS 530 12 PG	300	1.19	1	
MFIS 540 12 PG	400	1.54	1	
MFIS 545 12 PG	450	1.62	1	
MFIS 550 12 PG	500	1.70	1	
MFIS 560 12 PG	600	1.85	1	

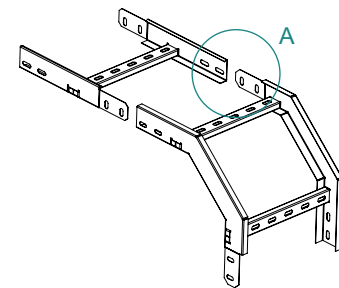
		1.5mm		
CODE	Width W a=b	KG 1 pc	pcs	
MFIS 510 15 PG	100	1.10	1	
MFIS 515 15 PG	150	1.20	1	
MFIS 520 15 PG	200	1.30	1	
MFIS 525 15 PG	250	1.40	1	
MFIS 530 15 PG	300	1.50	1	
MFIS 540 15 PG	400	1.92	1	
MFIS 545 15 PG	450	2.02	1	
MFIS 550 15 PG	500	2.12	1	
MFIS 560 15 PG	600	2.31	1	

PMDS H50

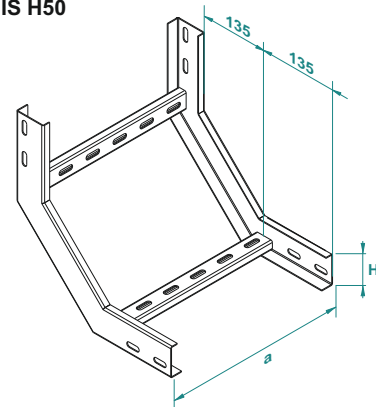


MFDS H50

Quick Fixing Method (without coupler)

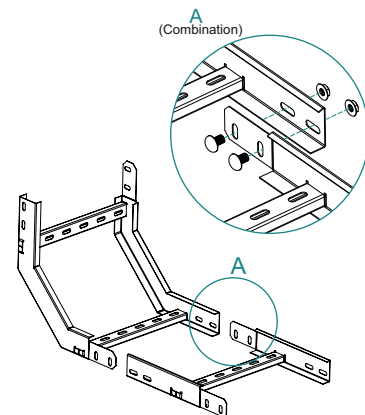


PMIS H50



MFIS H50

Quick Fixing Method (without Coupler)



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]: 1.2 1.5

Modular Adjustable Cable Ladder Riser

Модулен регулируем щранг за кабелна стълба



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

Pre - Galvanised

PMMB ... H50... 1.2mm				PMMB ... H50... 1.5mm			
CODE	Width W a mm	kg 1 pc	pcs	CODE	Width W a mm	kg 1 pc	pcs
PMMB 510 12 PG	100	0.41	1	PMMB 510 15 PG	100	0.52	1
PMMB 515 12 PG	150	0.44	1	PMMB 515 15 PG	150	0.55	1
PMMB 520 12 PG	200	0.47	1	PMMB 520 15 PG	200	0.59	1
PMMB 525 12 PG	250	0.49	1	PMMB 525 15 PG	250	0.62	1
PMMB 530 12 PG	300	0.52	1	PMMB 530 15 PG	300	0.65	1
PMMB 540 12 PG	400	0.57	1	PMMB 540 15 PG	400	0.72	1
PMMB 545 12 PG	450	0.60	1	PMMB 545 15 PG	450	0.75	1
PMMB 550 12 PG	500	0.62	1	PMMB 550 15 PG	500	0.79	1
PMMB 560 12 PG	600	0.68	1	PMMB 560 15 PG	600	0.85	1

Seperator



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

Pre - Galvanised

SEP 1 ... H35 1.0mm				SEP 1 ... H35 1.5mm			
CODE	Length L mm	kg 1m	pcs	CODE	Length L mm	kg 1m	pcs
SEP 135 10 PG	3000	0.40	1	SEP 135 15 PG	3000	0.59	1

Straight Connector



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

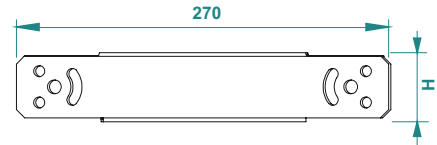
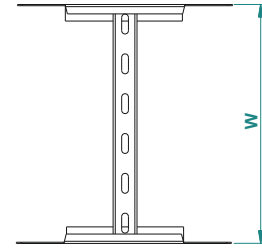
Pre - Galvanised

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

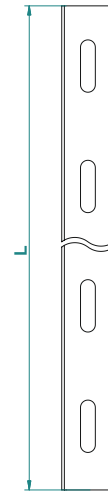
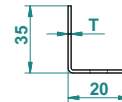
Electro - Galvanised

CFS M6 M6				CFS M8 M8			
CODE	Size mm	Length L mm	kg 1Set	CODE	Size mm	Length L mm	kg 1Set
CFS M6 EG	M6	15	0,008	CFS M8 EG	M8	15	0,014

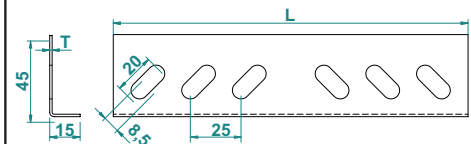
PMMB H50



SEP 1 H35



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]: **1.2 1.5**

Cable Ladder Systems of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Cable Ladder

Кабелна стълба



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

Pre - Galvanised

PKM ...	H60...	1.2mm			PKM ...	H60...	1.5mm		
CODE	Width W mm	Length L mm	kg 1 mt	pcs	CODE	Width W mm	Length L mm	kg 1 mt	pcs
PKM 610 12 PG	100	3000	1.53	2	PKM 610 15 PG	100	3000	1.92	2
PKM 615 12 PG	150	3000	1.62	2	PKM 615 15 PG	150	3000	2.03	2
PKM 620 12 PG	200	3000	1.71	2	PKM 620 15 PG	200	3000	2.14	2
PKM 625 12 PG	250	3000	1.80	2	PKM 625 15 PG	250	3000	2.25	2
PKM 630 12 PG	300	3000	1.88	2	PKM 630 15 PG	300	3000	2.36	2
PKM 640 12 PG	400	3000	2.06	2	PKM 640 15 PG	400	3000	2.57	2
PKM 645 12 PG	450	3000	2.15	2	PKM 645 15 PG	450	3000	2.68	2
PKM 650 12 PG	500	3000	2.24	2	PKM 650 15 PG	500	3000	2.79	2
PKM 660 12 PG	600	3000	2.41	2	PKM 660 15 PG	600	3000	3.01	2

Cable Ladder

Кабелна стълба



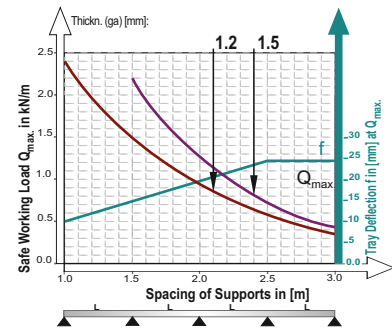
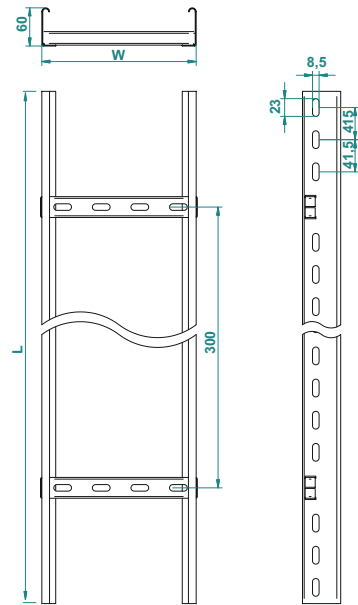
Integrated Type

Important!
To install cable ladder - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FKM...	H60...	1.2mm			FKM...	H60...	1.5mm		
CODE	Width W mm	Length L mm	kg 1 mt	pcs	CODE	Width W mm	Length L mm	kg 1 mt	pcs
FKM 610 12 PG	100	3000	1.53	2	FKM 610 15 PG	100	3000	1.92	2
FKM 615 12 PG	150	3000	1.62	2	FKM 615 15 PG	150	3000	2.03	2
FKM 620 12 PG	200	3000	1.71	2	FKM 620 15 PG	200	3000	2.14	2
FKM 625 12 PG	250	3000	1.80	2	FKM 625 15 PG	250	3000	2.25	2
FKM 630 12 PG	300	3000	1.88	2	FKM 630 15 PG	300	3000	2.36	2
FKM 640 12 PG	400	3000	2.06	2	FKM 640 15 PG	400	3000	2.57	2
FKM 645 12 PG	450	3000	2.15	2	FKM 645 15 PG	450	3000	2.68	2
FKM 650 12 PG	500	3000	2.24	2	FKM 650 15 PG	500	3000	2.79	2
FKM 660 12 PG	600	3000	2.41	2	FKM 660 15 PG	600	3000	3.01	2

PKM H60



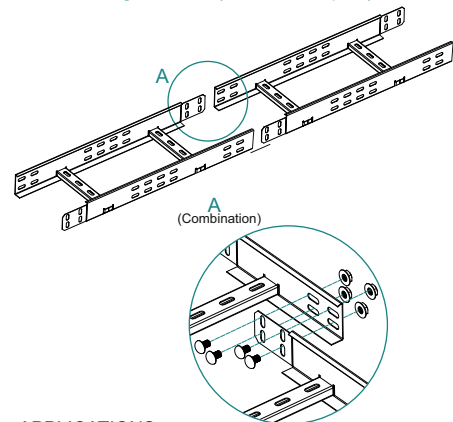
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

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	28 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

FKM H60

Quick Fixing Method (without coupler)



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]: 1.2 1.5

90° Horizontal Bend of Cable Ladder

90° Хоризонтална стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PM90 ...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 610 12 PG	100	0.81	1	
PM90 615 12 PG	150	0.97	1	
PM90 620 12 PG	200	1.12	1	
PM90 625 12 PG	250	1.28	1	
PM90 630 12 PG	300	1.43	1	
PM90 640 12 PG	400	1.74	1	
PM90 645 12 PG	450	1.90	1	
PM90 650 12 PG	500	2.05	1	
PM90 660 12 PG	600	2.36	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 610 15 PG	100	1.01	1	
PM90 615 15 PG	150	1.21	1	
PM90 620 15 PG	200	1.40	1	
PM90 625 15 PG	250	1.60	1	
PM90 630 15 PG	300	1.79	1	
PM90 640 15 PG	400	2.18	1	
PM90 645 15 PG	450	2.37	1	
PM90 650 15 PG	500	2.57	1	
PM90 660 15 PG	600	2.95	1	

Integrated Type

Important!

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

Pre - Galvanised

MF90 ...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 610 12 PG	100	0.81	1	
MF90 615 12 PG	150	0.97	1	
MF90 620 12 PG	200	1.12	1	
MF90 625 12 PG	250	1.28	1	
MF90 630 12 PG	300	1.43	1	
MF90 640 12 PG	400	1.74	1	
MF90 645 12 PG	450	1.90	1	
MF90 650 12 PG	500	2.05	1	
MF90 660 12 PG	600	2.36	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 610 15 PG	100	1.01	1	
MF90 615 15 PG	150	1.21	1	
MF90 620 15 PG	200	1.40	1	
MF90 625 15 PG	250	1.60	1	
MF90 630 15 PG	300	1.79	1	
MF90 640 15 PG	400	2.18	1	
MF90 645 15 PG	450	2.37	1	
MF90 650 15 PG	500	2.57	1	
MF90 660 15 PG	600	2.95	1	

45° Horizontal Bend of Cable Ladder

45° Хоризонтална стълба.



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PM45 ...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 610 12 PG	100	0.72	1	
PM45 615 12 PG	150	0.81	1	
PM45 620 12 PG	200	0.91	1	
PM45 625 12 PG	250	0.99	1	
PM45 630 12 PG	300	1.08	1	
PM45 640 12 PG	400	1.27	1	
PM45 645 12 PG	450	1.35	1	
PM45 650 12 PG	500	1.45	1	
PM45 660 12 PG	600	1.63	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 610 15 PG	100	0.91	1	
PM45 615 15 PG	150	1.02	1	
PM45 620 15 PG	200	1.13	1	
PM45 625 15 PG	250	1.24	1	
PM45 630 15 PG	300	1.36	1	
PM45 640 15 PG	400	1.58	1	
PM45 645 15 PG	450	1.70	1	
PM45 650 15 PG	500	1.81	1	
PM45 660 15 PG	600	2.04	1	

Integrated Type

Important!

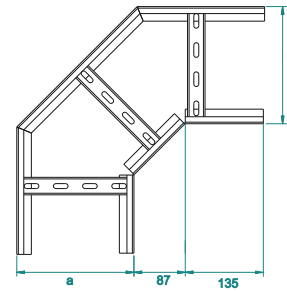
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

MF45 ...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 610 12 PG	100	0.72	1	
MF45 615 12 PG	150	0.81	1	
MF45 620 12 PG	200	0.91	1	
MF45 625 12 PG	250	0.99	1	
MF45 630 12 PG	300	1.08	1	
MF45 640 12 PG	400	1.27	1	
MF45 645 12 PG	450	1.35	1	
MF45 650 12 PG	500	1.45	1	
MF45 660 12 PG	600	1.63	1	

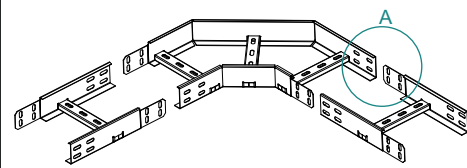
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 610 15 PG	100	0.91	1	
MF45 615 15 PG	150	1.02	1	
MF45 620 15 PG	200	1.13	1	
MF45 625 15 PG	250	1.24	1	
MF45 630 15 PG	300	1.36	1	
MF45 640 15 PG	400	1.58	1	
MF45 645 15 PG	450	1.70	1	
MF45 650 15 PG	500	1.81	1	
MF45 660 15 PG	600	2.04	1	

PM90 H60

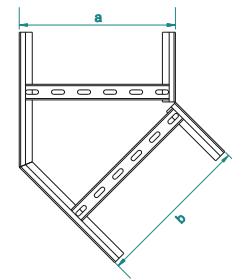


MF90 H60

Quick Fixing Method (without coupler)

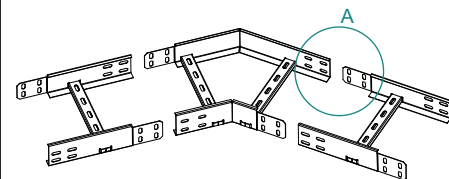


PM45 H60

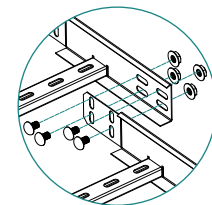


MF45 H60

Quick Fixing Method (without coupler)



(Combination)



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]: 1.2 1.5

Tee Horizontal Bend of Cable Ladder

T-образно хоризонтално огъване на кабелна стълба



Integrated Type

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PMT ...	H60...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 610 12 PG	100	1.04	1	
PMT 615 12 PG	150	1.17	1	
PMT 620 12 PG	200	1.31	1	
PMT 625 12 PG	250	1.67	1	
PMT 630 12 PG	300	1.83	1	
PMT 640 12 PG	400	2.42	1	
PMT 645 12 PG	450	2.63	1	
PMT 650 12 PG	500	2.83	1	
PMT 660 12 PG	600	3.22	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 610 15 PG	100	1.25	1	
PMT 615 15 PG	150	1.39	1	
PMT 620 15 PG	200	1.53	1	
PMT 625 15 PG	250	1.90	1	
PMT 630 15 PG	300	2.07	1	
PMT 640 15 PG	400	2.69	1	
PMT 645 15 PG	450	2.89	1	
PMT 650 15 PG	500	3.11	1	
PMT 660 15 PG	600	3.52	1	

Pre - Galvanised

MFT ...	H60...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 610 12 PG	100	1.04	1	
MFT 615 12 PG	150	1.17	1	
MFT 620 12 PG	200	1.31	1	
MFT 625 12 PG	250	1.67	1	
MFT 630 12 PG	300	1.83	1	
MFT 640 12 PG	400	2.42	1	
MFT 645 12 PG	450	2.63	1	
MFT 650 12 PG	500	2.83	1	
MFT 660 12 PG	600	3.22	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 610 15 PG	100	1.25	1	
MFT 615 15 PG	150	1.39	1	
MFT 620 15 PG	200	1.53	1	
MFT 625 15 PG	250	1.90	1	
MFT 630 15 PG	300	2.07	1	
MFT 640 15 PG	400	2.69	1	
MFT 645 15 PG	450	2.89	1	
MFT 650 15 PG	500	3.11	1	
MFT 660 15 PG	600	3.52	1	

Cross Bend of Cable Ladder

Напречно огъване на кабелна стълба



Integrated Type

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PMD...	H60...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 610 12 PG	100	1.26	1	
PMD 615 12 PG	150	1.40	1	
PMD 620 12 PG	200	1.53	1	
PMD 625 12 PG	250	1.89	1	
PMD 630 12 PG	300	2.05	1	
PMD 640 12 PG	400	2.38	1	
PMD 645 12 PG	450	2.91	1	
PMD 650 12 PG	500	3.11	1	
PMD 660 12 PG	600	3.50	1	

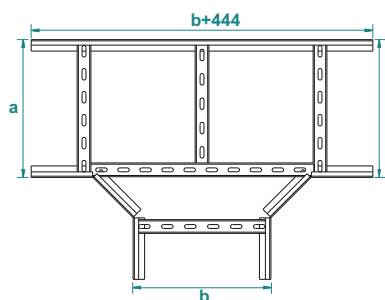
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 610 15 PG	100	1.52	1	
PMD 615 15 PG	150	1.65	1	
PMD 620 15 PG	200	1.78	1	
PMD 625 15 PG	250	2.15	1	
PMD 630 15 PG	300	2.31	1	
PMD 640 15 PG	400	2.64	1	
PMD 645 15 PG	450	3.17	1	
PMD 650 15 PG	500	3.36	1	
PMD 660 15 PG	600	3.76	1	

Pre - Galvanised

MFD...	H60...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 610 12 PG	100	1.26	1	
MFD 615 12 PG	150	1.40	1	
MFD 620 12 PG	200	1.53	1	
MFD 625 12 PG	250	1.89	1	
MFD 630 12 PG	300	2.05	1	
MFD 640 12 PG	400	2.38	1	
MFD 645 12 PG	450	2.91	1	
MFD 650 12 PG	500	3.11	1	
MFD 660 12 PG	600	3.50	1	

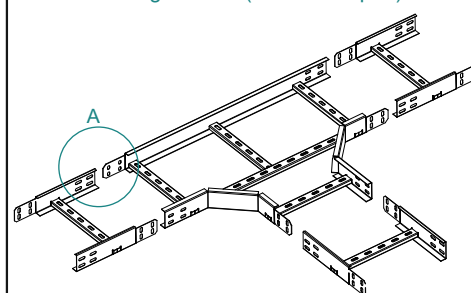
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 610 15 PG	100	1.52	1	
MFD 615 15 PG	150	1.65	1	
MFD 620 15 PG	200	1.78	1	
MFD 625 15 PG	250	2.15	1	
MFD 630 15 PG	300	2.31	1	
MFD 640 15 PG	400	2.64	1	
MFD 645 15 PG	450	3.17	1	
MFD 650 15 PG	500	3.36	1	
MFD 660 15 PG	600	3.76	1	

PMT H60

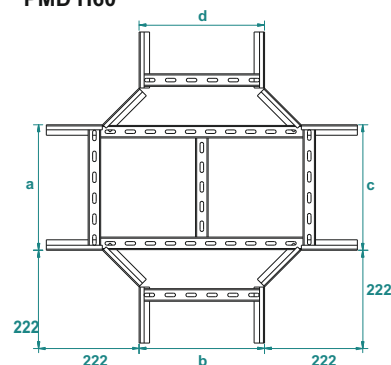


MFT H60

Quick Fixing Method (without coupler)

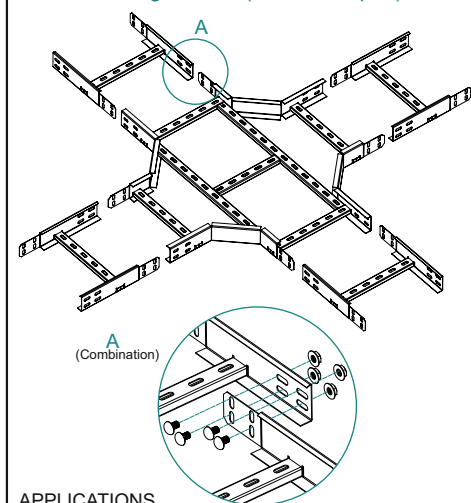


PMD H60



MFD H60

Quick Fixing Method (without coupler)



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]: **1.2 1.5**

Cable Ladder Systems of Side Height H60



ЕНЕРДЖИ ГРУП ООД

Vertical 90° Outside Bend of Cable Ladder (Stable)

Вертикално 90° външно огъване на кабелна стълба (стабилна)



Integrated Type

Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMDS ...	H60...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMDS 610 12 PG	100	0.97	1	
PMDS 615 12 PG	150	1.05	1	
PMDS 620 12 PG	200	1.13	1	
PMDS 625 12 PG	250	1.21	1	
PMDS 630 12 PG	300	1.29	1	
PMDS 640 12 PG	400	1.65	1	
PMDS 645 12 PG	450	1.73	1	
PMDS 650 12 PG	500	1.81	1	
PMDS 660 12 PG	600	1.97	1	

		1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMDS 610 15 PG	100	1.21	1	
PMDS 615 15 PG	150	1.31	1	
PMDS 620 15 PG	200	1.41	1	
PMDS 625 15 PG	250	1.51	1	
PMDS 630 15 PG	300	1.61	1	
PMDS 640 15 PG	400	2.06	1	
PMDS 645 15 PG	450	2.16	1	
PMDS 650 15 PG	500	2.26	1	
PMDS 660 15 PG	600	2.46	1	

MFDS ...	H60...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFDS 610 12 PG	100	0.97	1	
MFDS 615 12 PG	150	1.05	1	
MFDS 620 12 PG	200	1.13	1	
MFDS 625 12 PG	250	1.21	1	
MFDS 630 12 PG	300	1.29	1	
MFDS 640 12 PG	400	1.65	1	
MFDS 645 12 PG	450	1.73	1	
MFDS 650 12 PG	500	1.81	1	
MFDS 660 12 PG	600	1.97	1	

		1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFDS 610 15 PG	100	1.21	1	
MFDS 615 15 PG	150	1.31	1	
MFDS 620 15 PG	200	1.41	1	
MFDS 625 15 PG	250	1.51	1	
MFDS 630 15 PG	300	1.61	1	
MFDS 640 15 PG	400	2.06	1	
MFDS 645 15 PG	450	2.16	1	
MFDS 650 15 PG	500	2.26	1	
MFDS 660 15 PG	600	2.46	1	

Vertical 90° Inside Bend of Cable Ladder (Stable)

Вертикално огъване от 90° на кабелна стълба (стабилно)



Integrated Type

Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMIS...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PMIS 610 12 PG	100	0.97	1	
PMIS 615 12 PG	150	1.05	1	
PMIS 620 12 PG	200	1.13	1	
PMIS 625 12 PG	250	1.21	1	
PMIS 630 12 PG	300	1.29	1	
PMIS 640 12 PG	400	1.65	1	
PMIS 645 12 PG	450	1.73	1	
PMIS 650 12 PG	500	1.81	1	
PMIS 660 12 PG	600	1.97	1	

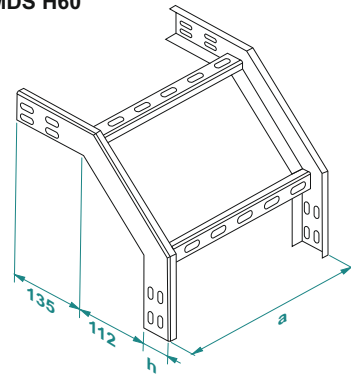
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PMIS 610 15 PG	100	1.21	1	
PMIS 615 15 PG	150	1.31	1	
PMIS 620 15 PG	200	1.41	1	
PMIS 625 15 PG	250	1.51	1	
PMIS 630 15 PG	300	1.61	1	
PMIS 640 15 PG	400	2.06	1	
PMIS 645 15 PG	450	2.16	1	
PMIS 650 15 PG	500	2.26	1	
PMIS 660 15 PG	600	2.46	1	

Pre - Galvanised

MFIS...	H60...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MFIS 610 12 PG	100	0.97	1	
MFIS 615 12 PG	150	1.05	1	
MFIS 620 12 PG	200	1.13	1	
MFIS 625 12 PG	250	1.21	1	
MFIS 630 12 PG	300	1.29	1	
MFIS 640 12 PG	400	1.65	1	
MFIS 645 12 PG	450	1.73	1	
MFIS 650 12 PG	500	1.81	1	
MFIS 660 12 PG	600	1.97	1	

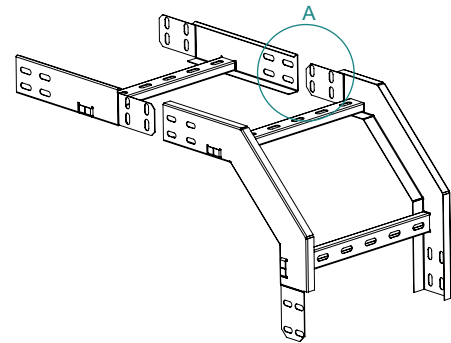
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MFIS 610 15 PG	100	1.21	1	
MFIS 615 15 PG	150	1.31	1	
MFIS 620 15 PG	200	1.41	1	
MFIS 625 15 PG	250	1.51	1	
MFIS 630 15 PG	300	1.61	1	
MFIS 640 15 PG	400	2.06	1	
MFIS 645 15 PG	450	2.16	1	
MFIS 650 15 PG	500	2.26	1	
MFIS 660 15 PG	600	2.46	1	

PMDS H60

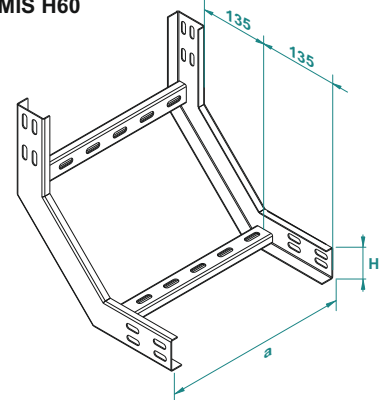


MFDS H60

Quick Fixing Method (without coupler)

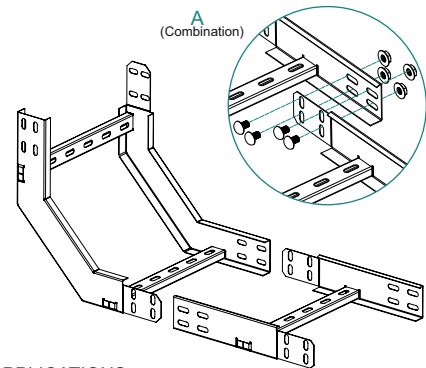


PMIS H60



MFIS H60

Quick Fixing Method (without coupler)



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]: 1.2 | 1.5

Modular Adjustable Cable Ladder Riser

Модулен регулируем щранг за кабелна стълба

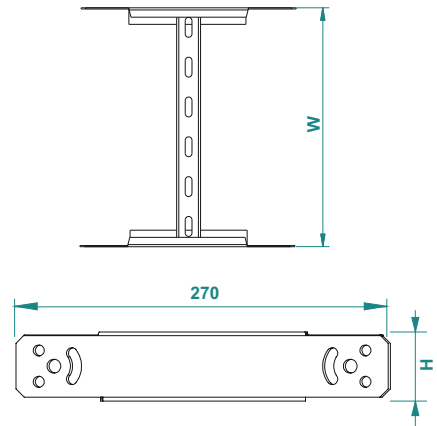


Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

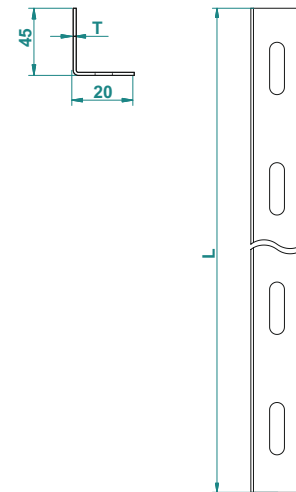
Pre - Galvanised

PMMB ... H60... 1.2mm				PMMB ... H60... 1.5mm			
CODE	Width W a mm	KG 1 pc	pcs	CODE	Width W a mm	KG 1 pc	pcs
PMMB 610 12 PG	100	0.46	1	PMMB 610 15 PG	100	0.58	1
PMMB 615 12 PG	150	0.49	1	PMMB 615 15 PG	150	0.61	1
PMMB 620 12 PG	200	0.51	1	PMMB 620 15 PG	200	0.64	1
PMMB 625 12 PG	250	0.54	1	PMMB 625 15 PG	250	0.68	1
PMMB 630 12 PG	300	0.57	1	PMMB 630 15 PG	300	0.71	1
PMMB 640 12 PG	400	0.62	1	PMMB 640 15 PG	400	0.78	1
PMMB 645 12 PG	450	0.65	1	PMMB 645 15 PG	450	0.81	1
PMMB 650 12 PG	500	0.67	1	PMMB 650 15 PG	500	0.84	1
PMMB 660 12 PG	600	0.72	1	PMMB 660 15 PG	600	0.91	1

PMMB H60



SEP 1 H45



Seperator



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

Pre - Galvanised

SEP 1 ... H45 1.0mm				SEP 1 ... H45 1.5mm			
CODE	Length L mm	KG 1m	pcs	CODE	Length L mm	KG 1m	pcs
SEP 145 10 PG	3000	0.47	1	SEP 145 15 PG	3000	0.69	1

Straight Connector (Coupler)



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

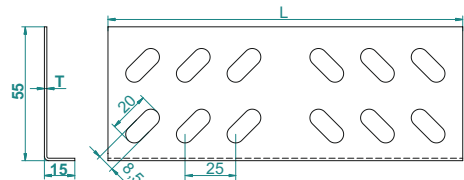
Pre - Galvanised

KBE 2 ... H60 1.2mm				KBE 2 ... H60 1.5mm			
CODE	Length L mm	KG 1pc	pcs	CODE	Length L mm	KG 1 pc	pcs
KBE 260 12 PG	175	0.1	100	KBE 260 15 PG	0.13	0.11	100

Electro - Galvanized

CFS M6				CFS M8			
CODE	Size	Length L mm	KG 1Set	CODE	Size	Length L mm	KG 1Set
CFS M6 EG	M6	15	0,008	CFS M8 EG	M8	15	0,014

KBE 2 H60



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]: 1.2 1.5

Cable Ladder Systems of Side Height H80



ЕНЕРДЖИ ГРУП ООД

Cable Ladder

Кабелна стълба



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

PKM ...	H80...	1.2mm			PKM ...	H80...	1.5mm		
CODE	Width W mm	Length L mm	kg 1 mt	pcs	CODE	Width W mm	Length L mm	kg 1 mt	pcs
PKM 810 12 PG	100	3000	2.06	2	PKM 815 15 PG	100	3000	2.58	2
PKM 815 12 PG	150	3000	2.16	2	PKM 815 15 PG	150	3000	2.70	2
PKM 820 12 PG	200	3000	2.26	2	PKM 820 15 PG	200	3000	2.83	2
PKM 825 12 PG	250	3000	2.36	2	PKM 825 15 PG	250	3000	2.95	2
PKM 830 12 PG	300	3000	2.46	2	PKM 830 15 PG	300	3000	3.07	2
PKM 840 12 PG	400	3000	2.66	2	PKM 840 15 PG	400	3000	3.32	2
PKM 845 12 PG	450	3000	2.76	2	PKM 845 15 PG	450	3000	3.44	2
PKM 850 12 PG	500	3000	2.85	2	PKM 850 15 PG	500	3000	3.57	2
PKM 860 12 PG	600	3000	3.05	2	PKM 860 15 PG	600	3000	3.82	2

Cable Ladder

Кабелна стълба



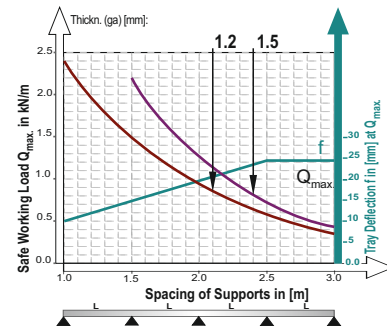
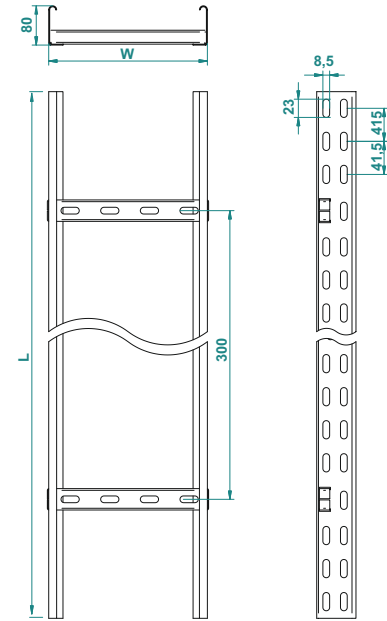
Integrated Type

Important!
To install cable ladder - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FKM ...	H80...	1.2mm			FKM ...	H80...	1.5mm		
CODE	Width W mm	Length L mm	kg 1 mt	pcs	CODE	Width W mm	Length L mm	kg 1 mt	pcs
FKM 810 12 PG	100	3000	2.06	2	FKM 815 15 PG	100	3000	2.58	2
FKM 815 12 PG	150	3000	2.16	2	FKM 815 15 PG	150	3000	2.70	2
FKM 820 12 PG	200	3000	2.26	2	FKM 820 15 PG	200	3000	2.83	2
FKM 825 12 PG	250	3000	2.36	2	FKM 825 15 PG	250	3000	2.95	2
FKM 830 12 PG	300	3000	2.46	2	FKM 830 15 PG	300	3000	3.07	2
FKM 840 12 PG	400	3000	2.66	2	FKM 840 15 PG	400	3000	3.32	2
FKM 845 12 PG	450	3000	2.76	2	FKM 845 15 PG	450	3000	3.44	2
FKM 850 12 PG	500	3000	2.85	2	FKM 850 15 PG	500	3000	3.57	2
FKM 860 12 PG	600	3000	3.05	2	FKM 860 15 PG	600	3000	3.82	2

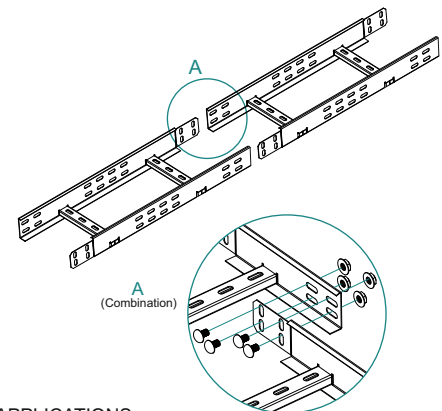
PKM H80



Width	Usable Cross-Section
50	28 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

FKM H80

Quick Fixing Method (without coupler)



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]: 1.2 1.5

90° Horizontal Bend of Cable Ladder

90° Хоризонтална стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PM90 ...	H80...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 810 12 PG	100	1.08	1	
PM90 815 12 PG	150	1.27	1	
PM90 820 12 PG	200	1.46	1	
PM90 825 12 PG	250	1.65	1	
PM90 830 12 PG	300	1.85	1	
PM90 840 12 PG	400	2.23	1	
PM90 845 12 PG	450	2.43	1	
PM90 850 12 PG	500	2.62	1	
PM90 860 12 PG	600	3.00	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 810 15 PG	100	1.35	1	
PM90 815 15 PG	150	1.58	1	
PM90 820 15 PG	200	1.83	1	
PM90 825 15 PG	250	2.07	1	
PM90 830 15 PG	300	2.31	1	
PM90 840 15 PG	400	2.79	1	
PM90 845 15 PG	450	3.04	1	
PM90 850 15 PG	500	3.27	1	
PM90 860 15 PG	600	3.76	1	

Pre - Galvanised

MF90 ...	H80...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 810 12 PG	100	1.08	1	
MF90 815 12 PG	150	1.27	1	
MF90 820 12 PG	200	1.46	1	
MF90 825 12 PG	250	1.65	1	
MF90 830 12 PG	300	1.85	1	
MF90 840 12 PG	400	2.23	1	
MF90 845 12 PG	450	2.43	1	
MF90 850 12 PG	500	2.62	1	
MF90 860 12 PG	600	3.00	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 810 15 PG	100	1.35	1	
MF90 815 15 PG	150	1.58	1	
MF90 820 15 PG	200	1.83	1	
MF90 825 15 PG	250	2.07	1	
MF90 830 15 PG	300	2.31	1	
MF90 840 15 PG	400	2.79	1	
MF90 845 15 PG	450	3.04	1	
MF90 850 15 PG	500	3.27	1	
MF90 860 15 PG	600	3.76	1	

45° Horizontal Bend of Cable Ladder

45° Хоризонтална стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PM45 ...	H80...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 810 12 PG	100	0.96	1	
PM45 815 12 PG	150	1.08	1	
PM45 820 12 PG	200	1.19	1	
PM45 825 12 PG	250	1.30	1	
PM45 830 12 PG	300	1.42	1	
PM45 840 12 PG	400	1.64	1	
PM45 845 12 PG	450	1.75	1	
PM45 850 12 PG	500	1.86	1	
PM45 860 12 PG	600	2.08	1	

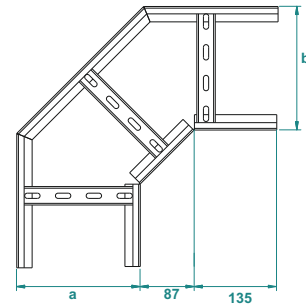
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 810 15 PG	100	1.21	1	
PM45 815 15 PG	150	1.35	1	
PM45 820 15 PG	200	1.49	1	
PM45 825 15 PG	250	1.63	1	
PM45 830 15 PG	300	1.77	1	
PM45 840 15 PG	400	2.04	1	
PM45 845 15 PG	450	2.19	1	
PM45 850 15 PG	500	2.33	1	
PM45 860 15 PG	600	2.60	1	

Pre - Galvanised

MF45 ...	H80...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 810 12 PG	100	0.96	1	
MF45 815 12 PG	150	1.08	1	
MF45 820 12 PG	200	1.19	1	
MF45 825 12 PG	250	1.30	1	
MF45 830 12 PG	300	1.42	1	
MF45 840 12 PG	400	1.64	1	
MF45 845 12 PG	450	1.75	1	
MF45 850 12 PG	500	1.86	1	
MF45 860 12 PG	600	2.08	1	

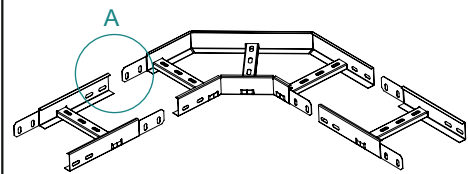
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 810 15 PG	100	1.21	1	
MF45 815 15 PG	150	1.35	1	
MF45 820 15 PG	200	1.49	1	
MF45 825 15 PG	250	1.63	1	
MF45 830 15 PG	300	1.77	1	
MF45 840 15 PG	400	2.04	1	
MF45 845 15 PG	450	2.19	1	
MF45 850 15 PG	500	2.33	1	
MF45 860 15 PG	600	2.60	1	

PM90 H80

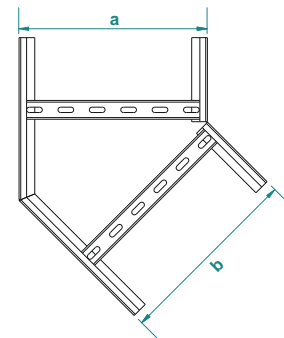


MF90 H80

Quick Fixing Method (without coupler)

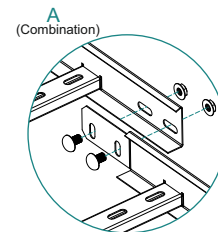
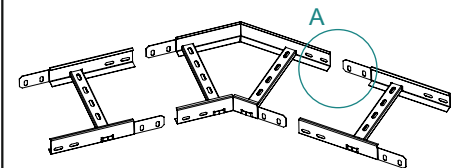


PM45 H80



MF45 H80

Quick Fixing Method (without coupler)



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]: 1.2 1.5

Tee Horizontal Bend of Cable Ladder

T-образно хоризонтално огъване на кабелна стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMT ...	H80...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 810 12 PG	100	1.37	1	
PMT 815 12 PG	150	1.54	1	
PMT 820 12 PG	200	1.70	1	
PMT 825 12 PG	250	2.11	1	
PMT 830 12 PG	300	2.30	1	
PMT 840 12 PG	400	2.99	1	
PMT 845 12 PG	450	3.23	1	
PMT 850 12 PG	500	3.46	1	
PMT 860 12 PG	600	3.92	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 810 15 PG	100	1.66	1	
PMT 815 15 PG	150	1.84	1	
PMT 820 15 PG	200	1.2	1	
PMT 825 15 PG	250	2.44	1	
PMT 830 15 PG	300	2.64	1	
PMT 840 15 PG	400	3.35	1	
PMT 845 15 PG	450	3.60	1	
PMT 850 15 PG	500	3.84	1	
PMT 860 15 PG	600	4.32	1	

Pre - Galvanised

MFT ...	H80...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 810 12 PG	100	1.37	1	
MFT 815 12 PG	150	1.54	1	
MFT 820 12 PG	200	1.70	1	
MFT 825 12 PG	250	2.11	1	
MFT 830 12 PG	300	2.30	1	
MFT 840 12 PG	400	2.99	1	
MFT 845 12 PG	450	3.23	1	
MFT 850 12 PG	500	3.46	1	
MFT 860 12 PG	600	3.92	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 810 15 PG	100	1.66	1	
MFT 815 15 PG	150	1.84	1	
MFT 820 15 PG	200	1.2	1	
MFT 825 15 PG	250	2.44	1	
MFT 830 15 PG	300	2.64	1	
MFT 840 15 PG	400	3.35	1	
MFT 845 15 PG	450	3.60	1	
MFT 850 15 PG	500	3.84	1	
MFT 860 15 PG	600	4.32	1	

Cross Bend of Cable Ladder

Напречно огъване на кабелна стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMD...	H80...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 810 12 PG	100	1.67	1	
PMD 815 12 PG	150	1.82	1	
PMD 820 12 PG	200	1.97	1	
PMD 825 12 PG	250	2.38	1	
PMD 830 12 PG	300	2.56	1	
PMD 840 12 PG	400	2.93	1	
PMD 845 12 PG	450	3.53	1	
PMD 850 12 PG	500	3.75	1	
PMD 860 12 PG	600	4.19	1	

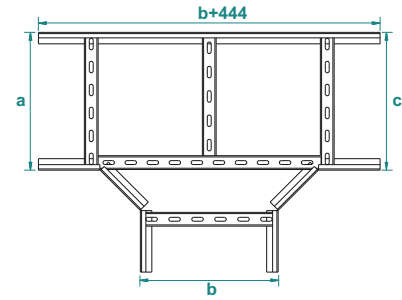
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 810 15 PG	100	2.02	1	
PMD 815 15 PG	150	2.17	1	
PMD 820 15 PG	200	2.32	1	
PMD 825 15 PG	250	2.73	1	
PMD 830 15 PG	300	2.91	1	
PMD 840 15 PG	400	3.29	1	
PMD 845 15 PG	450	3.88	1	
PMD 850 15 PG	500	4.10	1	
PMD 860 15 PG	600	4.55	1	

Pre - Galvanised

MFD...	H80...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 810 12 PG	100	1.67	1	
MFD 815 12 PG	150	1.82	1	
MFD 820 12 PG	200	1.97	1	
MFD 825 12 PG	250	2.38	1	
MFD 830 12 PG	300	2.56	1	
MFD 840 12 PG	400	2.93	1	
MFD 845 12 PG	450	3.53	1	
MFD 850 12 PG	500	3.75	1	
MFD 860 12 PG	600	4.19	1	

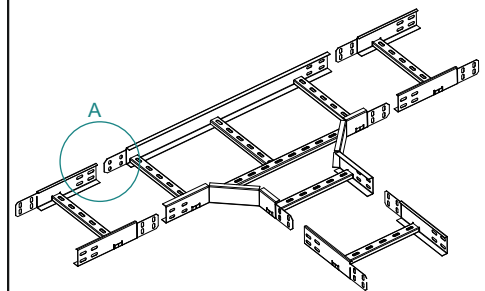
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 810 15 PG	100	2.02	1	
MFD 815 15 PG	150	2.17	1	
MFD 820 15 PG	200	2.32	1	
MFD 825 15 PG	250	2.73	1	
MFD 830 15 PG	300	2.91	1	
MFD 840 15 PG	400	3.29	1	
MFD 845 15 PG	450	3.88	1	
MFD 850 15 PG	500	4.10	1	
MFD 860 15 PG	600	4.55	1	

PMT H80

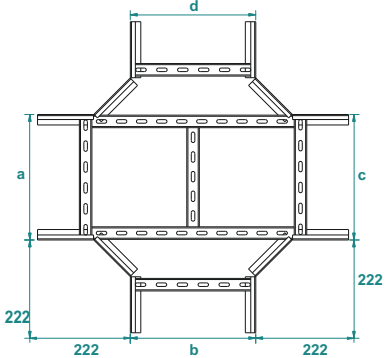


MFT H80

Quick Fixing Method (without coupler)

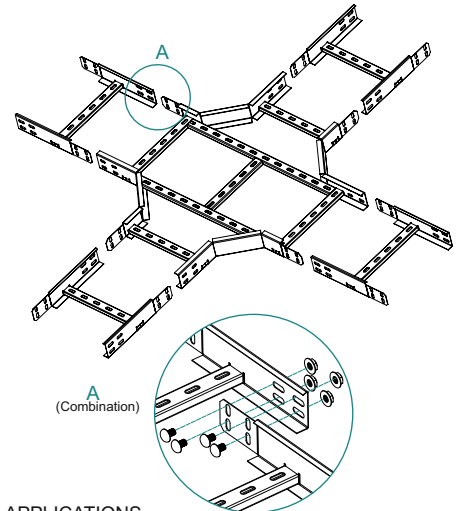


PMD H80



MFD H80

Quick Fixing Method (without coupler)



APPLICATIONS
Cable routing

MATERIAL

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

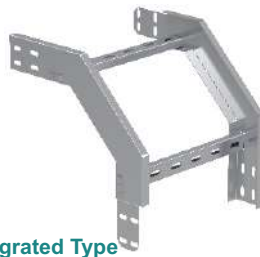
Available finishes:

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]: **1.2 | 1.5**

Vertical 90° Outside Bend of Cable Ladder (Stable)

Вертикално 90° външно огъване на кабелна стълба (стабилна)



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMDS ...	H80...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMDS 810 12 PG	100	1.29	1	
PMDS 815 12 PG	150	1.38	1	
PMDS 820 12 PG	200	1.47	1	
PMDS 825 12 PG	250	1.56	1	
PMDS 830 12 PG	300	1.65	1	
PMDS 840 12 PG	400	2.11	1	
PMDS 845 12 PG	450	2.20	1	
PMDS 850 12 PG	500	2.29	1	
PMDS 860 12 PG	600	2.46	1	

Pre - Galvanised

MFDS ...	H80...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFDS 810 12 PG	100	1.29	1	
MFDS 815 12 PG	150	1.38	1	
MFDS 820 12 PG	200	1.47	1	
MFDS 825 12 PG	250	1.56	1	
MFDS 830 12 PG	300	1.65	1	
MFDS 840 12 PG	400	2.11	1	
MFDS 845 12 PG	450	2.20	1	
MFDS 850 12 PG	500	2.29	1	
MFDS 860 12 PG	600	2.46	1	

PMDS ...	H80...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMDS 810 15 PG	100	1.62	1	
PMDS 815 15 PG	150	1.73	1	
PMDS 820 15 PG	200	1.84	1	
PMDS 825 15 PG	250	1.95	1	
PMDS 830 15 PG	300	2.06	1	
PMDS 840 15 PG	400	2.64	1	
PMDS 845 15 PG	450	2.75	1	
PMDS 850 15 PG	500	2.86	1	
PMDS 860 15 PG	600	3.08	1	

MFDS ...	H80...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFDS 810 15 PG	100	1.62	1	
MFDS 815 15 PG	150	1.73	1	
MFDS 820 15 PG	200	1.84	1	
MFDS 825 15 PG	250	1.95	1	
MFDS 830 15 PG	300	2.06	1	
MFDS 840 15 PG	400	2.64	1	
MFDS 845 15 PG	450	2.75	1	
MFDS 850 15 PG	500	2.86	1	
MFDS 860 15 PG	600	3.08	1	

Vertical 90° Inside Bend of Cable Ladder (Stable)

Вертикално 90° вътрешно огъване на кабелна стълба (стабилна)



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMIS...	H80...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMIS 810 12 PG	100	1.29	1	
PMIS 815 12 PG	150	1.38	1	
PMIS 820 12 PG	200	1.47	1	
PMIS 825 12 PG	250	1.56	1	
PMIS 830 12 PG	300	1.65	1	
PMIS 840 12 PG	400	2.11	1	
PMIS 845 12 PG	450	2.20	1	
PMIS 850 12 PG	500	2.29	1	
PMIS 860 12 PG	600	2.46	1	

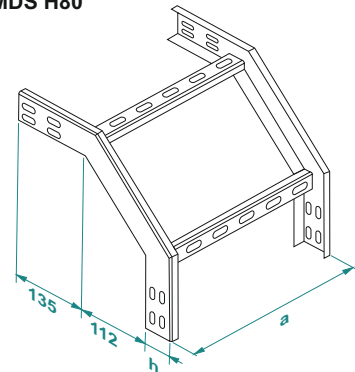
Pre - Galvanised

MFIS...	H80...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFIS 810 12 PG	100	1.29	1	
MFIS 815 12 PG	150	1.38	1	
MFIS 820 12 PG	200	1.47	1	
MFIS 825 12 PG	250	1.56	1	
MFIS 830 12 PG	300	1.65	1	
MFIS 840 12 PG	400	2.11	1	
MFIS 845 12 PG	450	2.20	1	
MFIS 850 12 PG	500	2.29	1	
MFIS 860 12 PG	600	2.46	1	

PMIS...	H80...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMIS 810 15 PG	100	1.62	1	
PMIS 815 15 PG	150	1.73	1	
PMIS 820 15 PG	200	1.84	1	
PMIS 825 15 PG	250	1.95	1	
PMIS 830 15 PG	300	2.06	1	
PMIS 840 15 PG	400	2.64	1	
PMIS 845 15 PG	450	2.75	1	
PMIS 850 15 PG	500	2.86	1	
PMIS 860 15 PG	600	3.08	1	

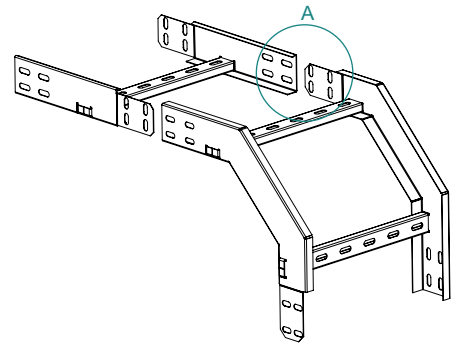
MFIS...	H80...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
MFIS 810 15 PG	100	1.62	1	
MFIS 815 15 PG	150	1.73	1	
MFIS 820 15 PG	200	1.84	1	
MFIS 825 15 PG	250	1.95	1	
MFIS 830 15 PG	300	2.06	1	
MFIS 840 15 PG	400	2.64	1	
MFIS 845 15 PG	450	2.75	1	
MFIS 850 15 PG	500	2.86	1	
MFIS 860 15 PG	600	3.08	1	

PMDS H80

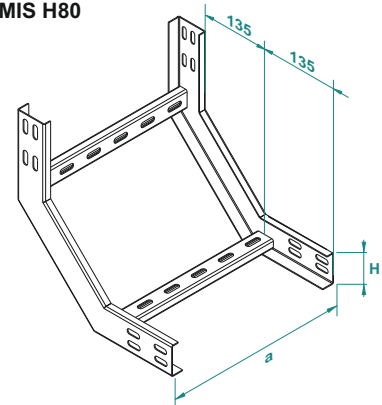


MFDS H80

Quick Fixing Method (without coupler)

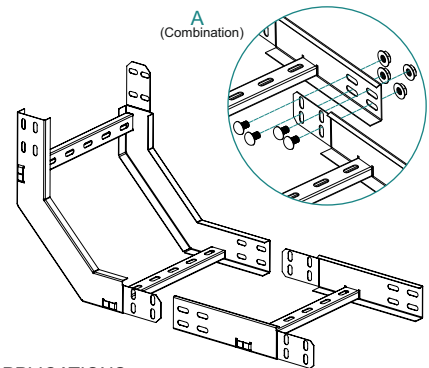


PMIS H80



MFIS H80

Quick Fixing Method (without coupler)



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]: **1.2 1.5**

Modular Adjustable Cable Ladder Riser

Модулен регулируем щранг за кабелна стълба.



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

Pre - Galvanised

PMMB ...	H80...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 810 12 PG	100	0.62	1	
PMMB 815 12 PG	150	0.65	1	
PMMB 820 12 PG	200	0.68	1	
PMMB 825 12 PG	250	0.71	1	
PMMB 830 12 PG	300	0.74	1	
PMMB 840 12 PG	400	0.80	1	
PMMB 845 12 PG	450	0.83	1	
PMMB 850 12 PG	500	0.85	1	
PMMB 860 12 PG	600	0.91	1	

PMMB ...	H80...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 810 15 PG	100	0.78	1	
PMMB 815 15 PG	150	0.81	1	
PMMB 820 15 PG	200	0.85	1	
PMMB 825 15 PG	250	0.89	1	
PMMB 830 15 PG	300	0.92	1	
PMMB 840 15 PG	400	1.00	1	
PMMB 845 15 PG	450	1.04	1	
PMMB 850 15 PG	500	1.07	1	
PMMB 860 15 PG	600	1.15	1	

Separator



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

Pre - Galvanised

SEP 1 ... H65	1.0mm		
CODE	Length L mm	kg 1m	pcs
SEP 165 10 PG	3000	0.60	1

SEP 1 ... H65	1.5mm		
CODE	Length L mm	kg 1m	pcs
SEP 165 15 PG	3000	0.91	1

Straight Connector (Coupler)



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

Pre - Galvanised

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

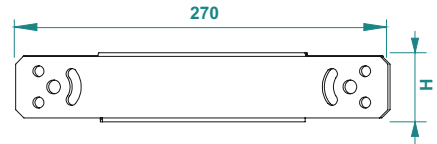
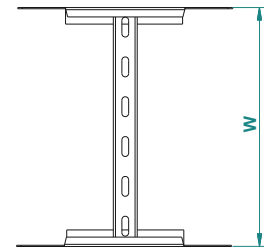
KBE 2 ... H80	1.5mm		
CODE	Length L mm	kg 1 pc	pcs
KBE 280 15 PG	0.15	0.11	100

Electro - Galvanized

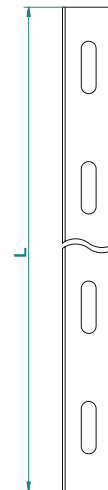
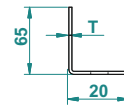
CFS M6	M6		
CODE	Size mm	Length L mm	kg 1Set
CFS M6 EG	M6	15	0.008

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

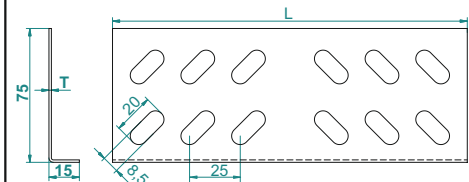
PMMB H80



SEP 1 H65



KBE 2 H80



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)

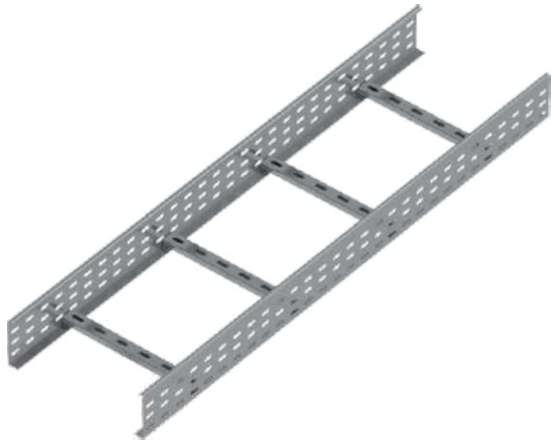
SS- stainless steel AISI 304L and AISI 316L (SS)

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

Thickn. (ga) [mm]: 1.2 1.5

Cable Ladder

Кабелна стълба



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

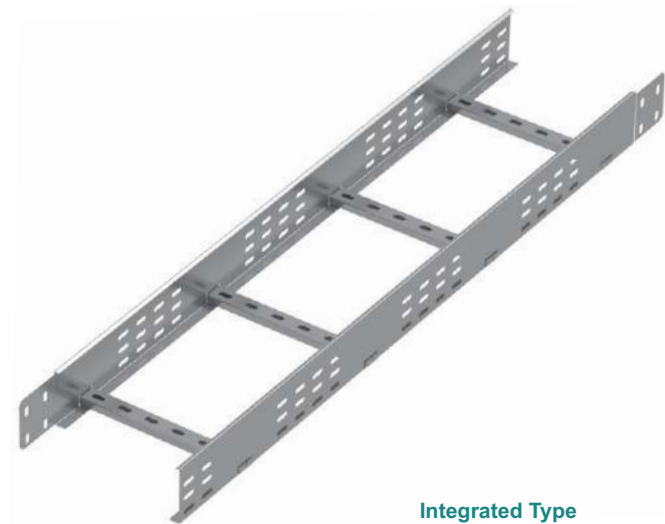
Pre - Galvanised

PKM ...	H100...	1.2mm		
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
PKM 110 12 PG	100	3000	2.40	2
PKM 115 12 PG	150	3000	2.50	2
PKM 120 12 PG	200	3000	2.60	2
PKM 125 12 PG	250	3000	2.70	2
PKM 130 12 PG	300	3000	2.80	2
PKM 140 12 PG	400	3000	3.00	2
PKM 145 12 PG	450	3000	3.09	2
PKM 150 12 PG	500	3000	3.19	2
PKM 160 12 PG	600	3000	3.39	2

PKM ...	H100...	1.5mm		
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
PKM 110 15 PG	100	3000	3.00	2
PKM 115 15 PG	150	3000	3.13	2
PKM 120 15 PG	200	3000	3.25	2
PKM 125 15 PG	250	3000	3.37	2
PKM 130 15 PG	300	3000	3.50	2
PKM 140 15 PG	400	3000	3.74	2
PKM 145 15 PG	450	3000	3.87	2
PKM 150 15 PG	500	3000	3.99	2
PKM 160 15 PG	600	3000	4.24	2

Cable Ladder

Кабелна стълба



Integrated Type

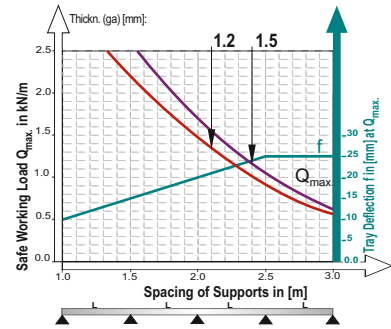
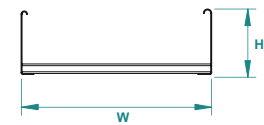
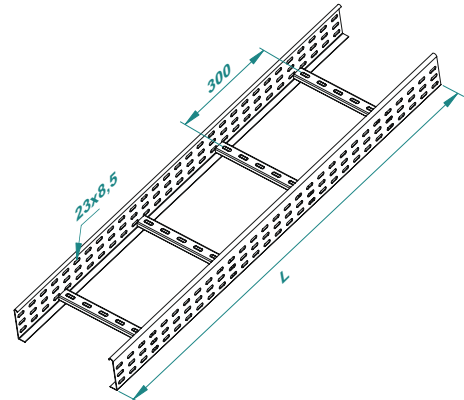
Important!
To install cable ladder - straight use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

FKM ...	H100...	1.2mm		
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
FKM 110 12 PG	100	3000	2.40	2
FKM 115 12 PG	150	3000	2.50	2
FKM 120 12 PG	200	3000	2.60	2
FKM 125 12 PG	250	3000	2.70	2
FKM 130 12 PG	300	3000	2.80	2
FKM 140 12 PG	400	3000	3.00	2
FKM 145 12 PG	450	3000	3.09	2
FKM 150 12 PG	500	3000	3.19	2
FKM 160 12 PG	600	3000	3.39	2

FKM ...	H100...	1.5mm		
CODE	Width W mm	Length L mm	Kg 1 mt	pcs
FKM 110 15 PG	100	3000	3.00	2
FKM 115 15 PG	150	3000	3.13	2
FKM 120 15 PG	200	3000	3.25	2
FKM 125 15 PG	250	3000	3.37	2
FKM 130 15 PG	300	3000	3.50	2
FKM 140 15 PG	400	3000	3.74	2
FKM 145 15 PG	450	3000	3.87	2
FKM 150 15 PG	500	3000	3.99	2
FKM 160 15 PG	600	3000	4.24	2

PKM H100



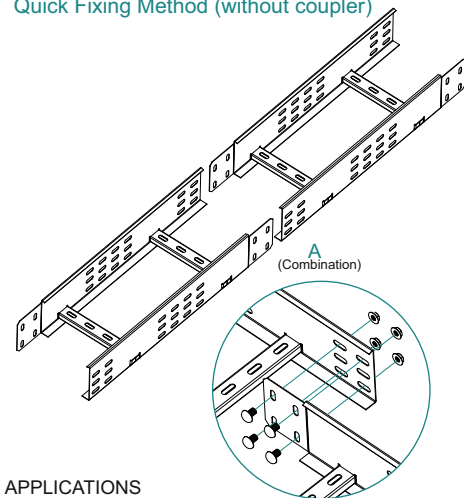
This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safely co-efficient = 1.5

Width	Usable Cross-Section
50	28 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

FKM H100

Quick Fixing Method (without coupler)



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]: 1.2 1.5

90° Horizontal Bend of Cable Ladder

90° Хоризонтална стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PM90 ...	H100...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 110 12 PG	100	1.24	1	
PM90 115 12 PG	150	1.46	1	
PM90 120 12 PG	200	1.66	1	
PM90 125 12 PG	250	1.88	1	
PM90 130 12 PG	300	2.09	1	
PM90 140 12 PG	400	2.51	1	
PM90 145 12 PG	450	2.73	1	
PM90 150 12 PG	500	2.93	1	
PM90 160 12 PG	600	3.36	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 110 15 PG	100	1.55	1	
PM90 115 15 PG	150	1.82	1	
PM90 120 15 PG	200	2.08	1	
PM90 125 15 PG	250	2.35	1	
PM90 130 15 PG	300	2.61	1	
PM90 140 15 PG	400	3.14	1	
PM90 145 15 PG	450	3.40	1	
PM90 150 15 PG	500	3.67	1	
PM90 160 15 PG	600	4.20	1	

Integrated Type

Important!

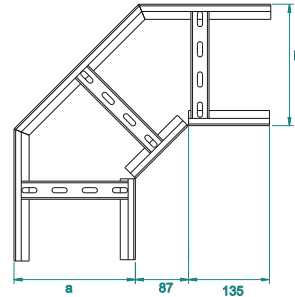
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

MF90 ...	H100...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 110 12 PG	100	1.24	1	
MF90 115 12 PG	150	1.46	1	
MF90 120 12 PG	200	1.66	1	
MF90 125 12 PG	250	1.88	1	
MF90 130 12 PG	300	2.09	1	
MF90 140 12 PG	400	2.51	1	
MF90 145 12 PG	450	2.73	1	
MF90 150 12 PG	500	2.93	1	
MF90 160 12 PG	600	3.36	1	

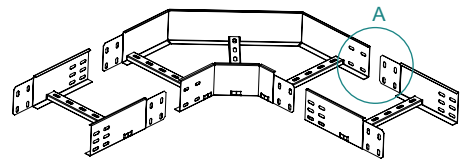
		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF90 110 15 PG	100	1.55	1	
MF90 115 15 PG	150	1.82	1	
MF90 120 15 PG	200	2.08	1	
MF90 125 15 PG	250	2.35	1	
MF90 130 15 PG	300	2.61	1	
MF90 140 15 PG	400	3.14	1	
MF90 145 15 PG	450	3.40	1	
MF90 150 15 PG	500	3.67	1	
MF90 160 15 PG	600	4.20	1	

PM90 H100

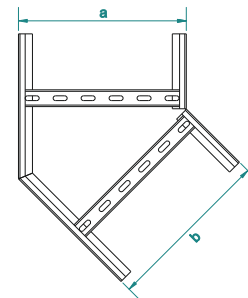


MF90 H100

Quick Fixing Method (without coupler)

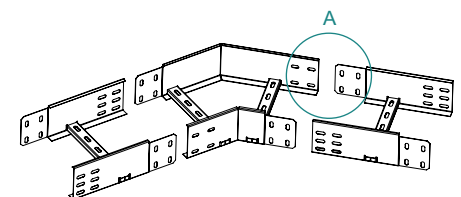


PM45 H100

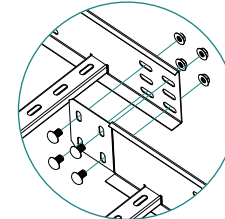


MF45 H100

Quick Fixing Method (without coupler)



(Combination)



45° Horizontal Bend of Cable Ladder

45° Хоризонтална стълба.



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PM45 ...	H100...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 110 12 PG	100	1.13	1	
PM45 115 12 PG	150	1.24	1	
PM45 120 12 PG	200	1.36	1	
PM45 125 12 PG	250	1.48	1	
PM45 130 12 PG	300	1.61	1	
PM45 140 12 PG	400	1.85	1	
PM45 145 12 PG	450	1.97	1	
PM45 150 12 PG	500	2.09	1	
PM45 160 12 PG	600	2.33	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 110 15 PG	100	1.41	1	
PM45 115 15 PG	150	1.55	1	
PM45 120 15 PG	200	1.71	1	
PM45 125 15 PG	250	1.86	1	
PM45 130 15 PG	300	2.01	1	
PM45 140 15 PG	400	2.31	1	
PM45 145 15 PG	450	2.46	1	
PM45 150 15 PG	500	2.61	1	
PM45 160 15 PG	600	2.92	1	

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

MF45 ...	H100...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 110 12 PG	100	1.13	1	
MF45 115 12 PG	150	1.24	1	
MF45 120 12 PG	200	1.36	1	
MF45 125 12 PG	250	1.48	1	
MF45 130 12 PG	300	1.61	1	
MF45 140 12 PG	400	1.85	1	
MF45 145 12 PG	450	1.97	1	
MF45 150 12 PG	500	2.09	1	
MF45 160 12 PG	600	2.33	1	

		1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
MF45 110 15 PG	100	1.41	1	
MF45 115 15 PG	150	1.55	1	
MF45 120 15 PG	200	1.71	1	
MF45 125 15 PG	250	1.86	1	
MF45 130 15 PG	300	2.01	1	
MF45 140 15 PG	400	2.31	1	
MF45 145 15 PG	450	2.46	1	
MF45 150 15 PG	500	2.61	1	
MF45 160 15 PG	600	2.92	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]: 1.2 | 1.5

Tee Horizontal Bend of Cable Ladder

T-образно хоризонтално огъване на кабелна стълба.



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMT ...	H100...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 110 12 PG	100	1.59	1	
PMT 115 12 PG	150	1.76	1	
PMT 120 12 PG	200	1.92	1	
PMT 125 12 PG	250	2.35	1	
PMT 130 12 PG	300	2.55	1	
PMT 140 12 PG	400	3.25	1	
PMT 145 12 PG	450	3.50	1	
PMT 150 12 PG	500	3.74	1	
PMT 160 12 PG	600	4.22	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
PMT 110 15 PG	100	1.93	1	
PMT 115 15 PG	150	2.11	1	
PMT 120 15 PG	200	2.29	1	
PMT 125 15 PG	250	2.73	1	
PMT 130 15 PG	300	2.94	1	
PMT 140 15 PG	400	3.68	1	
PMT 145 15 PG	450	3.93	1	
PMT 150 15 PG	500	4.19	1	
PMT 160 15 PG	600	4.69	1	

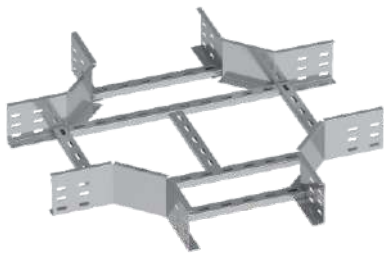
Pre - Galvanised

MFT ...	H100...	1.2mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 110 12 PG	100	1.59	1	
MFT 115 12 PG	150	1.76	1	
MFT 120 12 PG	200	1.92	1	
MFT 125 12 PG	250	2.35	1	
MFT 130 12 PG	300	2.55	1	
MFT 140 12 PG	400	3.25	1	
MFT 145 12 PG	450	3.50	1	
MFT 150 12 PG	500	3.74	1	
MFT 160 12 PG	600	4.22	1	

		1.5mm		
CODE	Width W a=b=c	kg 1 pc	pcs	
MFT 110 15 PG	100	1.93	1	
MFT 115 15 PG	150	2.11	1	
MFT 120 15 PG	200	2.29	1	
MFT 125 15 PG	250	2.73	1	
MFT 130 15 PG	300	2.94	1	
MFT 140 15 PG	400	3.68	1	
MFT 145 15 PG	450	3.93	1	
MFT 150 15 PG	500	4.19	1	
MFT 160 15 PG	600	4.69	1	

Cross Bend of Cable Ladder

Напречно огъване на кабелна стълба



Important!

Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Integrated Type

Important!

To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

PMD...	H100...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 110 12 PG	100	1.93	1	
PMD 115 12 PG	150	2.07	1	
PMD 120 12 PG	200	2.22	1	
PMD 125 12 PG	250	2.63	1	
PMD 130 12 PG	300	2.82	1	
PMD 140 12 PG	400	3.19	1	
PMD 145 12 PG	450	3.78	1	
PMD 150 12 PG	500	4.00	1	
PMD 160 12 PG	600	4.45	1	

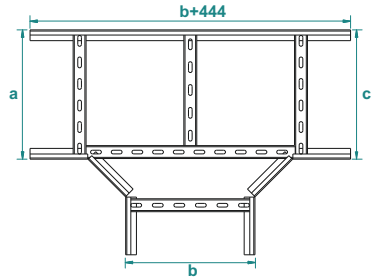
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
PMD 110 15 PG	100	2.34	1	
PMD 115 15 PG	150	2.49	1	
PMD 120 15 PG	200	2.64	1	
PMD 125 15 PG	250	3.04	1	
PMD 130 15 PG	300	3.23	1	
PMD 140 15 PG	400	3.60	1	
PMD 145 15 PG	450	4.19	1	
PMD 150 15 PG	500	4.42	1	
PMD 160 15 PG	600	4.86	1	

Pre - Galvanised

MFD...	H100...	1.2mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 110 12 PG	100	1.93	1	
MFD 115 12 PG	150	2.07	1	
MFD 120 12 PG	200	2.22	1	
MFD 125 12 PG	250	2.63	1	
MFD 130 12 PG	300	2.82	1	
MFD 140 12 PG	400	3.19	1	
MFD 145 12 PG	450	3.78	1	
MFD 150 12 PG	500	4.00	1	
MFD 160 12 PG	600	4.45	1	

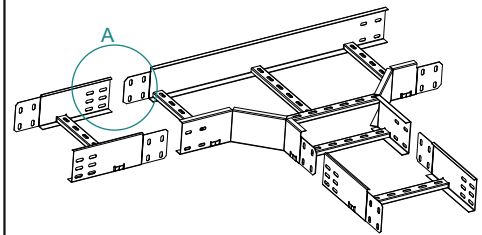
		1.5mm		
CODE	Width W a=b=c=d	kg 1 pc	pcs	
MFD 110 15 PG	100	2.34	1	
MFD 115 15 PG	150	2.49	1	
MFD 120 15 PG	200	2.64	1	
MFD 125 15 PG	250	3.04	1	
MFD 130 15 PG	300	3.23	1	
MFD 140 15 PG	400	3.60	1	
MFD 145 15 PG	450	4.19	1	
MFD 150 15 PG	500	4.42	1	
MFD 160 15 PG	600	4.86	1	

PMT H100

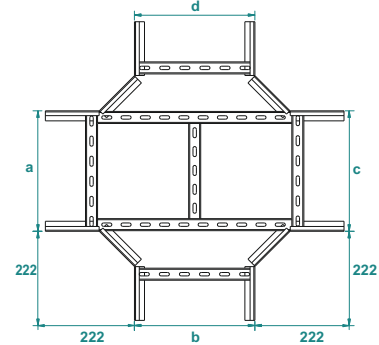


MFT H100

Quick Fixing Method (without coupler)

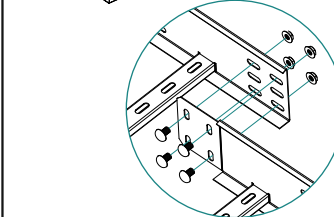
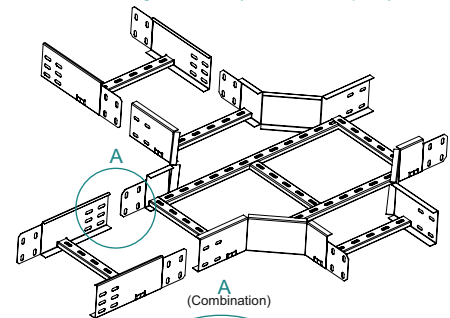


PMD H100



MFD H100

Quick Fixing Method (without coupler)



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]: **1.2 1.5**

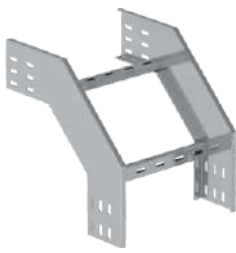
Cable Ladder Systems of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Vertical 90° Outside Bend of Cable Ladder (Stable)

Вертикално 90° външно огъване на кабелна стълба (стабилна)



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

Pre - Galvanised

PMDS ...	H100...	1.2mm		
CODE	Width W a mm	Kg 1 pc	pcs	
PMDS 110 12 PG	100	1.50	1	
PMDS 115 12 PG	150	1.59	1	
PMDS 120 12 PG	200	1.68	1	
PMDS 125 12 PG	250	1.77	1	
PMDS 130 12 PG	300	1.86	1	
PMDS 140 12 PG	400	2.37	1	
PMDS 145 12 PG	450	2.46	1	
PMDS 150 12 PG	500	2.55	1	
PMDS 160 12 PG	600	2.72	1	

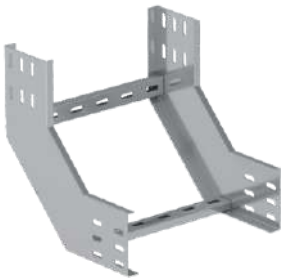
		1.5mm		
CODE	Width W a mm	Kg 1 pc	pcs	
PMDS 110 15 PG	100	1.88	1	
PMDS 115 15 PG	150	1.99	1	
PMDS 120 15 PG	200	2.10	1	
PMDS 125 15 PG	250	2.21	1	
PMDS 130 15 PG	300	2.32	1	
PMDS 140 15 PG	400	2.96	1	
PMDS 145 15 PG	450	3.07	1	
PMDS 150 15 PG	500	3.18	1	
PMDS 160 15 PG	600	3.41	1	

MFDS ...	H100...	1.2mm		
CODE	Width W a mm	Kg 1 pc	pcs	
MFDS 110 12 PG	100	1.50	1	
MFDS 115 12 PG	150	1.59	1	
MFDS 120 12 PG	200	1.68	1	
MFDS 125 12 PG	250	1.77	1	
MFDS 130 12 PG	300	1.86	1	
MFDS 140 12 PG	400	2.37	1	
MFDS 145 12 PG	450	2.46	1	
MFDS 150 12 PG	500	2.55	1	
MFDS 160 12 PG	600	2.72	1	

		1.5mm		
CODE	Width W a mm	Kg 1 pc	pcs	
MFDS 110 15 PG	100	1.88	1	
MFDS 115 15 PG	150	1.99	1	
MFDS 120 15 PG	200	2.10	1	
MFDS 125 15 PG	250	2.21	1	
MFDS 130 15 PG	300	2.32	1	
MFDS 140 15 PG	400	2.96	1	
MFDS 145 15 PG	450	3.07	1	
MFDS 150 15 PG	500	3.18	1	
MFDS 160 15 PG	600	3.41	1	

Vertical 90° Inside Bend of Cable Ladder (Stable)

Вертикално 90° вътрешно огъване на кабелна стълба (стабилна).



Integrated Type

Important!
Joining cable tray sections together only through the use of couplers and Screw Sets CFS M6 or CFS M8

Important!
To instal cable tray - bend use Screw Sets CFS M6 OR CFS M8

Pre - Galvanised

Pre - Galvanised

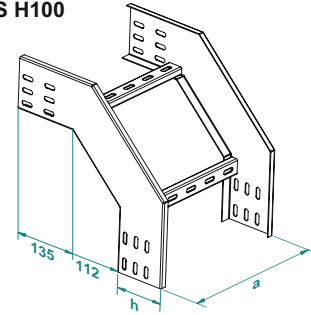
PMIS...	H100...	1.2mm		
CODE	Width W a=b	Kg 1 pc	pcs	
PMIS 110 12 PG	100	1.50	1	
PMIS 115 12 PG	150	1.59	1	
PMIS 120 12 PG	200	1.68	1	
PMIS 125 12 PG	250	1.77	1	
PMIS 130 12 PG	300	1.86	1	
PMIS 140 12 PG	400	2.37	1	
PMIS 145 12 PG	450	2.46	1	
PMIS 150 12 PG	500	2.55	1	
PMIS 160 12 PG	600	2.72	1	

		1.5mm		
CODE	Width W a=b	Kg 1 pc	pcs	
PMIS 110 15 PG	100	1.88	1	
PMIS 115 15 PG	150	1.99	1	
PMIS 120 15 PG	200	2.10	1	
PMIS 125 15 PG	250	2.21	1	
PMIS 130 15 PG	300	2.32	1	
PMIS 140 15 PG	400	2.96	1	
PMIS 145 15 PG	450	3.07	1	
PMIS 150 15 PG	500	3.18	1	
PMIS 160 15 PG	600	3.41	1	

MFIS...	H100...	1.2mm		
CODE	Width W a=b	Kg 1 pc	pcs	
MFIS 110 12 PG	100	1.50	1	
MFIS 115 12 PG	150	1.59	1	
MFIS 120 12 PG	200	1.68	1	
MFIS 125 12 PG	250	1.77	1	
MFIS 130 12 PG	300	1.86	1	
MFIS 140 12 PG	400	2.37	1	
MFIS 145 12 PG	450	2.46	1	
MFIS 150 12 PG	500	2.55	1	
MFIS 160 12 PG	600	2.72	1	

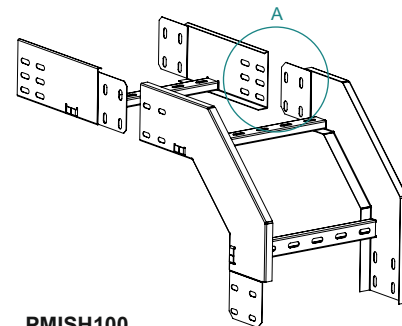
		1.5mm		
CODE	Width W a=b	Kg 1 pc	pcs	
MFIS 110 15 PG	100	1.88	1	
MFIS 115 15 PG	150	1.99	1	
MFIS 120 15 PG	200	2.10	1	
MFIS 125 15 PG	250	2.21	1	
MFIS 130 15 PG	300	2.32	1	
MFIS 140 15 PG	400	2.96	1	
MFIS 145 15 PG	450	3.07	1	
MFIS 150 15 PG	500	3.18	1	
MFIS 160 15 PG	600	3.41	1	

PMDS H100

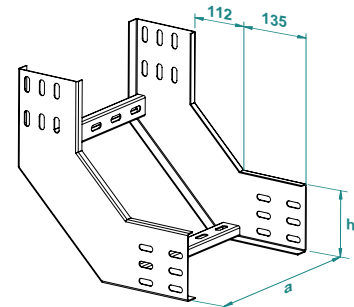


PMDS H100

Quick Fixing Method (without coupler)

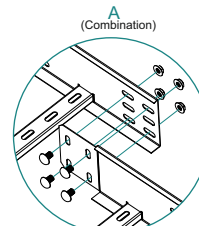
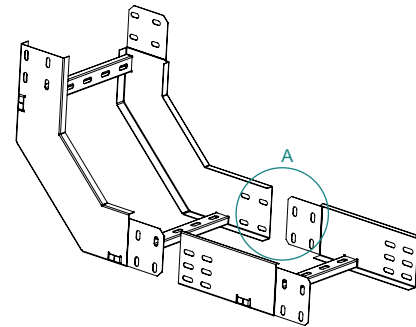


PMISH100



PMDS H100

Quick Fixing Method (without coupler)



APPLICATIONS

Cable routing

MATERIAL

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

Available finishes:

HDC-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]: **1.2 | 1.5**

Cable Ladder Systems of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Modular Adjustable Cable Ladder Riser

Модулен регулируем щранг за кабелна стълба



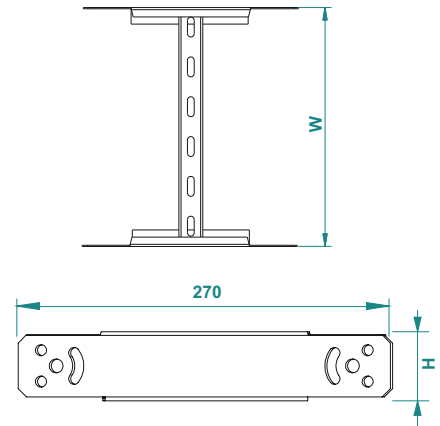
Important!
To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PMMB ...	H100...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 110 12 PG	100	0.72	1	
PMMB 115 12 PG	150	0.75	1	
PMMB 120 12 PG	200	0.78	1	
PMMB 125 12 PG	250	0.81	1	
PMMB 130 12 PG	300	0.84	1	
PMMB 140 12 PG	400	0.89	1	
PMMB 145 12 PG	450	0.92	1	
PMMB 150 12 PG	500	0.95	1	
PMMB 160 12 PG	600	1.01	1	

PMMB ...	H100...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 110 15 PG	100	0.90	1	
PMMB 115 15 PG	150	0.94	1	
PMMB 120 15 PG	200	0.98	1	
PMMB 125 15 PG	250	1.01	1	
PMMB 130 15 PG	300	1.05	1	
PMMB 140 15 PG	400	1.12	1	
PMMB 145 15 PG	450	1.16	1	
PMMB 150 15 PG	500	1.20	1	
PMMB 160 15 PG	600	1.27	1	

PMMB H100



Seperator



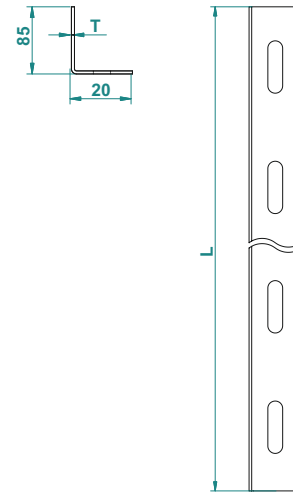
To Install Seperator use CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

SEP 1 ... H85	1.0mm		
CODE	Length L mm	kg 1m	pcs
SEP 185 10 PG	3000	0.75	1

SEP 1 ... H85	1.5mm		
CODE	Length L mm	kg 1m	pcs
SEP 185 15 PG	3000	1.12	1

SEP 1 H85



Straight Connector (Coupler)



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

Pre - Galvanised

KBE 2 ... H100	1.2mm		
CODE	Length L mm	kg 1pc	pcs
KBE 210 12 PG	175	0.14	100

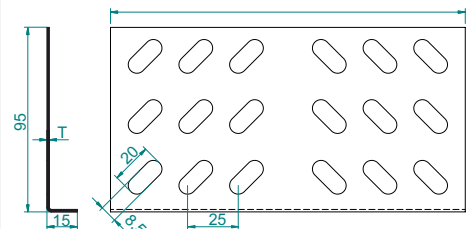
KBE 2 ... H100	1.5mm		
CODE	Length L mm	kg 1 pc	pcs
KBE 210 15 PG	0,15	0.18	100

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

KBE 2 H100



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]: **1.2 | 1.5**

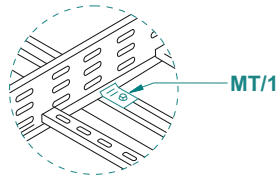
Cable Ladder Systems of Side Height H100



ЕНЕРДЖИ ГРУП ООД

Fixing Unit for Cable Ladder

Фиксиращ модул за кабелна стълба



Pre - Galvanized

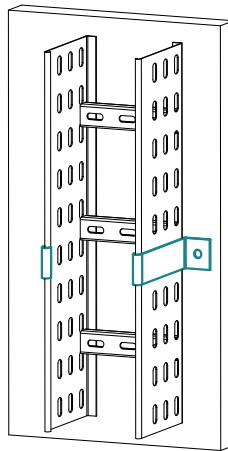
MT/1		3.0mm		
CODE	Size h mm	Thickness T mm	kg ad/pc	pcs
MT/1 PG	35x50	3,0	0,040	100

Hot Dip Galvanized

MT/1		3.0mm		
CODE	Size h mm	Thickness T mm	kg ad/pc	pcs
MT/1 HDG	35x50	3,0	0,040	100

Fixing Unit for Cable Ladder

Фиксиращ модул за кабелна стълба

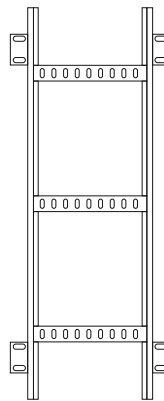


Hot-Dip Galvanized

MT/2 ...		1.5mm		
CODE	Height h mm	Fixing Hole D mm	kg 1m	pcs
MT/2 50 HDG	55	11	0.08	100
MT/2 60 HDG	65	11	0.09	100
MT/2 75 HDG	75	11	0.10	100
MT/2 80 HDG	85	11	0.11	100
MT/2 10 HDG	105	11	0.12	100
MT/2 12 HDG	130	11	0.13	100
MT/2 15 HDG	155	11	0.14	100

Wall Fixing Bracket

Скоба за фиксиране на стена

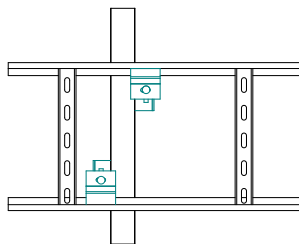


Pre - Galvanized

DKE				
CODE	Height H mm	Length L mm	kg 1 pc	pcs
DKE 90 PG	90	70	0.14	1

Beam Fixing Unit For Cable Ladder (Set)

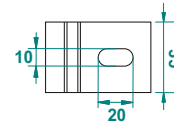
Фиксиращ елемент за греда за кабелна стълба (Комплект)



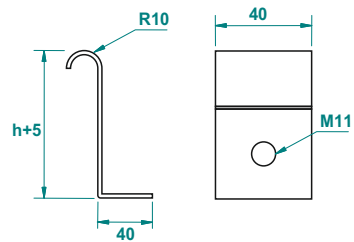
Stainless Steel - AISI 304L

MT/3		2.0mm		
CODE	Bolt Metric mm	Thickness T mm	kg ad/pc	pcs
MT/3 S4	M6x30	2,0	0,12	100

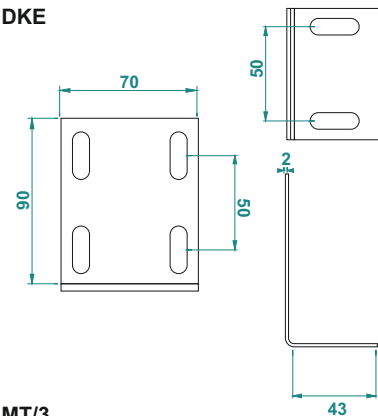
MT/1



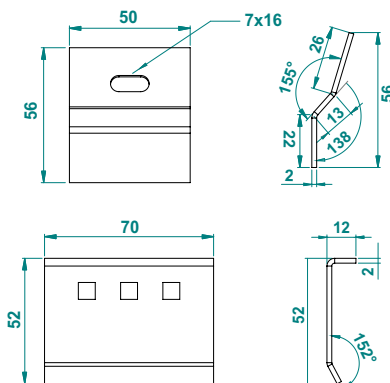
MT/2



DKE



MT/3



APPLICATIONS

Cable routing

MATERIAL

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

Available finishes:

Steel, strip-galv. acc. to the Sendzimir method

to TS-EN 10346:2011 (PG)






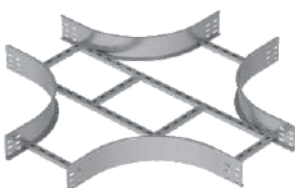
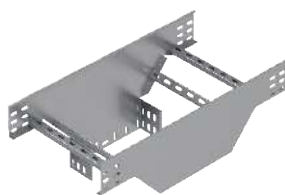
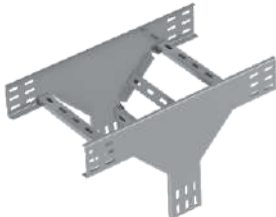


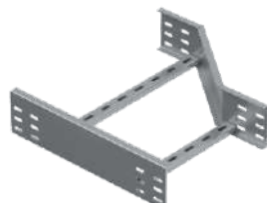




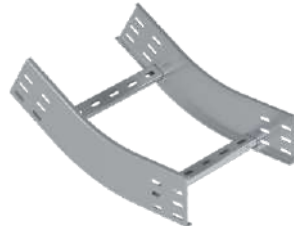




SS- stainless steel AISI 304L and AISI 316L (SS)

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

Thickn. (ga) [mm]: 1.5 2.0

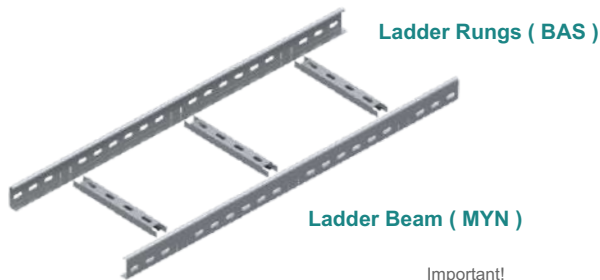
Cable Ladder Bends and Accessories

Огъвания за кабелни стълби и аксесоари

<p>90° Horizontal Bend of Cable Ladder</p>  <p>M90R2 - M90R4 R300 - R600</p>	<p>60° Horizontal Bend of Cable Ladder</p>  <p>M60R2 - M60R4 R300 - R600</p>	<p>45° Horizontal Bend of Cable Ladder</p>  <p>M45R2 - M45R4 R300 - R600</p>	<p>30° Horizontal Bend of Cable Ladder</p>  <p>M30R2 - M30R4 R300 - R600</p>
<p>Tee Horizontal Bend of Cable Ladder</p>  <p>MTR2 - MTR4 R300 - R600</p>	<p>Cross Bend of Cable Tray</p>  <p>MDR2 - MDR4 R300 - R600</p>	<p>Vertical Tee Bend (Lengthwise)</p>  <p>MDT</p>	<p>Cross Bend of Cable Tray</p>  <p>MMT</p>
<p>Middle Reducer Bend of Cable Ladder</p>  <p>ROSM</p>	<p>Left Reducer Bend of Cable Ladder</p>  <p>RLSM</p>	<p>Right Reducer Bend of Cable Tray</p>  <p>RGSM</p>	<p>Vertical Outside Bend of Cable Tray</p>  <p>MMD</p>
<p>Vertical 90° Inside Bend Of Cable Ladder</p>  <p>MISR2 - MISR4 R300 - R600</p>	<p>Vertical 60° Inside Bend Of Cable Ladder</p>  <p>MIS60R2 - MIS60R4 R300 - R600</p>	<p>Vertical 45° Inside Bend Of Cable Ladder</p>  <p>MIS45R2 - MIS45R4 R300 - R600</p>	<p>Vertical 30° Inside Bend Of Cable Ladder</p>  <p>MIS30R2 - MIS30R4 R300 - R600</p>
<p>Vertical 90° Outside Bend Of Cable Ladder</p>  <p>MDSR2 - MDSR4 R300 - R600</p>	<p>Vertical 60° Outside Bend Of Cable Ladder</p>  <p>MDS60R2 - MDS60R4 R300 - R600</p>	<p>Vertical 45° Outside Bend Of Cable Ladder</p>  <p>MDS45R2 - MDS45R4 R300 - R600</p>	<p>Vertical 30° Outside Bend Of Cable Ladder</p>  <p>MDS30R2 - MDS30R4 R300 - R600</p>

Modular Cable Ladder Side Beam

Странична греда на модулна кабелна стълба



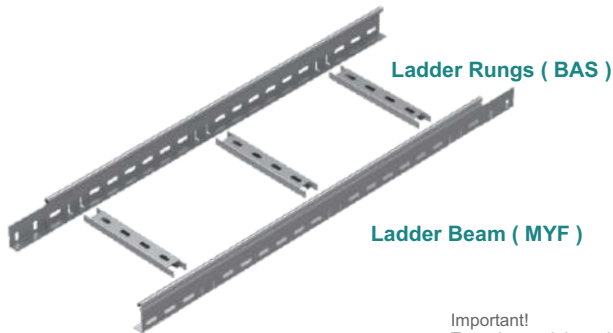
Important!
To make modular cable ladder use BAS rungs

Pre - Galvanized

MYN 1.2mm				MYN 1.5mm			
CODE	Height H mm	Kg 1 mt	pcs	CODE	Height H mm	Kg 1 mt	pcs
MYN 40 12 PG	40	0.59	1	MYN 40 15 PG	40	0.74	1
MYN 50 12 PG	50	0.68	1	MYN 50 15 PG	50	0.85	1
MYN 60 12 PG	60	0.76	1	MYN 60 15 PG	60	0.95	1
MYN 70 12 PG	70	0.85	1	MYN 70 15 PG	70	1.06	1
MYN 80 12 PG	80	0.93	1	MYN 80 15 PG	80	1.17	1
MYN 100 12 PG	100	1.10	1	MYN 100 15 PG	100	1.38	1

Modular Cable Ladder Side Beam - Quick Fix Type

Странична греда на модулна кабелна стълба - тип бързо фиксиране



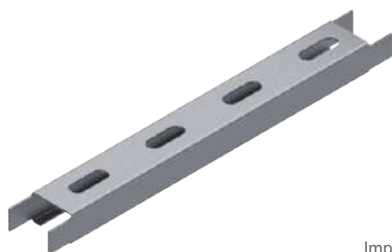
Important!
To make modular cable ladder use BAS rungs

Pre - Galvanized

MYF 1.0mm				MYF 1.2mm			
CODE	Height H mm	Kg 1 mt	pcs	CODE	Height H mm	Kg 1 mt	pcs
MYF 40 10 PG	40	0.47	1	MYF 40 12 PG	40	0.59	1
MYF 50 10 PG	50	0.54	1	MYF 50 12 PG	50	0.68	1
MYF 60 10 PG	60	0.61	1	MYF 60 12 PG	60	0.76	1
MYF 70 10 PG	70	0.68	1	MYF 70 12 PG	70	0.85	1
MYF 80 10 PG	80	0.74	1	MYF 80 12 PG	80	0.93	1
MYF 100 10 PG	100	0.88	1	MYF 100 12 PG	100	1.10	1

35x15 Modular Cable Ladder Rung

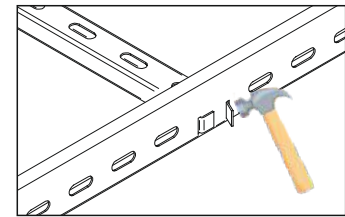
35x15 Модулно стъпало за кабелна стълба



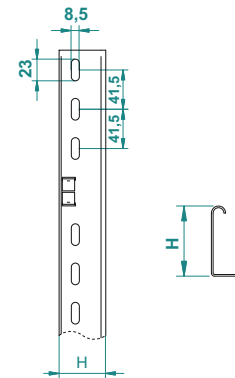
Important!
To make modular cable ladder - use MYN side beams

Pre - Galvanized

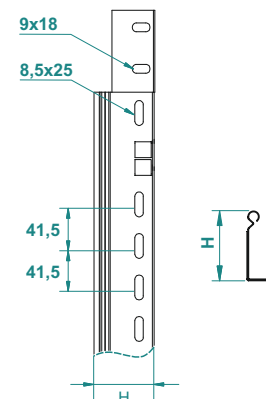
BAS 1.0mm				BAS 1.2mm			
CODE	Width W mm	Kg 1 pc	pcs	CODE	Width W mm	Kg 1 pc	pcs
BAS 100 10 PG	100	0.06	1	BAS 100 12 PG	100	0.07	1
BAS 150 10 PG	150	0.08	1	BAS 150 12 PG	150	0.10	1
BAS 200 10 PG	200	0.11	1	BAS 200 12 PG	200	0.13	1
BAS 250 10 PG	250	0.13	1	BAS 250 12 PG	250	0.16	1
BAS 300 10 PG	300	0.16	1	BAS 300 12 PG	300	0.19	1
BAS 400 10 PG	400	0.20	1	BAS 400 12 PG	400	0.25	1
BAS 450 10 PG	450	0.22	1	BAS 450 12 PG	450	0.28	1
BAS 500 10 PG	500	0.26	1	BAS 500 12 PG	500	0.31	1
BAS 600 10 PG	600	0.31	1	BAS 600 12 PG	600	0.37	1



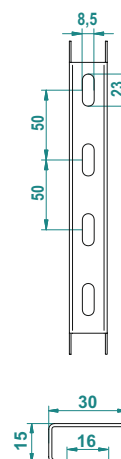
MYN



MYF



BAS



APPLICATIONS

Cable routing

MATERIAL

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

Available finishes:

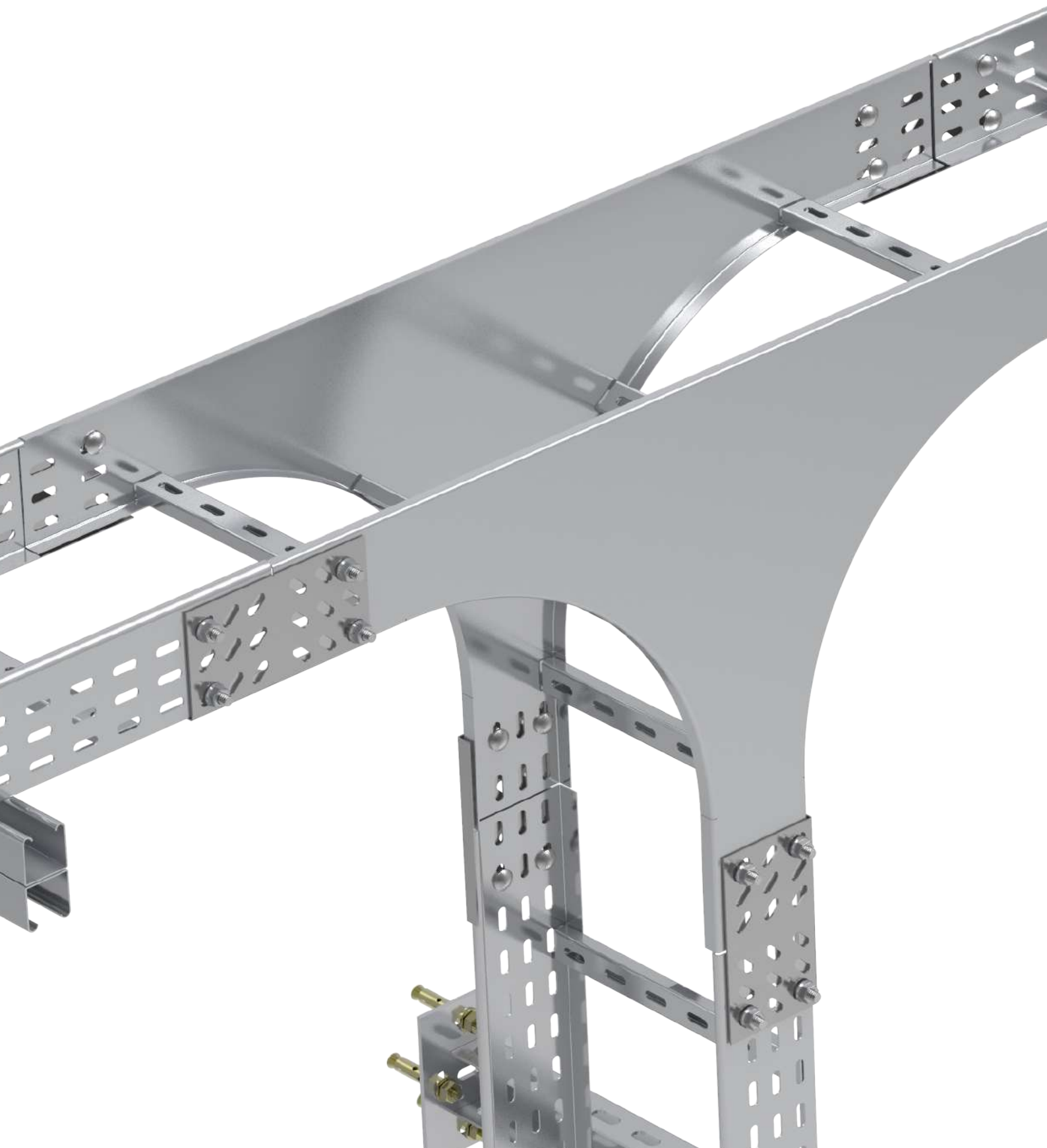
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

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

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

Thickn. (ga) [mm]:

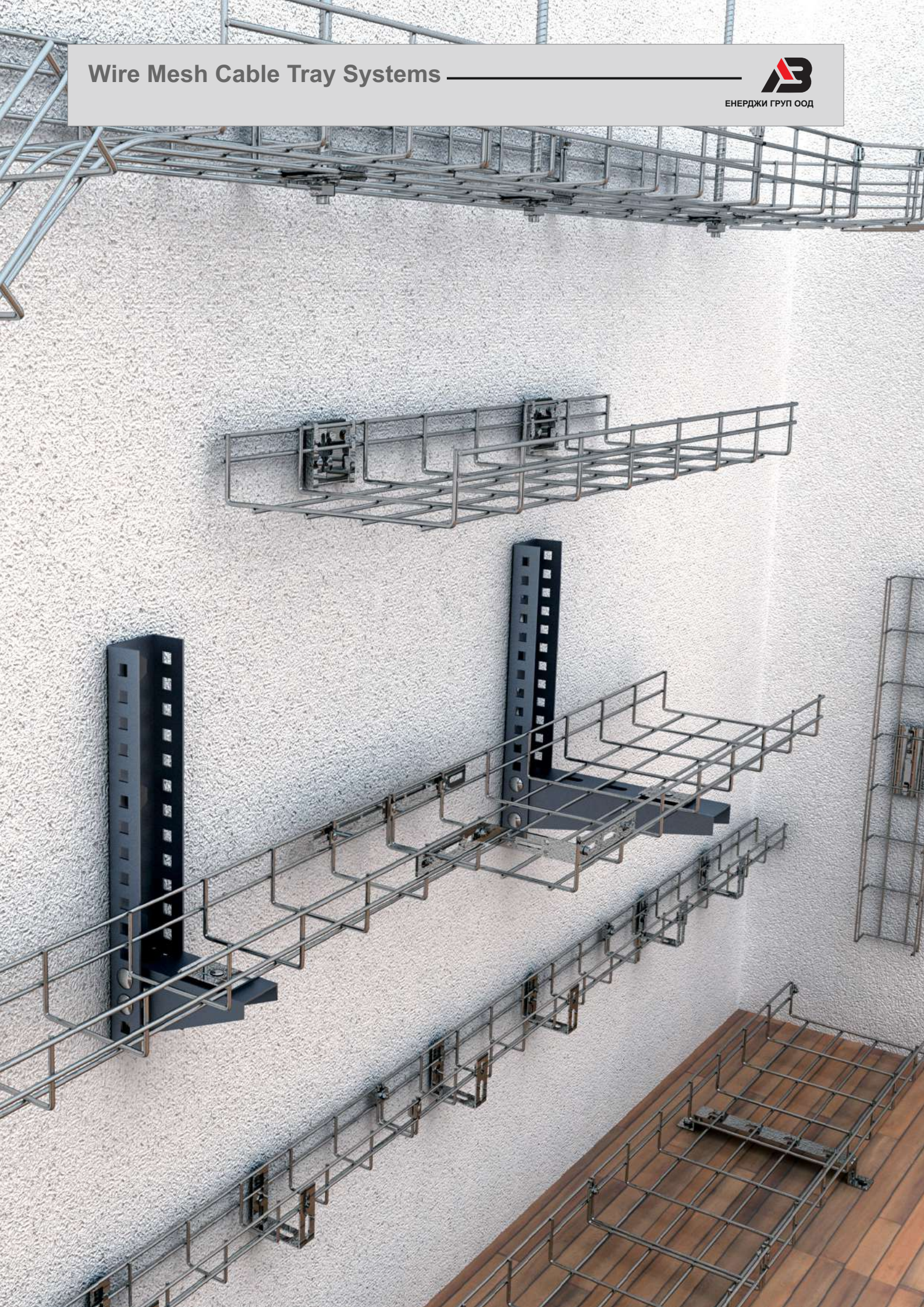
1.2 1.5



Wire Mesh Cable Tray Systems

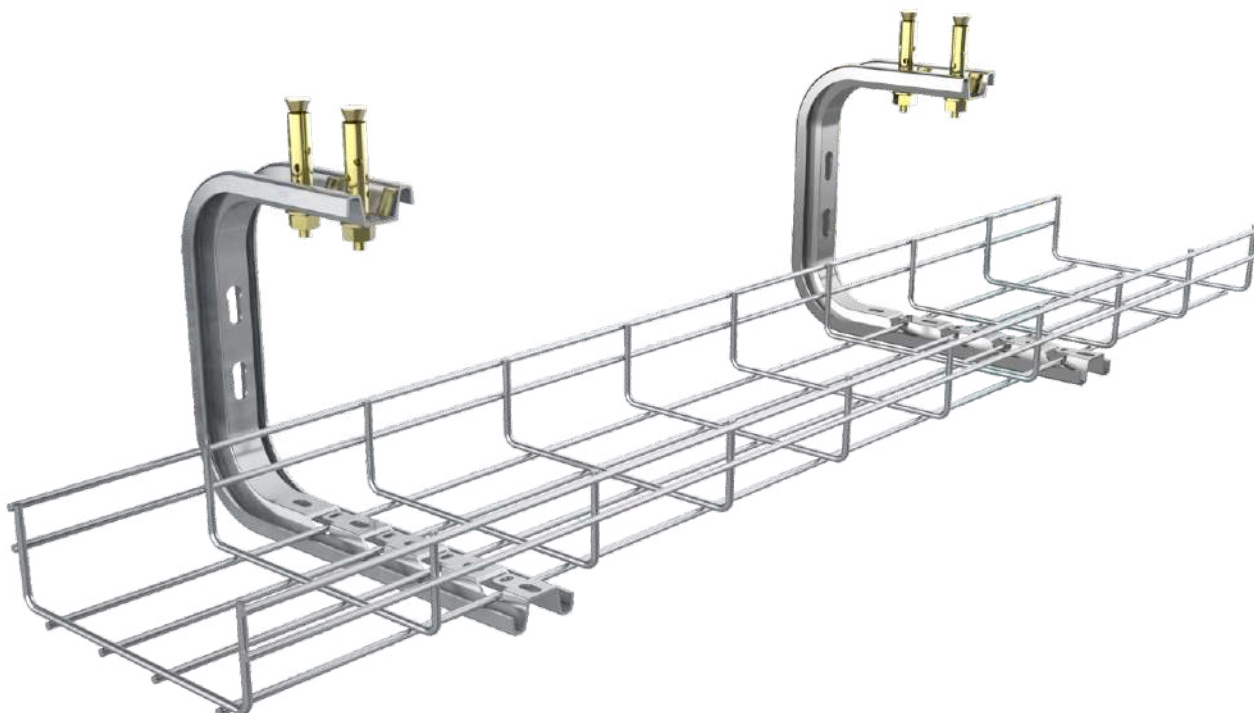


ЕНЕРДЖИ ГРУП ООД




Wire Mesh Cable Trays

Кабелни скари от телена мрежа

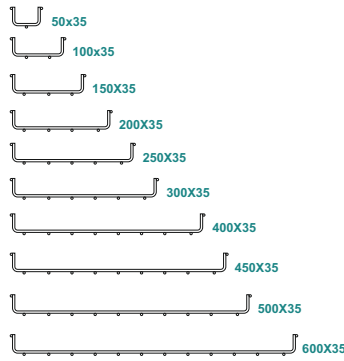
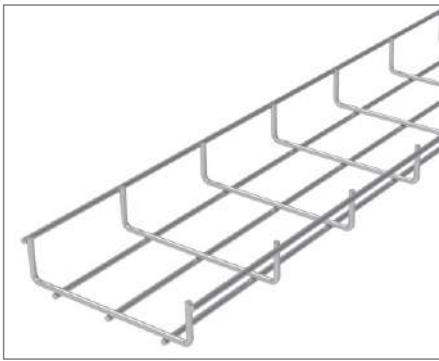


Accessories

<p>Connector - TBE Конектор</p>  <p>TBE</p>	<p>Fixing Unit Фиксираща единица</p>  <p>TSE</p>	<p>Suspension Clamp Скоба за окачване</p>  <p>SC</p>	<p>Straight Quick Connector Прав бърз конектор</p>  <p>GBE</p>	<p>Multipurpose Connection Strip Многофункционална свързваща лента</p>  <p>VBE</p>
<p>Support For Wall Mounting Опора за стенен монтаж</p>  <p>WBH</p>	<p>Hanging Rail Релса за окачване</p>  <p>HR</p>	<p>Support For Floor and Wall Mounting Опора за подов и стенен монтаж</p>  <p>FWH</p>	<p>Hanger / Central Support Закачалка / Централна опора</p>  <p>H 10</p>	<p>Hanger / Side Support Закачалка / странична опора</p>  <p>HC</p>
<p>Cover of Wire Mesh Cable Tray Капак на кабелна скара от телена мрежа</p>  <p>TKK</p>	<p>Cable Guider Кабеловодач</p>  <p>CG</p>	<p>Wire Bracket and Boxes Fixing Unit Блок за фиксиране на скоби и кутии</p>  <p>MSB</p>	<p>Barrier Strip Бариерна лента</p>  <p>BS</p>	<p>Earthing Clamp Скоба за заземяване</p>  <p>TPC</p>

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Electro Galvanised

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 EG	50	3000	0.43	2
TOK 310 40 EG	100	3000	0.58	2
TOK 315 40 EG	150	3000	0.73	2
TOK 320 40 EG	200	3000	0.89	2
TOK 325 40 EG	250	3000	1.04	2
TOK 330 40 EG	300	3000	1.19	2
TOK 340 40 EG	400	3000	1.49	2
TOK 345 40 EG	450	3000	1.64	2
TOK 350 40 EG	500	3000	1.79	2
TOK 360 40 EG	600	3000	2.09	2

4.5mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 45 EG	50	3000	0.55	2
TOK 310 45 EG	100	3000	0.74	2
TOK 315 45 EG	150	3000	0.93	2
TOK 320 45 EG	200	3000	1.12	2
TOK 325 45 EG	250	3000	1.32	2
TOK 330 45 EG	300	3000	1.51	2
TOK 340 45 EG	400	3000	1.89	2
TOK 345 45 EG	450	3000	2.08	2
TOK 350 45 EG	500	3000	2.27	2
TOK 360 45 EG	600	3000	2.66	2

5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 50 EG	50	3000	0.68	2
TOK 310 50 EG	100	3000	0.91	2
TOK 315 50 EG	150	3000	1.15	2
TOK 320 50 EG	200	3000	1.39	2
TOK 325 50 EG	250	3000	1.62	2
TOK 330 50 EG	300	3000	1.86	2
TOK 340 50 EG	400	3000	2.33	2
TOK 345 50 EG	450	3000	2.57	2
TOK 350 50 EG	500	3000	2.81	2
TOK 360 50 EG	600	3000	3.28	2

Hot Dip Galvanised

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 HDG	50	3000	0.43	2
TOK 310 40 HDG	100	3000	0.58	2
TOK 315 40 HDG	150	3000	0.73	2
TOK 320 40 HDG	200	3000	0.89	2
TOK 325 40 HDG	250	3000	1.04	2
TOK 330 40 HDG	300	3000	1.19	2
TOK 340 40 HDG	400	3000	1.49	2
TOK 345 40 HDG	450	3000	1.64	2
TOK 350 40 HDG	500	3000	1.79	2
TOK 360 40 HDG	600	3000	2.09	2

4.5mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 45 HDG	50	3000	0.55	2
TOK 310 45 HDG	100	3000	0.74	2
TOK 315 45 HDG	150	3000	0.93	2
TOK 320 45 HDG	200	3000	1.12	2
TOK 325 45 HDG	250	3000	1.32	2
TOK 330 45 HDG	300	3000	1.51	2
TOK 340 45 HDG	400	3000	1.89	2
TOK 345 45 HDG	450	3000	2.08	2
TOK 350 45 HDG	500	3000	2.27	2
TOK 360 45 HDG	600	3000	2.66	2

5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 50 HDG	50	3000	0.68	2
TOK 310 50 HDG	100	3000	0.91	2
TOK 315 50 HDG	150	3000	1.15	2
TOK 320 50 HDG	200	3000	1.39	2
TOK 325 50 HDG	250	3000	1.62	2
TOK 330 50 HDG	300	3000	1.86	2
TOK 340 50 HDG	400	3000	2.33	2
TOK 345 50 HDG	450	3000	2.57	2
TOK 350 50 HDG	500	3000	2.81	2
TOK 360 50 HDG	600	3000	3.28	2

Wire Mesh Cable Tray

Кабелни скари от телена мрежа.



Electro - Galvanised

TOK ...	H35 ...	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 40 EG	50	3000	0.52	2

4.5mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 45 EG	50	3000	0.68	2

5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 50 EG	50	3000	0.82	2

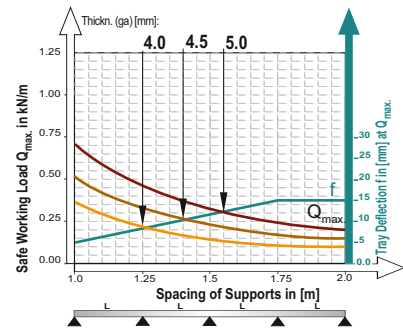
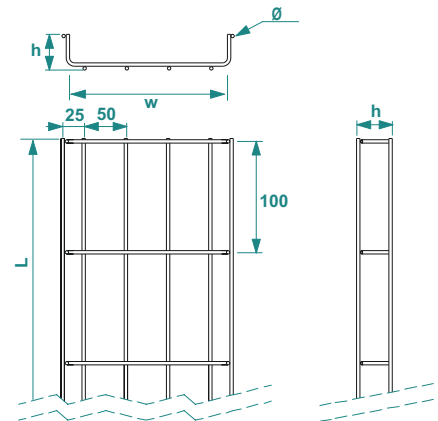
Hot Dip. Galvanised

TOK ...	H35 ...	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 40 HDG	50	3000	0.52	2

4.5mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 45 HDG	50	3000	0.68	2

5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 50 HDG	50	3000	0.68	2

TOK H35

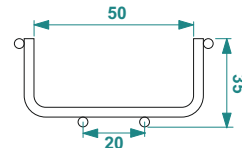


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

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	12 cm ²
100	25 cm ²
150	37 cm ²
200	50 cm ²
300	75 cm ²
400	100 cm ²
500	125 cm ²
600	150 cm ²

TOK H35



APPLICATIONS

Cable routing

MATERIAL

EG: Electro - Galvanised (8-12 micron) EN ISO 2081
 HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **4.0 4.5 5.0**

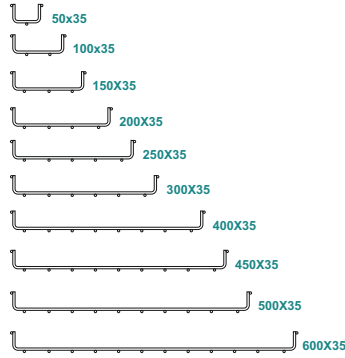
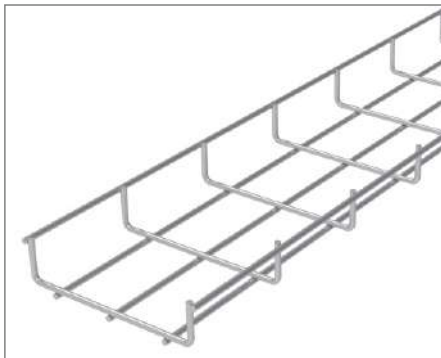
Wire Mesh Cable Trays - Side Height H35



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Stainless Steel 304 - Passivated

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 S4	50	3000	0.43	2
TOK 310 40 S4	100	3000	0.58	2
TOK 315 40 S4	150	3000	0.73	2
TOK 320 40 S4	200	3000	0.89	2
TOK 325 40 S4	250	3000	1.04	2
TOK 330 40 S4	300	3000	1.19	2
TOK 340 40 S4	400	3000	1.49	2
TOK 345 40 S4	450	3000	1.64	2
TOK 350 40 S4	500	3000	1.79	2
TOK 360 40 S4	600	3000	2.09	2
		5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 50 S4	50	3000	0.68	2
TOK 310 50 S4	100	3000	0.91	2
TOK 315 50 S4	150	3000	1.15	2
TOK 320 50 S4	200	3000	1.39	2
TOK 325 50 S4	250	3000	1.62	2
TOK 330 50 S4	300	3000	1.86	2
TOK 340 50 S4	400	3000	2.33	2
TOK 345 50 S4	450	3000	2.57	2
TOK 350 50 S4	500	3000	2.81	2
TOK 360 50 S4	600	3000	3.28	2

Stainless Steel 304 - Polished

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 SP4	50	3000	0.43	2
TOK 310 40 SP4	100	3000	0.58	2
TOK 315 40 SP4	150	3000	0.73	2
TOK 320 40 SP4	200	3000	0.89	2
TOK 325 40 SP4	250	3000	1.04	2
TOK 330 40 SP4	300	3000	1.19	2
TOK 340 40 SP4	400	3000	1.49	2
TOK 345 40 SP4	450	3000	1.64	2
TOK 350 40 SP4	500	3000	1.79	2
TOK 360 40 SP4	600	3000	2.09	2
		5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 50 SP4	50	3000	0.68	2
TOK 310 50 SP4	100	3000	0.91	2
TOK 315 50 SP4	150	3000	1.15	2
TOK 320 50 SP4	200	3000	1.39	2
TOK 325 50 SP4	250	3000	1.62	2
TOK 330 50 SP4	300	3000	1.86	2
TOK 340 50 SP4	400	3000	2.33	2
TOK 345 50 SP4	450	3000	2.57	2
TOK 350 50 SP4	500	3000	2.81	2
TOK 360 50 SP4	600	3000	3.28	2

Stainless Steel 316 - Passivated

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 S6	50	3000	0.43	2
TOK 310 40 S6	100	3000	0.58	2
TOK 315 40 S6	150	3000	0.73	2
TOK 320 40 S6	200	3000	0.89	2
TOK 325 40 S6	250	3000	1.04	2
TOK 330 40 S6	300	3000	1.19	2
TOK 340 40 S6	400	3000	1.49	2
TOK 345 40 S6	450	3000	1.64	2
TOK 350 40 S6	500	3000	1.79	2
TOK 360 40 S6	600	3000	2.09	2

Stainless Steel 316 - Polished

TOK ...	H35	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 305 40 SP6	50	3000	0.43	2
TOK 310 40 SP6	100	3000	0.58	2
TOK 315 40 SP6	150	3000	0.73	2
TOK 320 40 SP6	200	3000	0.89	2
TOK 325 40 SP6	250	3000	1.04	2
TOK 330 40 SP6	300	3000	1.19	2
TOK 340 40 SP6	400	3000	1.49	2
TOK 345 40 SP6	450	3000	1.64	2
TOK 350 40 SP6	500	3000	1.79	2
TOK 360 40 SP6	600	3000	2.09	2

Wire Mesh Cable Tray

Кабелни скари от телена мрежа.



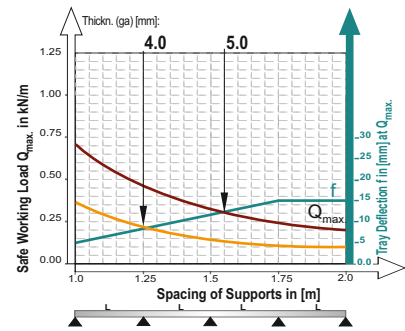
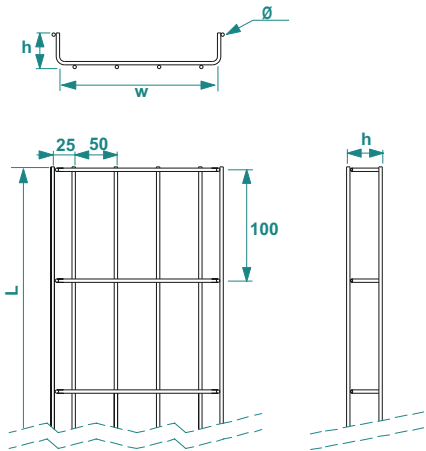
Stainless Steel 304 - Passivated

TOK ...	H35 ...	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 40 S4	50	3000	0.52	2
		5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 50 S4	50	3000	0.68	2

Stainless Steel 304 - Polished

TOK ...	H35 ...	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 40 SP4	50	3000	0.52	2
		5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 035 50 SP4	50	3000	0.68	2

TOK H35 (Stainless Steel)

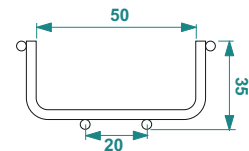


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

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	12 cm ²
100	25 cm ²
150	37 cm ²
200	50 cm ²
300	75 cm ²
400	100 cm ²
500	125 cm ²
600	150 cm ²

TOK H35 (Stainless Steel)



APPLICATIONS

Cable routing

MATERIAL

SS 304- Stainless Steel AISI 304L (S4)
SS 316- Stainless steel AISI 316L (S6)

Available finishes:

EG: Electro-galvanized
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
EP-Powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 4.0 5.0

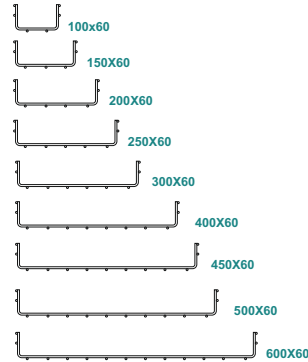
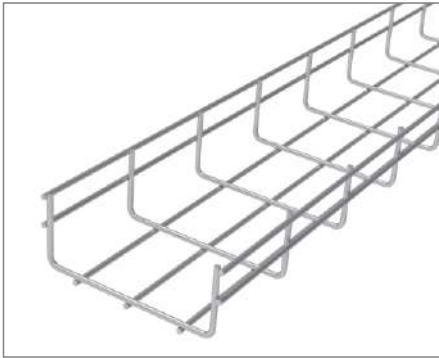
Wire Mesh Cable Trays - Side Height H60



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Electro Galvanised

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 EG	50	3000	0.68	2
TOK 610 40 EG	100	3000	0.83	2
TOK 615 40 EG	150	3000	0.99	2
TOK 620 40 EG	200	3000	1.14	2
TOK 625 40 EG	250	3000	1.29	2
TOK 630 40 EG	300	3000	1.44	2
TOK 640 40 EG	400	3000	1.74	2
TOK 645 40 EG	450	3000	1.89	2
TOK 650 40 EG	500	3000	2.04	2
TOK 660 40 EG	600	3000	2.35	2

Hot Dip Galvanised

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 HDG	50	3000	0.68	2
TOK 610 40 HDG	100	3000	0.83	2
TOK 615 40 HDG	150	3000	0.99	2
TOK 620 40 HDG	200	3000	1.14	2
TOK 625 40 HDG	250	3000	1.29	2
TOK 630 40 HDG	300	3000	1.44	2
TOK 640 40 HDG	400	3000	1.74	2
TOK 645 40 HDG	450	3000	1.89	2
TOK 650 40 HDG	500	3000	2.04	2
TOK 660 40 HDG	600	3000	2.35	2

TOK ...	H60	4.5mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 45 EG	50	3000	0.87	2
TOK 610 45 EG	100	3000	1.06	2
TOK 615 45 EG	150	3000	1.25	2
TOK 620 45 EG	200	3000	1.44	2
TOK 625 45 EG	250	3000	1.63	2
TOK 630 45 EG	300	3000	1.83	2
TOK 640 45 EG	400	3000	2.21	2
TOK 645 45 EG	450	3000	2.40	2
TOK 650 45 EG	500	3000	2.59	2
TOK 660 45 EG	600	3000	2.98	2

TOK ...	H60	4.5mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 45 HDG	50	3000	0.87	2
TOK 610 45 HDG	100	3000	1.06	2
TOK 615 45 HDG	150	3000	1.25	2
TOK 620 45 HDG	200	3000	1.44	2
TOK 625 45 HDG	250	3000	1.63	2
TOK 630 45 HDG	300	3000	1.83	2
TOK 640 45 HDG	400	3000	2.21	2
TOK 645 45 HDG	450	3000	2.40	2
TOK 650 45 HDG	500	3000	2.59	2
TOK 660 45 HDG	600	3000	2.98	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 50 EG	50	3000	1.07	2
TOK 610 50 EG	100	3000	1.31	2
TOK 615 50 EG	150	3000	1.54	2
TOK 620 50 EG	200	3000	1.78	2
TOK 625 50 EG	250	3000	2.02	2
TOK 630 50 EG	300	3000	2.25	2
TOK 640 50 EG	400	3000	2.73	2
TOK 645 50 EG	450	3000	2.96	2
TOK 650 50 EG	500	3000	3.20	2
TOK 660 50 EG	600	3000	3.67	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 50 HDG	50	3000	0.87	2
TOK 610 50 HDG	100	3000	1.31	2
TOK 615 50 HDG	150	3000	1.54	2
TOK 620 50 HDG	200	3000	1.78	2
TOK 625 50 HDG	250	3000	2.02	2
TOK 630 50 HDG	300	3000	2.25	2
TOK 640 50 HDG	400	3000	2.73	2
TOK 645 50 HDG	450	3000	2.96	2
TOK 650 50 HDG	500	3000	3.20	2
TOK 660 50 HDG	600	3000	3.67	2

Wire Mesh Cable Tray

Кабелни скари от телена мрежа



Electro-Galvanised

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 40 EG	50	3000	0.75	2

TOK ...	H60	4.5mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 45 EG	50	3000	0.95	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 50 EG	50	3000	1.20	2

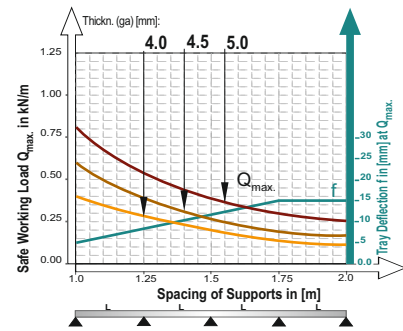
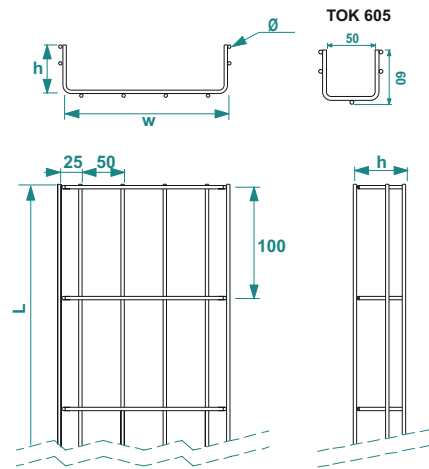
Hot Dip Galvanised

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 40 HDG	50	3000	0.75	2

TOK ...	H60	4.5mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 45 HDG	50	3000	0.95	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 50 HDG	50	3000	1.20	2

TOK H60

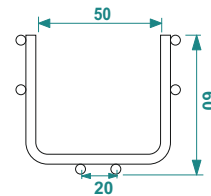


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span = 0,8x the span

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	25 cm ²
100	50 cm ²
150	75 cm ²
200	100 cm ²
300	150 cm ²
400	200 cm ²
500	250 cm ²
600	300 cm ²

TOK H60



APPLICATIONS

Cable routing

MATERIAL

EG: Electro - Galvanised (8-12 micron) EN ISO 2081
HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 4.0 4.5 5.0

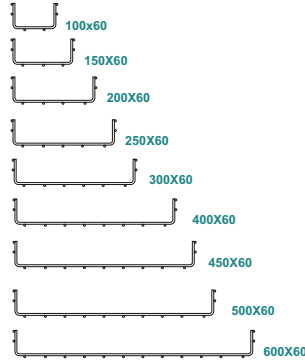
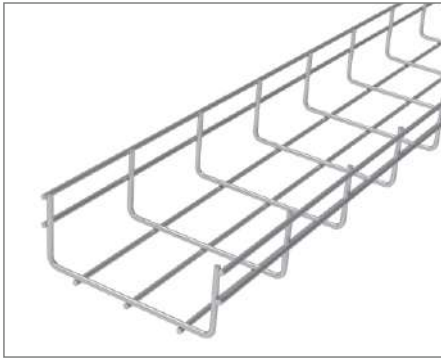
Wire Mesh Cable Trays - Side Height H60



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Stainless Steel 304 - Passivated

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 S4	50	3000	0.68	2
TOK 610 40 S4	100	3000	0.83	2
TOK 615 40 S4	150	3000	0.99	2
TOK 620 40 S4	200	3000	1.14	2
TOK 625 40 S4	250	3000	1.29	2
TOK 630 40 S4	300	3000	1.44	2
TOK 640 40 S4	400	3000	1.74	2
TOK 645 40 S4	450	3000	1.89	2
TOK 650 40 S4	500	3000	2.04	2
TOK 660 40 S4	600	3000	2.35	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 50 S4	50	3000	1.07	2
TOK 610 50 S4	100	3000	1.31	2
TOK 615 50 S4	150	3000	1.54	2
TOK 620 50 S4	200	3000	1.78	2
TOK 625 50 S4	250	3000	2.02	2
TOK 630 50 S4	300	3000	2.25	2
TOK 640 50 S4	400	3000	2.73	2
TOK 645 50 S4	450	3000	2.96	2
TOK 650 50 S4	500	3000	3.20	2
TOK 660 50 S4	600	3000	3.67	2

Stainless Steel 304 Polished

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 SP4	50	3000	0.68	2
TOK 610 40 SP4	100	3000	0.83	2
TOK 615 40 SP4	150	3000	0.99	2
TOK 620 40 SP4	200	3000	1.14	2
TOK 625 40 SP4	250	3000	1.29	2
TOK 630 40 SP4	300	3000	1.44	2
TOK 640 40 SP4	400	3000	1.74	2
TOK 645 40 SP4	450	3000	1.89	2
TOK 650 40 SP4	500	3000	2.04	2
TOK 660 40 SP4	600	3000	2.35	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 50 SP4	50	3000	0.87	2
TOK 610 50 SP4	100	3000	1.31	2
TOK 615 50 SP4	150	3000	1.54	2
TOK 620 50 SP4	200	3000	1.78	2
TOK 625 50 SP4	250	3000	2.02	2
TOK 630 50 SP4	300	3000	2.25	2
TOK 640 50 SP4	400	3000	2.73	2
TOK 645 50 SP4	450	3000	2.96	2
TOK 650 50 SP4	500	3000	3.20	2
TOK 660 50 SP4	600	3000	3.67	2

Stainless Steel 316 - Passivated

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 S6	50	3000	0.68	2
TOK 610 40 S6	100	3000	0.83	2
TOK 615 40 S6	150	3000	0.99	2
TOK 620 40 S6	200	3000	1.14	2
TOK 625 40 S6	250	3000	1.29	2
TOK 630 40 S6	300	3000	1.44	2
TOK 640 40 S6	400	3000	1.74	2
TOK 645 40 S6	450	3000	1.89	2
TOK 650 40 S6	500	3000	2.04	2
TOK 660 40 S6	600	3000	2.35	2

Stainless Steel 316 Polished

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 605 40 SP6	50	3000	0.68	2
TOK 610 40 SP6	100	3000	0.83	2
TOK 615 40 SP6	150	3000	0.99	2
TOK 620 40 SP6	200	3000	1.14	2
TOK 625 40 SP6	250	3000	1.29	2
TOK 630 40 SP6	300	3000	1.44	2
TOK 640 40 SP6	400	3000	1.74	2
TOK 645 40 SP6	450	3000	1.89	2
TOK 650 40 SP6	500	3000	2.04	2
TOK 660 40 SP6	600	3000	2.35	2

Wire Mesh Cable Tray

Кабелни скари от телена мрежа



Stainless Steel 304 - Passivated

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 40 S4	50	3000	0.75	2

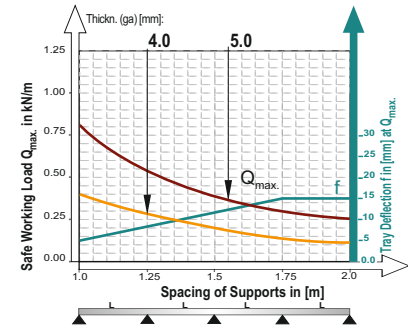
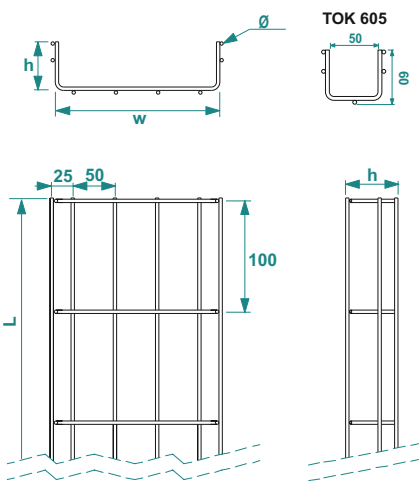
TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 50 S4	50	3000	1.20	2

Stainless Steel Polished

TOK ...	H60	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 40 SP4	50	3000	0.75	2

TOK ...	H60	5.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 050 50 SP4	50	3000	1.20	2

TOK H60 (Stainless Steel)



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)

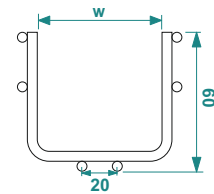
L = support distance (m)

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

Safety co-efficient = 1.5

Width	Usable Cross-Section
50	25 cm ²
100	50 cm ²
150	75 cm ²
200	100 cm ²
300	150 cm ²
400	200 cm ²
500	250 cm ²
600	300 cm ²

TOK H60 (Stainless Steel)



APPLICATIONS

Cable routing

MATERIAL

SS 304- Stainless Steel AISI 304L (S4)

SS 316- Stainless steel AISI 316L (S6)

Available finishes:

EG: Electro-galvanized

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

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

Thickn. (ga) [mm]: **4.0** **5.0**

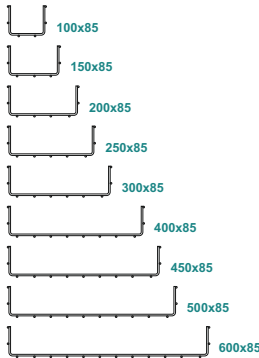
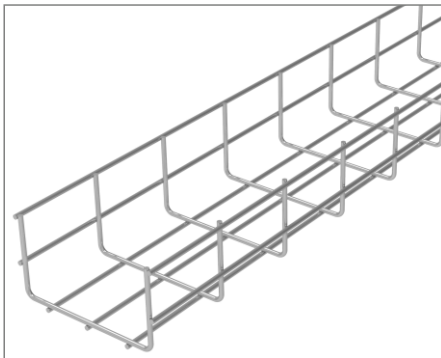
Wire Mesh Cable Trays - Side Height H85



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Electro Galvanised

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 40 EG	100	3000	0.89	2
TOK 815 40 EG	150	3000	1.04	2
TOK 820 40 EG	200	3000	1.19	2
TOK 825 40 EG	250	3000	1.34	2
TOK 830 40 EG	300	3000	1.49	2
TOK 840 40 EG	400	3000	1.79	2
TOK 845 40 EG	450	3000	1.94	2
TOK 850 40 EG	500	3000	2.09	2
TOK 860 40 EG	600	3000	2.40	2

TOK ...	H85	4.5mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 45 EG	100	3000	1.12	2
TOK 815 45 EG	150	3000	1.32	2
TOK 820 45 EG	200	3000	1.51	2
TOK 825 45 EG	250	3000	1.70	2
TOK 830 45 EG	300	3000	1.89	2
TOK 840 45 EG	400	3000	2.27	2
TOK 845 45 EG	450	3000	2.47	2
TOK 850 45 EG	500	3000	2.66	2
TOK 860 45 EG	600	3000	3.04	2

TOK ...	H85	5.0mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 50 EG	100	3000	1.39	2
TOK 815 50 EG	150	3000	1.62	2
TOK 820 50 EG	200	3000	1.86	2
TOK 825 50 EG	250	3000	2.10	2
TOK 830 50 EG	300	3000	2.33	2
TOK 840 50 EG	400	3000	2.81	2
TOK 845 50 EG	450	3000	3.04	2
TOK 850 50 EG	500	3000	3.28	2
TOK 860 50 EG	600	3000	3.75	2

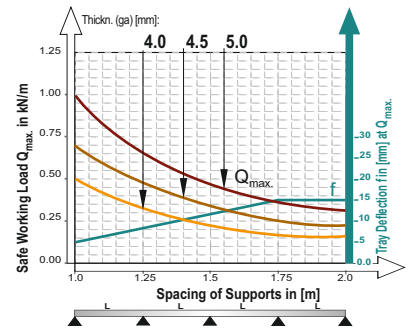
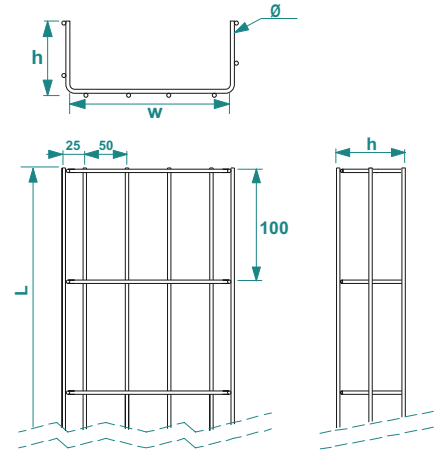
Hot Dip Galvanised

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 40 HDG	100	3000	0.89	2
TOK 815 40 HDG	150	3000	1.04	2
TOK 820 40 HDG	200	3000	1.19	2
TOK 825 40 HDG	250	3000	1.34	2
TOK 830 40 HDG	300	3000	1.49	2
TOK 840 40 HDG	400	3000	1.79	2
TOK 845 40 HDG	450	3000	1.94	2
TOK 850 40 HDG	500	3000	2.09	2
TOK 860 40 HDG	600	3000	2.40	2

TOK ...	H85	4.5mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 45 HDG	100	3000	1.12	2
TOK 815 45 HDG	150	3000	1.32	2
TOK 820 45 HDG	200	3000	1.51	2
TOK 825 45 HDG	250	3000	1.70	2
TOK 830 45 HDG	300	3000	1.89	2
TOK 840 45 HDG	400	3000	2.27	2
TOK 845 45 HDG	450	3000	2.47	2
TOK 850 45 HDG	500	3000	2.66	2
TOK 860 45 HDG	600	3000	3.04	2

TOK ...	H85	5.0mm		
CODE	Width W mm	Length L mm	Kg 1 m	pcs
TOK 810 50 HDG	100	3000	1.39	2
TOK 815 50 HDG	150	3000	1.62	2
TOK 820 50 HDG	200	3000	1.86	2
TOK 825 50 HDG	250	3000	2.10	2
TOK 830 50 HDG	300	3000	2.33	2
TOK 840 50 HDG	400	3000	2.81	2
TOK 845 50 HDG	450	3000	3.04	2
TOK 850 50 HDG	500	3000	3.28	2
TOK 860 50 HDG	600	3000	3.75	2

TOK H85



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	75 cm ²
150	112 cm ²
200	150 cm ²
300	225 cm ²
400	300 cm ²
500	375 cm ²
600	450 cm ²

APPLICATIONS

Cable routing

MATERIAL

EG: Electro - Galvanised (8-12 micron) EN ISO 2081
 HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 4.0 4.5 5.0

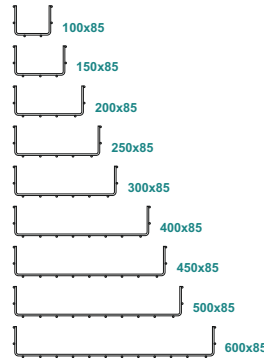
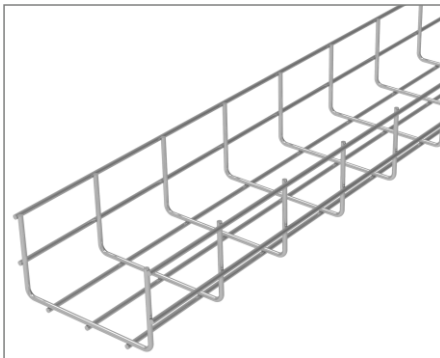
Wire Mesh Cable Trays - Side Height H85



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Stainless Steel 304 - Passivated

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 40 S4	100	3000	0.89	2
TOK 815 40 S4	150	3000	1.04	2
TOK 820 40 S4	200	3000	1.19	2
TOK 825 40 S4	250	3000	1.34	2
TOK 830 40 S4	300	3000	1.49	2
TOK 840 40 S4	400	3000	1.79	2
TOK 845 40 S4	450	3000	1.94	2
TOK 850 40 S4	500	3000	2.09	2
TOK 860 40 S4	600	3000	2.40	2
5.0mm				
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 50 S4	100	3000	1.39	2
TOK 815 50 S4	150	3000	1.62	2
TOK 820 50 S4	200	3000	1.86	2
TOK 825 50 S4	250	3000	2.10	2
TOK 830 50 S4	300	3000	2.33	2
TOK 840 50 S4	400	3000	2.81	2
TOK 845 50 S4	450	3000	3.04	2
TOK 850 50 S4	500	3000	3.28	2
TOK 860 50 S4	600	3000	3.75	2

Stainless Steel 304 - Polished

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 40 SP4	100	3000	0.89	2
TOK 815 40 SP4	150	3000	1.04	2
TOK 820 40 SP4	200	3000	1.19	2
TOK 825 40 SP4	250	3000	1.34	2
TOK 830 40 SP4	300	3000	1.49	2
TOK 840 40 SP4	400	3000	1.79	2
TOK 845 40 SP4	450	3000	1.94	2
TOK 850 40 SP4	500	3000	2.09	2
TOK 860 40 SP4	600	3000	2.40	2
5.0mm				
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 50 SP4	100	3000	1.39	2
TOK 815 50 SP4	150	3000	1.62	2
TOK 820 50 SP4	200	3000	1.86	2
TOK 825 50 SP4	250	3000	2.10	2
TOK 830 50 SP4	300	3000	2.33	2
TOK 840 50 SP4	400	3000	2.81	2
TOK 845 50 SP4	450	3000	3.04	2
TOK 850 50 SP4	500	3000	3.28	2
TOK 860 50 SP4	600	3000	3.75	2

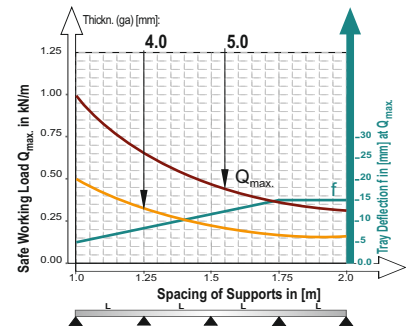
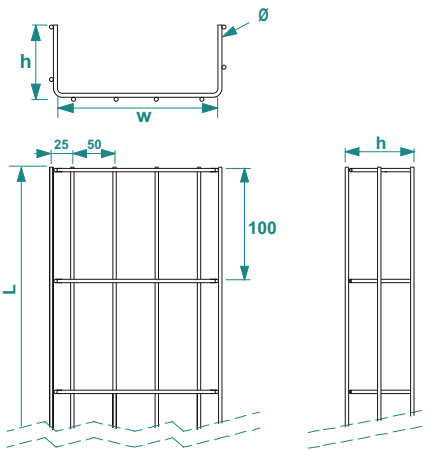
Stainless Steel 316 - Passivated

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 40 S6	100	3000	0.89	2
TOK 815 40 S6	150	3000	1.04	2
TOK 820 40 S6	200	3000	1.19	2
TOK 825 40 S6	250	3000	1.34	2
TOK 830 40 S6	300	3000	1.49	2
TOK 840 40 S6	400	3000	1.79	2
TOK 845 40 S6	450	3000	1.94	2
TOK 850 40 S6	500	3000	2.09	2
TOK 860 40 S6	600	3000	2.40	2
5.0mm				
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 50 S6	100	3000	1.39	2
TOK 815 50 S6	150	3000	1.62	2
TOK 820 50 S6	200	3000	1.86	2
TOK 825 50 S6	250	3000	2.10	2
TOK 830 50 S6	300	3000	2.33	2
TOK 840 50 S6	400	3000	2.81	2
TOK 845 50 S6	450	3000	3.04	2
TOK 850 50 S6	500	3000	3.28	2
TOK 860 50 S6	600	3000	3.75	2

Stainless Steel 316 - Polished

TOK ...	H85	4.0mm		
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 40 SP6	100	3000	0.89	2
TOK 815 40 SP6	150	3000	1.04	2
TOK 820 40 SP6	200	3000	1.19	2
TOK 825 40 SP6	250	3000	1.34	2
TOK 830 40 SP6	300	3000	1.49	2
TOK 840 40 SP6	400	3000	1.79	2
TOK 845 40 SP6	450	3000	1.94	2
TOK 850 40 SP6	500	3000	2.09	2
TOK 860 40 SP6	600	3000	2.40	2
5.0mm				
CODE	Width W mm	Length L mm	KG 1 m	pcs
TOK 810 50 SP6	100	3000	1.39	2
TOK 815 50 SP6	150	3000	1.62	2
TOK 820 50 SP6	200	3000	1.86	2
TOK 825 50 SP6	250	3000	2.10	2
TOK 830 50 SP6	300	3000	2.33	2
TOK 840 50 SP6	400	3000	2.81	2
TOK 845 50 SP6	450	3000	3.04	2
TOK 850 50 SP6	500	3000	3.28	2
TOK 860 50 SP6	600	3000	3.75	2

TOK H85 (Stainless Steel)



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	75 cm ²
150	112 cm ²
200	150 cm ²
300	225 cm ²
400	300 cm ²
500	375 cm ²
600	450 cm ²

APPLICATIONS

Cable routing

MATERIAL

SS 304- Stainless Steel AISI 304L (S4)
SS 316- Stainless steel AISI 316L (S6)

Available finishes:

EG: Electro-galvanized
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
EP-Powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **4.0 5.0**

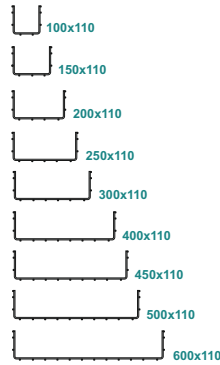
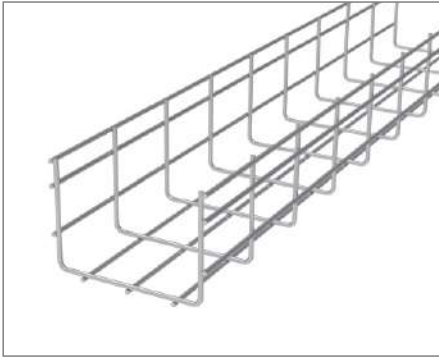
Wire Mesh Cable Trays - Side Height H110



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Electro Galvanised

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 EG	100	3000	1.14	2
TOK 115 40 EG	150	3000	1.29	2
TOK 120 40 EG	200	3000	1.44	2
TOK 125 40 EG	250	3000	1.59	2
TOK 130 40 EG	300	3000	1.74	2
TOK 140 40 EG	400	3000	2.04	2
TOK 145 40 EG	450	3000	2.19	2
TOK 150 40 EG	500	3000	2.35	2
TOK 160 40 EG	600	3000	2.65	2

TOK ...	H110	4.5mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 45 EG	100	3000	1.44	2
TOK 115 45 EG	150	3000	1.63	2
TOK 120 45 EG	200	3000	1.83	2
TOK 125 45 EG	250	3000	2.02	2
TOK 130 45 EG	300	3000	2.21	2
TOK 140 45 EG	400	3000	2.59	2
TOK 145 45 EG	450	3000	2.78	2
TOK 150 45 EG	500	3000	2.98	2
TOK 160 45 EG	600	3000	3.36	2

TOK ...	H110	5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 EG	100	3000	1.78	2
TOK 115 50 EG	150	3000	2.02	2
TOK 120 50 EG	200	3000	2.25	2
TOK 125 50 EG	250	3000	2.49	2
TOK 130 50 EG	300	3000	2.73	2
TOK 140 50 EG	400	3000	3.20	2
TOK 145 50 EG	450	3000	3.44	2
TOK 150 50 EG	500	3000	3.67	2
TOK 160 50 EG	600	3000	4.14	2

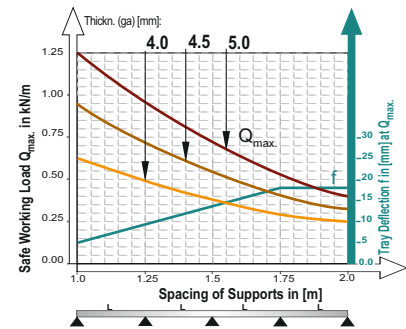
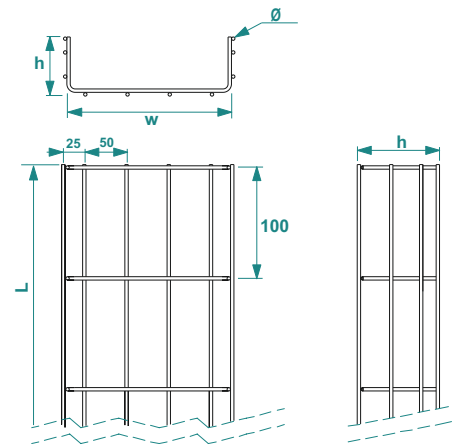
Hot Dip Galvanised

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 HDG	100	3000	1.14	2
TOK 115 40 HDG	150	3000	1.29	2
TOK 120 40 HDG	200	3000	1.44	2
TOK 125 40 HDG	250	3000	1.59	2
TOK 130 40 HDG	300	3000	1.74	2
TOK 140 40 HDG	400	3000	2.04	2
TOK 145 40 HDG	450	3000	2.19	2
TOK 150 40 HDG	500	3000	2.35	2
TOK 160 40 HDG	600	3000	2.65	2

TOK ...	H110	4.5mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 45 HDG	100	3000	1.44	2
TOK 115 45 HDG	150	3000	1.63	2
TOK 120 45 HDG	200	3000	1.83	2
TOK 125 45 HDG	250	3000	2.02	2
TOK 130 45 HDG	300	3000	2.21	2
TOK 140 45 HDG	400	3000	2.59	2
TOK 145 45 HDG	450	3000	2.78	2
TOK 150 45 HDG	500	3000	2.98	2
TOK 160 45 HDG	600	3000	3.36	2

TOK ...	H110	5.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 HDG	100	3000	1.78	2
TOK 115 50 HDG	150	3000	2.02	2
TOK 120 50 HDG	200	3000	2.25	2
TOK 125 50 HDG	250	3000	2.49	2
TOK 130 50 HDG	300	3000	2.73	2
TOK 140 50 HDG	400	3000	3.20	2
TOK 145 50 HDG	450	3000	3.44	2
TOK 150 50 HDG	500	3000	3.67	2
TOK 160 50 HDG	600	3000	4.14	2

TOK 110



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	100 cm ²
150	150 cm ²
200	200 cm ²
300	300 cm ²
400	400 cm ²
500	500 cm ²
600	600 cm ²

APPLICATIONS

Cable routing

MATERIAL

EG: Electro - Galvanised (8-12 Micron) EN ISO 2081
 HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 4.0 4.5 5.0

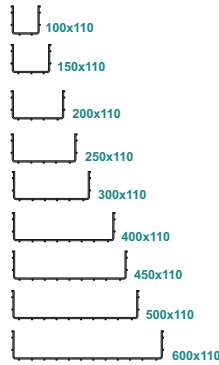
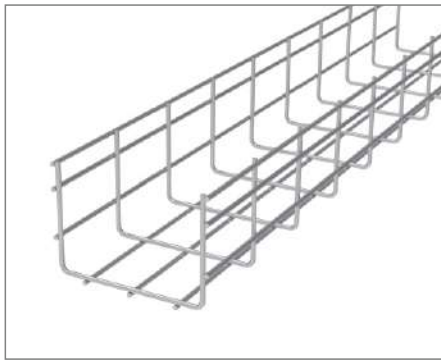
Wire Mesh Cable Trays - Side Height H110



ЕНЕРДЖИ ГРУП ООД

Wire Mesh Cable Trays

Кабелни скари от телена мрежа



Stainless Steel 304 - Passivated

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 S4	100	3000	1.14	2
TOK 115 40 S4	150	3000	1.29	2
TOK 120 40 S4	200	3000	1.44	2
TOK 125 40 S4	250	3000	1.59	2
TOK 130 40 S4	300	3000	1.74	2
TOK 140 40 S4	400	3000	2.04	2
TOK 145 40 S4	450	3000	2.19	2
TOK 150 40 S4	500	3000	2.35	2
TOK 160 40 S4	600	3000	2.65	2
5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 S4	100	3000	1.78	2
TOK 115 50 S4	150	3000	2.02	2
TOK 120 50 S4	200	3000	2.25	2
TOK 125 50 S4	250	3000	2.49	2
TOK 130 50 S4	300	3000	2.73	2
TOK 140 50 S4	400	3000	3.20	2
TOK 145 50 S4	450	3000	3.44	2
TOK 150 50 S4	500	3000	3.67	2
TOK 160 50 S4	600	3000	4.14	2

Stainless Steel 304 - Polished

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 SP4	100	3000	1.14	2
TOK 115 40 SP4	150	3000	1.29	2
TOK 120 40 SP4	200	3000	1.44	2
TOK 125 40 SP4	250	3000	1.59	2
TOK 130 40 SP4	300	3000	1.74	2
TOK 140 40 SP4	400	3000	2.04	2
TOK 145 40 SP4	450	3000	2.19	2
TOK 150 40 SP4	500	3000	2.35	2
TOK 160 40 SP4	600	3000	2.65	2
5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 SP4	100	3000	1.78	2
TOK 115 50 SP4	150	3000	2.02	2
TOK 120 50 SP4	200	3000	2.25	2
TOK 125 50 SP4	250	3000	2.49	2
TOK 130 50 SP4	300	3000	2.73	2
TOK 140 50 SP4	400	3000	3.20	2
TOK 145 50 SP4	450	3000	3.44	2
TOK 150 50 SP4	500	3000	3.67	2
TOK 160 50 SP4	600	3000	4.14	2

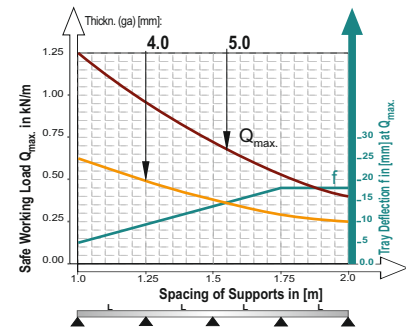
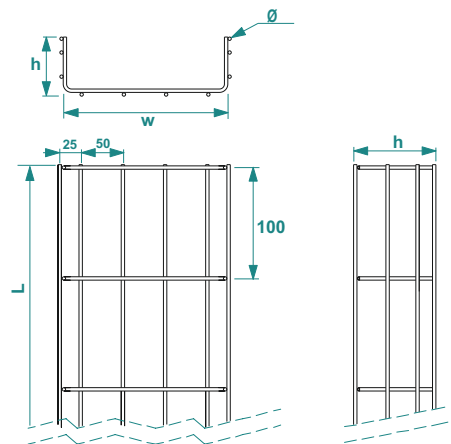
Stainless Steel 316 - Passivated

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 S6	100	3000	1.14	2
TOK 115 40 S6	150	3000	1.29	2
TOK 120 40 S6	200	3000	1.44	2
TOK 125 40 S6	250	3000	1.59	2
TOK 130 40 S6	300	3000	1.74	2
TOK 140 40 S6	400	3000	2.04	2
TOK 145 40 S6	450	3000	2.19	2
TOK 150 40 S6	500	3000	2.35	2
TOK 160 40 S6	600	3000	2.65	2
5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 S6	100	3000	1.78	2
TOK 115 50 S6	150	3000	2.02	2
TOK 120 50 S6	200	3000	2.25	2
TOK 125 50 S6	250	3000	2.49	2
TOK 130 50 S6	300	3000	2.73	2
TOK 140 50 S6	400	3000	3.20	2
TOK 145 50 S6	450	3000	3.44	2
TOK 150 50 S6	500	3000	3.67	2
TOK 160 50 S6	600	3000	4.14	2

Stainless Steel 316 - Polished

TOK ...	H110	4.0mm		
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 40 SP6	100	3000	1.14	2
TOK 115 40 SP6	150	3000	1.29	2
TOK 120 40 SP6	200	3000	1.44	2
TOK 125 40 SP6	250	3000	1.59	2
TOK 130 40 SP6	300	3000	1.74	2
TOK 140 40 SP6	400	3000	2.04	2
TOK 145 40 SP6	450	3000	2.19	2
TOK 150 40 SP6	500	3000	2.35	2
TOK 160 40 SP6	600	3000	2.65	2
5.0mm				
CODE	Width W mm	Length L mm	kg 1 m	pcs
TOK 110 50 SP6	100	3000	1.78	2
TOK 115 50 SP6	150	3000	2.02	2
TOK 120 50 SP6	200	3000	2.25	2
TOK 125 50 SP6	250	3000	2.49	2
TOK 130 50 SP6	300	3000	2.73	2
TOK 140 50 SP6	400	3000	3.20	2
TOK 145 50 SP6	450	3000	3.44	2
TOK 150 50 SP6	500	3000	3.67	2
TOK 160 50 SP6	600	3000	4.14	2

TOK H110 (Stainless Steel)



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

APPLICATIONS

Cable routing

MATERIAL

SS 304- Stainless Steel AISI 304L (S4)
SS 316- Stainless steel AISI 316L (S6)

Available finishes:

EG: Electro-galvanized
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
EP-Powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **4.0 5.0**

Connector - TBE (Set : U30+U25+C M6 20+FS M6)

Конектор- TBE (4 бр: U30+U25+C M6 20+FS M6)



Galvanised

TBE			
CODE	Finish	kg 1 Set	pcs
TBE EG	EG	0.03	100
TBE HDG	DAK	0.03	100

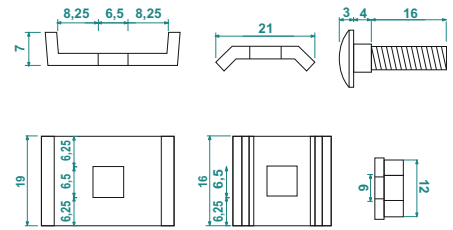
EG: Electro zinc plated
DAK: Dacromet

Stainless Steel

TBE			
CODE	Finish	kg 1 Set	pcs
TBE S4	S4	0.03	100
TBE S6	S6	0.03	100

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

TBE



Suggested quantities TBE connectors (per each length of wire mesh cable trays)

Width	H:35	H:60	H:85	H:110
50	2	2		
100	2	2	2+1	2+1
150	2	2	2+1	2+1
200	2+1	2+1	2+2	2+2
250	2+1	2+1	2+2	2+2
300	2+2	2+2	2+3	2+3
400	2+2	2+2	2+3	2+3
450	2+2	2+2	2+3	2+3
500	2+3	2+3	2+4	2+4
600	2+3	2+3	2+4	2+4

Fixing Unit - TSE (Set : U25+C M6 20+FS M6)

Фиксираща единица- TSE (3 бр: U25+C M6 20+FS M6)



Galvanised

TSE			
CODE	Finish	kg 1 Set	pcs
TSE EG	EG	0.018	100
TSE HDG	DAK	0.018	100

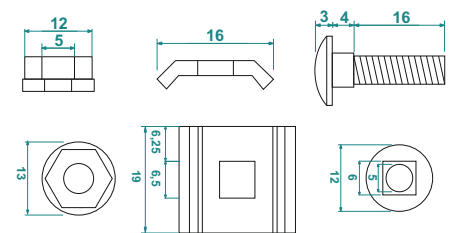
EG: Electro zinc plated
DAK: Dacromet

Stainless Steel

TSE			
CODE	Finish	kg 1 Set	pcs
TSE S4	EG	0.018	100
TSE S6	DAK	0.018	100

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

TSE



Suggested quantities of TSE fixing (per bracket)

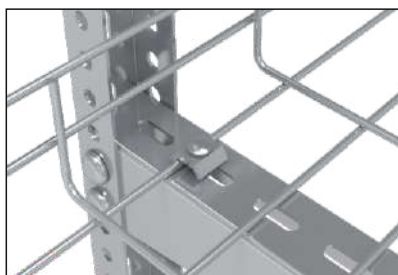
Width	Set / Bracket
50	1
100	1
150	1
200	2
250	2
300	2
400	2
450	2
500	2
600	2

Mounting Examples

TBE



TSE



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

Thickn. (ga) [mm]: 4.0 4.5 5.0

Connector piece - U30

Конекторна част - U30



Galvanised

U30				
CODE	Finish	Length L, mm	kg 1 pc	pcs
U30 EG	EG	30	0.012	100
U30 HDG	DAK	30	0.012	100

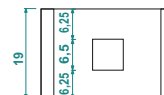
EG: Electro-zinc plated
DAK: Dacromet

Stainless Steel

U30				
CODE	Finish	Length L, mm	kg 1 pc	pcs
U30 S4	S4	30	0.012	100
U30 S6	S6	30	0.012	100

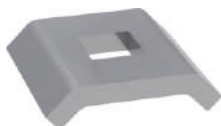
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

U30



Connector Piece - U25

Конекторна част - U25



Galvanised

U25				
CODE	Finish	Length L, mm	kg 1 pc	pcs
U25 EG	EG	25	0.009	100
U25 HDG	DAK	25	0.009	100

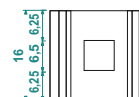
EG: Electro-zinc plated
DAK: Dacromet

Stainless Steel

U25				
CODE	Finish	Length L, mm	kg 1 pc	pcs
U25 S4	S4	25	0.009	100
U25 S6	S6	25	0.009	100

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

U25



Round Head Squire Neck Bolt



Galvanised

C M6 20				
CODE	Finish	Size	kg 1 pc	pcs
C M6 20 EG	EG	M6x20	0.007	100
C M6 20 HDG	DAK	M6x20	0.007	100

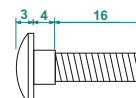
EG: Electro-zinc plated
DAK: Dacromet

Stainless Steel

C M6 20				
CODE	Finish	Size	kg 1 pc	pcs
C M6 20 S4	A2	M6x20	0.007	100
C M6 20 S6	A4	M6x20	0.007	100

A2: Stainless steel AISI 304L
A4: Stainless steel AISI 316L

C M6 20



DIN 6923 Flanged Nut



Galvanised

FS M6				
CODE	Finish	Size	kg 1 pc	pcs
FS M6 EG	EG	M6	0.002	100
FS M6 HDG	DAK	M6	0.002	100

EG: Electro-zinc plated
DAK: Dacromet

Stainless Steel

FS M6				
CODE	Finish	Size	kg 1 pc	pcs
FS M6 S4	A2	M6	0.002	100
FS M6 S6	A4	M6	0.002	100

A2: Stainless steel AISI 304L
A4: Stainless steel AISI 316L

FS M6



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

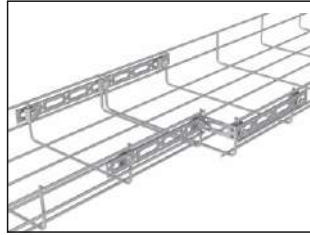
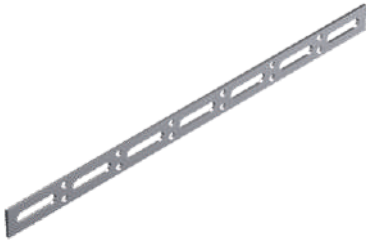
EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

Multipurpose Connection Strip

Многофункционална свързваща лента



Galvanised

VBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
VBE 3 PG	PG	300	0.045	100
VBE 6 PG	PG	600	0.090	50
VBE 12 PG	PG	1200	0.180	20
VBE 3 HDG	DAK	300	0.045	100
VBE 6 HDG	DAK	600	0.090	50
VBE 12 HDG	DAK	1200	0.180	20

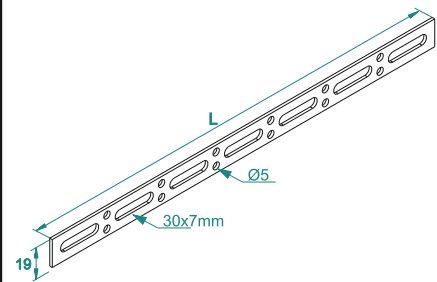
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

VBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
VBE 3 S4	S4	300	0.045	100
VBE 6 S4	S4	600	0.090	50
VBE 12 S4	S4	1200	0.180	20
VBE 3 S6	S6	300	0.045	100
VBE 6 S6	S6	600	0.090	50
VBE 12 S6	S6	1200	0.180	20

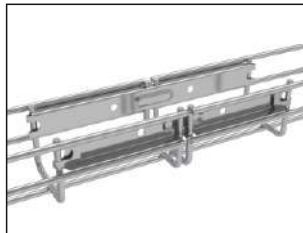
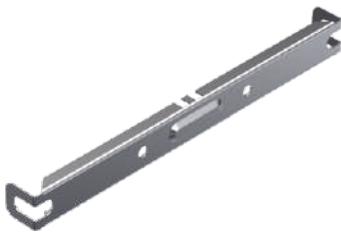
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

VBE



Boltless Connector

Конектор без болтове



Galvanised

HBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
HBE PG	PG	220	0.080	50
HBE HDG	DAK	220	0.080	50

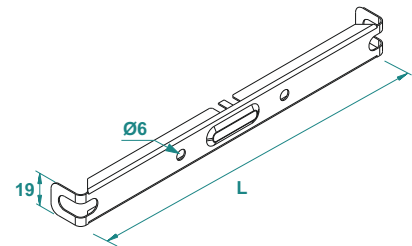
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

HBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
HBE S4	S4	220	0.080	50
HBE S6	S6	220	0.080	50

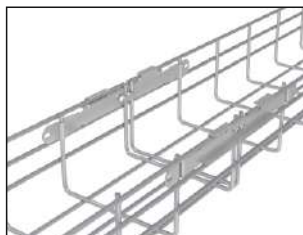
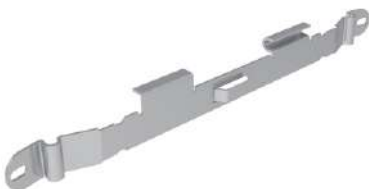
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

HBE



Straight Quick Connector

Прав бърз конектор



Galvanised

GBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
GBE PG	PG	260	0.100	50
GBE HDG	DAK	260	0.100	50

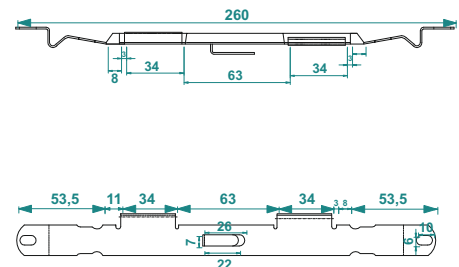
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

GBE				
CODE	Finish	Length L, mm	kg 1 pc	pcs
GBE S4	S4	260	0.100	50
GBE S6	S6	260	0.100	50

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

GBE



APPLICATIONS
Cable routing

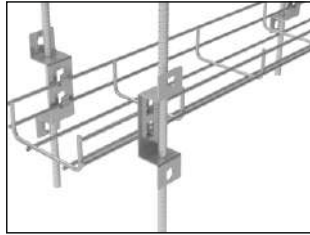
MATERIAL & FINISH
STEEL GRADE for EG & HDG FINISH: SAE 1006

EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:
EP-Powder coating in a full range of colours (RAL)

Hanger / Side Support

Закачалка / странична опора



Galvanised

HC					
CODE	Finish	Size	kg 1 pc	pcs	
HC PG	PG	113x30	0.050	100	
HC HDG	DAK	113x30	0.050	100	

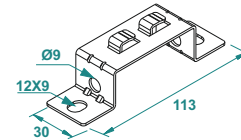
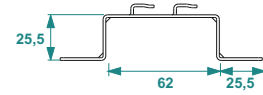
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

HC					
CODE	Finish	Size	kg 1 pc	pcs	
HC S4	S4	113x30	0.050	100	
HC S6	S6	113x30	0.050	100	

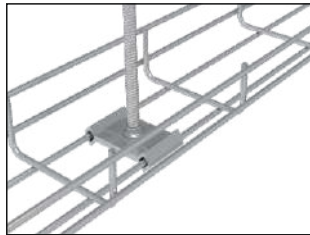
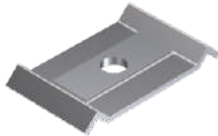
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

HC



Suspension Clamp / Central Support

Скоба за окачване



Galvanised

SC					
CODE	Finish	Size	kg 1 pc	pcs	
SC EG	EG	60x35	0.040	100	
SC HDG	DAK	60x35	0.040	100	

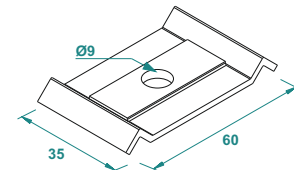
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

SC					
CODE	Finish	Size	kg 1 pc	pcs	
SC S4	S4	60x35	0.040	100	
SC S6	S6	60x35	0.040	100	

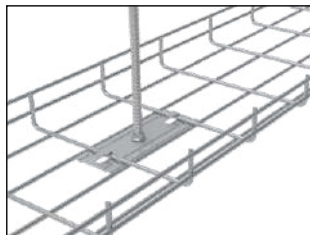
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

SC



Hanger / Central Support

Закачалка / Централна опора



Galvanised

H10					
CODE	Finish	Length L, mm	kg 1 pc	pcs	
H10 PG	PG	130	0.052	50	
H10 HDG	DAK	130	0.052	50	

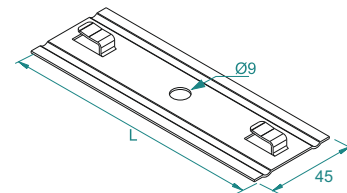
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

H10					
CODE	Finish	Length L, mm	kg 1 pc	pcs	
H10 S4	S4	130	0.052	50	
H10 S6	S6	130	0.052	50	

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

H10



APPLICATIONS
Cable routing

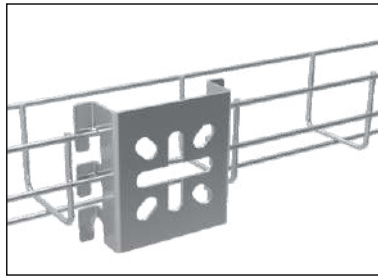
MATERIAL & FINISH
STEEL GRADE for EG & HDG FINISH: SAE 1006

EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:
EP-Powder coating in a full range of colours (RAL)

Wall Bracket and Boxes Fixing Support

Стенна скоба и опора за фиксиране на кутии



Galvanised

MSB					
CODE	Finish	Size	kg 1 pc	pcs	
MSB PG	PG	85x75	0.100	50	
MSB HDG	DAK	85x75	0.100	50	

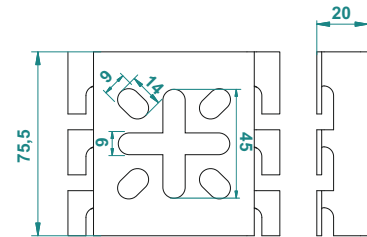
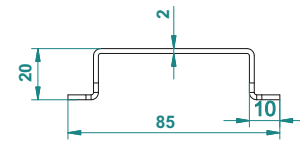
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

MSB					
CODE	Finish	Size	kg 1 pc	pcs	
MSB S4	S4	85x75	0.100	50	
MSB S6	S6	85x75	0.100	50	

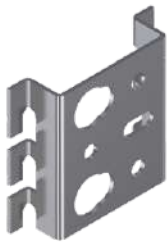
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

MSB



D16-20mm Pipe Mount Spider Bracket

D16-20mm - Паяжина за монтаж на тръба



Galvanised

BSB					
CODE	Finish	Size	kg 1 pc	pcs	
BSB PG	PG	85x75	0.100	50	
BSB HDG	DAK	85x75	0.100	50	

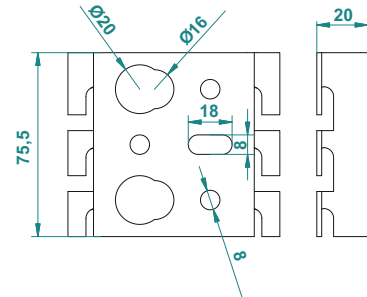
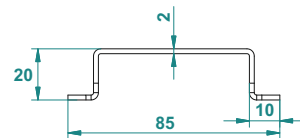
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

BSB					
CODE	Finish	Size	kg 1 pc	pcs	
BSB S4	S4	85x75	0.100	50	
BSB S6	S6	85x75	0.100	50	

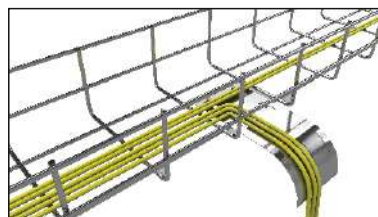
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

BSB



Cable Guider - CG

Кабеловодач



Galvanised

CG					
CODE	Finish	Size	kg 1 pc	pcs	
CG PG	PG	80x155	0.150	50	
CG HDG	DAK	80x155	0.150	50	

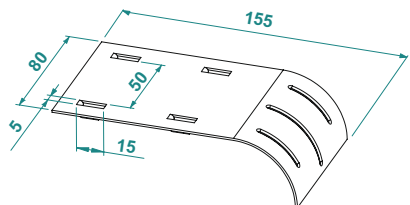
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

CG					
CODE	Finish	Size	kg 1 pc	pcs	
CG S4	S4	80x155	0.150	50	
CG S6	S6	80x155	0.150	50	

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

CG



APPLICATIONS

Cable routing

MATERIAL & FINISH

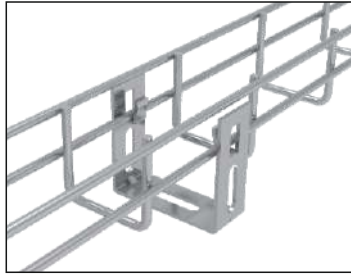
STEEL GRADE for EG & HDG FINISH: SAE 1006

EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

50 Floor Stand



Galvanised

FWS 50				
CODE	Finish	Size	KG 1 pc	pcs
FWS 50 PG	PG	70x70	0.080	50
FWS 50 HDG	DAK	70x70	0.080	50

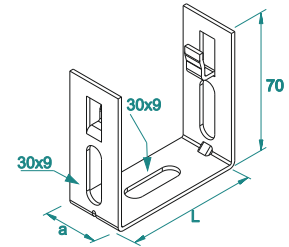
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

FWS 50				
CODE	Finish	Size	KG 1 pc	pcs
FWS 50 S4	S4	70x70	0.080	50
FWS 50 S6	S6	70x70	0.080	50

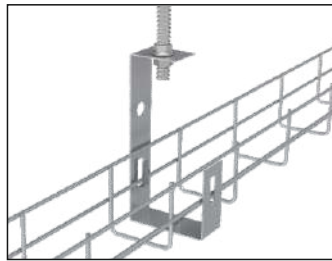
S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

FWS 50



50 Single Rod Ceiling Bracket (M8)

Единичен прът - конзола за таван



Galvanised

CWS 50				
CODE	Finish	Size	KG 1 pc	pcs
CWS 50 PG	PG	70x130	0.120	50
CWS 50 HDG	DAK	70x130	0.120	50

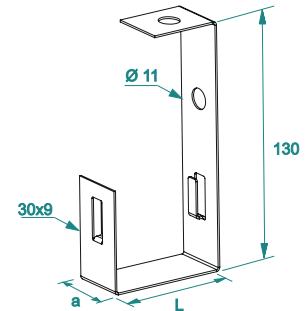
PG: Pregalvanised steel
DAK: Dacromet

Stainless Steel

CWS 50				
CODE	Finish	Size	KG 1 pc	pcs
CWS 50 S4	S4	70x130	0.120	50
CWS 50 S6	S6	70x130	0.120	50

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

CWS 50



Wire Mesh Hanging Bracket

Скоба за окачване от телена мрежа



Galvanised

OHB				
CODE	Finish	Size	KG 1 pc	pcs
OHB EG	EG	75x150	0.521	10
OHB HDG	HDG	75x150	0.521	10

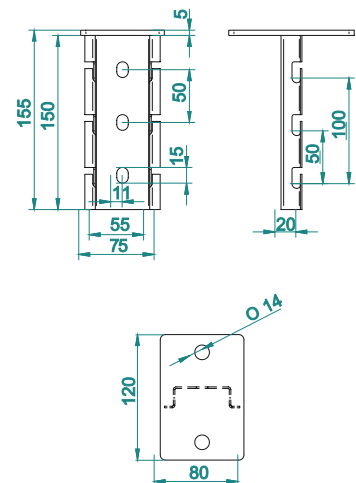
PG: Pregalvanised steel
HDG: HOT DIP GALVANISED

Stainless Steel

OHB				
CODE	Finish	Size	KG 1 pc	pcs
OHB S4	S4	75x150	0.521	10
OHB S6	S6	75x150	0.521	10

S4: Stainless steel AISI 304L
S6: Stainless steel AISI 316L

OHB 50



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

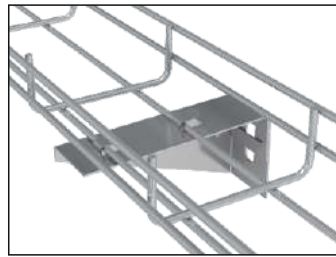
EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

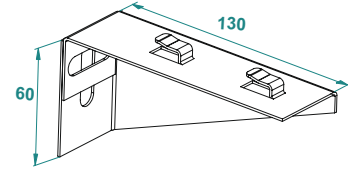
EP-Powder coating in a full range of colours (RAL)

Support For Wall Mounting

Опора за стениен монтаж



WBH 10



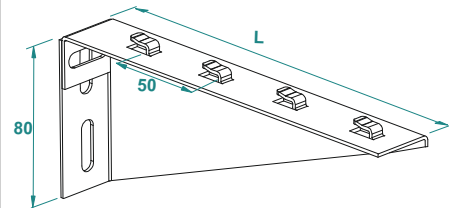
Pre-Galvanised

WBH	PG			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
WBH 10 PG	100	130	0.150	50
WBH 15 PG	150	180	0.194	50
WBH 20 PG	200	230	0.233	50
WBH 25 PG	250	280	0.260	50
WBH 30 PG	300	330	0.370	50
WBH 40 PG	400	430	0.570	50
WBH 45 PG	450	480	0.640	25
WBH 50 PG	500	530	0.710	25
WBH 60 PG	600	630	0.850	25

Hot Dip Galvanised

WBH	HDG			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
WBH 10 HDG	100	130	0.150	50
WBH 15 HDG	150	180	0.194	50
WBH 20 HDG	200	230	0.233	50
WBH 25 HDG	250	280	0.260	50
WBH 30 HDG	300	330	0.370	50
WBH 40 HDG	400	430	0.570	50
WBH 45 HDG	450	480	0.640	25
WBH 50 HDG	500	530	0.710	25
WBH 60 HDG	600	630	0.850	25

WBH 20 - WBH 60



Stainless Steel AISI 304

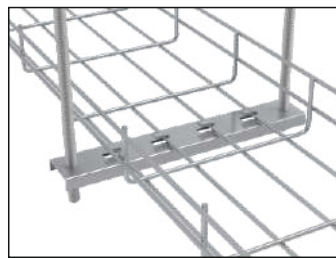
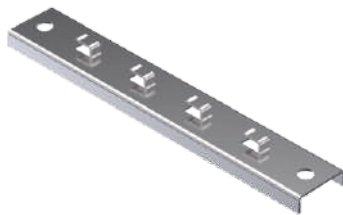
WBH	S4			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
WBH 10 S4	100	130	0.150	50
WBH 15 S4	150	180	0.194	50
WBH 20 S4	200	230	0.233	50
WBH 25 S4	250	280	0.260	50
WBH 30 S4	300	330	0.370	50
WBH 40 S4	400	430	0.570	50
WBH 45 S4	450	480	0.640	25
WBH 50 S4	500	530	0.710	25
WBH 60 S4	600	630	0.850	25

Stainless Steel AISI 316

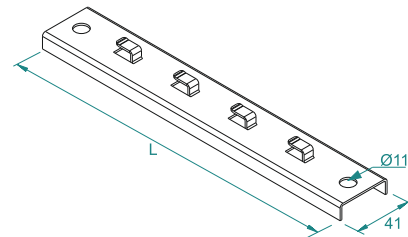
WBH	S6			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
WBH 10 S6	100	130	0.150	50
WBH 15 S6	150	180	0.194	50
WBH 20 S6	200	230	0.233	50
WBH 25 S6	250	280	0.260	50
WBH 30 S6	300	330	0.370	50
WBH 40 S6	400	430	0.570	50
WBH 45 S6	450	480	0.640	25
WBH 50 S6	500	530	0.710	25
WBH 60 S6	600	630	0.850	25

Hanging Rail / Central Support

Закчалка / Централна опора



HR



Pre-Galvanised

HR	PG			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
HR 10 PG	100	160	0.100	50
HR 15 PG	150	210	0.141	50
HR 20 PG	200	260	0.175	50
HR 25 PG	250	310	0.208	50
HR 30 PG	300	360	0.242	50
HR 40 PG	400	460	0.309	50
HR 45 PG	450	510	0.340	25
HR 50 PG	500	560	0.376	25
HR 60 PG	600	660	0.443	25

Hot Dip Galvanised

HR	HDG			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
HR 10 HDG	100	160	0.100	50
HR 15 HDG	150	210	0.141	50
HR 20 HDG	200	260	0.175	50
HR 25 HDG	250	310	0.208	50
HR 30 HDG	300	360	0.242	50
HR 40 HDG	400	460	0.309	50
HR 45 HDG	450	510	0.340	25
HR 50 HDG	500	560	0.376	25
HR 60 HDG	600	660	0.443	25

Stainless Steel AISI 304

HR	S4			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
HR 10 S4	100	160	0.100	50
HR 15 S4	150	210	0.141	50
HR 20 S4	200	260	0.175	50
HR 25 S4	250	310	0.208	50
HR 30 S4	300	360	0.242	50
HR 40 S4	400	460	0.309	50
HR 45 S4	450	510	0.340	25
HR 50 S4	500	560	0.376	25
HR 60 S4	600	660	0.443	25

Stainless Steel AISI 316

HR	S6			
CODE	Width of Tray	Length L, mm	Kg 1 pc	pcs
HR 10 S6	100	160	0.100	50
HR 15 S6	150	210	0.141	50
HR 20 S6	200	260	0.175	50
HR 25 S6	250	310	0.208	50
HR 30 S6	300	360	0.242	50
HR 40 S6	400	460	0.309	50
HR 45 S6	450	510	0.340	25
HR 50 S6	500	560	0.376	25
HR 60 S6	600	660	0.443	25

APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

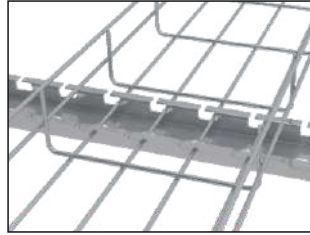
EG: Electro-galvanized (8-12 micron) EN ISO 2081
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

Wire Mesh Omega Support Hanger

Омега опорна закачалка от телена мрежа



Pre-Galvanised

OMG	PG	2.0mm		
CODE	Length L, mm	kg 1 pc	pcs	
OMG 100 PG	1000	1.520	2	
OMG 150 PG	1500	2.280	2	
OMG 200 PG	2000	3.040	2	
OMG 250 PG	2500	3.800	2	
OMG 300 PG	3000	4.560	2	

Hot Dip Galvanised

OMG	HDG	2.0mm		
CODE	Length L, mm	kg 1 pc	pcs	
OMG 100 HDG	1000	1.520	2	
OMG 150 HDG	1500	2.280	2	
OMG 200 HDG	2000	3.040	2	
OMG 250 HDG	2500	3.800	2	
OMG 300 HDG	3000	4.560	2	

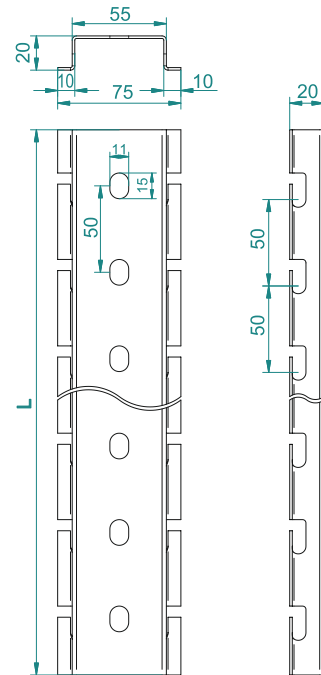
Pre-Galvanised

OMG	S4	2.0mm		
CODE	Length L, mm	kg 1 pc	pcs	
OMG 100 S4	1000	1.520	2	
OMG 150 S4	1500	2.280	2	
OMG 200 S4	2000	3.040	2	
OMG 250 S4	2500	3.800	2	
OMG 300 S4	3000	4.560	2	

Hot Dip Galvanised

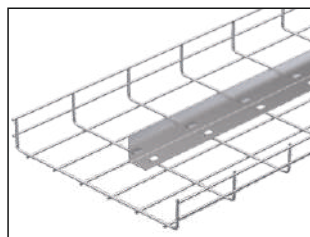
OMG	S6	2.0mm		
CODE	Length L, mm	kg 1 pc	pcs	
OMG 100 S6	1000	1.520	2	
OMG 150 S6	1500	2.280	2	
OMG 200 S6	2000	3.040	2	
OMG 250 S6	2500	3.800	2	
OMG 300 S6	3000	4.560	2	

OMG



Barrier Strip Hook Type

Преградна лента тип кука



Pre-Galvanised

BS	PG			
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs
BS 35 PG	25	3000	0.432	1
BS 60 PG	50	3000	0.628	1
BS 85 PG	75	3000	0.824	1
BS 110 PG	100	3000	1.021	1

Hot Dip Galvanised

BS	HDG			
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs
BS 35 HDG	25	3000	0.518	1
BS 60 HDG	50	3000	0.754	1
BS 85 HDG	75	3000	1.236	1
BS 110 HDG	100	3000	1.532	1

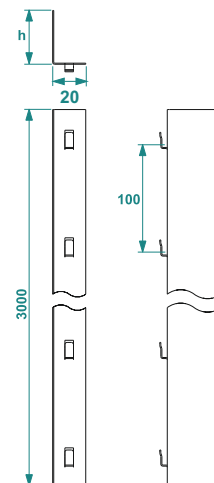
Stainless Steel AISI 304

BS	S4			
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs
BS 35 S4	25	3000	0.432	1
BS 60 S4	50	3000	0.628	1
BS 85 S4	75	3000	0.824	1
BS 110 S4	100	3000	1.021	1

Stainless Steel AISI 316

BS	S6			
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs
BS 35 S6	25	3000	0.432	1
BS 60 S6	50	3000	0.628	1
BS 85 S6	75	3000	0.824	1
BS 110 S6	100	3000	1.021	1

BS



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

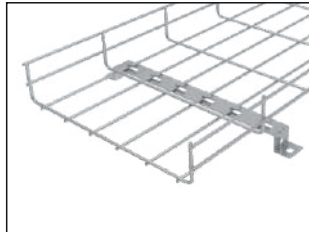
EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

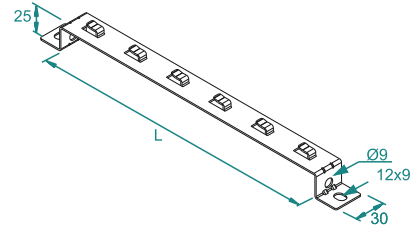
EP-Powder coating in a full range of colours (RAL)

Support For Floor and Wall Mounting

Опора за подов и стенов монтаж



FWH



Pre-Galvanised

FWH		PG			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
FWH 10 PG	100	100	0.140	50	
FWH 15 PG	150	150	0.180	50	
FWH 20 PG	200	200	0.210	50	
FWH 25 PG	250	250	0.250	50	
FWH 30 PG	300	300	0.280	50	
FWH 40 PG	400	400	0.350	50	
FWH 45 PG	450	450	0.390	25	
FWH 50 PG	500	500	0.420	25	
FWH 60 PG	600	600	0.490	25	

Hot Dip Galvanised

FWH		HDG			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
FWH 10 HDG	100	100	0.140	50	
FWH 15 HDG	150	150	0.180	50	
FWH 20 HDG	200	200	0.210	50	
FWH 25 HDG	250	250	0.250	50	
FWH 30 HDG	300	300	0.280	50	
FWH 40 HDG	400	400	0.350	50	
FWH 45 HDG	450	450	0.390	25	
FWH 50 HDG	500	500	0.420	25	
FWH 60 HDG	600	600	0.490	25	

Stainless Steel AISI 304

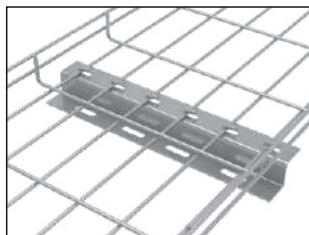
FWH		S4			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
FWH 10 S4	100	100	0.140	50	
FWH 15 S4	150	150	0.180	50	
FWH 20 S4	200	200	0.210	50	
FWH 25 S4	250	250	0.250	50	
FWH 30 S4	300	300	0.280	50	
FWH 40 S4	400	400	0.350	50	
FWH 45 S4	450	450	0.390	25	
FWH 50 S4	500	500	0.420	25	
FWH 60 S4	600	600	0.490	25	

Stainless Steel AISI 316

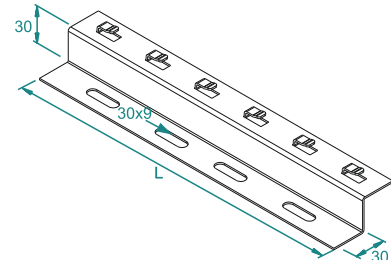
FWH		S6			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
FWH 10 S6	100	100	0.140	50	
FWH 15 S6	150	150	0.180	50	
FWH 20 S6	200	200	0.210	50	
FWH 25 S6	250	250	0.250	50	
FWH 30 S6	300	300	0.280	50	
FWH 40 S6	400	400	0.350	50	
FWH 45 S6	450	450	0.390	25	
FWH 50 S6	500	500	0.420	25	
FWH 60 S6	600	600	0.490	25	

Z Support for Floor and Wall Mounting

Z опора за под и стенов монтаж



ZFW



Pre-Galvanised

ZFW		PG			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
ZFW 10 PG	100	100	0.110	50	
ZFW 15 PG	150	150	0.160	50	
ZFW 20 PG	200	200	0.210	50	
ZFW 25 PG	250	250	0.260	50	
ZFW 30 PG	300	300	0.420	50	
ZFW 40 PG	400	400	0.570	50	
ZFW 45 PG	450	450	0.640	25	
ZFW 50 PG	500	500	0.710	25	
ZFW 60 PG	600	600	0.850	25	

Hot Dip Galvanised

ZFW		HDG			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
ZFW 10 HDG	100	100	0.110	50	
ZFW 15 HDG	150	150	0.160	50	
ZFW 20 HDG	200	200	0.210	50	
ZFW 25 HDG	250	250	0.260	50	
ZFW 30 HDG	300	300	0.420	50	
ZFW 40 HDG	400	400	0.570	50	
ZFW 45 HDG	450	450	0.640	25	
ZFW 50 HDG	500	500	0.710	25	
ZFW 60 HDG	600	600	0.850	25	

Stainless Steel AISI 304

ZFW		S4			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
ZFW 10 S4	100	100	0.110	50	
ZFW 15 S4	150	150	0.160	50	
ZFW 20 S4	200	200	0.210	50	
ZFW 25 S4	250	250	0.260	50	
ZFW 30 S4	300	300	0.420	50	
ZFW 40 S4	400	400	0.570	50	
ZFW 45 S4	450	450	0.640	25	
ZFW 50 S4	500	500	0.710	25	
ZFW 60 S4	600	600	0.850	25	

Stainless Steel AISI 316

ZFW		S6			
CODE	Width of Tray	Length L, mm	KG 1 pc	pcs	
ZFW 10 S6	100	100	0.110	50	
ZFW 15 S6	150	150	0.160	50	
ZFW 20 S6	200	200	0.210	50	
ZFW 25 S6	250	250	0.260	50	
ZFW 30 S6	300	300	0.420	50	
ZFW 40 S6	400	400	0.570	50	
ZFW 45 S6	450	450	0.640	25	
ZFW 50 S6	500	500	0.710	25	
ZFW 60 S6	600	600	0.850	25	

APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

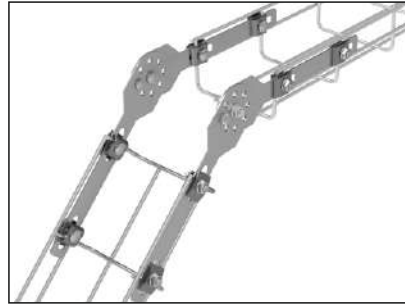
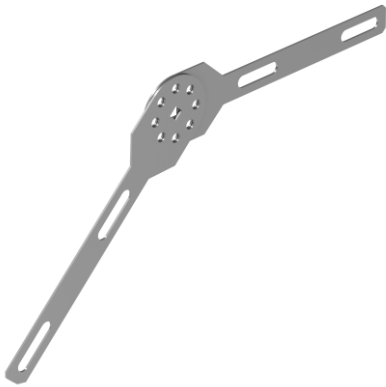
EG: Electro-galvanized (8-12 micron) EN ISO 2081
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

Barrier Strip Hook Type

Преградна лента тип кука



Pre-Galvanized

BDDT		PG		2.0mm	
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs	
BDDT 120 PG	20	380	0,283	100	
BDDT 140 PG	40	380	0,389	100	

Hot Dip Galvanized

BDDT		HDG		2.0mm	
CODE	Height H, mm	Length L, mm	kg 1 pc	pcs	
BDDT 120 HDG	20	380	0,283	100	
BDDT 140 HDG	40	380	0,389	100	

Stainless Steel 304

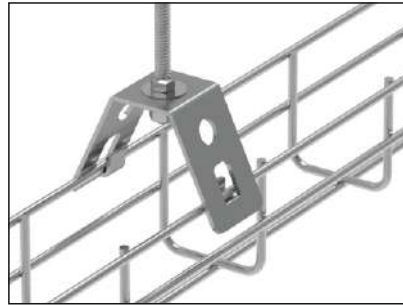
BDDT		S4		2.0mm	
CODE	Height H, mm	Hole D, mm	kg 1 pc	pcs	
BDDT 120 S4	50	M10	0,082	100	
BDDT 140 S4	100	M10	0,126	100	

Stainless Steel 316

BDDT		S6		2.0mm	
CODE	Height H, mm	Hole D, mm	kg 1 pc	pcs	
BDDT 120 S6	50	M10	0,082	100	
BDDT 140 S6	100	M10	0,126	100	

Support For Wall Mounting

Опора за степен монтаж



Pre-Galvanized

HRS		PG			
CODE	Width W, mm	Hole D, mm	kg 1 pc	pcs	
HRS 50 PG	50	M10	0,082	100	
HRS 100 PG	100	M10	0,126	100	
HRS 150 PG	150	M10	0,163	100	
HRS 200 PG	200	M10	0,283	100	

Hot Dip Galvanized

HRS		HDG			
CODE	Width W, mm	Hole D, mm	kg 1 pc	pcs	
HRS 50 HDG	50	M10	0,082	100	
HRS 100 HDG	100	M10	0,126	100	
HRS 150 HDG	150	M10	0,163	100	
HRS 200 HDG	200	M10	0,283	100	

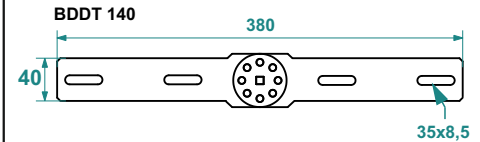
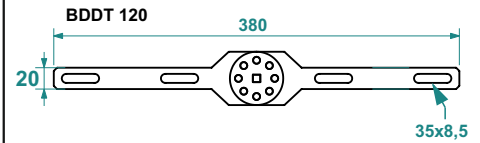
Stainless Steel 304

HRS		S4			
CODE	Width W, mm	Hole D, mm	kg 1 pc	pcs	
HRS 50 S4	50	M10	0,082	100	
HRS 100 S4	100	M10	0,126	100	
HRS 150 S4	150	M10	0,163	100	
HRS 200 S4	200	M10	0,283	100	

Stainless Steel 316

HRS		S6			
CODE	Width W, mm	Hole D, mm	kg 1 pc	pcs	
HRS 50 S6	50	M10	0,082	100	
HRS 100 S6	100	M10	0,126	100	
HRS 150 S6	150	M10	0,163	100	
HRS 200 S6	200	M10	0,283	100	

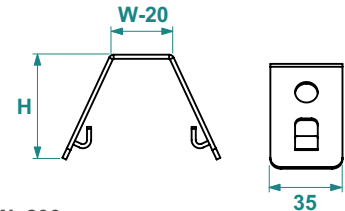
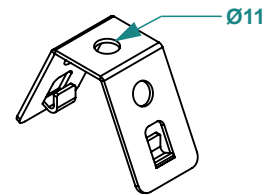
BDDT



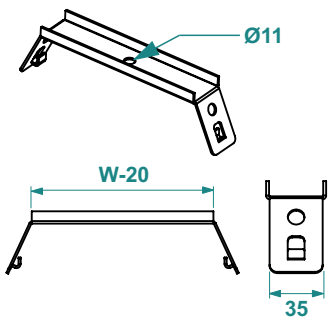
1 Set=2 pcs

HRS

W: 50 / 100 / 150



W: 200



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

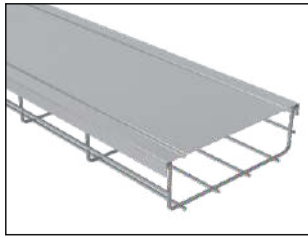
EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS-Stainless steel AISI 304L and AISI 316L (SS)

Available Finishes:

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

Cover of Wire Mesh Cable Tray

Капак на кабелна скара от телена мрежа



Pre-Galvanised

TKK	PG	0.8mm		
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 05 08 PG	50	3000	0.628	2
TKK 10 08 PG	100	3000	0.942	2
TKK 15 08 PG	150	3000	1.256	2
TKK 20 08 PG	200	3000	1.570	2
1.0mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 25 10 PG	250	3000	2.355	2
TKK 30 10 PG	300	3000	2.748	2
1.2mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 40 12 PG	400	3000	4.239	2
TKK 45 12 PG	450	3000	4.710	2
TKK 50 12 PG	500	3000	5.181	2
TKK 60 12 PG	600	3000	6.123	2

Hot Dip Galvanised

TKK	HDG	1.0mm		
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 05 10 HDG	50	3000	0.785	2
TKK 10 10 HDG	100	3000	1.178	2
TKK 15 10 HDG	150	3000	1.570	2
TKK 20 10 HDG	200	3000	1.963	2
1.2mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 25 12 HDG	250	3000	2.826	2
TKK 30 12 HDG	300	3000	3.297	2
1.5mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 40 15 HDG	400	3000	5.299	2
TKK 45 15 HDG	450	3000	5.888	2
TKK 50 15 HDG	500	3000	6.476	2
TKK 60 15 HDG	600	3000	7.654	2

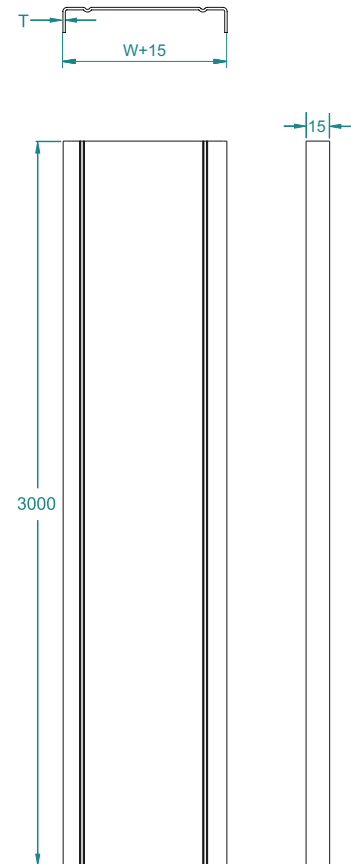
Stainless Steel AISI 304

TKK	S4	0.8mm		
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 05 08 S4	50	3000	0.628	2
TKK 10 08 S4	100	3000	0.942	2
TKK 15 08 S4	150	3000	1.256	2
TKK 20 08 S4	200	3000	1.570	2
TKK 25 08 S4	250	3000	1.884	2
TKK 30 08 S4	300	3000	2.198	2
1.0mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 40 10 S4	400	3000	3.533	2
TKK 45 10 S4	450	3000	3.925	2
TKK 50 10 S4	500	3000	4.318	2
TKK 60 10 S4	600	3000	5.103	2

Stainless Steel AISI 316

TKK	S6	0.8mm		
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 05 08 S6	50	3000	0.628	2
TKK 10 08 S6	100	3000	0.942	2
TKK 15 08 S6	150	3000	1.256	2
TKK 20 08 S6	200	3000	1.570	2
TKK 25 08 S6	250	3000	1.884	2
TKK 30 08 S6	300	3000	2.198	2
1.0mm				
CODE	Width a, mm	Length L, mm	kg 1 pc	pcs
TKK 40 10 S6	400	3000	3.533	2
TKK 45 10 S6	450	3000	3.925	2
TKK 50 10 S6	500	3000	4.318	2
TKK 60 10 S6	600	3000	5.103	2

TKK



APPLICATIONS

Cable routing

MATERIAL & FINISH

STEEL GRADE for EG & HDG FINISH: SAE 1006

EG: Electro-galvanized (8-12 micron) EN ISO 2081
 HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 SS-Stainless steel AISI 304L and AISI 316L (SS)

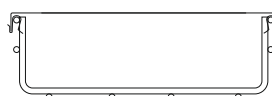
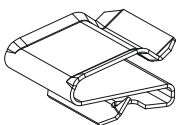
Available Finishes:

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

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

Universal Cover Clip

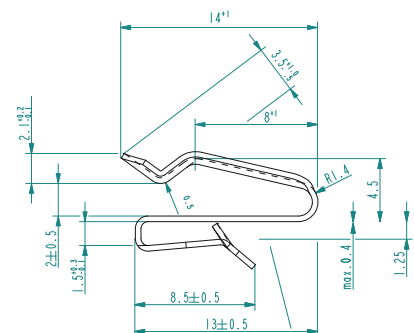
Универсална щипка за капак



KT TEL

CODE	Steel T, mm	Wire Ø D, mm	kg 1 pc	pcs
KT TEL	0.8-1.5	4-5	0.002	100

TK TEL

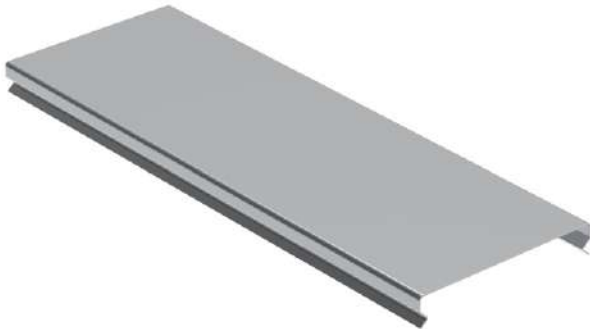


MATERIAL & FINISH

C67S DIN EN 10132-4

Cover of Wire Mesh Cable Tray

Капак на кабелна скара от телена мрежа - (серия FKK)



Pre-Galvanised

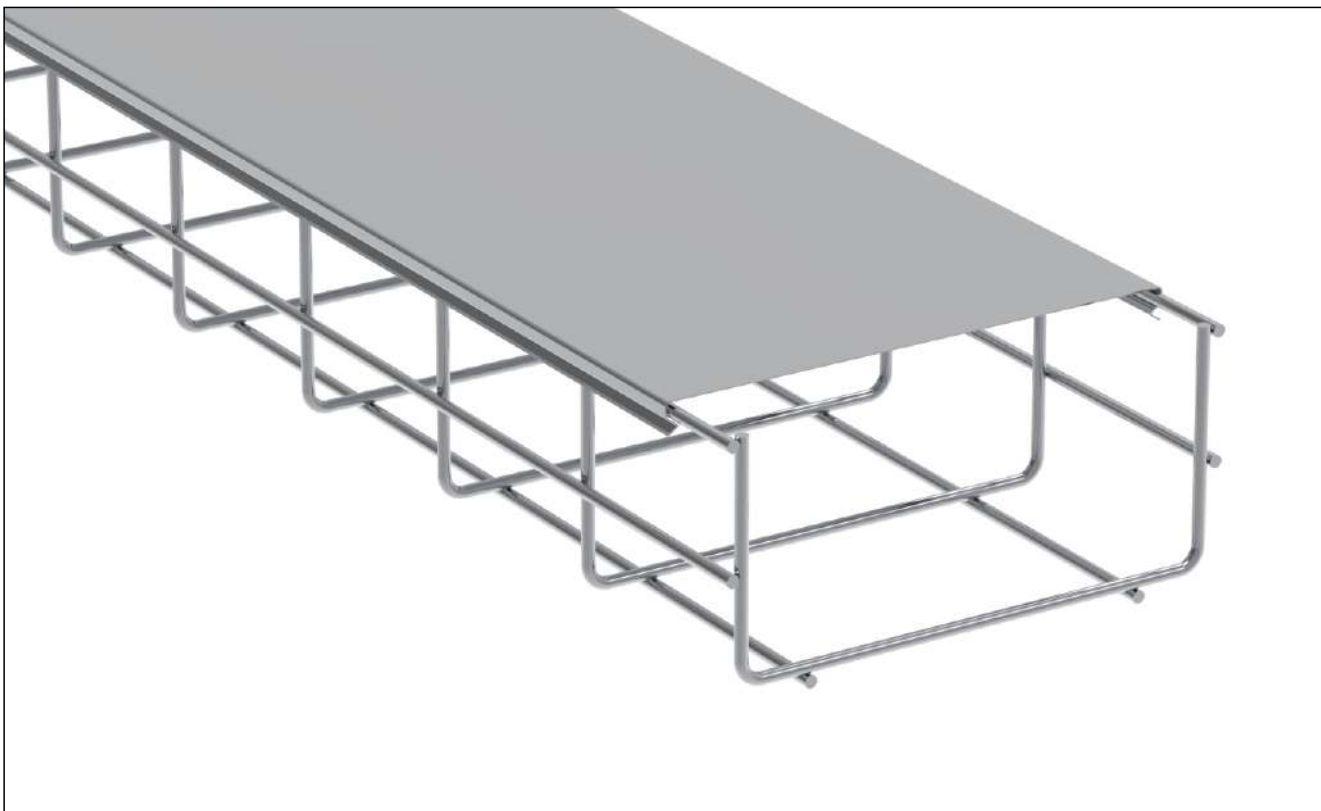
FKK		PG		0.6mm	
CODE	Width w, mm	Length L, mm	KG 1 pc	pcs	
FKK 065 06 PG	65	3000	0,495	2	
FKK 11 06 PG	110	3000	0,707	2	
FKK		PG		0.7mm	
CODE	Width w, mm	Length L, mm	KG 1 pc	pcs	
FKK 16 07 PG	160	3000	1,100	2	
FKK 21 07 PG	210	3000	1,374	2	
FKK		PG		0.8mm	
CODE	Width w, mm	Length L, mm	KG 1 pc	pcs	
FKK 26 08 PG	260	3000	1,884	2	
FKK 31 08 PG	310	3000	2,198	2	
FKK		PG		1.0mm	
CODE	Width w, mm	Length L, mm	KG 1 pc	pcs	
FKK 41 10 PG	410	3000	3,533	2	
FKK 46 10 PG	460	3000	3,925	2	
FKK 51 10 PG	510	3000	4,318	2	
FKK 61 10 PG	610	3000	5,103	2	

FKK

APPLICATIONS
Cable routing

MATERIAL & FINISH
PG-Pregalvanized

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



Earthing Clamp

Заземителна скоба



Brass

TPC					
CODE	Section mm ²	Thread a, mm	kg 1 pc	pcs	
TPC	1x35	M6	0.03	100	
TPC 70	1x70	M6	0.05	100	

Earthing Clamp 16x16

Заземителна скоба



Brass

TPP								
CODE	Section (mm ²)	Pc	Bolt (M) Size	Height H, mm	Length L, mm	Clamping R, Raidus	kg 1 pc	pcs
TPP 25	4-25	1	M6x25	30	20	3,75	0.055	300
TPP 35	6-35	1	M8x30	35	22	3,75	0.060	250
TPP 50	6-50	1	M8x35	40	24	5,25	0.080	200
TPP 70	10-70	1	M8x35	40	25	5,25	0.105	150
TPP 95	10-95	2	M8x40	45	36	6,45	0.200	100
TPP 120	16-120	2	M8x40	45	42	6,45	0.240	100
TPP 150	25-150	3	M8x40	45	52	6,45	0.370	75

Earthing Strap Grounding - Tin Plated

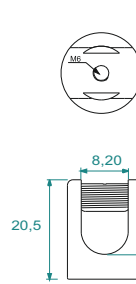
Заземителна лента за заземяване - калайдисана



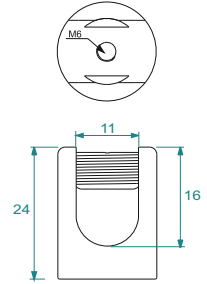
Tin Plated Copper

TPS					
CODE	Section mm ²	Length L, mm	kg 1 pc	pcs	
TPS	6 mm ²	80	0.008	100	
TPS 150	6 mm ²	130	0.016	100	

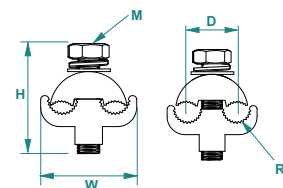
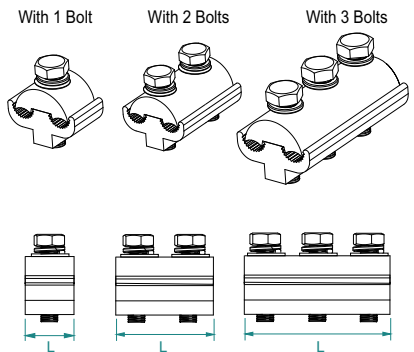
TPC



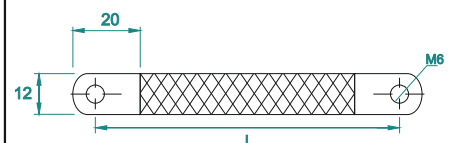
TPC 70



TPP

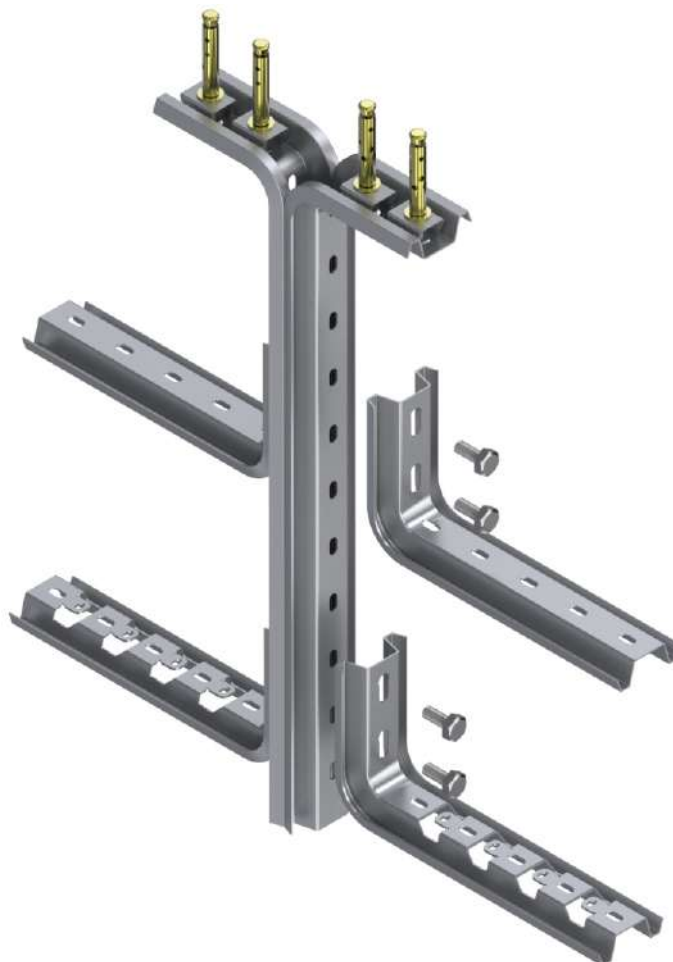


TPS



Tin Plated Copper

поддържащи омега системи



Omega "C" Bracket

Омега "C" скоба



Pre-Galvanized

DKC ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
DKC 10 PG	145	1.3	0.58	30	
DKC 15 PG	195	1.0	0.64	25	
DKC 20 PG	245	0.8	0.71	20	
DKC 30 PG	345	0.5	0.85	15	
DKC 40 PG	445	0.3	0.99	10	

Hot-Dip Galvanized

DKC ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
DKC 10 HDG	145	1.3	0.58	30	
DKC 15 HDG	195	1.0	0.64	25	
DKC 20 HDG	245	0.8	0.71	20	
DKC 30 HDG	345	0.5	0.85	15	
DKC 40 HDG	445	0.3	0.99	10	

Omega "C" Bracket (Universal)

Омега "C" скоба (универсална)



Pre-Galvanized

WBC ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
WBC 10 PG	170	1.3	0.66	30	
WBC 15 PG	220	1.0	0.73	25	
WBC 20 PG	270	0.8	0.80	20	
WBC 30 PG	370	0.5	0.94	15	
WBC 40 PG	470	0.3	1.08	10	

Hot-Dip Galvanized

WBC ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
WBC 10 HDG	170	1.3	0.66	30	
WBC 15 HDG	220	1.0	0.73	25	
WBC 20 HDG	270	0.8	0.80	20	
WBC 30 HDG	370	0.5	0.94	15	
WBC 40 HDG	470	0.3	1.08	10	

Omega Spacer

Омега дистанционер



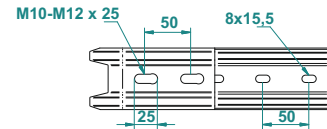
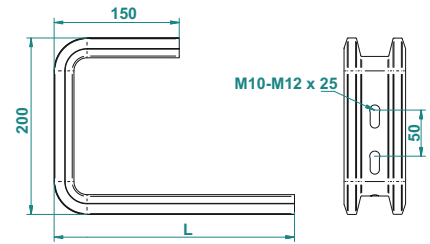
Pre-Galvanized

OMP			
CODE	kg	pcs	
OMP PG	0.02	100	

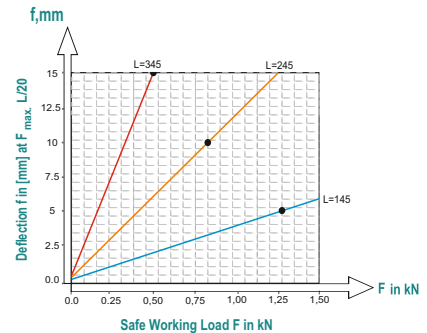
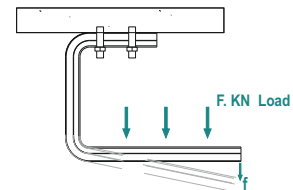
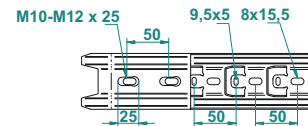
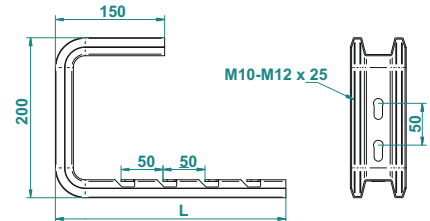
Hot-Dip Galvanized

OMP			
CODE	kg	pcs	
OMP HDG	0.02	100	

DKC



WBC



APPLICATIONS

Cable routing / Standard : IEC 61537

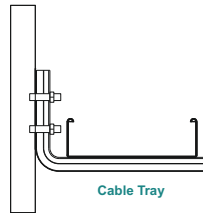
Available finishes:

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

Thickn. (ga) [mm]: **2.0**

Omega "L" Bracket

Омега "L" скоба



Pre-Galvanized

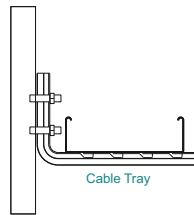
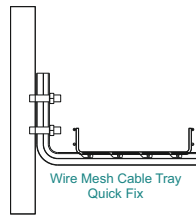
DKL ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
DKL 10 PG	145	1.5	0.38	50	
DKL 15 PG	195	1.0	0.46	50	
DKL 20 PG	245	0.8	0.53	50	
DKL 30 PG	345	0.5	0.69	25	

Hot-Dip Galvanized

DKL ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
DKL 10 HDG	145	1.5	0.38	50	
DKL 15 HDG	195	1.0	0.46	50	
DKL 20 HDG	245	0.8	0.53	50	
DKL 30 HDG	345	0.5	0.69	25	

Omega "L" Bracket (Universal)

Омега "L" скоба (универсална)



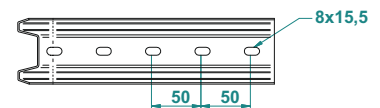
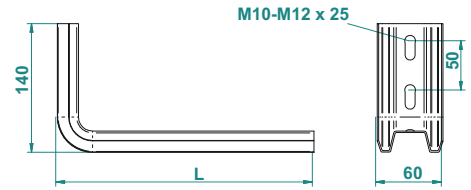
Pre-Galvanized

WBL ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
WBL 10 PG	170	1.5	0.43	50	
WBL 15 PG	220	1.0	0.50	50	
WBL 20 PG	270	0.8	0.57	50	
WBL 30 PG	370	0.5	0.71	25	
WBL 40 PG	470	0.3	0.85	25	

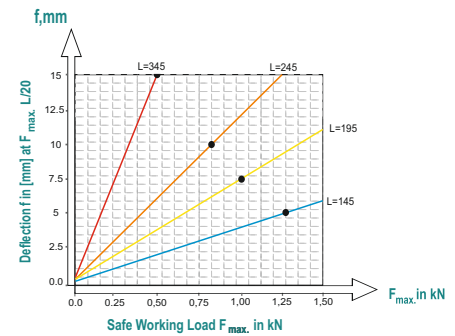
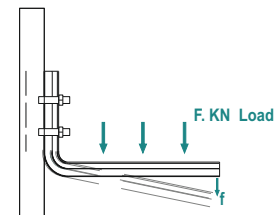
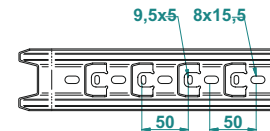
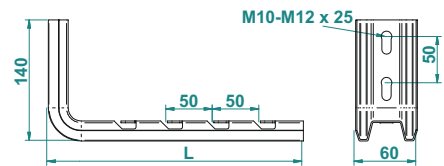
Hot-Dip Galvanized

WBL ...					
CODE	Length L mm	F.max KN	kg 1pc	pcs	
WBL 10 HDG	170	1.5	0.43	50	
WBL 15 HDG	220	1.0	0.50	50	
WBL 20 HDG	270	0.8	0.57	50	
WBL 30 HDG	370	0.5	0.71	25	
WBL 40 HDG	470	0.3	0.85	25	

DKL



WBL



APPLICATIONS

Cable routing / Standard : IEC 61537

Available finishes:

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

Thickn. (ga) [mm]: **2.0**

Omega "L" Bracket (hanging support)

Омега "L" скоба (опора за окачване)

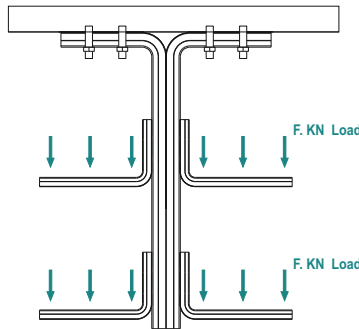
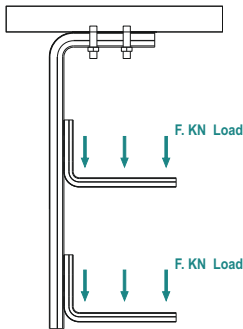


Pre-Galvanized

DKL ...					
CODE	Length L mm	F.max KN	kg	pcs	
DKL 40 PG	445	1.0	0.84	25	
DKL 50 PG	545	0.8	0.99	25	
DKL 60 PG	645	0.6	1.14	25	

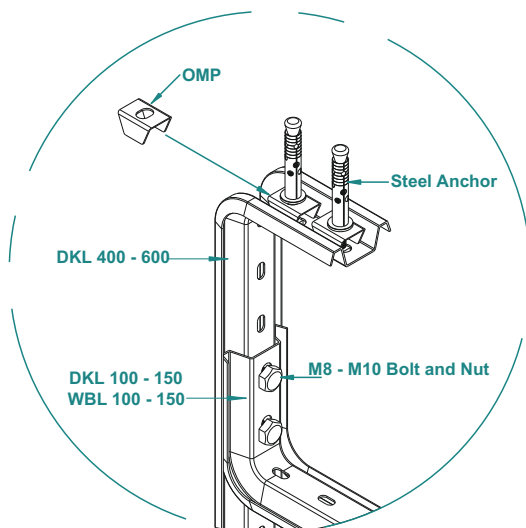
Hot-Dip Galvanized

DKL ...					
CODE	Length L mm	F.max KN	kg	pcs	
DKL 40 HDG	445	1.0	0.84	25	
DKL 50 HDG	545	0.8	0.99	25	
DKL 60 HDG	645	0.6	1.14	25	

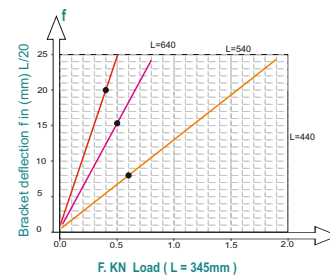
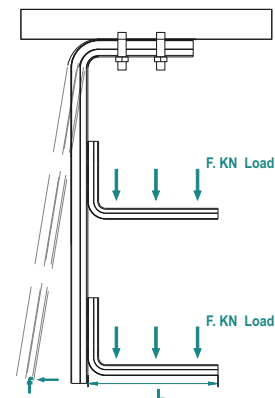
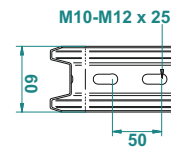
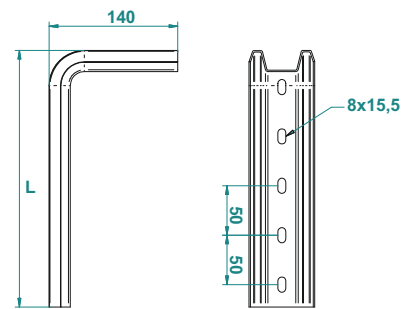


Single - Sided	Maxi Load F (KN)		
	Bracket Width		
L	145	245	345
445	1.5	1.0	0.6
545	1.5	1.0	0.5
645	1.2	0.7	0.4

Double - Sided	Maxi Load F (KN)		
	Bracket Width		
L	145	245	345
445	1.5	1.5	1.2
545	1.5	1.4	1.1
645	1.5	1.2	1.0



DETAIL A



APPLICATIONS

Cable routing / Standard : IEC 61537

Available finishes:

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

Thickn. (ga) [mm]: **2.0**

Omega Profile

Омега профил



Pre-Galvanized

CP ...					
CODE	Size	Length L mm	kg 1m	pcs	
CP 300 PG	60x20	3000	1,52	10	
CP 250 PG	60x20	2500	1,52	10	
CP 200 PG	60x20	2000	1,52	10	

Hot-Dip Galvanized

CP ...					
CODE	Size	Length L mm	kg 1m	pcs	
CP 300 HDG	60x20	3000	1,52	10	
CP 250 HDG	60x20	2500	1,52	10	
CP 200 HDG	60x20	2000	1,52	10	

Omega Profile (Universal)

Омега профил (универсален)

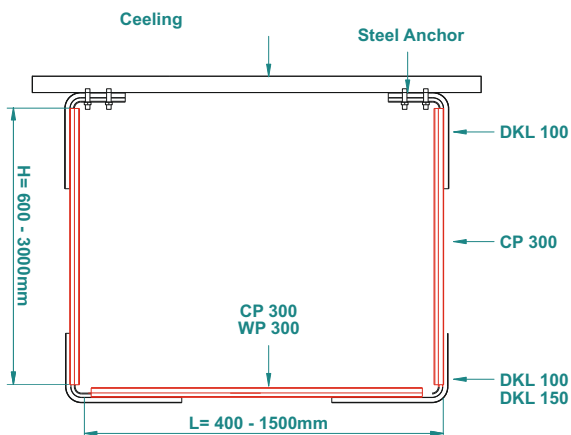


Pre-Galvanized

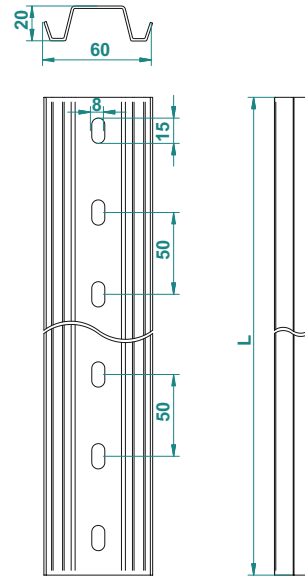
WP ...					
CODE	Size	Length L mm	kg 1m	pcs	
WP 300 PG	60x20	3000	1,52	10	
WP 250 PG	60x20	2500	1,52	10	
WP 200 PG	60x20	2000	1,52	10	

Hot-Dip Galvanized

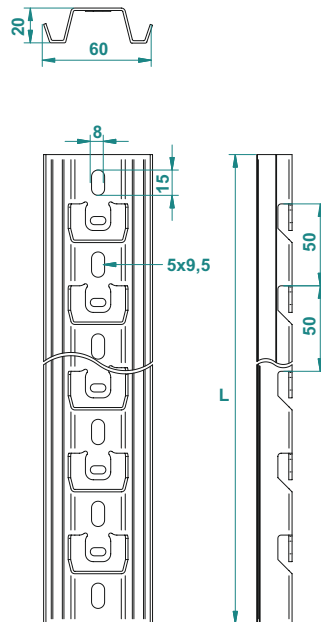
WP ...					
CODE	Size	Length L mm	kg 1m	pcs	
WP 300 HDG	60x20	3000	1,52	10	
WP 250 HDG	60x20	2500	1,52	10	
WP 200 HDG	60x20	2000	1,52	10	



CP



WP



APPLICATIONS

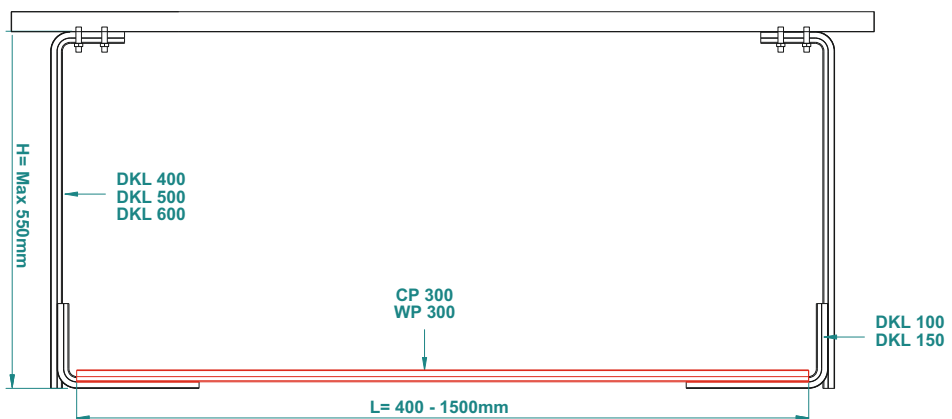
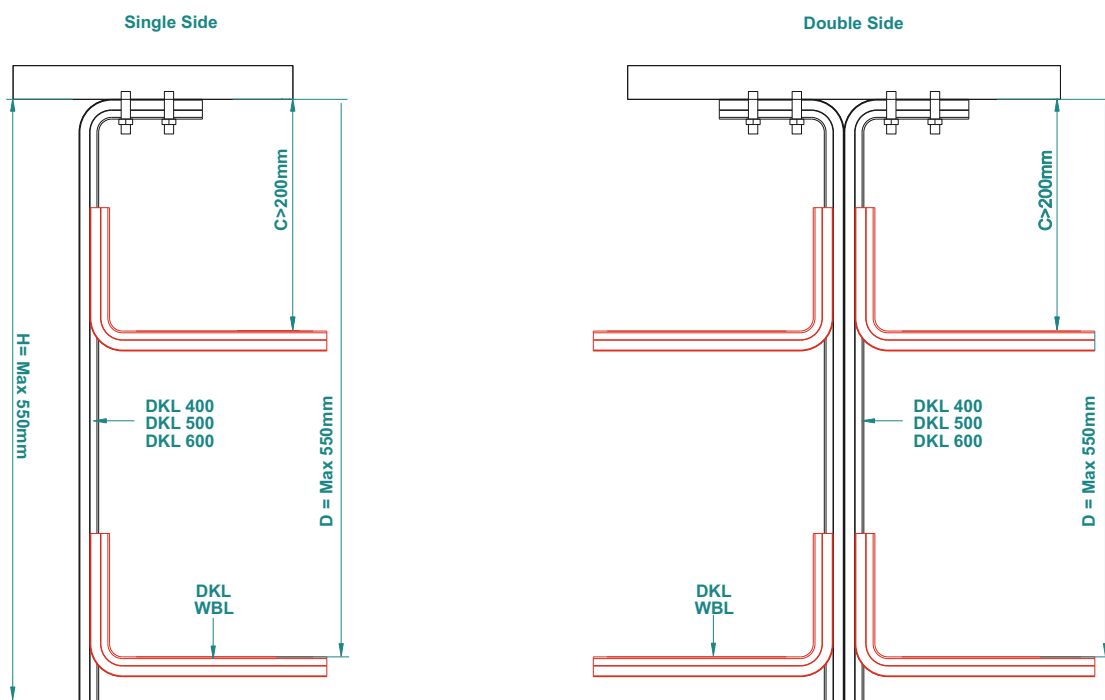
Cable routing / Standard : IEC 61537

Available finishes:

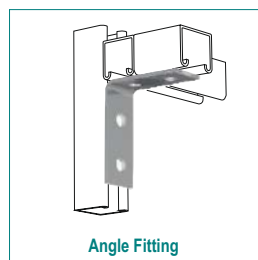
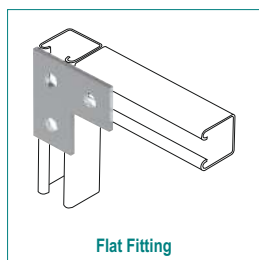
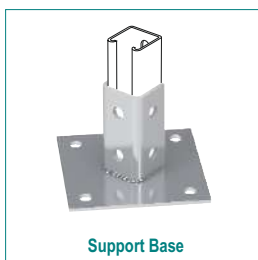
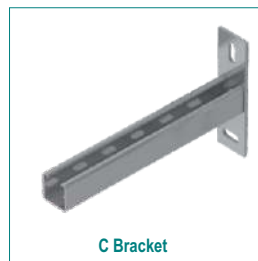
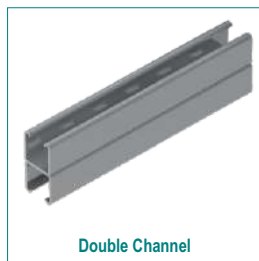
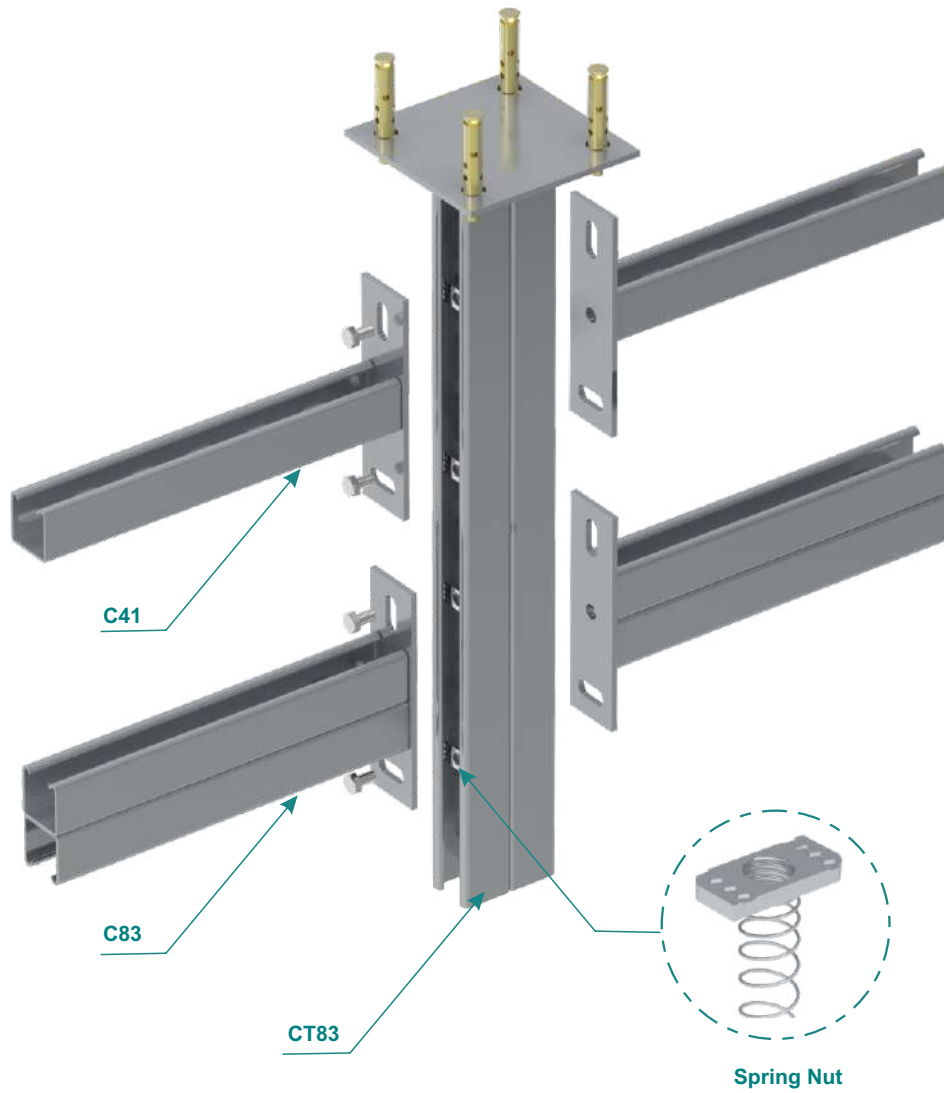
Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
 PG- Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)
 SS- stainless steel AISI 304L and AISI 316L (SS)
 EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.5 2.0

Монтаж



"C" опорни системи



C Channel 21x41

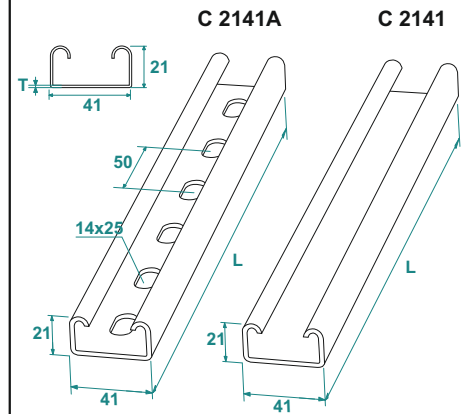
Канал "C" (21x41)



C 2141A
Perforated



C 2141
Non-Perforated



Pre-Galvanised

C 2141A L:3000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 2141A 12 PG	1,2	3000	0,85	1
C 2141A 15 PG	1,5	3000	1,05	1
C 2141A 20 PG	2,0	3000	1,45	1
C 2141A 25 PG	2,5	3000	1,80	1

Pre-Galvanised

C 2141 L:3000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 2141 12 PG	1,2	3000	0,95	1
C 2141 15 PG	1,5	3000	1,19	1
C 2141 20 PG	2,0	3000	1,59	1
C 2141 25 PG	2,5	3000	1,98	1

Hot Dip Galvanised

C 2141A L:3000-6000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 2141A 15 HDG	1,5	3000	1,13	1
C 2141A 20 HDG	2,0	3000	1,51	1
C 2141A 25 HDG	2,5	3000	1,88	1
C 2141A.60 20 HDG	2,0	6000	1,51	1
C 2141A.60 25 HDG	2,5	6000	1,88	1

Hot Dip Galvanised

C 2141 L:3000-6000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 2141 15 HDG	1,5	3000	1,19	1
C 2141 20 HDG	2,0	3000	1,59	1
C 2141 25 HDG	2,5	3000	1,98	1
C 2141.60 20 HDG	2,0	6000	1,59	1
C 2141.60 25 HDG	2,5	6000	1,98	1

C Double Channel 42x41 (Welded)

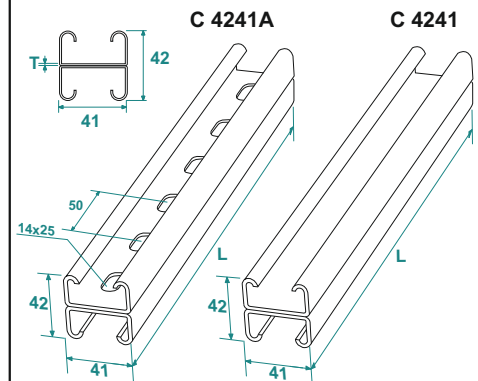
Двоен "C" канал (21x41)



C 4241A
Perforated



C 4241
Non-Perforated



Hot Dip Galvanised

C 4241A L:3000-6000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 4241A 20 HDG	2,0	3000	3,01	1
C 4241A 25 HDG	2,5	3000	3,77	1
C 4241A.60 20 HDG	2,0	6000	3,01	1
C 4241A.60 25 HDG	2,5	6000	3,77	1

Hot Dip Galvanised

C 4241 L:3000-6000

CODE	Thickness T mm	Length L mm	KG 1 m	pcs
C 4241 20 HDG	2,0	3000	3,14	1
C 4241 25 HDG	2,5	3000	3,93	1
C 4241.60 20 HDG	2,0	6000	3,14	1
C 4241.60 25 HDG	2,5	6000	3,93	1

C 2141A	Unit	Z - Z AXIS			Y - Y AXIS		
		1,5	2,0	2,5	1,5	2,0	2,5
Moment of Inertia	cm ⁴	3,34	4,25	5,07	0,7	0,88	1,03
Section Modulus	cm ³	1,68	1,88	2,59	0,6	0,75	0,89
Allowable Bending Stress	kN/cm ²	21,82	21,82	21,82	21,82	21,82	21,82

C 4241A	Unit	Z - Z AXIS		Y - Y AXIS	
		2,0	2,5	2,0	2,5
Moment of Inertia	cm ⁴	8,51	10,14	4,60	5,55
Section Modulus	cm ³	4,26	5,18	2,19	2,65
Allowable Bending Stress	kN/cm ²	21,82	21,82	21,82	21,82

APPLICATIONS

Cable routing / Standard: IEC 61537

MATERIAL

Steel, strip-galv. acc. to the sendzimir method to TS-EN 10346:2011 (PG)
HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

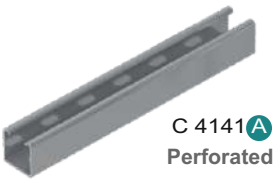
Available finishes:

SS- Stainless steel AISI 304L and 316l (ss)
EP- Powder coating in a full range of colours (RAL)

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

C Channel 41x41

"C" профил



Pre-Galvanised

C 4141A L:3000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141A 15 PG	1,5	3000	1,55	1
C 4141A 20 PG	2,0	3000	2,07	1
C 4141A 25 PG	2,5	3000	2,58	1

Pre-Galvanised

C 4141 L:3000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141 15 PG	1,5	3000	1,65	1
C 4141 20 PG	2,0	3000	2,20	1
C 4141 25 PG	2,5	3000	2,75	1

Hot Dip Galvanised

C 4141A L:3000-6000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141A 15 HDG	1,5	3000	1,58	1
C 4141A 20 HDG	2,0	3000	2,11	1
C 4141A 25 HDG	2,5	3000	2,64	1
C 4141A.60 20 HDG	2,0	6000	2,11	1
C 4141A.60 25 HDG	2,5	6000	2,64	1

Hot Dip Galvanised

C 4141 L:3000-6000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141 15 HDG	1,5	3000	1,65	1
C 4141 20 HDG	2,0	3000	2,20	1
C 4141 25 HDG	2,5	3000	2,75	1
C 4141.60 20 HDG	2,0	6000	2,20	1
C 4141.60 25 HDG	2,5	6000	2,75	1

C Double Channel 83x41 (Welded)

"C" профил (83x41) - (заварен)



Hot Dip Galvanised

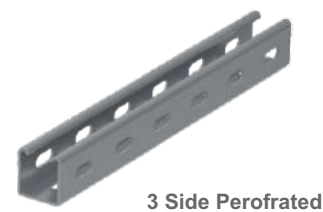
C 8341A L:3000-6000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 8341A 20 HDG	2,0	3000	4,22	1
C 8341A 25 HDG	2,5	3000	5,28	1
C 8341A.60 20 HDG	2,0	6000	4,22	1
C 8341A.60 25 HDG	2,5	6000	5,28	1

Hot Dip Galvanised

C 8341 L:3000-6000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 8341 20 HDG	2,0	3000	4,40	1
C 8341 25 HDG	2,5	3000	5,50	1
C 8341.60 20 HDG	2,0	6000	4,40	1
C 8341.60 25 HDG	2,5	6000	5,50	1

C Channel 41x41

Канал "C" (41x41) / 3 странични слота

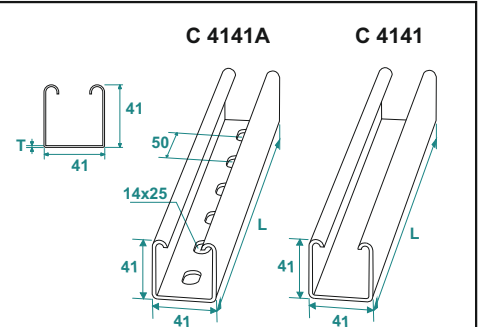


Pre-Galvanised

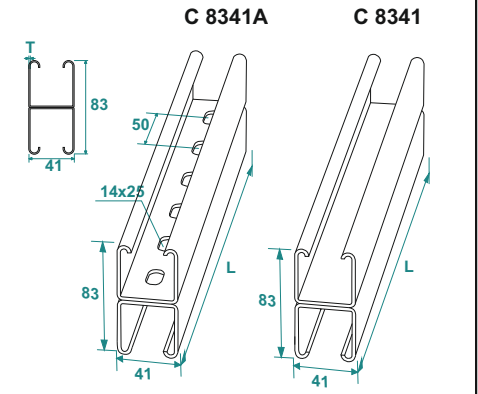
C 4141B L:3000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141B 15 PG	1,5	3000	1,41	1
C 4141B 20 PG	2,0	3000	1,88	1
C 4141B 25 PG	2,5	3000	2,35	1

Hot Dip Galvanised

C 4141B L:3000				
CODE	Thickness T mm	Length L mm	kg 1 m	pcs
C 4141B 15 HDG	1,5	3000	1,48	1
C 4141B 20 HDG	2,0	3000	1,98	1
C 4141B 25 HDG	2,5	3000	2,47	1

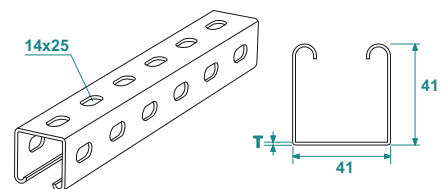


C 4141A	Unit	Z - Z AXIS			Y - Y AXIS		
		1,5	2,0	2,5	1,5	2,0	2,5
Moment of Inertia	cm ⁴	5,68	6,99	8,67	3,87	4,59	5,87
Section Modulus	cm ³	3,58	4,26	5,18	1,76	2,18	2,72
Allowable Bending Stress	kN/cm ²	21,82	21,82	21,82	21,82	21,82	21,82



C 8341A	Unit	Z - Z AXIS		Y - Y AXIS	
		2,0	2,5	2,0	2,5
Moment of Inertia	cm ⁴	14,04	17,56	26,81	34,08
Section Modulus	cm ³	6,82	8,94	6,62	8,31
Allowable Bending Stress	kN/cm ²	21,82	21,82	21,82	21,82

C 4141 B



APPLICATIONS

Cable routing / Standard: IEC 61537

MATERIAL

Steel, strip-galv. acc. to the sendzimir method to TS-EN 10346:2011 (PG)
HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS- Stainless steel AISI 304L and 316L (ss)
EP- Powder coating in a full range of colours (RAL)

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

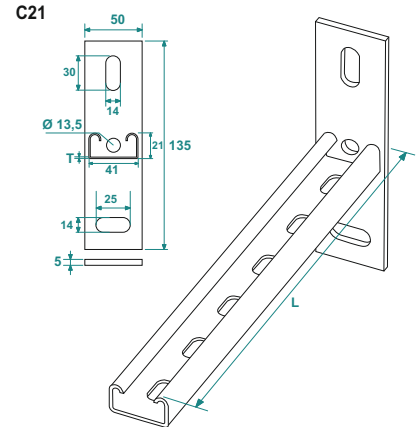
C Channel 21x41 Bracket

Скоба на "C" канал (21x41)



Hot Dip Galvanised

C21		2.5mm			
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
C21 100 25 HDG	2.5	100	0.47	1	
C21 150 25 HDG	2.5	150	0.57	1	
C21 200 25 HDG	2.5	200	0.67	1	
C21 250 25 HDG	2.5	250	0.77	1	
C21 300 25 HDG	2.5	300	0.87	1	
C21 350 25 HDG	2.5	350	0.97	1	
C21 400 25 HDG	2.5	400	1.07	1	
C21 450 25 HDG	2.5	450	1.17	1	



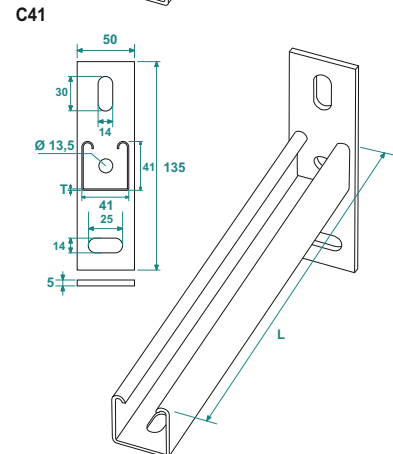
C Channel 41x41 Bracket

Скоба на "C" канал (41x41)



Hot Dip Galvanised

C41		2.5mm			
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
C41 100 25 HDG	2.5	100	0.55	1	
C41 150 25 HDG	2.5	150	0.69	1	
C41 200 25 HDG	2.5	200	0.82	1	
C41 250 25 HDG	2.5	250	0.96	1	
C41 300 25 HDG	2.5	300	1.10	1	
C41 350 25 HDG	2.5	350	1.24	1	
C41 400 25 HDG	2.5	400	1.38	1	
C41 450 25 HDG	2.5	450	1.51	1	
C41 500 25 HDG	2.5	500	1.65	1	
C41 550 25 HDG	2.5	550	1.79	1	
C41 600 25 HDG	2.5	600	1.93	1	
C41 650 25 HDG	2.5	650	2.06	1	
C41 700 25 HDG	2.5	700	2.20	1	
C41 750 25 HDG	2.5	750	2.34	1	
C41 800 25 HDG	2.5	800	2.47	1	
C41 900 25 HDG	2.5	900	2.60	1	



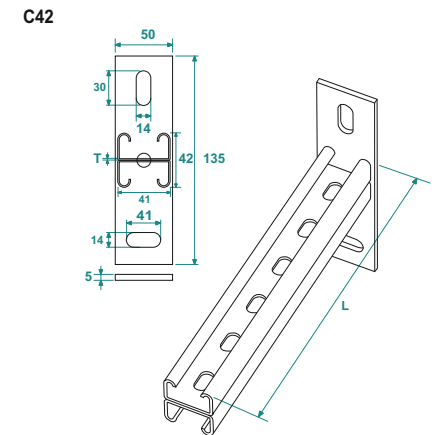
C Channel 42x41 Bracket

Скоба на "C" канал (42x41)



Hot Dip Galvanised

C42		2.5mm			
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
C42 200 25 HDG	2.5	200	1.07	1	
C42 300 25 HDG	2.5	300	1.46	1	
C42 350 25 HDG	2.5	350	1.66	1	
C42 400 25 HDG	2.5	400	1.86	1	
C42 450 25 HDG	2.5	450	2.06	1	
C42 500 25 HDG	2.5	500	2.26	1	
C42 550 25 HDG	2.5	550	2.46	1	
C42 600 25 HDG	2.5	600	2.65	1	
C42 650 25 HDG	2.5	650	2.85	1	
C42 700 25 HDG	2.5	700	3.05	1	
C42 750 25 HDG	2.5	750	3.25	1	
C42 800 25 HDG	2.5	800	3.45	1	
C42 900 25 HDG	2.5	900	3.65	1	



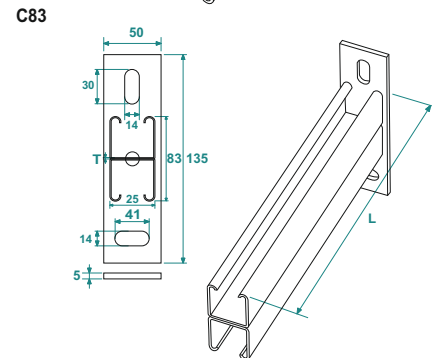
C Double Channel 83x41 Bracket

Скоба на "C" канал (83x41)



Hot Dip Galvanised

C83		2.5mm			
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
C83 200 25 HDG	2.5	200	1.38	1	
C83 300 25 HDG	2.5	300	1.93	1	
C83 350 25 HDG	2.5	350	2.20	1	
C83 400 25 HDG	2.5	400	2.48	1	
C83 450 25 HDG	2.5	450	2.75	1	
C83 500 25 HDG	2.5	500	3.02	1	
C83 550 25 HDG	2.5	550	3.30	1	
C83 600 25 HDG	2.5	600	3.58	1	
C83 650 25 HDG	2.5	650	3.85	1	
C83 700 25 HDG	2.5	700	4.13	1	
C83 750 25 HDG	2.5	750	4.40	1	
C83 800 25 HDG	2.5	800	4.67	1	
C83 850 25 HDG	2.5	850	4.95	1	
C83 900 25 HDG	2.5	900	5.23	1	
C83 950 25 HDG	2.5	950	5.50	1	
C83 1000 25 HDG	2.5	1000	5.78	1	
C83 1050 25 HDG	2.5	1050	6.05	1	



APPLICATIONS

Cable routing / Standard: IEC 61537

MATERIAL

Steel, strip-galv. acc. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

EG- Electro-galvanised (8-12 Micron) EN ISO 2081

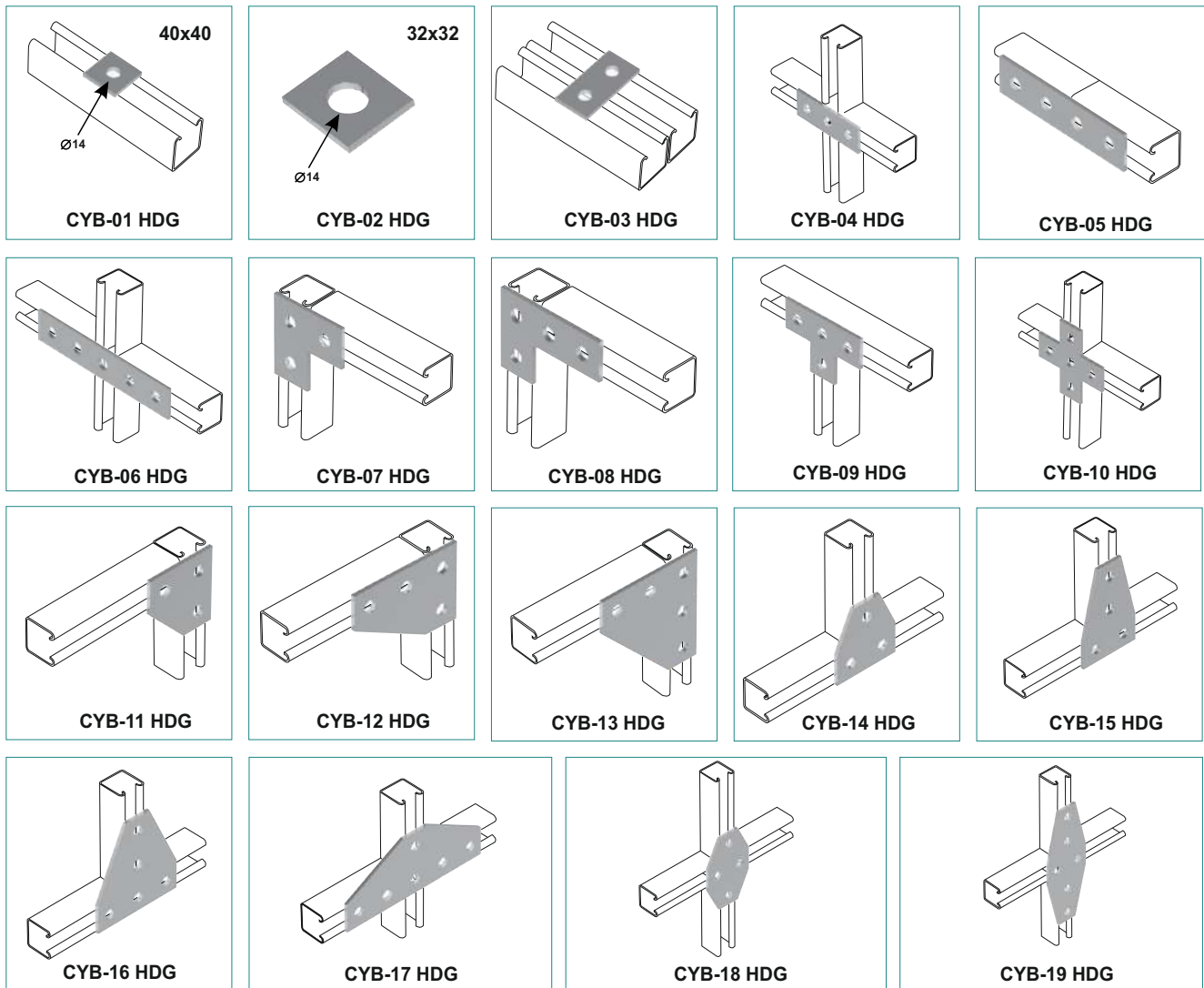
SS- Stainless steel AISI 304L and 316L (SS)

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

Thickn. (ga) [mm]: **2.0 2.5**

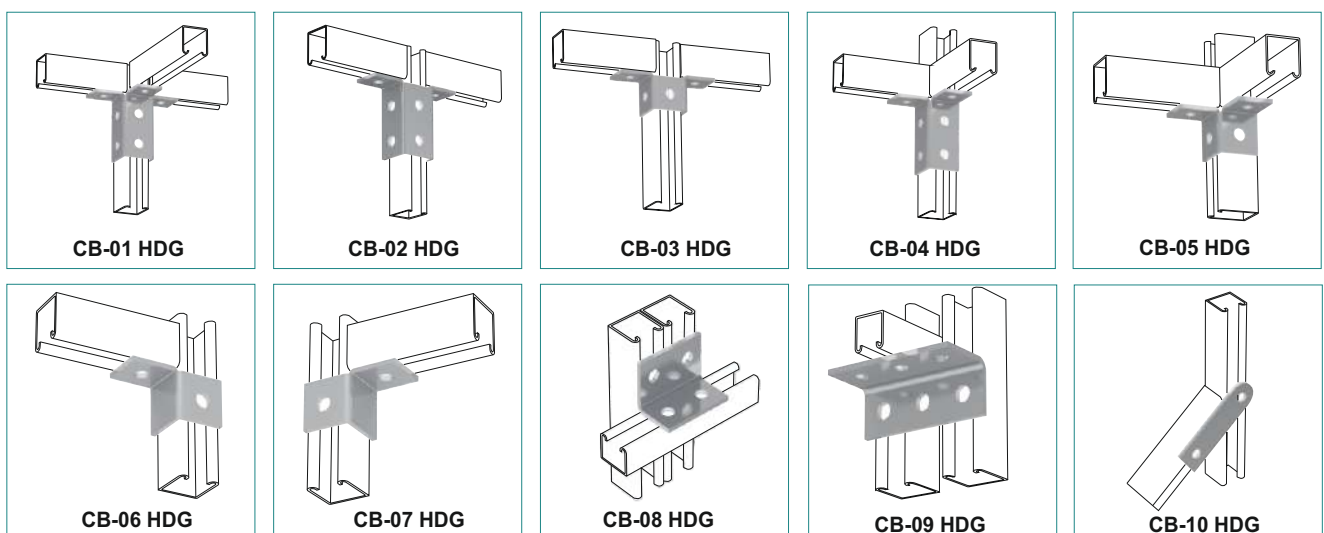
C Channel Flat Fitting

"C" профил плосък обков



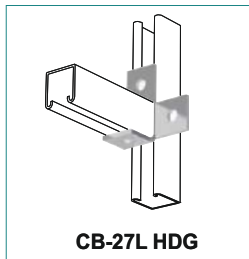
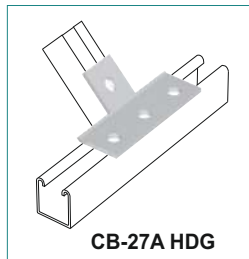
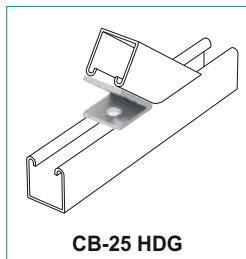
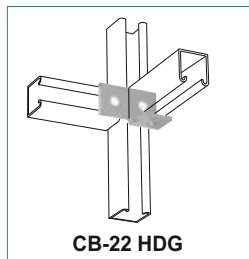
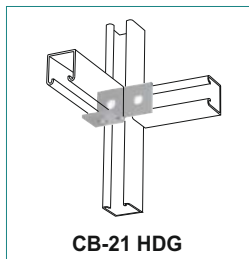
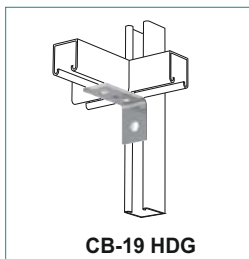
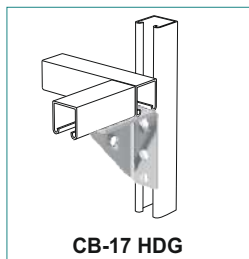
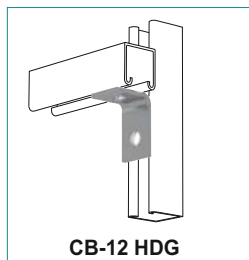
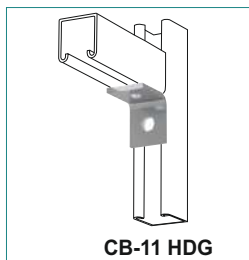
C Channel Angle Fitting

"C" Профилен ъглов обков



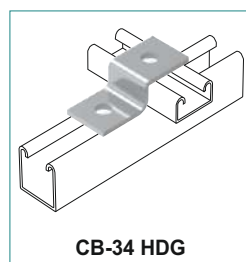
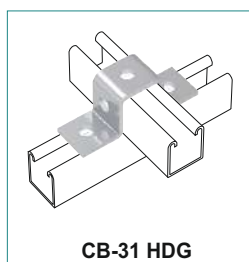
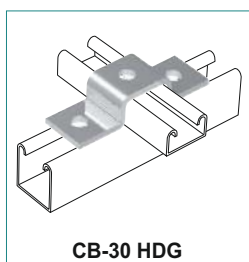
C Channel Corner Fittings

Ъглови фитинги "С" профил.



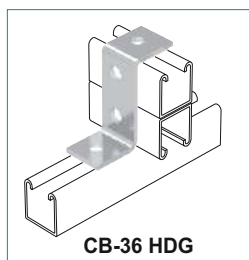
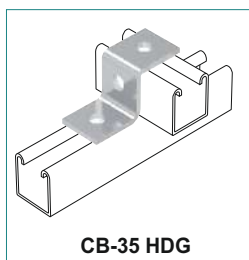
C Channel U and Z Fitting

U и Z фитинги на "С" профил



C Channel U and Z Fitting

U и Z обков от "С" профил



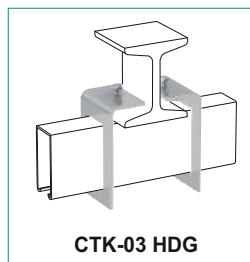
C Channel U Fitting (Clevis)

C Profil U Bağlantı Elemanı (Clevis) - U крепеж к С профилю



C Channel Coupler and Clamps

Съединители и скоби от "С" профил



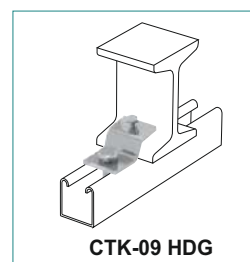
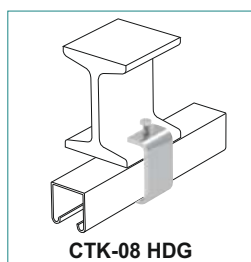
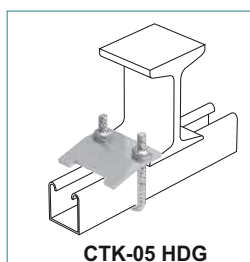
C Channel Support Base

Поддържаща основа на "С" профил



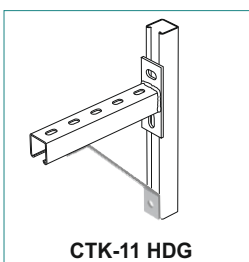
C Channel Clamps

Скоби от "С" профил



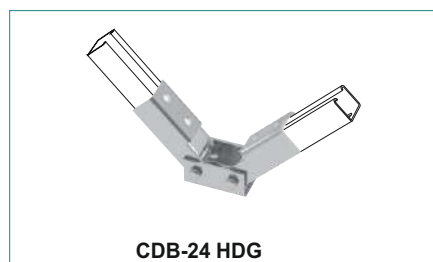
C Channel Bracket Support Plate

Скоби за канали за опорна плоча на "С" профил



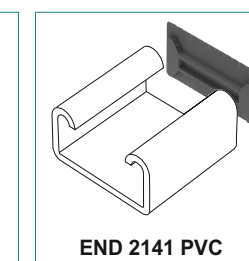
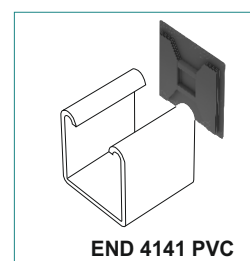
C Channel Adjustable Brace Fitting Base

Регулируема основа за скоба от "С" профил



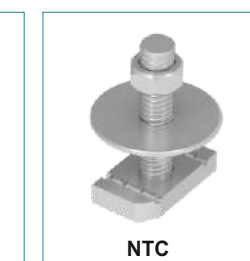
Plastic End Cup for C Channel

Пластмасова крайна чаша за "С" профил



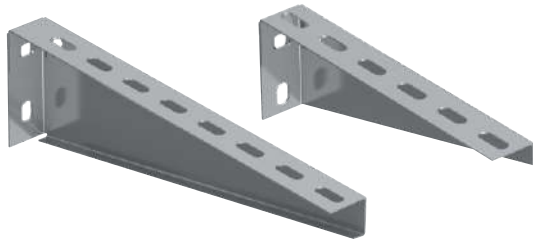
C Channel Spring Nut and Fixing Bolt

Пружинна гайка и фиксиращ болт на "С" профил



Wall Bracket

Стенна скоба



Pre-Galvanized

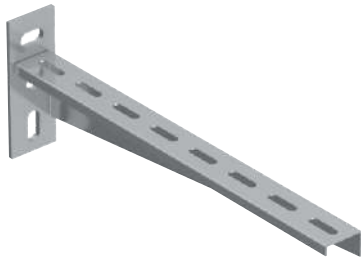
DK	PG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
DK 05 PG	50	60	0,080	100
DK 10 PG	100	110	0,130	50
DK 15 PG	150	160	0,165	50
DK 20 PG	200	210	0,200	50
DK 30 PG	300	310	0,430	50
DK 40 PG	400	410	0,560	50
DK 50 PG	500	510	0,710	25
DK 60 PG	600	610	0,780	25

Hot Dip Galvanized

DK	HDG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
DK 05 HDG	50	60	0,084	100
DK 10 HDG	100	110	0,137	50
DK 15 HDG	150	160	0,173	50
DK 20 HDG	200	210	0,210	50
DK 30 HDG	300	310	0,452	50
DK 40 HDG	400	410	0,588	50
DK 50 HDG	500	510	0,746	25
DK 60 HDG	600	610	0,819	25

Wall Bracket (Welded)

Стенна скоба (заварена)



Electro-Galvanized

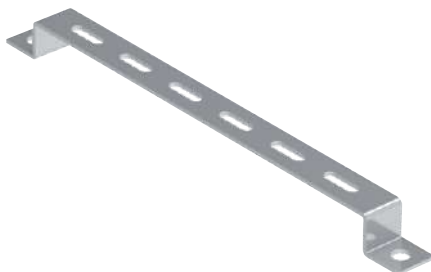
DKK	EG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
DKK 05 EG	50	60	0,210	100
DKK 10 EG	100	110	0,250	50
DKK 15 EG	150	160	0,320	50
DKK 20 EG	200	210	0,380	50
DKK 25 EG	250	260	0,550	50
DKK 30 EG	300	310	0,630	25
DKK 40 EG	400	410	0,750	25
DKK 50 EG	500	510	1,050	20
DKK 60 EG	600	610	1,210	20

Hot Dip Galvanized

DKK	HDG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
DKK 05 HDG	50	60	0,211	100
DKK 10 HDG	100	110	0,263	50
DKK 15 HDG	150	160	0,336	50
DKK 20 HDG	200	210	0,399	50
DKK 25 HDG	250	260	0,578	50
DKK 30 HDG	300	310	0,662	25
DKK 40 HDG	400	410	0,788	25
DKK 50 HDG	500	510	1,103	20
DKK 60 HDG	600	610	1,271	20

Brackets for Wall & Floor Mounting

Скоби за стени и подов монтаж



Electro-Galvanized

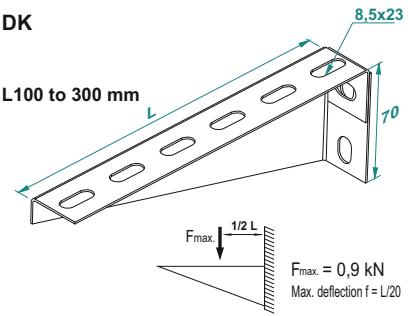
YDT	PG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
YDT 310 PG	100	100	0,140	100
YDT 315 PG	150	150	0,180	50
YDT 320 PG	200	200	0,210	50
YDT 325 PG	250	250	0,250	50
YDT 330 PG	300	300	0,280	100
YDT 340 PG	400	400	0,350	100
YDT 345 PG	450	450	0,390	50
YDT 350 PG	500	500	0,420	50
YDT 360 PG	600	610	0,490	50

Hot Dip Galvanized

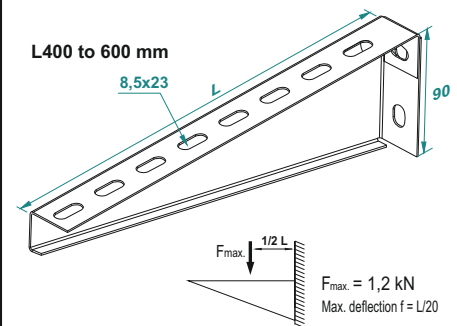
YDT	HDG			
CODE	Width of Tray	Length L mm	KG 1 pc	pcs
YDT 310 HDG	100	100	0,147	100
YDT 315 HDG	150	150	0,189	50
YDT 320 HDG	200	200	0,221	50
YDT 325 HDG	250	250	0,263	50
YDT 330 HDG	300	300	0,294	100
YDT 340 HDG	400	400	0,368	100
YDT 345 HDG	450	450	0,410	50
YDT 350 HDG	500	500	0,441	50
YDT 360 HDG	600	610	0,515	50

DK

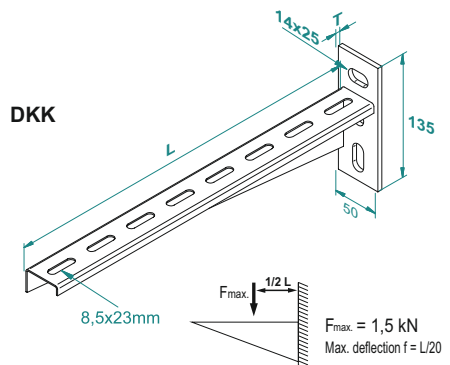
L100 to 300 mm



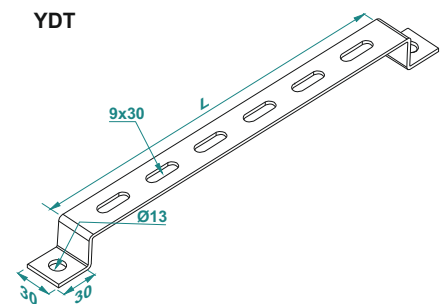
L400 to 600 mm



DKK



YDT



MATERIAL

PG- Sendzimir Method to TS-EN 10346:2011
 EG- Electro-galvanized EN ISO 2081
 HDG- Steel, hot dip galv. to TS-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
 EP- powder coating in a full range of colours (RAL)

1,5 kN Light Duty Wall Bracket (welded)

1,5 kN Лекото натоварване - конзола за стена (заварена)



Welded part

Pre-Galvanised

DKH ... EG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKH 10 EG	110	40x4x60	100	0.170	50
DKH 15 EG	160	40x4x60	150	0.210	50
DKH 20 EG	210	40x4x60	200	0.250	50
DKH 25 EG	260	40x4x70	250	0.340	50
DKH 30 EG	310	40x4x70	300	0.390	25
DKH 40 EG	410	40x4x70	400	0.610	25
DKH 50 EG	510	40x4x80	500	0.820	20
DKH 60 EG	610	40x4x80	600	0.960	20

Hot Dip Galvanised

DKH ... HDG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKH 10 HDG	110	40x4x60	100	0.170	50
DKH 15 HDG	160	40x4x60	150	0.210	50
DKH 20 HDG	210	40x4x60	200	0.250	50
DKH 25 HDG	260	40x4x70	250	0.340	50
DKH 30 HDG	310	40x4x70	300	0.390	25
DKH 40 HDG	410	40x4x70	400	0.610	25
DKH 50 HDG	510	40x4x80	500	0.820	20
DKH 60 HDG	610	40x4x80	600	0.960	20

3,0 kN Medium Duty Wall Bracket (welded)

3,0 kN Средно натоварване - стенна конзола (заварена)



Welded part

Pre-Galvanised

DKO ... EG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKO 10 EG	110	50x5x70	100	0.240	50
DKO 15 EG	160	50x5x70	150	0.290	50
DKO 20 EG	210	50x5x70	200	0.340	50
DKO 25 EG	260	50x5x90	250	0.450	25
DKO 30 EG	310	50x5x90	300	0.510	25
DKO 40 EG	410	50x5x90	400	0.760	20
DKO 50 EG	510	50x5x90	500	0.900	20
DKO 55 EG	560	50x5x100	550	1.080	10
DKO 60 EG	610	50x5x100	600	1.150	10
DKO 70 EG	710	50x5x100	700	1.310	10

Hot Dip Galvanised

DKO ... HDG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKO 10 HDG	110	50x5x70	100	0.240	50
DKO 15 HDG	160	50x5x70	150	0.290	50
DKO 20 HDG	210	50x5x70	200	0.340	50
DKO 25 HDG	260	50x5x90	250	0.450	25
DKO 30 HDG	310	50x5x90	300	0.510	25
DKO 40 HDG	410	50x5x90	400	0.760	20
DKO 50 HDG	510	50x5x90	500	0.900	20
DKO 55 HDG	560	50x5x100	550	1.080	10
DKO 60 HDG	610	50x5x100	600	1.150	10
DKO 70 HDG	710	50x5x100	700	1.310	10

5,5kN Heavy Duty Wall Bracket (welded)

5,5kN Тежки условия - стенна конзола (заварена)



Welded part

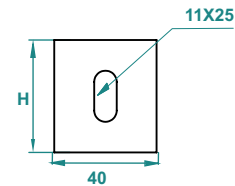
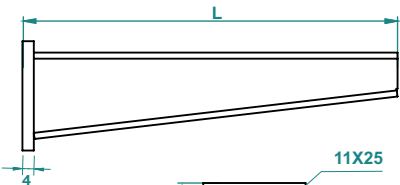
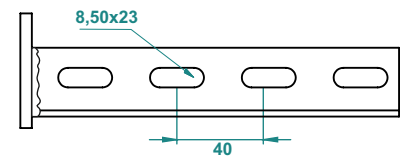
Pre-Galvanised

DKA ... EG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKA 20 EG	210	60x6x120	200	0.650	20
DKA 30 EG	310	60x6x120	300	0.840	20
DKA 40 EG	410	60x6x140	400	1.180	10
DKA 50 EG	510	60x6x140	500	1.520	10
DKA 55 EG	560	60x6x160	550	1.770	10
DKA 60 EG	610	60x6x160	600	1.890	10
DKA 70 EG	710	60x6x190	700	2.430	5
DKA 80 EG	810	60x6x190	800	3.240	5
DKA 90 EG	910	60x6x230	900	4.220	4
DKA 100 EG	1010	60x6x100	1000	5.210	4

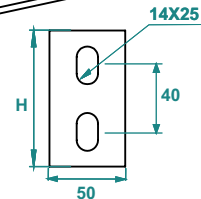
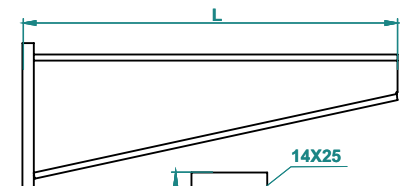
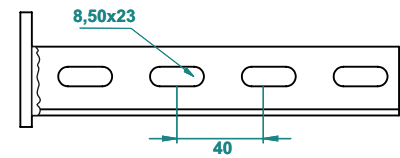
Hot Dip Galvanised

DKA ... HDG					
CODE	Length L mm	Base mm	Width of Tray	kg 1 pc	pcs
DKA 20 HDG	210	60x6x120	200	0.650	20
DKA 30 HDG	310	60x6x120	300	0.840	20
DKA 40 HDG	410	60x6x140	400	1.180	10
DKA 50 HDG	510	60x6x140	500	1.520	10
DKA 55 HDG	560	60x6x160	550	1.770	10
DKA 60 HDG	610	60x6x160	600	1.890	10
DKA 70 HDG	710	60x6x190	700	2.430	5
DKA 80 HDG	810	60x6x190	800	3.240	5
DKA 90 HDG	910	60x6x230	900	4.220	4
DKA 100 EG	1010	60x6x100	1000	5.210	4

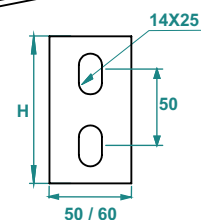
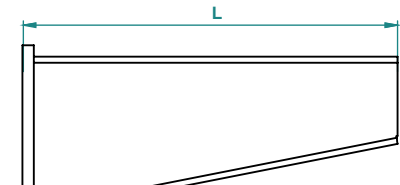
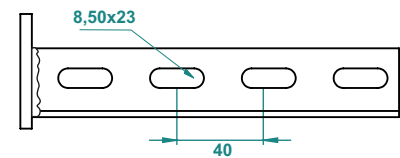
DKH ...



DKO ...



DKA ...



MATERIAL & FINISH

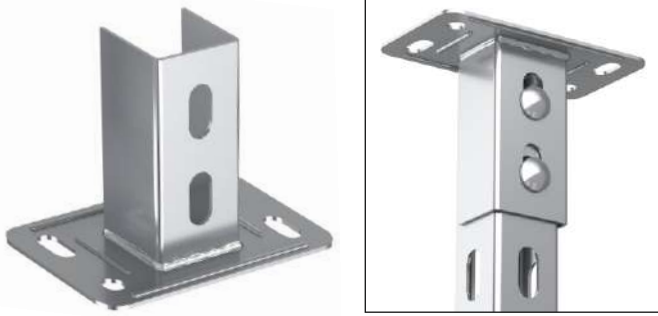
EG: Electro-galvanized (8-12 micron) EN ISO 2081
HDG: steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Available Finishes:

SS-Stainless steel AISI 304L and AISI 316L (SS)
EP-Powder coating in a full range of colours (RAL)

U/C Profile Support Ceiling

Профил "U/C" - Поддържащ таван



Electro-Galvanised / Hot Dip Galvanized

UT3							
CODE	Chanel Support finish	mm	Base Plate mm	Length L mm	Load Fz, kN	kg 1 pc	pcs
UT3 10 EG	Electrozinc	35x43	120x60x2	95	1.50	0.320	50
UT3 10 HDG	Hot Dip Galv.	35x43	120x60x2	95	1.50	0.320	50

C Chanel Bracket W - U Base (Welded)

Скоба W - U основа (заварена) за "C" профил



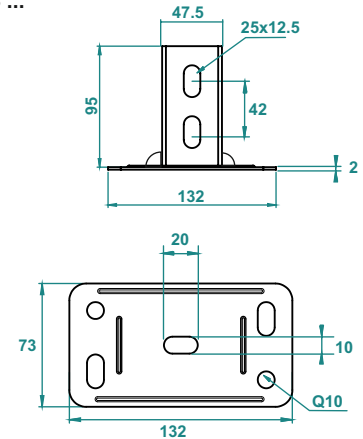
Electro Galvanized

DKU EG					
CODE	Width of Tray	Length L mm	kg 1 pc	pcs	
DKU 10 EG	100	110	0.220	50	
DKU 15 EG	150	160	0.270	50	
DKU 20 EG	200	210	0.310	50	
DKU 25 EG	250	260	0.420	25	
DKU 30 EG	300	310	0.480	25	
DKU 40 EG	400	410	0.730	20	
DKU 50 EG	500	510	0.870	20	
DKU 55 EG	550	560	1.040	10	
DKU 60 EG	600	610	1.120	10	
DKU 70 EG	700	710	1.280	10	

Hot Dip Galvanized

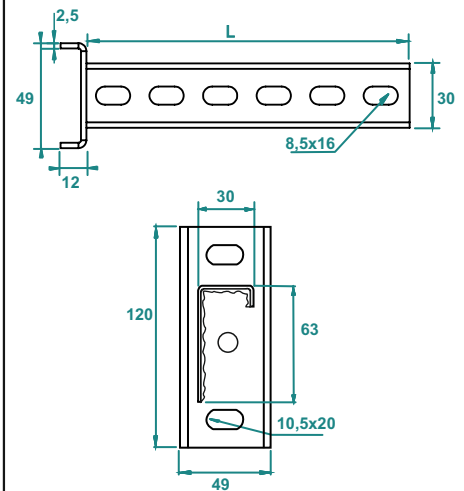
DKU HDG					
CODE	Width of Tray	Length L mm	kg 1 pc	pcs	
DKU 10 HDG	100	110	0.220	50	
DKU 15 HDG	150	160	0.270	50	
DKU 20 HDG	200	210	0.310	50	
DKU 25 HDG	250	260	0.420	25	
DKU 30 HDG	300	310	0.480	25	
DKU 40 HDG	400	410	0.730	20	
DKU 50 HDG	500	510	0.870	20	
DKU 55 HDG	550	560	1.040	10	
DKU 60 HDG	600	610	1.120	10	
DKU 70 HDG	700	710	1.280	10	

UT3 ...



*Suitable with profiles / Uygun Profil Kodları
 UC 4335B 20 PG C4141B 15 PG
 UC 4335B 25 PG C4141B 20 PG
 C4141B 25 PG

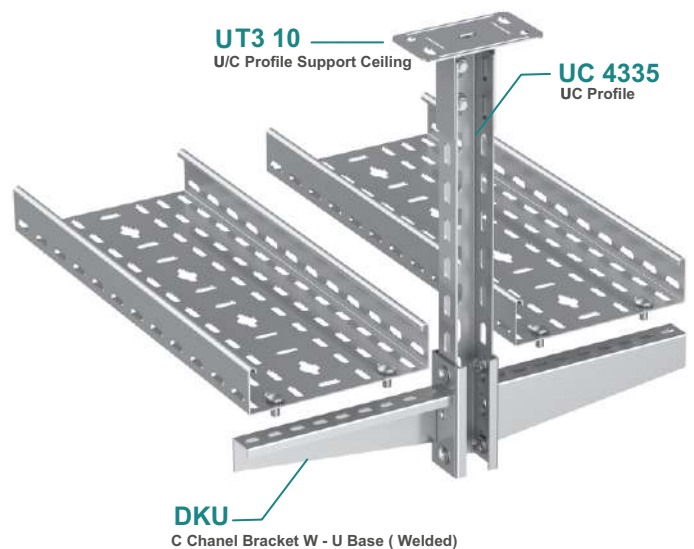
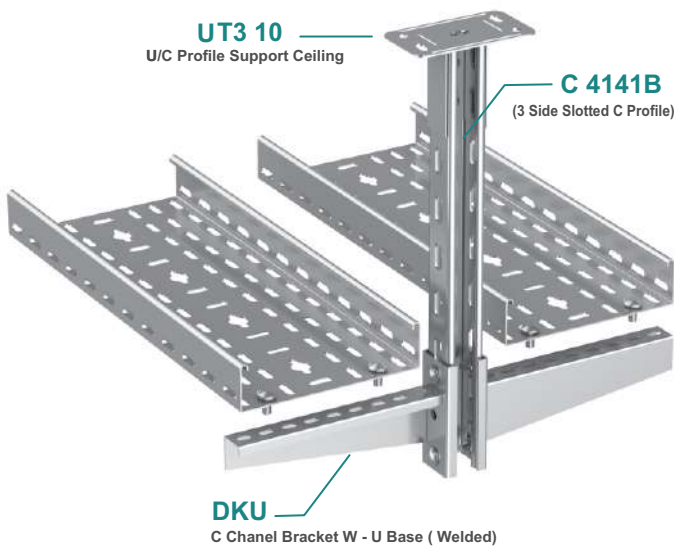
DKU ...



MATERIAL & FINISH

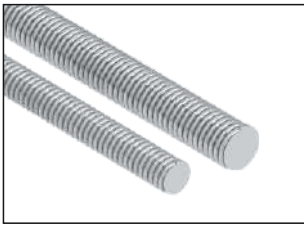
EG: Electro-galvanized (8-12 micron) EN ISO 2081
 HDG: steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Mounting Example



DIN 975 Threaded Rod

"DIN 975" Резбова щанга



Electro-Galvanised

TM	EG			
CODE	Size Metric	Length L mm	kg 1 pc	pcs
TM6 50	M6	500	0,080	100
TM6 100	M6	1000	0,150	100
TM6 200	M6	2000	0,300	50
TM6 300	M6	3000	0,450	50
TM8 50	M8	500	0,150	50
TM8 100	M8	1000	0,300	50
TM8 200	M8	2000	0,600	25
TM8 300	M8	3000	0,900	25

Electro-Galvanised

TM	EG			
CODE	Size Metric	Length L mm	kg 1 pc	pcs
TM10 50	M10	500	0,25	25
TM10 100	M10	1000	0,50	25
TM10 200	M10	2000	1,00	20
TM10 300	M10	3000	1,50	20
TM12 50	M12	500	0,35	15
TM12 100	M12	1000	0,70	15
TM12 200	M12	2000	1,40	15
TM12 300	M12	3000	2,10	10

DIN 9300 Threaded Rod Couplers and Head Plate

"DIN 9300" Съединители с резбови пръти и челна плоча



Electro-Galvanised

TUS	EG			
CODE	Size Metric	Length L mm	kg 1 pc	pcs
TUS M6	M6	40	0,020	100
TUS M8	M8	40	0,030	100
TUS M10	M10	40	0,050	100
TUS M12	M12	40	0,060	100

Head Plate U Shape

U-образна плоча за глава



Pre-Galvanised

TT 01	PG				
CODE	Thickness T mm	Safe Working Load kN	kg 1 pc	pcs	
TT 01 PG	2,5	1,2	0,10	100	

Head Plate Omega Type

Главна плоча тип Omega

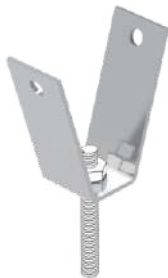


Pre-Galvanised

TT 02	PG				
CODE	Thickness T mm	Safe Working Load kN	kg 1 pc	pcs	
TT 02 PG	2,5	1,5	0,12	100	

Head Plate V Shape

V-образна плоча за глава.



Pre-Galvanised

TT 03	PG				
CODE	Thickness T mm	Safe Working Load kN	kg 1 pc	pcs	
TT 03 PG	2,5	1,2	0,16	100	

Head Plate V Shape (Adjustable)

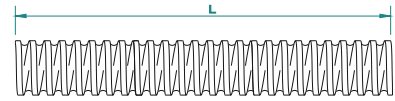
V-образна плоча за глава (регулируема)



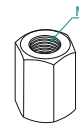
Pre-Galvanised

TT 04	PG				
CODE	Thickness T mm	Safe Working Load kN	kg 1 pc	pcs	
TT 04 PG	2,5	1,2	0,14	100	

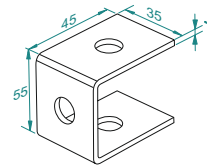
TM



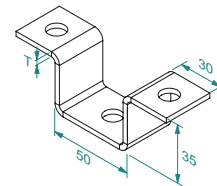
TUS



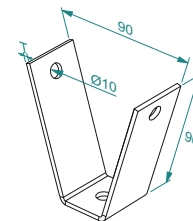
TT 01



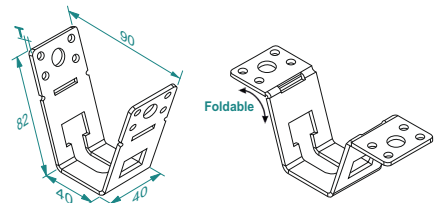
TT 02



TT 03



TT 04



MATERIAL & FINISH

PG- Sendzimir method to TS-EN 10346:2011

EG- Electro-Galvanised EN ISO 2081

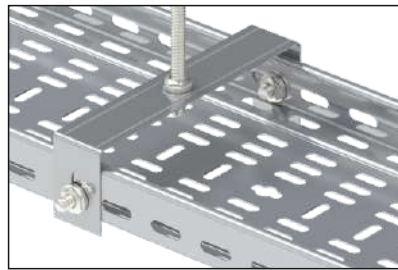
Available Finishes:

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

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

Single Rod Tray Carriers

Единичен прът - Носачи за кабелни скари



Pre-Galvanised

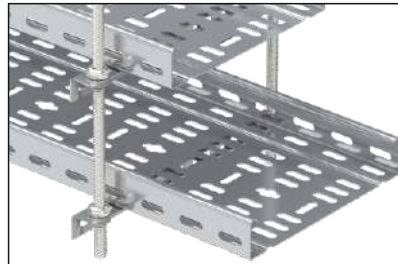
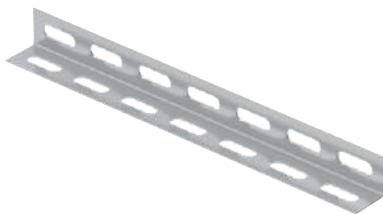
TK1	PG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK1 50 PG	50	55	0,09	100
TK1 100 PG	100	105	0,11	100
TK1 150 PG	150	155	0,15	100
TK1 200 PG	200	205	0,22	100
TK1 300 PG	300	305	0,42	50

Hot Dip Galvanized

TK1	HDG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK1 50 HDG	50	55	0,09	100
TK1 100 HDG	100	105	0,12	100
TK1 150 HDG	150	155	0,16	100
TK1 200 HDG	200	205	0,23	100
TK1 300 HDG	300	305	0,44	50

Double Rod Tray Carriers (L Type)

Двоен прът - Носачи за кабелни скари (тип L)



Pre-Galvanised

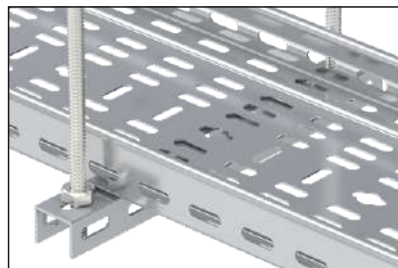
TK2	PG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK2 100 PG	100	160	0,20	50
TK2 150 PG	150	210	0,26	50
TK2 200 PG	200	260	0,31	50
TK2 300 PG	300	360	0,43	50
TK2 400 PG	400	460	0,55	50
TK2 500 PG	500	560	0,67	50
TK2 600 PG	600	660	0,79	50

Hot Dip Galvanized

TK2	HDG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK2 100 HDG	100	160	0,21	50
TK2 150 HDG	150	210	0,27	50
TK2 200 HDG	200	260	0,33	50
TK2 300 HDG	300	360	0,45	50
TK2 400 HDG	400	460	0,58	50
TK2 500 HDG	500	560	0,70	50
TK2 600 HDG	600	660	0,83	50

Double Rod Tray Carriers (U Type)

Двоен прът - Носачи за кабелни скари (тип U)



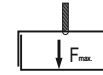
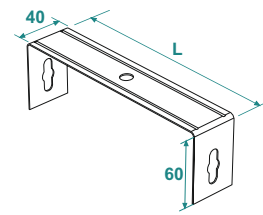
Pre-Galvanised

TK3	PG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK3 100 PG	100	160	0,27	50
TK3 150 PG	150	210	0,33	50
TK3 200 PG	200	260	0,39	50
TK3 300 PG	300	360	0,54	50
TK3 400 PG	400	460	0,69	50
TK3 500 PG	500	560	0,84	50
TK3 600 PG	600	660	0,98	50

Hot Dip Galvanized

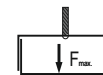
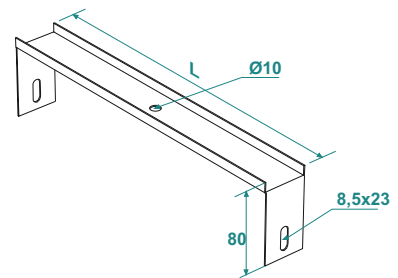
TK3	HDG			
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
TK3 100 HDG	100	160	0,28	50
TK3 150 HDG	150	210	0,35	50
TK3 200 HDG	200	260	0,41	50
TK3 300 HDG	300	360	0,57	50
TK3 400 HDG	400	460	0,72	50
TK3 500 HDG	500	560	0,88	50
TK3 600 HDG	600	660	1,03	50

TK1 50-200



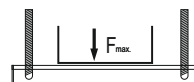
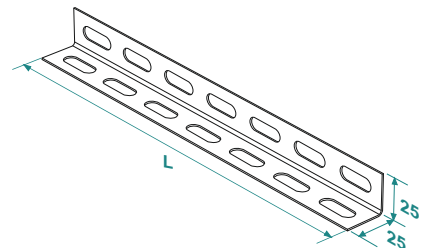
$F_{max} = 0,6 \text{ kN}$
Max. deflection $f = L/200$

TK1 300



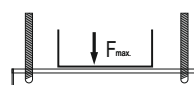
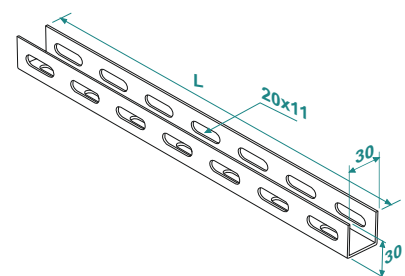
$F_{max} = 0,8 \text{ kN}$
Max. deflection $f = L/200$

TK2



$F_{max} = 2,5 \text{ kN}$
Max. deflection $f = L/200$

TK3



$F_{max} = 4,0 \text{ kN}$
Max. deflection $f = L/200$

MATERIAL & FINISH

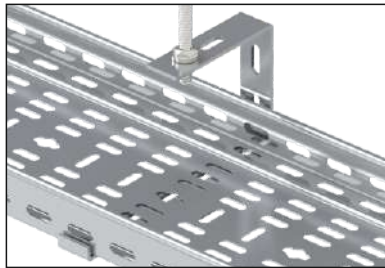
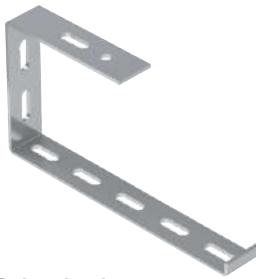
PG- Sendzimir method to TS-EN 10346:2012
EG- Electro-Galvanised EN ISO 2081

Available Finishes:

SS-Stainless steel AISI 304L and AISI 316L (SS)
HDG-Steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

Single Rod Tray Carriers (C Type)

Двоен прът - Носачи за кабелни скари (тип C)



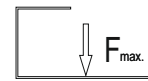
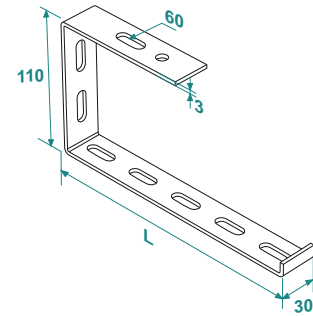
Pre-Galvanised

TK5	PG		kg	pcs
CODE	Width of Tray	Length L mm	1 pc	1 pc
TK5 50 PG	50	60	0,19	50
TK5 100 PG	100	110	0,26	100
TK5 150 PG	150	160	0,38	50
TK5 200 PG	200	210	0,44	50

Hot Dip Galvanized

TK5	HDG		kg	pcs
CODE	Width of Tray	Length L mm	1 pc	1 pc
TK5 50 HDG	50	60	0,19	50
TK5 100 HDG	100	110	0,26	100
TK5 150 HDG	150	160	0,38	50
TK5 200 HDG	200	210	0,44	50

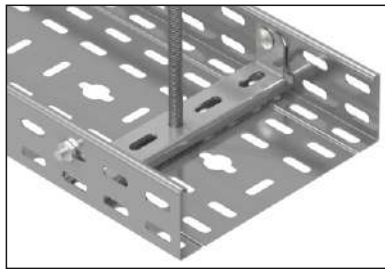
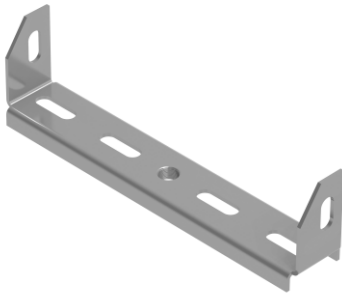
TK5



$F_{max} = 0,2 \text{ kN}$
Max. deflection $f = L/20$

Single Rod Tray Carriers M8

Единичен прът - Носачи за кабелни скари (M8)



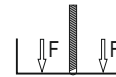
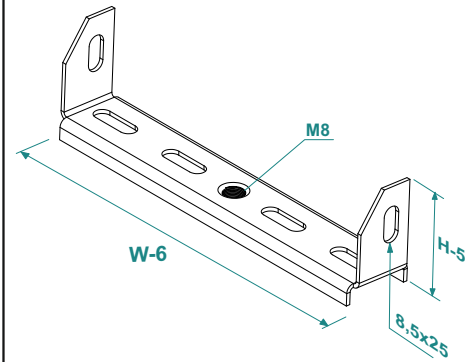
Pre-Galvanised

TK6	H:40		PG	kg	pcs
CODE	Width of Tray	Length L mm	1 pc	1 pc	1 pc
TK6 405 M8 PG	50	45	0,10	50	50
TK6 410 M8 PG	100	95	0,14	50	50
TK6 415 M8 PG	150	145	0,18	50	50
TK6 420 M8 PG	200	195	0,26	25	25
TK6 425 M8 PG	250	245	0,31	25	25
TK6 430 M8 PG	300	295	0,36	20	20

Pre-Galvanised

TK6	H:60		PG	kg	pcs
CODE	Width of Tray	Length L mm	1 pc	1 pc	1 pc
TK6 605 M8 PG	50	45	0,13	50	50
TK6 610 M8 PG	100	95	0,17	50	50
TK6 615 M8 PG	150	145	0,21	50	50
TK6 620 M8 PG	200	195	0,30	25	25
TK6 625 M8 PG	250	245	0,35	25	25
TK6 630 M8 PG	300	295	0,40	20	20

TK6



$F_{max} = 0,6 \text{ kN}$
Max. deflection $f = L/20$

Tray Carrier From The Sides

Носач за кабелни скари от страни



Pre-Galvanised

UTG	PG		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc
UTG 40 PG	40	0,075	100	100
UTG 50 PG	50	0,085	100	100
UTG 80 PG	80	0,113	100	100
UTG 100 PG	100	0,132	100	100

Tray Carrier From The Base Z Type

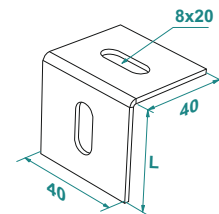
Носач за кабелни скари от основата (тип Z)



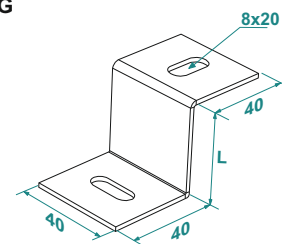
Pre-Galvanised

ZTG	PG		kg	pcs
CODE	Length L mm	1 pc	1 pc	1 pc
ZTG 40 PG	40	0,113	100	100
ZTG 50 PG	50	0,122	100	100
ZTG 80 PG	80	0,151	100	100
ZTG 100 PG	100	0,170	100	100

UTG



ZTG



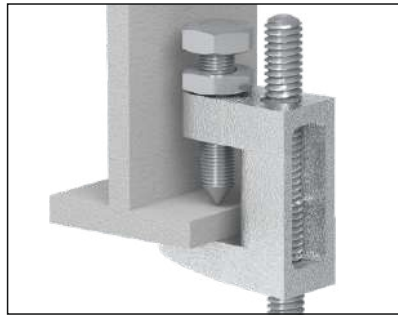
MATERIAL & FINISH

PG- Sendzimir method to TS-EN 10346:2012
EG- Electro-Galvanised EN ISO 2081

Available Finishes:

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

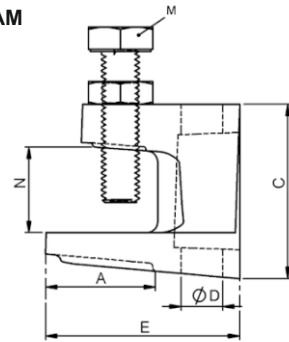
Support Hanger Clamp (Casting)



Die Cast (Döküm)

PAM										
CODE	Hole D mm	A mm	C mm	E mm	N mm	M mm	Safe Working Load kN	kg 1 pc	pcs	
PAM-1	Ø9	20	36	38	18	M8x40	1,10	0,095	50	
PAM-2	Ø11	32	46	50	22	M10x40	2,40	0,190	50	
PAM-3	Ø13	35	72	58	40	M10x45	3,10	0,300	20	

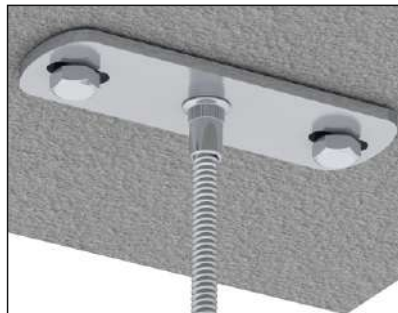
PAM



MATERIAL & FINISH
Die Cast

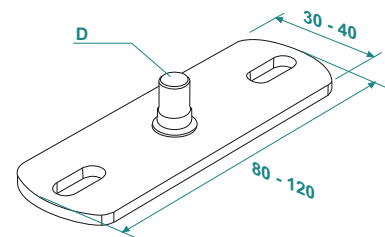
Head Plate With Nut

Челна плоча с гайка

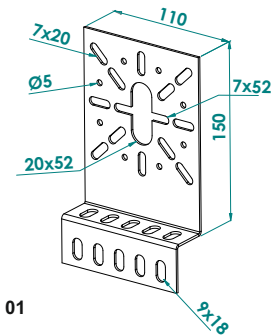


SZP EG				
CODE	Thread D Metric	Base Size mm	kg 1 pc	pcs
SZP-1 EG	M8	80x30	0,057	50
SZP-2 EG	M10	80x30	0,057	50
SZP-3 EG	M12	80x30	0,057	50
SZP-4 EG	M8	120x40	0,151	25
SZP-5 EG	M10	120x40	0,151	25
SZP-6 EG	M12	120x40	0,151	20

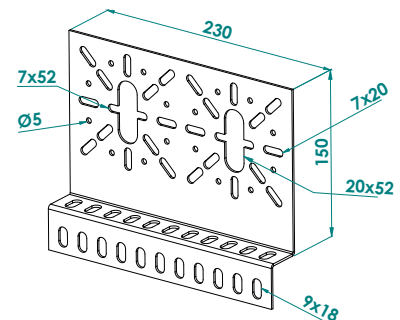
SZP



PKT 01



PKDT 01



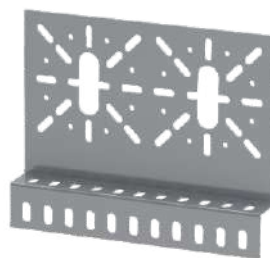
MATERIAL & FINISH
PG- Sendzimir method to TS-EN 10346:2012
HDG-Steel, hot-dip. galv. to TS-EN ISO 1461:2011 (HDG)

Available Finishes:
SS-Stainless steel AISI 304L and AISI 316L (SS)

Thickn. (ga) [mm]:

Socket and Box Fixing on The Cable Tray

Закрепване на фасунга и кутия към кабелната скара

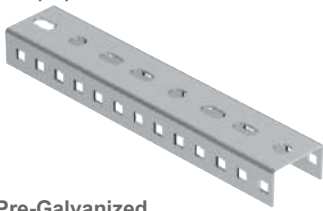


PKT PG			
CODE	kg 1 pc	pcs	
PKT 01 PG	0.25	10	

PKTD PG			
CODE	kg 1 pc	pcs	
PKTD 01 PG	0.52	10	

U Profile 30x50 L:3000

"U" профил



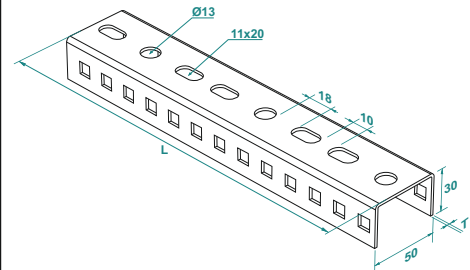
Pre-Galvanized

U3050		PG		1.5mm	
CODE	Thickness T mm	Length L mm	kg 1 m	pcs	
U 3050 15 PG	1,5	3000	1,27	2	
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
U 3050.20 15 PG	1,5	2000	2,54	10	
U 3050.15 15 PG	1,5	1500	1,91	10	
U 3050.12 15 PG	1,5	1200	1,52	10	
U 3050.10 15 PG	1,5	1000	1,27	10	
U 3050.08 15 PG	1,5	800	1,02	10	
U 3050.06 15 PG	1,5	600	0,76	10	
U 3050.05 15 PG	1,5	500	0,64	10	
U 3050.04 15 PG	1,5	400	0,51	10	
U 3050.03 15 PG	1,5	300	0,38	10	
U 3050.02 15 PG	1,5	200	0,25	10	
		2.0mm			
CODE	Thickness T mm	Length L mm	kg 1 m	pcs	
U 3050 20 PG	2,0	3000	1,70	2	
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
U 3050.20 20 PG	2,0	2000	3,40	10	
U 3050.15 20 PG	2,0	1500	2,55	10	
U 3050.12 20 PG	2,0	1200	2,04	10	
U 3050.10 20 PG	2,0	1000	1,70	10	
U 3050.08 20 PG	2,0	800	1,36	10	
U 3050.06 20 PG	2,0	600	1,02	10	
U 3050.05 20 PG	2,0	500	0,85	10	
U 3050.04 20 PG	2,0	400	0,68	10	
U 3050.03 20 PG	2,0	300	0,51	10	
U 3050.02 20 PG	2,0	200	0,34	10	

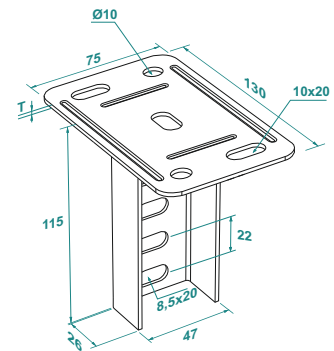
Hot Dip. Galvanised

U3050		HDG		1.5mm	
CODE	Thickness T mm	Length L mm	kg 1 m	pcs	
U 3050 15 HDG	1,5	3000	1,33	2	
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
U 3050.20 15 HDG	1,5	2000	2,67	10	
U 3050.15 15 HDG	1,5	1500	2,00	10	
U 3050.12 15 HDG	1,5	1200	1,60	10	
U 3050.10 15 HDG	1,5	1000	1,33	10	
U 3050.08 15 HDG	1,5	800	1,07	10	
U 3050.06 15 HDG	1,5	600	0,80	10	
U 3050.05 15 HDG	1,5	500	0,67	10	
U 3050.04 15 HDG	1,5	400	0,53	10	
U 3050.03 15 HDG	1,5	300	0,40	10	
U 3050.02 15 HDG	1,5	200	0,27	10	
		2.0mm			
CODE	Thickness T mm	Length L mm	kg 1 m	pcs	
U 3050 20 HDG	2,0	3000	1,79	2	
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs	
U 3050.20 20 HDG	2,0	2000	3,57	10	
U 3050.15 20 HDG	2,0	1500	2,68	10	
U 3050.12 20 HDG	2,0	1200	2,14	10	
U 3050.10 20 HDG	2,0	1000	1,79	10	
U 3050.08 20 HDG	2,0	800	1,43	10	
U 3050.06 20 HDG	2,0	600	1,07	10	
U 3050.05 20 HDG	2,0	500	0,89	10	
U 3050.04 20 HDG	2,0	400	0,71	10	
U 3050.03 20 HDG	2,0	300	0,54	10	
U 3050.02 20 HDG	2,0	200	0,36	10	

U3050



UT1 10



U Profile Support Ceiling

Носещ таван от "U" профил



Electro - Galvanised

UT1		EG			
CODE	Base Plate Size mm	Thickness T mm	kg 1 pc	pcs	
UT1 10 EG	130x75	2,0	0,28	50	

Hot Dip. Galvanised

UT1		HDG			
CODE	Base Plate Size mm	Thickness T mm	kg 1 pc	pcs	
UT1 10 HDG	130x75	2,0	0,30	50	

U Profile Support Ceiling (Double)

Носещ таван от "U" профил (двоен)



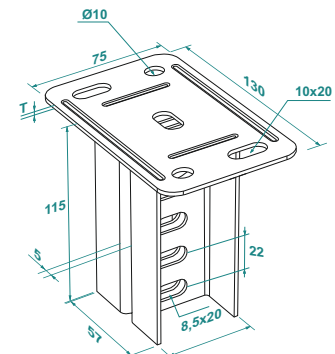
Electro Galvanised

UTD		EG			
CODE	Base Plate Size mm	Length L mm	kg 1 pc	pcs	
UTD 10 EG	130x75	2,0	0,43	50	

Hot Dip. Galvanised

UTD		HDG			
CODE	Base Plate Size mm	Length L mm	kg 1 pc	pcs	
UTD 10 HDG	130x75	2,0	0,45	50	

UTD



MATERIAL & FINISH

PG: Sendzimir method to TS-EN 10343-2011

EG: Electro-galvanized EN ISO 2081

HDG: Steel, hot-dip galv. to TSE-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)

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

Thickn. (ga) [mm]:

U Profile Support Ceiling

Носещ таван от "U" профил



Electro-Galvanised

UT1		EG		
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs
UT1 15 EG	2,0	150	0,41	10
UT1 20 EG	2,0	200	0,50	10
UT1 25 EG	2,0	250	0,59	10
UT1 30 EG	2,0	300	0,67	10
UT1 35 EG	2,0	350	0,76	10
UT1 40 EG	2,0	400	0,85	10
UT1 50 EG	2,0	500	1,02	10
UT1 60 EG	2,0	600	1,19	10
UT1 70 EG	2,0	700	1,36	10
UT1 75 EG	2,0	750	1,45	10
UT1 80 EG	2,0	800	1,54	10
UT1 100 EG	2,0	1000	1,88	10
UT1 110 EG	2,0	1100	2,06	10
UT1 120 EG	2,0	1200	2,23	10
UT1 125 EG	2,0	1250	2,32	10
UT1 130 EG	2,0	1300	2,40	10
UT1 140 EG	2,0	1400	2,58	10
UT1 150 EG	2,0	1500	2,75	10
UT1 160 EG	2,0	1600	2,92	10
UT1 170 EG	2,0	1700	3,09	10
UT1 175 EG	2,0	1750	3,18	10
UT1 180 EG	2,0	1800	3,27	10
UT1 200 EG	2,0	2000	3,61	10

Hot Dip. Galvanised

UT1		HDG		
CODE	Thickness T mm	Length L mm	kg 1 pc	pcs
UT1 15 HDG	2,0	150	0,43	10
UT1 20 HDG	2,0	200	0,52	10
UT1 25 HDG	2,0	250	0,61	10
UT1 30 HDG	2,0	300	0,71	10
UT1 35 HDG	2,0	350	0,80	10
UT1 40 HDG	2,0	400	0,89	10
UT1 50 HDG	2,0	500	1,07	10
UT1 60 HDG	2,0	600	1,25	10
UT1 70 HDG	2,0	700	1,43	10
UT1 75 HDG	2,0	750	1,52	10
UT1 80 HDG	2,0	800	1,61	10
UT1 100 HDG	2,0	1000	1,98	10
UT1 110 HDG	2,0	1100	2,16	10
UT1 120 HDG	2,0	1200	2,34	10
UT1 125 HDG	2,0	1250	2,43	10
UT1 130 HDG	2,0	1300	2,52	10
UT1 140 HDG	2,0	1400	2,70	10
UT1 150 HDG	2,0	1500	2,89	10
UT1 160 HDG	2,0	1600	3,07	10
UT1 170 HDG	2,0	1700	3,25	10
UT1 175 HDG	2,0	1750	3,34	10
UT1 180 HDG	2,0	1800	3,43	10
UT1 200 HDG	2,0	2000	3,79	10

U Profile Ceiling Supports

Таванни носачи от "U" профил



Pre - Galvanised

UT2 01		PG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 01 PG	110x80	2,0	0,34	50

Hot Dip. Galvanised

UT2		HDG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 01 HDG	110x80	2,0	0,36	50

U Profile Ceiling Supports "L Type"

Таванни опори от "U" профил (L тип)



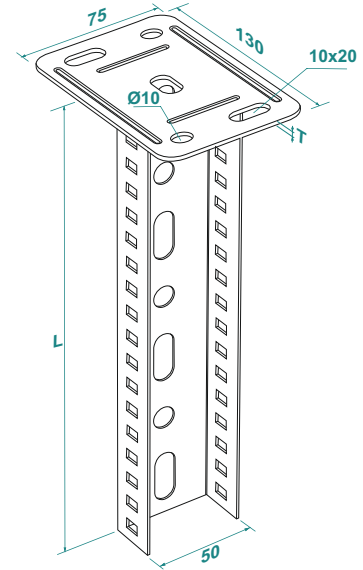
Pre-Galvanized

UT2 02		PG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 02 PG	110x80	2,0	0,17	50

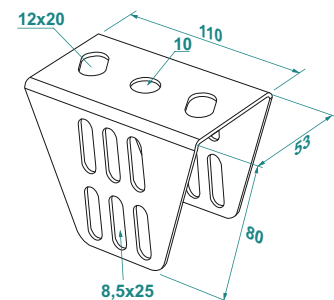
Hot Dip. Galvanised

UT2 02		HDG		
CODE	Size mm	Length L mm	kg 1 pc	pcs
UT2 02 HDG	110x80	2,0	0,18	50

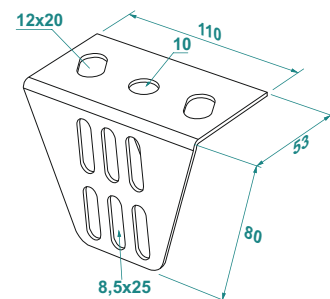
UT1



UT2 01



UT2 02



MATERIAL & FINISH

PG: Sendzimir method to TS-EN 10343-2011

EG: Electro-galvanized EN ISO 2081

HDG: Steel, hot-dip galv. to TSE-EN ISO 1461:2011 (HDG)

Available finishes:

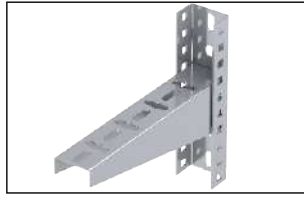
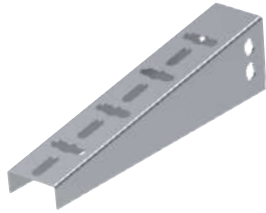
SS - Stainless steel AISI 304L and aisi 316L (SS)

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

Thickn. (ga) [mm]:

U Profile Brackets

"U" профилни скоби



Pre-Galvanized

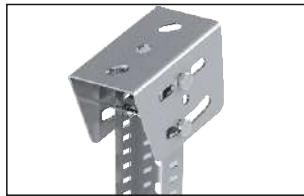
UK		PG		
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
UK 05 PG	50	80	0,09	100
UK 10 PG	100	130	0,15	100
UK 15 PG	150	180	0,21	100
UK 20 PG	200	230	0,27	50
UK 25 PG	250	280	0,33	50
UK 30 PG	300	330	0,49	50
UK 40 PG	400	430	0,63	50
UK 50 PG	500	530	0,78	25
UK 60 PG	600	630	0,93	25

Hot Dip. Galvanized

UK		HDG		
CODE	Width of Tray	Length L mm	kg 1 pc	pcs
UK 05 HDG	50	80	0,09	100
UK 10 HDG	100	130	0,16	100
UK 15 HDG	150	180	0,22	100
UK 20 HDG	200	230	0,28	50
UK 25 HDG	250	280	0,35	50
UK 30 HDG	300	330	0,51	50
UK 40 HDG	400	430	0,66	50
UK 50 HDG	500	530	0,82	25
UK 60 HDG	600	630	0,98	25

U Profile Ceiling Supports Similing Face

Подпори за таван с U-профил (подобно лице)



Pre-Galvanized

UT2 03		PG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 03 PG	110x80	2,0	0,34	50

Hot Dip. Galvanized

UT2 03		HDG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 03 HDG	110x80	2,0	0,36	50

U Profile Ceiling Supports Similing Face "L Type"

Стойки за таван от "U" профил (тип L)



Pre-Galvanized

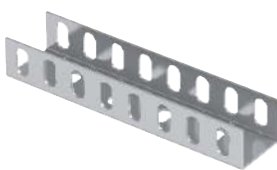
UT2 04		PG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 04 PG	110x80	2,0	0,17	50

Hot Dip. Galvanized

UT2 04		HDG		
CODE	Size mm	Thickness T mm	kg 1 pc	pcs
UT2 04 HDG	110x80	2,0	0,18	50

U Profile Straight Connector

Прав съединител с U профил



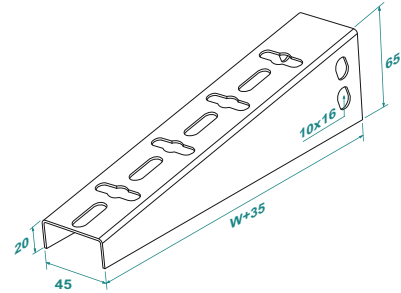
Pre-Galvanized

UBE		PG		
CODE	Length mm	Thickness T mm	kg 1 pc	pcs
UBE PG	200	2,0	0,33	50

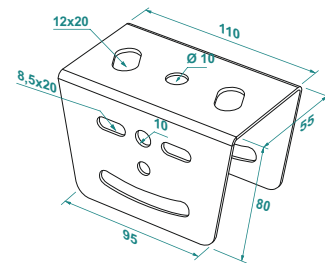
Hot Dip. Galvanized

UBE		HDG		
CODE	Length L mm	Thickness T mm	kg 1 pc	pcs
UBE HDG	200	2,0	0,35	50

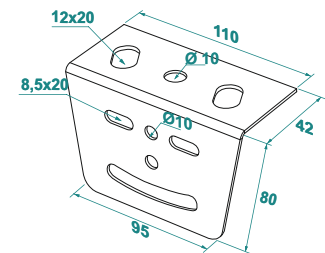
UK



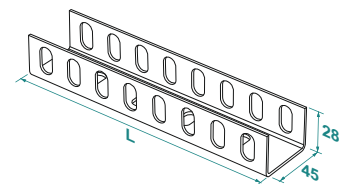
UT2 03



UT2 04



UBE



MATERIAL & FINISH

PG: Sendzimir method to TS-EN 10343:2011

HDG: Steel, hot-dip galv. to TSE-EN ISO 1461:2011 (HDG)

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)

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

Thickn. (ga) [mm]:

UA Profile Support Ceiling

"UA" Поддържащ таван на профил



Electro-Galvanized / Hot Dip Galvanized

KUT50

CODE	Chanel Support finish	mm	Base Plate mm	Length L mm	kg 1 pc	pcs
KUT50	Hot Dip Galv.	22x50	140x40x5	105	0.480	20
KUT50 EG	Electrozinc	22x50	140x40x4	105	0.360	20

*inc. 2 x CFS M10x25 HDG

UA Profile

Профил "UA"



Pre-Galvanized

UT50

CODE	Thickness T mm	Size mm	Length L mm	kg 1 pc	pcs
UT 50/300	2	22x50	3000	1.41	900 m

UA Bracket

Скоба "UA".



Pre-Galvanized

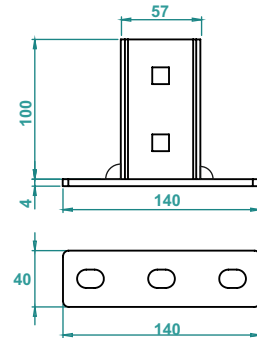
KTUMT

PG

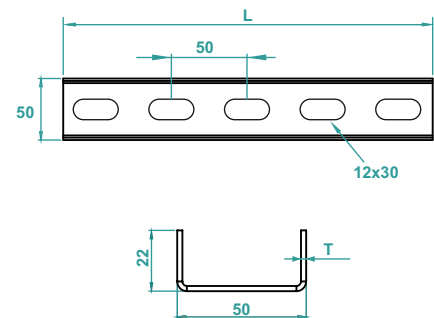
CODE	Height mm	Length L mm	Load Fz kN	kg 1pc	pcs
KTUMT 100	73	105	1.20	0.230	20
KTUMT 200	73	205	1.20	0.320	20
KTUMT 300	73	305	1.20	0.520	20
KTUMT 400	83	405	1.20	0.710	20

*inc. 2 x CFS M10x25 EG

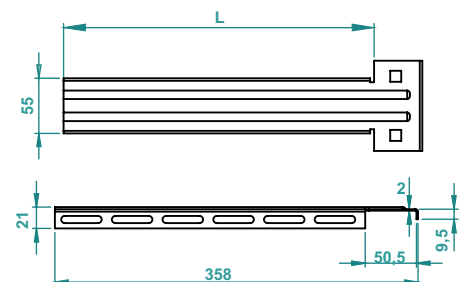
KUT50 ...



UT 50/3000 ...



KTUMT ...



MATERIAL & FINISH

EG- Electro- galvanized EN ISO 2081

PG- Sendzimir method to TS-EN 10346:2011

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

UA Profile Bracket (welded)

Скоба на "UA" профил (заварена)



Hot Dip Galvanized

KTUT		HDG			
CODE	Height mm	Length L mm	Load Fz kN	KG 1pc	pcs
KTUT 500	90	510	2,50	1,200	10
KTUT 600	90	610	2,50	1,350	10

*inc. 1 x CFS M10x25 HDG

Spacer for UA Bracket

Дистанционер за скоба "UA".

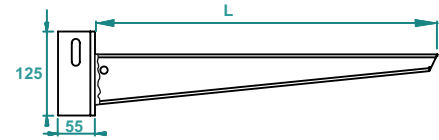


Electro-Galvanized

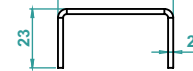
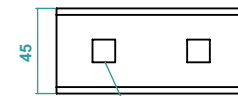
UTD24		EG		
CODE	Size mm	Length L mm	KG 1pc	pcs
UTD24	45x25	100	0,18	20

*inc. 1 x CFS M10x50 EG

KTUT



UTD24 ...



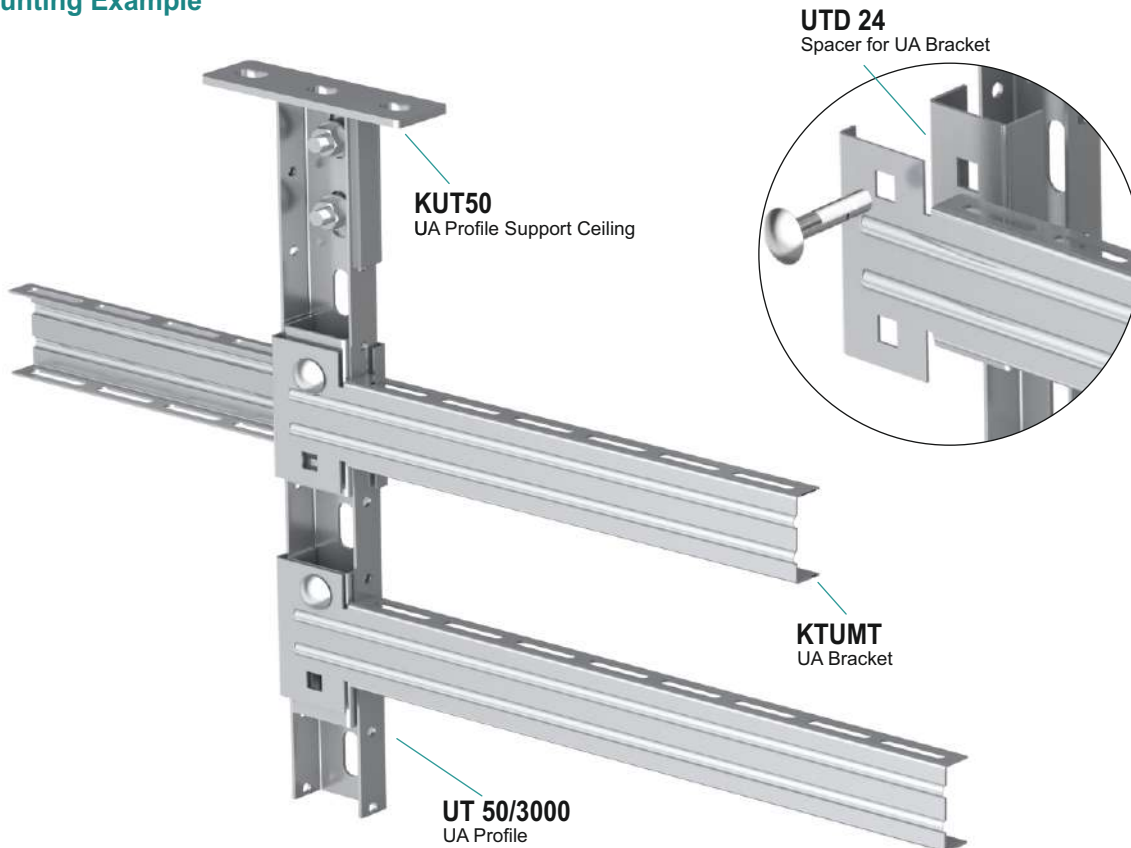
MATERIAL & FINISH

EG- Electro- galvanized EN ISO 2081

PG- Sendzimir method to TS-EN 10346:2011

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

Mounting Example



12mm Mounting Strip (Wave Pattern)

12 мм монтажна лента (вълнообразен модел)



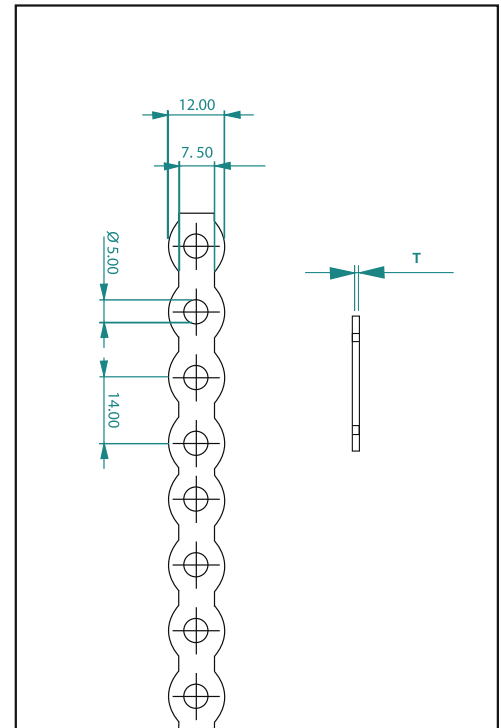
0.7mm

0.5mm

Pregalvanised

PMS 12 ...

CODE	Thickness (T)	Rupture Force	Cassette Type	Amount(mt) 1 pc	kg 1 pc	pcs
PMS.12 05 10M	0.5	93.61	Small	10m	0,332	36
PMS.12 07 10M	0.7	131.11	Big	10m	0,473	16



DIN Rail

DIN шина



Pregalvanised

DIN RAIL ...

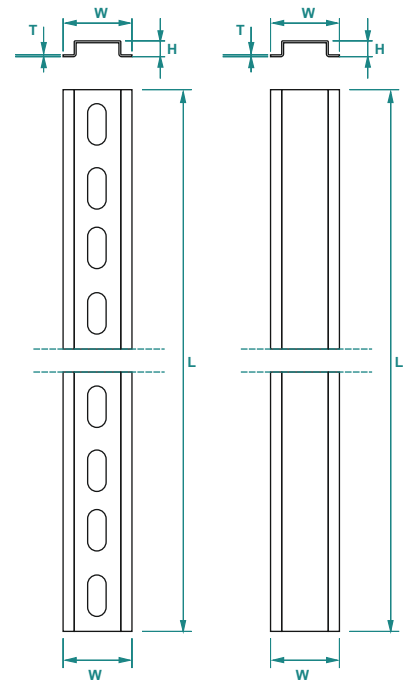
Perforated

CODE	Thickness T (mm)	Width W (mm)	Height H (mm)	Length L (mm)	Hole	kg 1 pc	pcs
RAIL 3575.1 10 PG	1	35	7,5	1000	6.2x18	0,312	50
RAIL 3575.2 10 PG	1	35	7,5	2000	6.2x18	0,624	50
RAIL 3515.1 15 PG	1,5	35	15	1000	6.2x18	0,688	50
RAIL 3515.2 15 PG	1,5	35	15	2000	6.2x18	1,376	50

Non Perforated

CODE	Thickness T (mm)	Width W (mm)	Height H (mm)	Length L (mm)	Hole	kg 1 pc	pcs
RAIL.D 3575.1 10 PG	1	35	7,5	1000	6.2x18	0,393	50
RAIL.D 3575.2 10 PG	1	35	7,5	2000	6.2x18	0,785	50
RAIL.D 3515.1 15 PG	1,5	35	15	1000	6.2x18	0,765	50
RAIL.D 3515.2 15 PG	1,5	35	15	2000	6.2x18	1,531	50

DIN RAIL



MATERIAL & FINISH

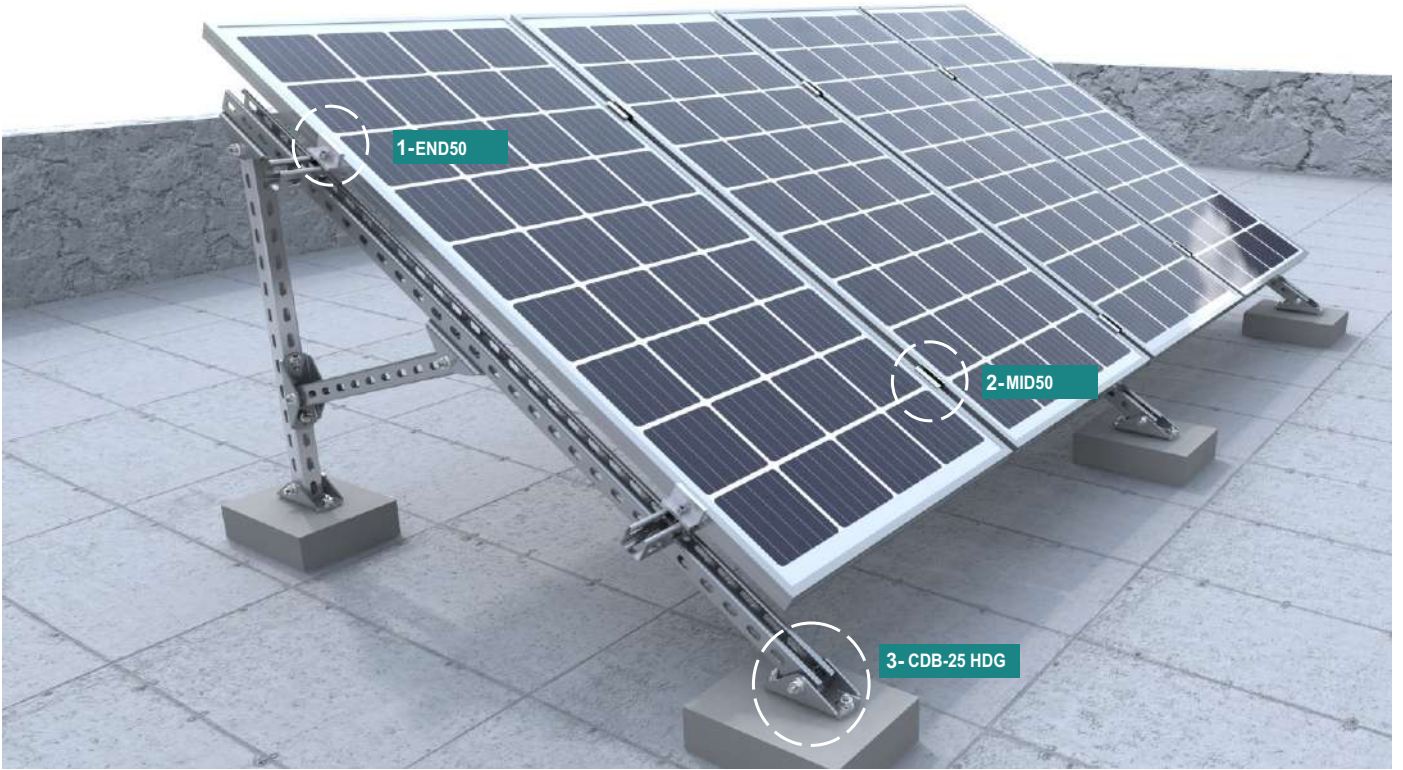
EG- Electro - Galvanised EN ISO 2081

Dacromet - Non-electrolytical zinc-flake coatings EN ISO 10683

Available Finishes:

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

Системи за закрепване на соларни панели



End Clamps For Solar Panels



CODE	Explanation / Açıklama
END50	L:50mm with Inox M8x40 Imbus Bolt & channel nut - Aluminium Kenar Klomp L:50mm (paslanmaz M8x40 Imbus Civata ve profil somunu dahil)
END70	L:70mm with Inox M8x40 Imbus Bolt & channel nut - Aluminium Kenar Klomp L:70mm (paslanmaz M8x40 Imbus Civata ve profil somunu dahil)

Mid Clamp For Solar Panels



CODE	Explanation / Açıklama
MID50	L:50mm with Inox M8x40 Imbus Bolt & channel nut - Aluminium Orta Klomp L:50mm (paslanmaz M8x40 Imbus Civata ve profil somunu dahil)
MID70	L:50mm with Inox M8x40 Imbus Bolt & channel nut - Aluminium Orta Klomp L:50mm (paslanmaz M8x40 Imbus Civata ve profil somunu dahil)

C Channel Adjustable Fitting (2 Hole Base)



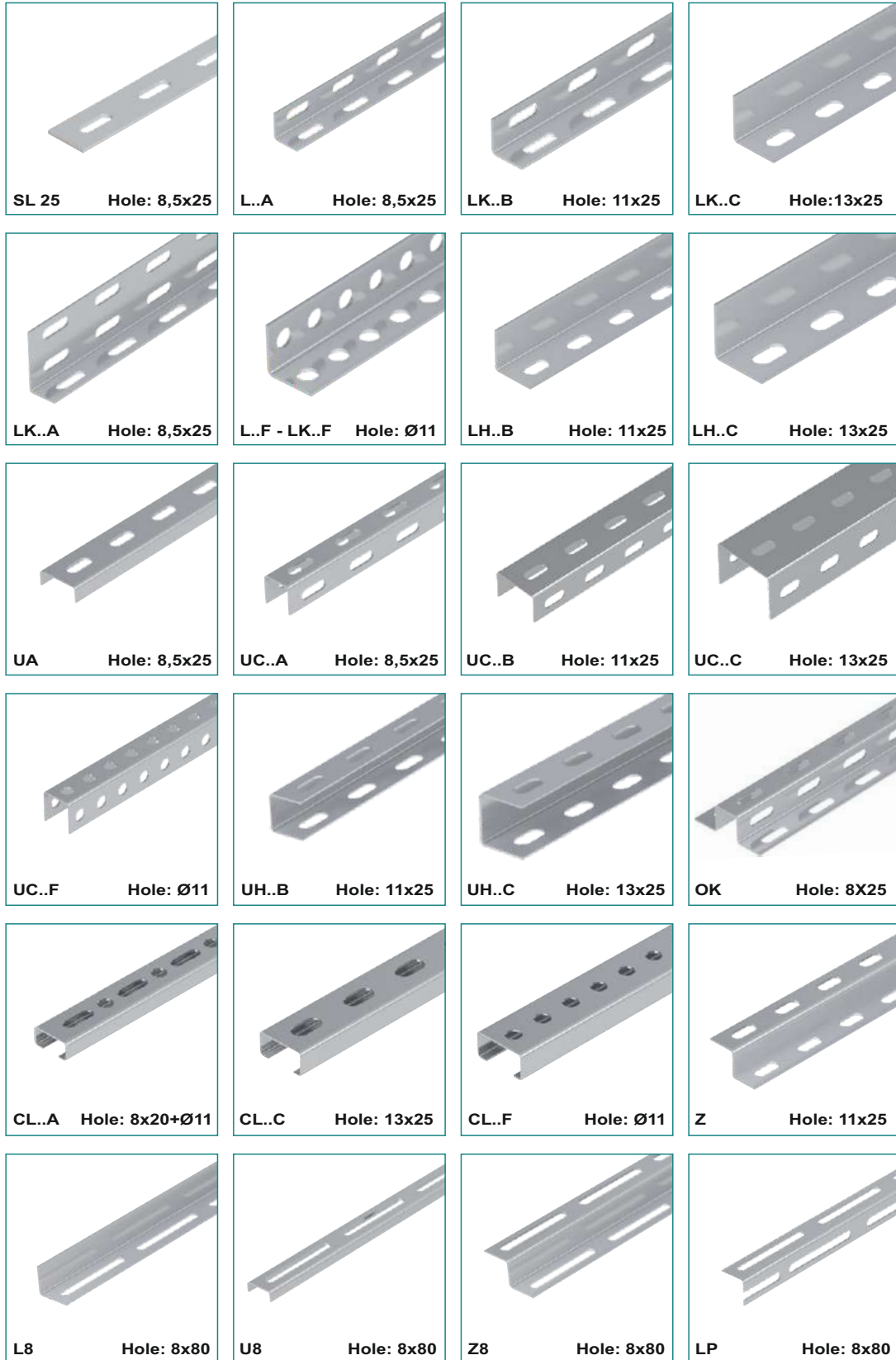
CODE	Explanation / Açıklama
CDB-25 HDG	C channel adjustable fitting 2 hole base 150°50/T:4 mm (single:41x41B) H:60 - HDG C profil ayarlanabilir bağlantı tabanı 2 delik 150°50°/T:4 mm (41x41B uygun) H:60 - HDG

C Channel Adjustable Fitting (4 Hole Base)



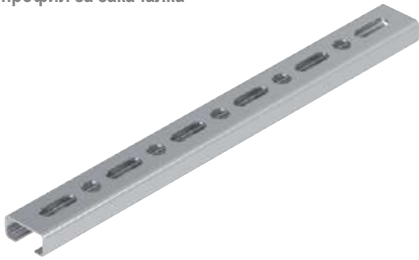
CODE	Explanation / Açıklama
CDB-26 HDG	C channel adjustable fitting 4 hole base 220°50/T:4 (single:41x41B) H:60 - HDG C profil ayarlanabilir bağlantı tabanı 4 delik 220°50°/4 (41x41B uygun) H:60 - HDG

Profiles



Hanging C Rail

профил за закачалка



Pre-Galvanized EN 10346

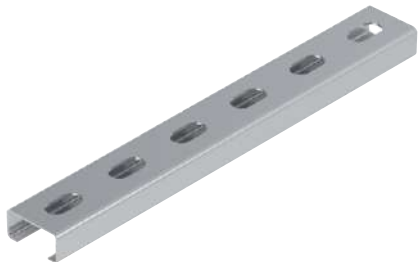
CL...A		L:2000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 2715A 10 PG	15x27	1,0	8,5x20	0.49	1	
CL 2715A 12 PG	15x27	1,2	8,5x20	0.58	1	
CL 2718A 10 PG	18x27	1,0	8,5x20	0.53	1	
CL 2718A 12 PG	18x27	1,2	8,5x20	0.63	1	
CL 3015A 12 PG	15x30	1,2	8,5x20	0.60	1	
CL 3015A 15 PG	15x30	1,5	8,5x20	0.74	1	
CL 3020A 15 PG	20x30	1,5	8,5x20	0.85	1	
CL 3028A 15 PG	28x30	1,5	8,5x20	1.02	1	

Hot Dip Galvanized EN ISO 1461

CL...A		L:2000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 2715A 10 HDG	15x27	1,0	8,5x20	0.54	1	
CL 2715A 12 HDG	15x27	1,2	8,5x20	0.64	1	
CL 2718A 10 HDG	18x27	1,0	8,5x20	0.59	1	
CL 2718A 12 HDG	18x27	1,2	8,5x20	0.70	1	
CL 3015A 12 HDG	15x30	1,2	8,5x20	0.67	1	
CL 3015A 15 HDG	15x30	1,5	8,5x20	0.82	1	
CL 3020A 15 HDG	20x30	1,5	8,5x20	0.94	1	
CL 3028A 15 HDG	28x30	1,5	8,5x20	1.13	1	

Hanging C Rail

профил за закачалка



Pre-Galvanized EN 10346

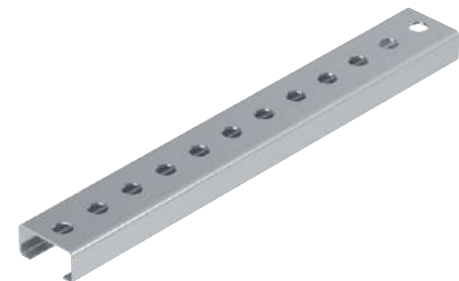
CL...C		L:3000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 4020C 15 PG	20x40	1,5	13x25	1.00	1	
CL 4020C 20 PG	20x40	2,0	13x25	1.30	1	
CL 4038C 15 PG	38x40	1,5	13x25	1.38	1	
CL 4038C 20 PG	38x40	2,0	13x25	1.81	1	
CL 5040C 20 PG	40x50	2,0	13x25	2.01	1	
CL 6040C 20 PG	40x60	2,0	13x25	2.15	1	

Hot Dip Galvanized EN ISO 1461

CL...C		L:3000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 4020C 15 HDG	20x40	1,5	13x25	1.11	1	
CL 4020C 20 HDG	20x40	2,0	13x25	1.44	1	
CL 4038C 15 HDG	38x40	1,5	13x25	1.53	1	
CL 4038C 20 HDG	38x40	2,0	13x25	2.01	1	
CL 5040C 20 HDG	40x50	2,0	13x25	2.23	1	
CL 6040C 20 HDG	40x60	2,0	13x25	2.39	1	

Hanging C Rail

профил за закачалка



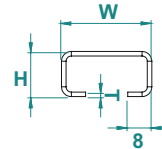
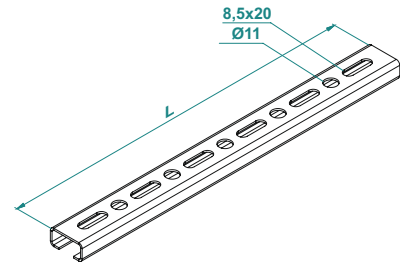
Pre-Galvanized EN 10346

CL...F		L:3000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 4020F 12 PG	20x40	1,2	Ø11	0.81	1	
CL 4020F 15 PG	20x40	1,5	Ø11	1.00	1	
CL 4020F 20 PG	20x40	2,0	Ø11	1.30	1	

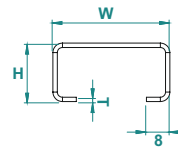
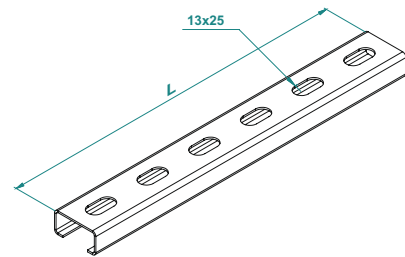
Hot Dip Galvanized EN ISO 1461

CL...F		L:3000				
CODE	Size mm HxW	Thickness T mm	Hole Size mm	kg 1mt	pcs	
CL 4020F 12 HDG	20x40	1,2	Ø11	0.90	1	
CL 4020F 15 HDG	20x40	1,5	Ø11	1.11	1	
CL 4020F 20 HDG	20x40	2,0	Ø11	1.44	1	

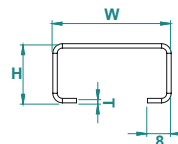
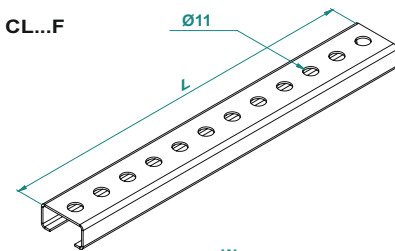
CL...A



CL...C



CL...F



MATERIAL

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

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

Available finishes:

SS - Stainless steel AISI 304L and aisi 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.5 2.0 2.5 3.0

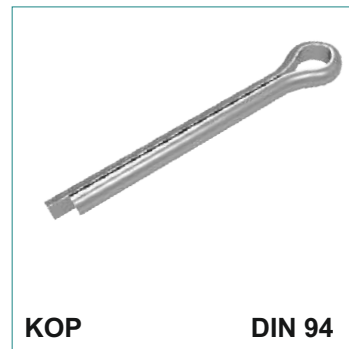
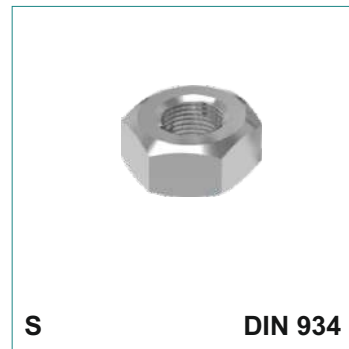
Монтаж и крепежни елементи



CFS



CSP

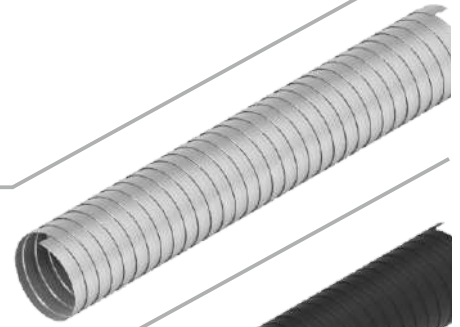


Steel and Plastic Electrical Conduits

Galvanized Flexible Steel Conduits

Çelik Spiral Boru

Металрукав из оцинкованной стали



PVC Coated Flexible Steel Conduit

PVC Kaplı Çelik Spiral Boru

Металрукав в ПВХ оболочке



PVC Spiral Pipe Flame-retardant

PVC Spiral boru

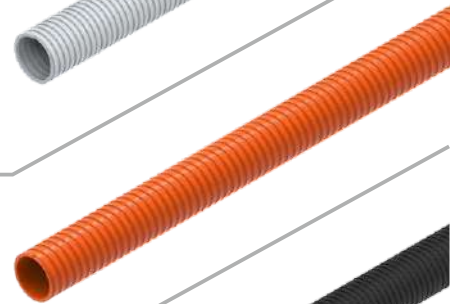
Гофрированная труба из ПВХ



PE Spiral Pipe Halogen Free

PE Spiral boru

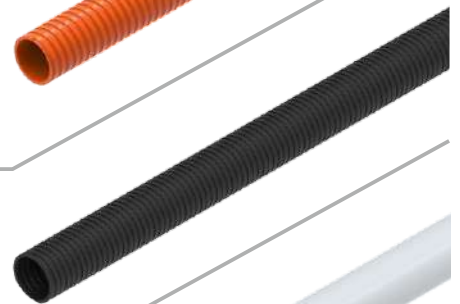
Гофрированная труба из полиэтилена



PA6 Polyamid Spiral Pipes

PA6 Spiral boru

Гофрированная труба из полиамида



PVC Rigid Pipes Flame-retardant Cold Bendable

PVC Düz boru

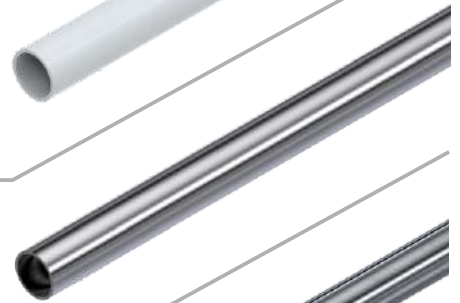
Жесткая гладкостенная труба из ПВХ



EMT Galvanised Steel Conduits

Galvaniz EMT boru

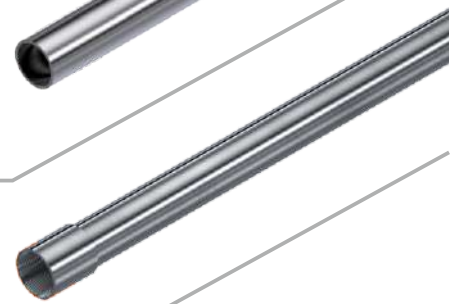
Оцинкованная стальная труба жесткая



RSC Galvanised Steel Conduits (threaded ends)

Galvaniz RSC boru, dişli

Оцинкованная стальная труба с наружной резьбой



Flexible Steel Conduits

Гъвкави стоманени тръбопроводи

Specification									
Material		Galvanized Steel	Galvanized Steel	PVC Coated Galvanized Steel	PVC Coated Galvanized Steel	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Casting
Compression Resistance		320 Newton / 60sec	320 Newton / 60sec	320 Newton / 60sec	320 Newton / 60sec				
IP rating		IP40	IP40	IP54	IP54	IP54	IP65		IP65
Temperature Resistance		-20 C / +220C	-20 C / +220 C	-20 C / +70 C	-20 C / +70 C	-20 C / +250 C	-20 C / +250 C		-20 C / +250 C
Color Options				Black	Black				
Size ID mm	inch	Codes (Conduits) in meters				Codes (Fittings) in metric			
9		CSB 9		PSB 9		RSM 9			
10	1/4"	CSB 10		PSB 10		RSM 10	LRSB 10	M12x1.5	EKFL GZ 038
11		CSB 11		PSB 11		RSM 11			
12	3/8"	CSB 12		PSB 12		RSM 12	LRSB 12	M16x1.5	
14		CSB 14	CSB 14 T	PSB 14	PSB 14 T	RSM 14			
16	1/2"	CSB 16	CSB 16 T	PSB 16	PSB 16 T	RSM 16	LRSB 16	M20x1.5	EKFL GZ 050
18		CSB 18	CSB 18 T	PSB 18	PSB 18 T	RSM 18			
21	3/4"	CSB 21	CSB 21 T	PSB 21	PSB 21 T	RSM 21	LRSB 21	M25x1.5	EKFL GZ 075
26	1"	CSB 26	CSB 26 T	PSB 26	PSB 26 T	RSM 26	LRSB 26	M32x1.5	EKFL GZ 100
29		CSB 29	CSB 29 T	PSB 29	PSB 29 T	RSM 29			
32		CSB 32	CSB 32 T	PSB 32	PSB 32 T	RSM 32			
35	1 1/4"	CSB 35	CSB 35 T	PSB 35	PSB 35 T	RSM 35	LRSB 35	M40x1.5	EKFL GZ 125
37		CSB 37	CSB 37 T	PSB 37	PSB 37 T	RSM 37			
40	1 1/2"	CSB 40	CSB 40 T	PSB 40	PSB 40 T	RSM 40	LRSB 40	M50x1.5	EKFL GZ 150
42		CSB 42	CSB 42 T	PSB 42	PSB 42 T				
45		CSB 45	CSB 45 T	PSB 45	PSB 45 T				
51	2"	CSB 51	CSB 51 T	PSB 51	PSB 51 T	RSM 51	LRSB 51	M63x1.5	EKFL GZ 200
63	2 1/2"	CSB 63	CSB 63 T	PSB 63	PSB 63 T	RSM 63	LRSB 63	M75x1.5	

PKL



Order code, metric	Nominal Conduit size		Metric Thread	Clamping range, D, mm
	metric, mm	Inch Size		
PKL 10	10	1/4"	M6	12-16
PKL 13	13	3/8"	M6	16-20
PKL 16	16	1/2"	M6	20-25
PKL 21	21	3/4"	M6	25-30
PKL 26	26	1"	M6	31-38
PKL 35	35	1 1/4"	M6	38-45
PKL 40	40	1 1/2"	M6	45-52
PKL 51	51	2"	M6	59-66
PKL 63	63	2 1/2"	M6	75-84

EMT TK



CODE	EMT, Size	Inside D, mm	Flexible Conduit	Hole Ød, mm
EMT TK 050	1/2"	17,90	PSB 14 / CSB 14	6,5
EMT TK 075	3/4"	23,42	PSB 18 / CSB 21	6,5
EMT TK 100	1"	29,54	CSB 26	8
EMT TK 125	1 1/4"	38,35	PSB 32 / CSB 35	8
EMT TK 150	1 1/2"	44,2	PSB 37 / CSB 40	8
EMT TK 200	2"	55,8	PSB 51 / CSB 51	11
RSC, Size				
RSC TK 050	1/2"	21,34	PSB 16 / CSB 18	6
RSC TK 075	3/4"	26,67	PSB 21	6
RSC TK 100	1"	33,4	PSB 26 / CSB 29	8
RSC TK 125	1 1/4"	42,16	PSB 35 / CSB 37	9
RSC TK 150	1 1/2"	48,26	PSB 42 / CSB 45	11
RSC TK 200	2"	60,33		14

EMT CK



CODE	EMT, Size	Inside D, mm	Flexible Conduit	Hole Ød, mm
EMT CK 050	1/2"	17,93	PSB 14 / CSB 14	5
EMT CK 075	3/4"	23,42	PSB 18 / CSB 21	5
EMT CK 100	1"	29,54	CSB 26	5
EMT CK 125	1 1/4"	38,35	PSB 32 / CSB 35	7
EMT CK 150	1 1/2"	44,2	PSB 37 / CSB 40	7
EMT CK 200	2"	55,8	PSB 51 / CSB 51	9
RSC, Size				
RSC TK 050	1/2"	21,34	PSB 16 / CSB 18	5
RSC TK 075	3/4"	26,67	PSB 21	5
RSC TK 100	1"	33,4	PSB 26 / CSB 29	7
RSC TK 125	1 1/4"	42,16	PSB 35 / CSB 37	7
RSC TK 150	1 1/2"	48,26	PSB 42 / CSB 45	9
RSC TK 200	2"	60,33		9

Galvanized Flexible Steel Conduit

Поцинковани гъвкави стоманени тръбопроводи



Material Ham made	Galvanized Steel Galvaniz Çelik
Compression Resistance Baskı Dayanımı	320 Newton / 60 Sec Class 2
IP Rating Dayanım Derecelendirmesi	IP40 Class 2
Temperature Resistance Sürekli Isıya Direnç	-20 C / +220 C

CSB

Dahili ortamlarda, mekanik koruma istenilen kablo tesisatlarında kullanılır.

APPLICATION FIELDS

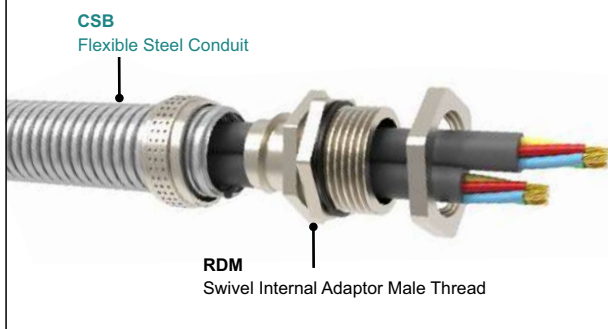
- *Machinery industry
- *Protecting cable under ground
- *Chemical industry
- *Protecting electrical installations

***Stainless steel option is available**
*Paslanmaz olarak da üretilebilmektedir.

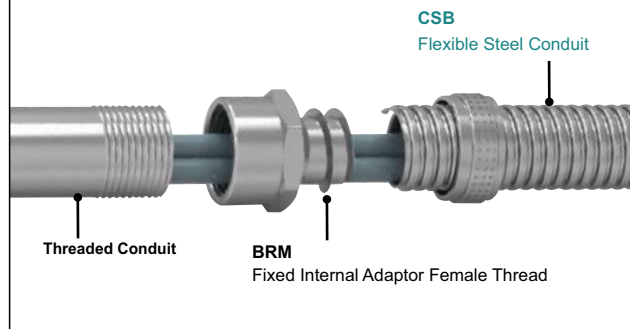
CSB

Model Number		CSA Metric Size (Ebat)	UL Size	ISO BS EN	Coil PACKAGING (Paket İç)	Internal Diameter (İç Çap)		External Diameter (Dış Çap)		Min Bend Radius
Without Wire (Telsiz)	With Wire (Kılavuz Telli)					ID, mm	ED, mm	min.	max.	
CSB 9		9			50	9,0	9,2	12,0	12,2	25
CSB 10		10	1/4"		50	9,7	10,2	12,7	13,2	25
CSB 11		11			50	10,9	11,2	13,9	14,2	35
CSB 12		12	3/8"	16	50	12,3	12,8	15,3	15,8	35
CSB 14	CSB 14 T	14			50	13,9	14,2	17,1	17,4	40
CSB 16	CSB 16 T	16	1/2"	20	50	15,5	16,0	18,7	19,2	40
CSB 18	CSB 18 T	18			50	17,6	18,0	20,8	21,2	45
CSB 21	CSB 21 T	21	3/4"	25	50	20,5	21,0	23,7	24,2	45
CSB 26	CSB 26 T	26	1"	32	25	25,5	26,4	29,0	29,2	55
CSB 29	CSB 29 T	29			25	28,6	29,0	32,1	32,5	55
CSB 32	CSB 32 T	32			25	32,0	32,5	35,5	36,0	60
CSB 35	CSB 35 T	35	1 1/4"	40	25	34,5	35,0	38,0	38,5	70
CSB 37	CSB 37 T	37			25	37,0	37,5	40,5	41,0	80
CSB 40	CSB 40 T	40	1 1/2"	50	25	39,5	40,1	43,0	43,6	85
CSB 42	CSB 42 T	42			25	41,5	42,0	45,0	45,5	85
CSB 45	CSB 45 T	45			25	44,5	45,0	48,0	48,5	90
CSB 51	CSB 51 T	51	2"	63	25	50,6	51,2	54,1	54,7	95
CSB 63	CSB 63 T	63	2 1/4"	70	15	62,9	63,6	67,9	68,6	140
CSB 78	CSB 78 T	78	3"	80	10	77,9	78,7	84,4	85,2	150
CSB 102	CSB 102 T	102	4"	100	10	101,6	102,6	108,1	109,1	190

Mounting Example



Mounting Example

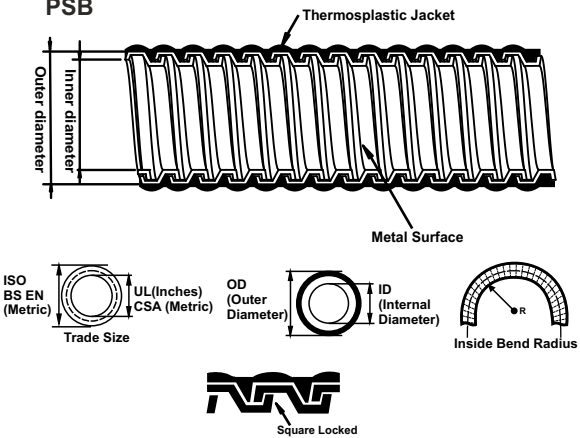


PVC coated Galvanized Flexible Steel Conduit

Гъвкави поцинковани стоманени тръбопроводи с PVC покритие.



Material Hammade	Pvc Coated Galvanized Steel Pvc Kaplı Galvaniz Çelik		
Colour Option Renk Seçeneği	Standard Black / Gray / Other colors (On request) Standard Siyah / Gri / İstenilen renkler		
Compression Resistance Baskı Dayanımı	320 Newton / 60 Sec	Class 2	
IP Rating Dayanım Derecelendirmesi	IP54	Class 2	
Temperature Resistance Sürekli Isiya Direnç	-20 C/ +70 C		



PSB

Thermoplastic Jacket

Outer diameter

Inner diameter

Metal Surface

ISO BS EN (Metric)

UL (Inches)

CSA (Metric)

Trade Size

OD (Outer Diameter)

ID (Internal Diameter)

Inside Bend Radius

Square Locked

Dahili ortamlarda, mekanik koruma istenilen kablo tesisatlarında kullanılır.

APPLICATION FIELDS

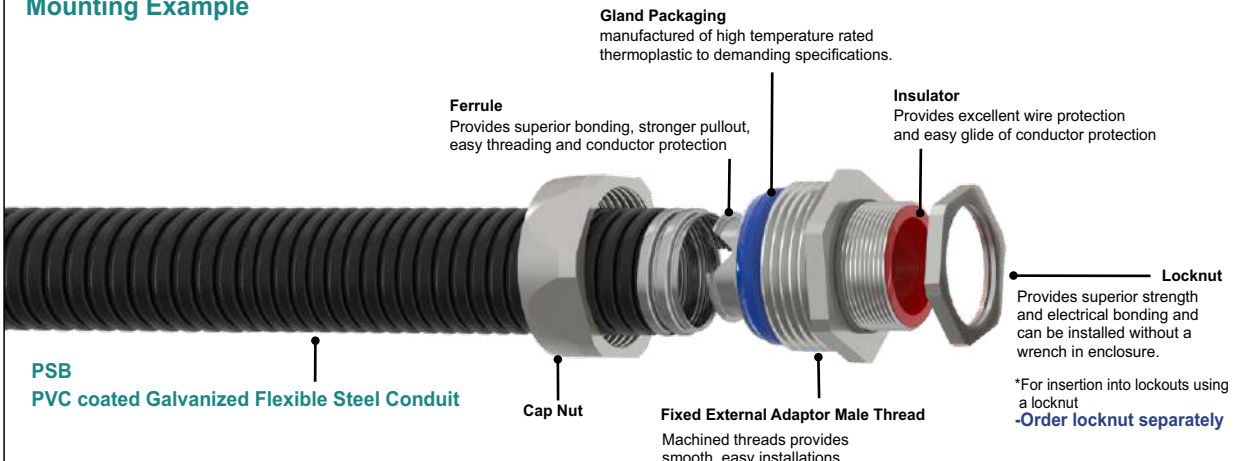
Machinery industry
Protecting cable under ground
Chemical industry
Protecting electrical installations

*Stainless steel option is available
*Paslanmaz olarak da üretilebilmektedir.

PSB

Model Number		CSA Metric Size (Ebat)	UL Size	ISO BS EN	Coil PACKAGING (Paket İçi)	Internal Diameter (İç Çap)		External Diameter (Dış Çap)		Min Bend Radius
Without Wire (Telsiz)	With Wire (Klavuz Telli)					ID, mm		ED, mm		
		mm	inch	mm	mt.	min.	max.	min.	max.	mm
PSB 9		9			50	9,0	9,2	13,2	13,5	30
PSB 10		10	1/4"		50	9,7	10,2	13,9	14,5	30
PSB 11		11			50	10,9	11,2	15,2	15,6	40
PSB 12		12	3/8"	16	50	12,3	12,8	16,6	17,2	40
PSB 14	PSB 14 T	14			50	13,9	14,2	18,4	18,8	46
PSB 16	PSB 16 T	16	1/2"	20	50	15,5	16,0	20,1	20,7	46
PSB 18	PSB 18 T	18			50	17,6	18,0	22,3	22,8	52
PSB 21	PSB 21 T	21	3/4"	25	50	20,5	21,0	25,5	26,1	52
PSB 26	PSB 26 T	26	1"	32	25	25,5	26,4	31,2	32,2	63
PSB 29	PSB 29 T	29			25	28,6	29,0	34,4	34,2	63
PSB 32	PSB 32 T	32			25	32,0	32,5	37,9	38,5	68
PSB 35	PSB 35 T	35	1 1/4"	40	25	34,5	35,0	40,6	41,2	80
PSB 37	PSB 37 T	37			25	37,0	37,5	43,1	43,7	90
PSB 40	PSB 40 T	40	1 1/2"	50	25	39,5	40,1	45,6	46,4	95
PSB 42	PSB 42 T	42			25	41,5	42,0	47,8	48,5	100
PSB 45	PSB 45 T	45			25	44,5	45,0	51,3	52,0	105
PSB 51	PSB 51 T	51	2"	63	25	50,6	51,2	57,5	58,3	115
PSB 63	PSB 63 T	63	2 1/2"	70	15	62,9	63,6	71,8	72,4	160
PSB 78	PSB 78 T	78	3"	80	10	77,9		87,2	87,9	175
PSB 102	PSB 102 T	102	4"	100	10	101,6	102,6	111,2	112,3	215

Mounting Example



Gland Packaging
manufactured of high temperature rated thermoplastic to demanding specifications.

Ferrule
Provides superior bonding, stronger pullout, easy threading and conductor protection

Insulator
Provides excellent wire protection and easy glide of conductor protection

Locknut
Provides superior strength and electrical bonding and can be installed without a wrench in enclosure.
*For insertion into lockouts using a locknut
-Order locknut separately


PSB
PVC coated Galvanized Flexible Steel Conduit

Cap Nut

Fixed External Adaptor Male Thread
Machined threads provides smooth, easy installations.


PVC Spiral Pipe Flame-retardant

PVC спирална тръба, забавяща горенето

Specification					
Material		PVC based Thermoplastic			
Compression Ressitance		320 Newton / 60sec	320 Newton / 60sec	750 Newton / 60sec	750 Newton / 60sec
Flame Retardant		Flame Redant			
Temperature Ressitance		-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C
Color Options		Ral 7035; Ral 7031; Ral 2004; Ral 9003; Ral 9005			
Size ID mm	in rol, meter	Codes (Conduits)			
16	100	SC1 016	SC1 116	SC3 016	SC3 116
20	100	SC1 020	SC1 120	SC3 020	SC3 120
25	50	SC1 025	SC1 125	SC3 025	SC3 125
32	50	SC1 032	SC1 132	SC3 032	SC3 132
40	50	SC1 040	SC1 140	SC3 040	SC3 140
50	25	SC1 050	SC1 150	SC3 050	SC3 150
63	15	SC1 063	SC1 163	SC3 063	SC3 163

PE Spiral Pipe Halogen Free

PE Спирална тръба без халоген

Specification							
Material		PE based Thermoplastic					
Compression Ressitance		125 Newton / 60sec	125 Newton / 60sec	320 Newton / 60sec	320 Newton / 60sec	750 Newton / 60sec	750 Newton / 60sec
Flame Retardant		Halogen Free					
Temperature Ressitance		-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C
Color Options		Ral 2004; Ral 7031; Ral 7035; Ral 9003; Ral 9005					
Size ID mm	in rol, meter	Codes (Conduits)					
16	100	HFO 016	HFO 116	HF1 016	HF1 116	HF3 016	HF3 116
20	100	HFO 020	HFO 120	HF1 020	HF1 120	HF3 020	HF3 120
25	50	HFO 025	HFO 125	HF1 025	HF1 125	HF3 025	HF3 125
32	50	HFO 032	HFO 132	HF1 032	HF1 132	HF3 032	HF3 132
40	50	HFO 040	HFO 140	HF1 040	HF1 140	HF3 040	HF3 140
50	25	HFO 050	HFO 150	HF1 050	HF1 150	HF3 050	HF3 150

Spiral Pipe Coupling Halogen Free



Order code	Ø
GFS-16-S	16
GFS-20-S	20
GFS-25-S	25
GFS-32-S	32

Spiral Pipe Coupling Halogen Free



Order code	Ø
CFS-16-PP	16
CFS-20-PP	20
CFS-25-PP	25
CFS-32-PP	32

Tweezers clip



Order code
CMK 8/28
CMK 3/13

Stick clip double



Order code
CFK 20
CFK 25

PVC Spiral Pipe Flame-retardant Light Gauge (320 Newton)

PVC спирална тръба, огнеустойчив светлинен габарит (320 нютона)



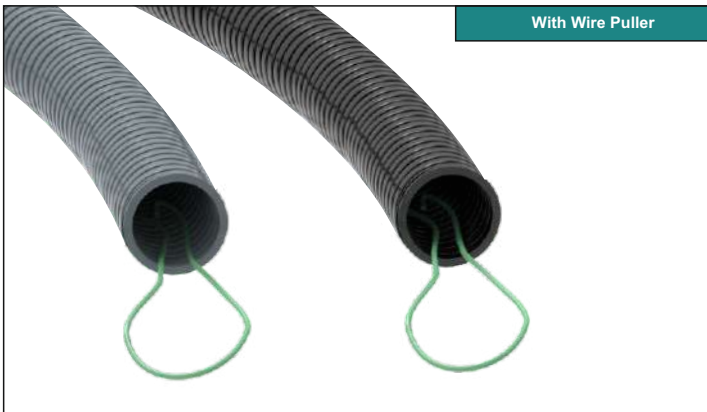
SC1 0...						
Model Number	Size mm	Inside D mm	Outside D mm	Puller	Package mt	Package Volume m3
SC1 016	16	11,2	16	without puller	100	0,0380
SC1 020	20	14,6	20	without puller	100	0,0510
SC1 025	25	18,6	25	without puller	50	0,0410
SC1 032	32	24,8	32	without puller	50	0,0460
SC1 040	40	31,2	40	without puller	50	0,0640
SC1 050	50	39,6	50	without puller	25	0,0840
SC1 063	60	52,5	63	without puller	15	0,0830

APPLICATION FIELDS

Used in flush mounted and surface mounted applications, walls and suspended ceilings, under plaster and electrical installations where low mechanical stress is expected.

PVC Spiral Pipe Flame-retardant Light Gauge (320 Newton)

PVC спирална тръба, огнеустойчив светлинен габарит (320 нютона)



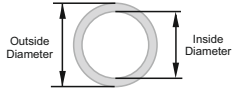
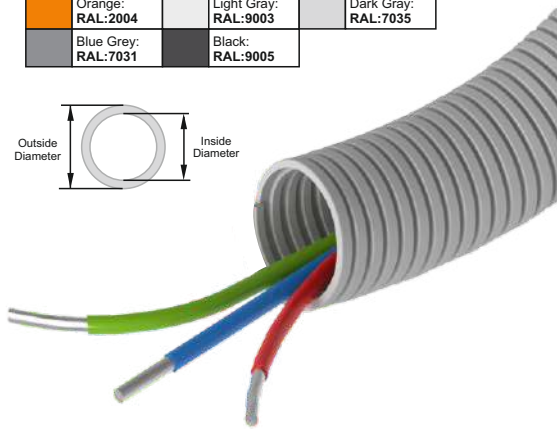
SC1 1...						
Model Number	Size mm	Inside D mm	Outside D mm	Puller	Package mt	Package Volume m3
SC1 116	16	11,2	16	with wire puller	100	0,0380
SC1 120	20	14,6	20	with wire puller	100	0,0510
SC1 125	25	18,6	25	with wire puller	50	0,0410
SC1 132	32	24,8	32	with wire puller	50	0,0460
SC1 140	40	31,2	40	with wire puller	50	0,0640
SC1 150	50	39,6	50	with wire puller	25	0,0840
SC1 163	60	52,5	63	with wire puller	15	0,0830

APPLICATION FIELDS

Used in flush mounted and surface mounted applications, walls and suspended ceilings, under plaster and electrical installations where low mechanical stress is expected.

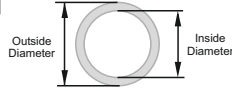
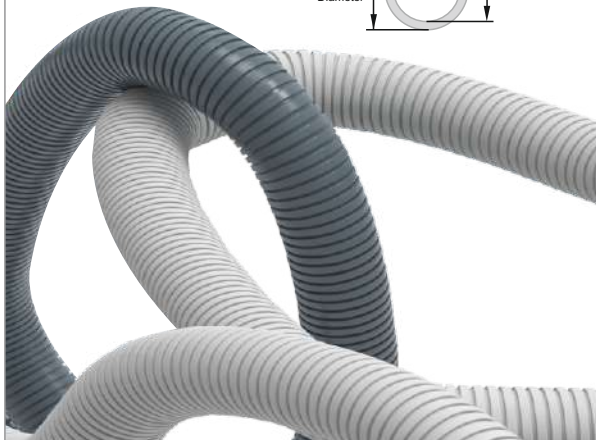
Technical Features	
Material	PVC Based Thermoplastic
Compression Resistance	320 Newton / 60 Sec Class 2
Impact Resistance	1 Kg / 100 mm Class 2
Temperature Resistance	-25 C/ +60C Class 4/1
Insulation Strength	2000 V/ 50 Hz / 15 min
Insulation Resistance	>100 MΩ / 60 sec / 500 V
Color Code	Ral 7035; Ral 7031; Ral 2004; Ral 9003; Ral 9005

Orange: RAL:2004	Light Gray: RAL:9003	Dark Gray: RAL:7035
Blue Grey: RAL:7031	Black: RAL:9005	

Technical Features	
Material	PVC Based Thermoplastic
Compression Resistance	320 Newton / 60 Sec Class 2
Impact Resistance	1 Kg / 100 mm Class 2
Temperature Resistance	-25 C/ +60C Class 4/1
Insulation Strength	2000 V/ 50 Hz / 15 min
Insulation Resistance	>100 MΩ / 60 sec / 500 V
Color Code	Ral 7035; Ral 7031; Ral 2004; Ral 9003; Ral 9005

Orange: RAL:2004	Light Gray: RAL:9003	Dark Gray: RAL:7035
Blue Grey: RAL:7031	Black: RAL:9005	

PA6 Polyamid Spiral Pipes Полиамидни спирални тръби PA6

Specification		UL 94 DIN EN ISO 8580		UL 94 DIN EN ISO 8580		METRIC THREAD	
Material	PA6 Polyamid- HF			Polyamid PA6	Polyamid PA6	Polyamid PA6	
Permanent Vibration	DIN 55442, high flexibility	Flame-retardant, UV		Flame-retardant	Flame-retardant	Flame-retardant	
Flame Retardant	V-DIN 75200 -HF	V-DIN 75200 -HF		Halogen Free	Halogen Free	Halogen Free	
Compression Resistance	750 Newton /60 sec	750 Newton /60 sec					
Color Options	Black-Grey (Ral 7031)						
Size ID mm	in rol, meter	Codes (Conduits)					
5	100	PA6 5	PA6 Vo 5				
7	100	PA6 7	PA6 Vo 7	RPG 7	RM 7	CL 7	
8.5	100	PA6 8.5	PA6 Vo 8.5	RPG 8.5	RM 8.5	CL 8.5	
10	100	PA6 10	PA6 Vo 10	RPG 10	RM 10	CL 10	
12	50	PA6 12	PA6 Vo 12	RPG 12	RM 12	CL 12	
14	50	PA6 14	PA6 Vo 14	RPG 14	RM 14	CL 14	
17	50	PA6 17	PA6 Vo 17	RPG 17	RM 17	CL 17	
19	50	PA6 19	PA6 Vo 19				
22	50	PA6 22	PA6 Vo 22	RPG 22	RM 22	CL 22	
23	50	PA6 23	PA6 Vo 23				
26	25	PA6 26	PA6 Vo 26				
29	25	PA6 29	PA6 Vo 29	RPG 29	RM 29	CL 29	
36	25	PA6 36	PA6 Vo 36	RPG 36	RM 36	CL 36	
48	25	PA6 48	PA6 Vo 48	RPG 48	RM 48	CL 48	

PVC Rigt Pipes Flame-retardant Cold Bendable

PVC твърди тръби, забавящи горенето - огъващи се на студено

Specification		Cold Bendable		Cold Bendable		Cold Bendable		Coupler		Clip	
Material	PVC base termoplastic										
Temperature Ressitance	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C	-25 C/ +60 C
Flame Retardant	Flame-retardant										
Compression Resistance	320 Newton /60 sec	750 Newton /60 sec	1250 Newton /60 sec								
Color Options	RAL 7035, RAL 9003, RAL 9005						RAL 7035, RAL 9005				
Size ID mm	in rol, meter	Codes (Conduits)									
16	102	SR1 316	SR2 316	SR3 316	GSS-16-PVC	CYS-16-PVC					
20	102	SR1 320	SR2 320	SR3 320	GSS-20-PVC	CYS-20-PVC					
25	75	SR1 325	SR2 325	SR3 325	GSS-25-PVC	CYS-25-PVC					
32	51	SR1 332	SR2 332	SR3 332	GSS-32-PVC	CYS-32-PVC					
40	51	SR1 340	SR2 340	SR3 340	GSS-40-PVC	CYS-40-PVC					
50	30	SR1 350	SR2 350	SR3 350	GSS-50-PVC	CYS-50-PVC					

PVC Elbow Bend Flame-retardant



CRA

PVC Elbow Bend 90°



ADS

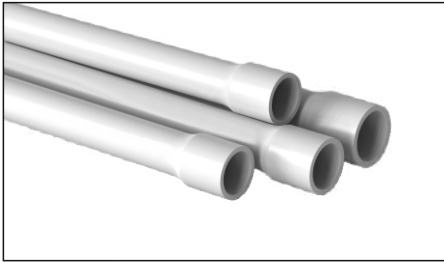
PVC T Joint



TBS

PVC Rigid Pipes With Coupling Flame-retardant Cold Bendable / Light Guage

PVC твърди тръби, забавящи горенето - огъващи се на студено

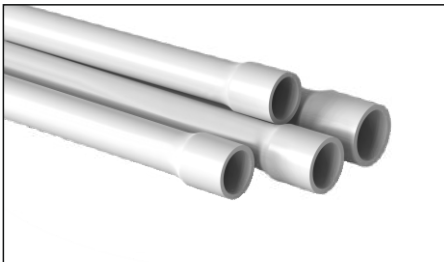


SR1 3... MF

Model Number	Nominal Diameter	Inside D mm	Outside D mm	Length mt	Packaging mt	Package Volume m ³
SR1 316 MF	Ø 16	13,7	16	3	102	0,0261
SR1 320 MF	Ø 20	17,6	20	3	102	0,0408
SR1 325 MF	Ø 25	22,2	25	3	75	0,0469
SR1 332 MF	Ø 32	28,7	32	3	51	0,0522
SR1 340 MF	Ø 40	36,5	40	3	51	0,0816
SR1 350 MF	Ø 50	46,4	50	3	30	0,0750

PVC Rigid Pipes With Coupling Flame-retardant Cold Bendable / Medium Guage

Твърди PVC тръби със съединител, забавители на горенето, огъващи се на студено / средно тегло

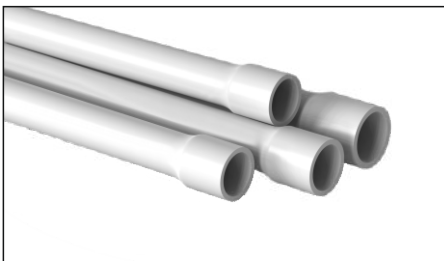


SR2 3... MF

Model Number	Nominal Diameter	Inside D mm	Outside D mm	Length mt	Packaging mt	Package Volume m ³
SR2 316 MF	Ø 16	13,2	16	3	102	0,0261
SR2 320 MF	Ø 20	17,1	20	3	102	0,0408
SR2 325 MF	Ø 25	21,6	25	3	75	0,0469
SR2 332 MF	Ø 32	28	32	3	51	0,0522
SR2 340 MF	Ø 40	35,8	40	3	51	0,0816
SR2 350 MF	Ø 50	45,7	50	3	30	0,0750

PVC Rigid Pipes With Coupling Flame-retardant Cold Bendable / Heavy Guage

твърди PVC тръби със съединител, забавящи горенето, огъващи се на студено / тежки габарити



SR3 3... MF

Model Number	Nominal Diameter	Inside D mm	Outside D mm	Length mt	Packaging mt	Package Volume m ³
SR3 316 MF	Ø 16	12	16	3	102	0,0261
SR3 320 MF	Ø 20	15,8	20	3	102	0,0408
SR3 325 MF	Ø 25	20,6	25	3	75	0,0469
SR3 332 MF	Ø 32	26,9	32	3	51	0,0522
SR3 340 MF	Ø 40	34,5	40	3	51	0,0816
SR3 350 MF	Ø 50	44,2	50	3	30	0,0750

Technical Features

Material	PVC Base Thermoplastic
Compression Resistance	320 Newton / 60 Sec Class 2
Impact Resistance	1 Kg / 100 mm / -25 C Class 2
Temperature Resistance	-25 C / +60C Class 4/1
Insulation Strength	2000 V / 50 Hz / 15 Min
Insulation Resistance	>100 MΩ / 60 sec / 500 V
Color Code	RAL 7035, RAL 9003, RAL 9005

Dark Gray: RAL:7035	Light Gray: RAL:9003	Black: RAL:9005
------------------------	-------------------------	--------------------



Technical Features

Material	PVC Base Thermoplastic
Compression Resistance	750 Newton / 60 Sec Class 3
Impact Resistance	1 Kg / 100 mm / -25 C Class 2
Color Code	RAL 7035, RAL 9003, RAL 9005

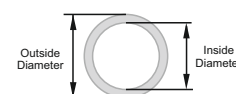
Dark Gray: RAL:7035	Light Gray: RAL:9003	Black: RAL:9005
------------------------	-------------------------	--------------------



Technical Features








Material	PVC Base Thermoplastic
Compression Resistance	1250 Newton / 60 Sec Class 4
Impact Resistance	2 Kg / 100 mm / -25 C Class 3
Color Code	RAL 7035, RAL 9003, RAL 9005

Dark Gray: RAL:7035	Light Gray: RAL:9003	Black: RAL:9005
------------------------	-------------------------	--------------------



EMT Galvanized Steel Conduits

EMT поцинковани стоманени тръбопроводи

Specification						Threaded Ends			
Material		Galvanized Steel	Galvanized Steel	Steel	Steel		Galvanized Steel	Galvanized Steel	Steel
Size ID mm	inch	Codes (Conduits)							
		16	1/2"	EMT 050	EMT 90 050	MUF V 050	EK V 050	RSC 050	RSC 90 050
21	3/4"	EMT 075	EMT 90 075	MUF V 075	EK V 075	RSC 075	RSC 90 075	MUF 075	
27	1"	EMT 100	EMT 90 100	MUF V 100	EK V 100	RSC 100	RSC 90 100	MUF 100	
35	1 1/4"	EMT 125	EMT 90 125	MUF V 125	EK V 125	RSC 125	RSC 90 125	MUF 125	
41	1 1/2"	EMT 150	EMT 90 150	MUF V 150	EK V 150	RSC 150	RSC 90 150	MUF 150	
53	2"	EMT 200	EMT 90 200	MUF V 200	EK V 200	RSC 200	RSC 90 200	MUF 200	

Rigid Locknuts Steel



Order code,	Size ID	Inch Size
KSC 050	16	1/2"
KSC 075	21	3/4"
KSC 100	27	1"
KSC 125	31	1 1/4"
KSC 150	41	1 1/2"
KSC 200	53	2"

Universal Strut Clamps with Bolt -For Conduits EMT/IMC/RSC -Steel



Order code,	Size ID	Inch Size
CPK 050	16	1/2"
CPK 075	21	3/4"
CPK 100	27	1"
CPK 125	31	1 1/4"
CPK 150	41	1 1/2"
CPK 200	53	2"

Conduit Hangers, EMT/IMC/RIGID/CSB/PSB W/ Bolt & Nut - Steel



Order code,	Inch Size	Size ID	Flexible Conduit
BAK 050	1/2"	21,34	PSB - CSB 14/18
BAK 075	3/4"	26,67	PSB - CSB 21/26
BAK 100	1"	33,4	PSB - CSB 29/32
BAK 125	1 1/4"	42,16	PSB - CSB 35/40
BAK 150	1 1/2"	48,26	PSB - CSB 42/45
BAK 200	2"	60,33	PSB - CSB 51

Conduit Bending Aluminum Conduit Benders



Order code	Suitable Pipe
Boru Bukme 050	1/2" EMT
Boru Bukme 075	3/4" EMT, 1/2" IMC/RSC
Boru Bukme 100	1" EMT, 3/4" IMC/RSC
Boru Bukme 125	1 1/4" EMT, 1" IMC/RSC

Galvanized Steel Outlet Boxes



Order code,	Size mm
GKB 102 38	102x102x38
GKB 102 54	102x102x54
GKB 102	102x102

Underfloor Cable Trays H30

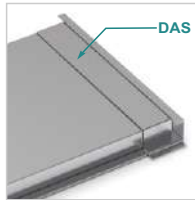
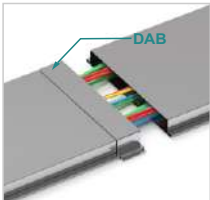
Подови кабелни скари H30



Pre - Galvanized

DAK ...					1.2mm
CODE	Width a mm	Length L mm	KG 1m	pcs	
DAK 308 12 PG	80	3000	2.56	1	
DAK 312 12 PG	120	3000	3.72	1	
DAK 316 12 PG	160	3000	4.47	1	
DAK 320 12 PG	200	3000	5.54	1	
DAK 324 12 PG	240	3000	6.33	1	
DAK 330 12 PG	300	3000	7.46	1	

Mounting Samples



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)

Accessories

Straight Connector (Underfloor)



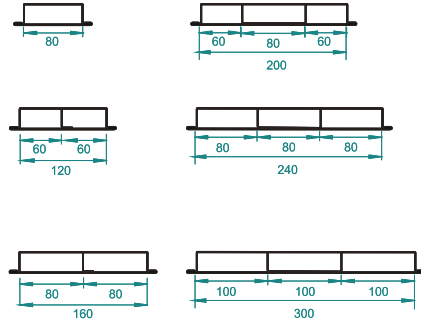
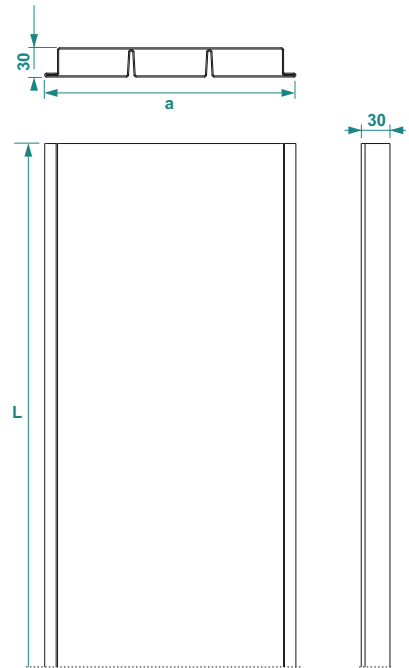
Stop End (Underfloor)



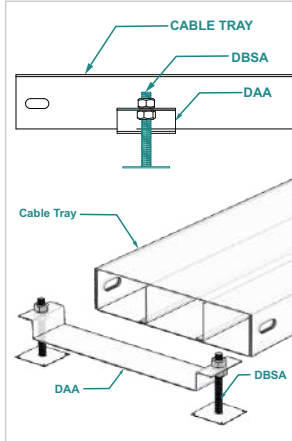
Level Adjustment Elements



DAK



DBSA & DAA COMMON USAGE



Socket Case

Калъф за бука



BUAT				
CODE	Height H mm	Socket Place mm	KG 1 pc	
BPK 8	80	8+2	1,200	

Junction Box (18 Modules)

Dağıtım Buatı (18 Modül)



BUAT				
CODE	Height H mm	Socket Place mm	KG 1 pc	
BUAT 35 8	65-90	8+2	3,0	

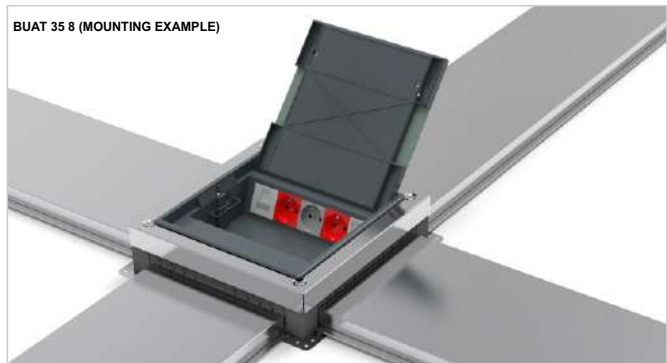
Empty Junction Box

Празна съединителна кутия

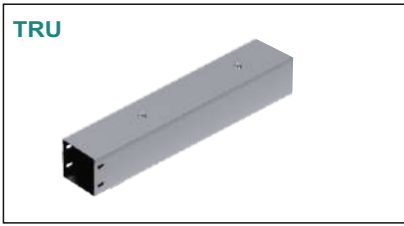


DBB				
CODE	Height H mm	Size mm	KG 1 pc	
DBB 35 8	65	350x350	1,9	

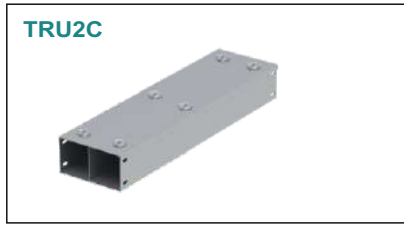
BUAT 35 8 (MOUNTING EXAMPLE)



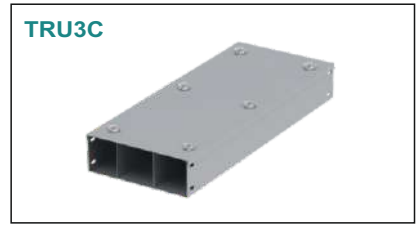
1 Comp. Steel Cable Trunkings - Quick Fix Lid



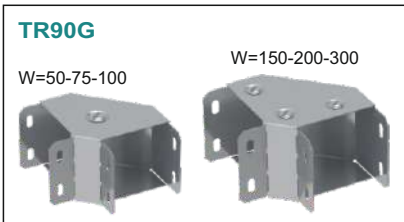
2 Comp. Steel Cable Trunkings - Quick Fix Lid



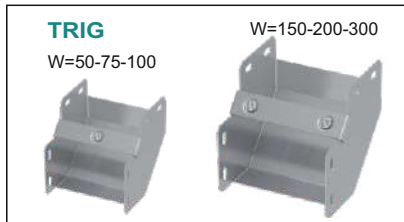
3 Comp. Steel Cable Trunkings - Quick Fix Lid



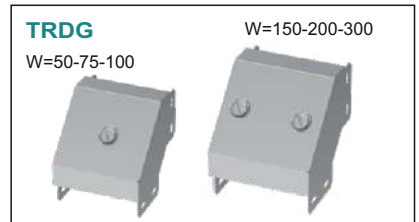
Top Lid 90° Bend - Gusset - Quick Fix



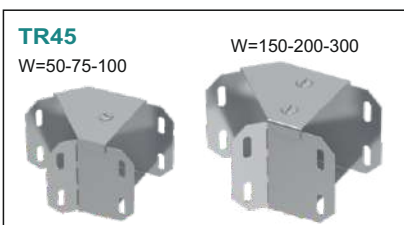
Inside Lid 90° Bend - Gusset - Quick Fix



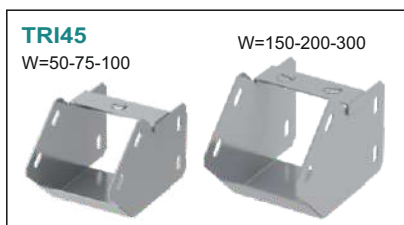
Outside Lid 90° Bend - Gusset - Quick Fix



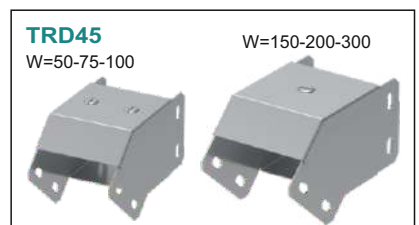
Top Lid 45° Bend - Quick Fix



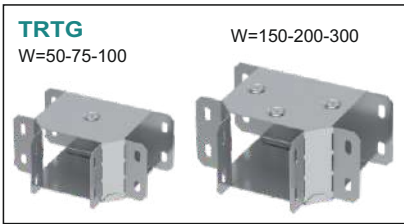
Inside Lid 45° Bend - Quick Fix



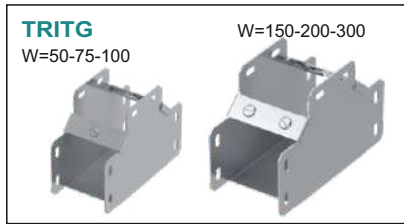
Outside Lid 45° Bend - Quick Fix



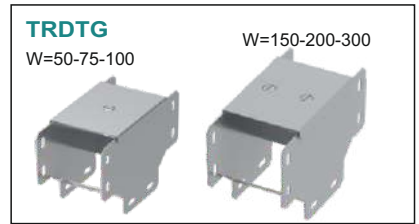
Top Lid Tee Bend - Gusset - Quick Fix



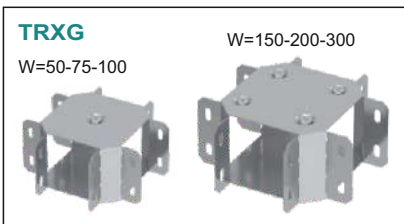
Inside Lid Tee Bend - Gusset - Quick Fix



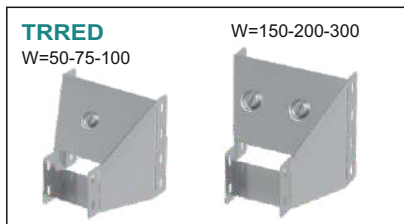
Outside Lid Tee - Gusset - Quick Fix



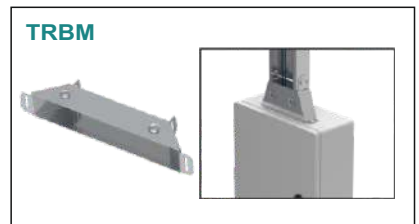
Top Lid crossover - Gusset - Quick Fix



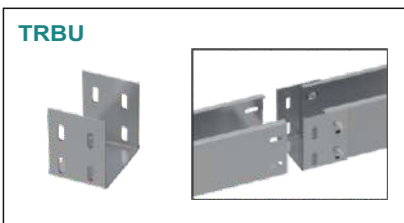
Reducer - Quick Fix



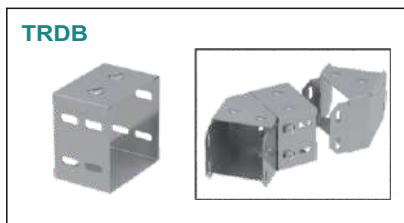
Bellmouth - Quick Fix



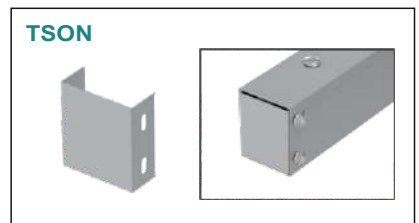
U Type Connector



Fitting Adapter - Quick Fix



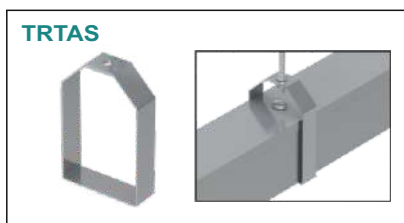
Stop End



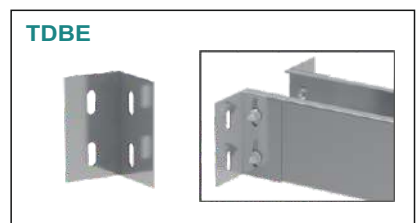
Earth Link



Trunking Single Threaded Rod Hanger



Flange (angle) connector (pair)



PVC Trunking

PVC кабелни скари



PT...						
CODE	SIZE	Length	PACKAGING TYPE ПАКЕТЛЕМЕ ТИПИ	IN PACK QUANTITY ПАКЕТ ІЧІ	VOLUME OF PACK КОЛІ HACMI	WEIGHT OF PACK КОЛІ АГІРЛІГІ
	EBAT	UZUNLUK				
	mm	mm				
PT 1212	12x12	2000	in box	360	0,063	20,9
PT 1510	15x10	2000	in box	320	0,067	19,7
PT 1616	16x16	2000	in box	304	0,091	21,8
PT 2010	20x10	2000	in box	264	0,067	22,5
PT 2013	20x13	2000	in box	240	0,080	20,5
PT 2020	20x20	2000	in box	192	0,091	21,1
PT 2516	25x16	2000	in box	168	0,091	20,9
PT 2525	25x25	2000	in box	130	0,100	20,0
PT 3020	30x20	2000	in box	120	0,091	19,1
PT 4016	40x16	2000	in box	112	0,091	21,3
PT 4025	40x25	2000	in box	80	0,100	18,3
PT 4040	40x40	2000	in box	72	0,091	20,9
PT 6040	60x40	2000	in box	48	0,091	20,1
PT 6060	60x60	2000	in box	40	0,100	20,3
PT 8040	80x40	2000	in box	36	0,091	19,3
PT 8060	80x60	2000	in box	32	0,100	20,1
PT 10040	100x40	2000	in box	28	0,091	21,1
PT 10060	100x60	2000	in box	24	0,100	20,8
PT 12060	120x60	2000	in box	20	0,100	21,9

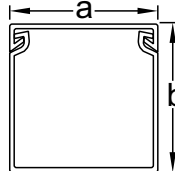
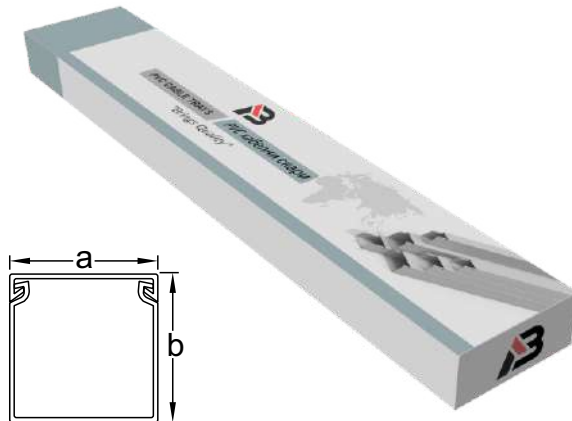
Adhesive PVC Trunking

PVC кабелни скари (с лепило)



APT S...						
CODE	SIZE	Length	PACKAGING TYPE ПАКЕТЛЕМЕ ТИПИ	IN PACK QUANTITY ПАКЕТ ІЧІ	VOLUME OF PACK КОЛІ HACMI	WEIGHT OF PACK КОЛІ АГІРЛІГІ
	EBAT	UZUNLUK				
	mm	mm				
APT 1212 S	12x12	2000	in box	360	0,063	21,4
APT 1510 S	15x10	2000	in box	320	0,067	20,3
APT 1616 S	16x16	2000	in box	266	0,091	22,3
APT 2010 S	20x10	2000	in box	240	0,067	23,0
APT 2013 S	20x13	2000	in box	240	0,080	21,0
APT 2020 S	20x20	2000	in box	192	0,091	21,8
APT 2516 S	25x16	2000	in box	168	0,091	21,5
APT 2525 S	25x25	2000	in box	130	0,100	20,5
APT 3020 S	30x20	2000	in box	120	0,091	19,6
APT 4016 S	40x16	2000	in box	112	0,091	21,9
APT 4025 S	40x25	2000	in box	80	0,100	18,7
APT 4040 S	40x40	2000	in box	72	0,091	21,3
APT 6040 S	60x40	2000	in box	48	0,091	20,6
APT 6060 S	60x60	2000	in box	40	0,100	20,7

PT...



ЕНЕРДЖИ ГРУП ООД		ЕНЕРДЖИ ГРУП ООД	
Упаковка Code of Item Код Товара	PT 1212	Размер Size	12x12 mm
Адет Quantity	378 mt	Колі Quantity	378 mt
Колі ваги Box Weight	21,79 kg	Колі ваги Box Weight	21,79 kg
Упаковка Description	PVC кабелни Скари PVC cable trunking	Колі ваги In box	Колі ваги In box
Описание	Пластиковый короб	Колі ваги In box	Колі ваги In box
12 X 12			

General features

Row Material PVC UL94, V0 M1
Impact Resistance : 2 Joule
Operation Temperature : -25 +65 Co
Colour : White RAL 9010
IP Ingress Protection : IP40

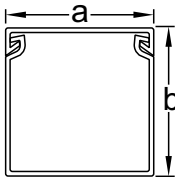
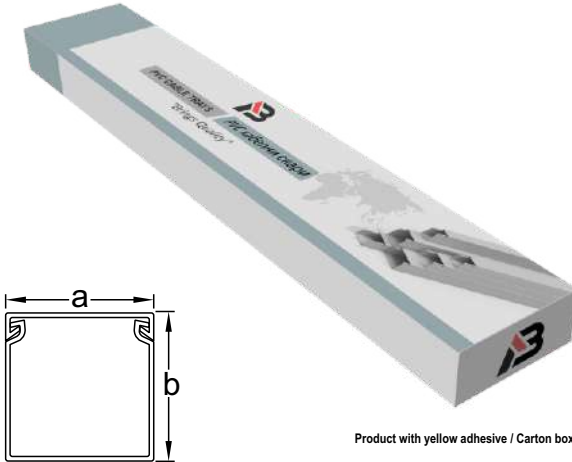
Additional Features

UV resistant
Easy install, paintable, non-flammable,
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Nonflammable

Important:

The label size area of Ab group cable trunking **without adhesive tape** is GRAY on the box.

PT... S



Product with yellow adhesive / Carton box

ЕНЕРДЖИ ГРУП ООД		ЕНЕРДЖИ ГРУП ООД	
Упаковка Code of Item	APT 25X16 S	Размер Size	25x16
Адет Quantity	168 mt	Колі Quantity	168 mt
Колі ваги Box Weight	20,1 kg	Колі ваги Box Weight	20,1 kg
Упаковка Description	PVC Кабелни Канали PVC Cable Trunking	Колі ваги In Box	Колі ваги In Box
25x16		CE	

General features

Row Material PVC UL94, V0 M1
Impact Resistance : 2 Joule
Operation Temperature : -25 +65 Co
Colour : White RAL 9010
IP Ingress Protection : IP40

Additional Features

UV resistant
Easy install, paintable, non-flammable,
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Nonflammable

Important:

The label size area of Ab group cable trunking **without adhesive tape** is GREY on the box.

PVC Trunking

Пластмасови кабелни скари



PT N...

CODE	SIZE	Length	PACKAGING TYPE PAKETLEME TIPI	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
	EBAT	UZUNLUK		PAKET İÇİ	KOLI HACMI	KOLI AĞIRLIĞI
	mm	mm		m	m3	kg
PT 1212 N	12x12	2000	in nylon box	200	0,029	11,1
PT 1510 N	15x10	2000	in nylon box	200	0,030	11,7
PT 1616 N	16x16	2000	in nylon box	100	0,026	7,9
PT 2010 N	20x10	2000	in nylon box	100	0,020	8,2
PT 2013 N	20x13	2000	in nylon box	100	0,026	8,2
PT 2020 N	20x20	2000	in nylon box	100	0,040	10,5
PT 2516 N	25x16	2000	in nylon box	100	0,040	11,9
PT 2525 N	25x25	2000	in nylon box	50	0,031	7,4
PT 3020 N	30x20	2000	in nylon box	50	0,030	7,6
PT 4016 N	40x16	2000	in nylon box	50	0,032	9,1
PT 4025 N	40x25	2000	in nylon box	50	0,050	10,9
PT 4040 N	40x40	2000	in nylon box	48	0,077	13,3
PT 6040 N	60x40	2000	in nylon box	36	0,086	14,3
PT 6060 N	60x60	2000	in nylon box	24	0,086	11,6
PT 8040 N	80x40	2000	in nylon box	16	0,051	8,2
PT 8060 N	80x60	2000	in nylon box	16	0,077	9,6
PT 10040 N	100x40	2000	in nylon box	16	0,064	11,5
PT 10060 N	100x60	2000	in nylon box	12	0,072	9,9
PT 12060 N	120x60	2000	in nylon box	8	0,058	8,4

Adhesive PVC Trunking

(Лепило) ПВЦ кабелни скари

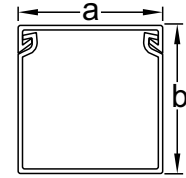


APT NS...

CODE	SIZE	Length	PACKAGING TYPE PAKETLEME TIPI	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
	EBAT	UZUNLUK		PAKET İÇİ	KOLI HACMI	KOLI AĞIRLIĞI
	mm	mm		m	m3	kg
APT 1212 NS	12x12	2000	in nylon box	200	0,029	11,4
APT 1510 NS	15x10	2000	in nylon box	200	0,030	12,1
APT 1616 NS	16x16	2000	in nylon box	100	0,026	8,1
APT 2010 NS	20x10	2000	in nylon box	100	0,020	8,4
APT 2013 NS	20x13	2000	in nylon box	100	0,026	8,4
APT 2020 NS	20x20	2000	in nylon box	100	0,040	10,7
APT 2516 NS	25x16	2000	in nylon box	100	0,040	12,3
APT 2525 NS	25x25	2000	in nylon box	50	0,031	7,6
APT 3020 NS	30x20	2000	in nylon box	50	0,030	7,8
APT 4016 NS	40x16	2000	in nylon box	50	0,032	9,4
APT 4025 NS	40x25	2000	in nylon box	50	0,050	11,2
APT 4040 NS	40x40	2000	in nylon box	48	0,077	13,6
APT 6040 NS	60x40	2000	in nylon box	36	0,086	14,7
APT 6060 NS	60x60	2000	in nylon box	24	0,086	11,8

PT... N

Nylon Bag Packaging



Ürün Kodu Code of Item Kod. Trakuzette	PT 1212	12 12
Ölçü Size Размер	12*12	
Adet Quantity Количество	378 mt	
Koli Ağırlığı Box Weight Вес в коробе	21,79 kg	
Ürün adı Description Описание	PVC Kablo Kanalı PVC cable trunking Пластмассовые скари	Kutulu in box в коробе
12 X 12		

General features

Row Material PVC UL94, V0 M1
Impact Resistance : 2 Joule
Operation Temperature : -25 +65 Co
Colour : White RAL 9010
IP Ingress Protection : IP40

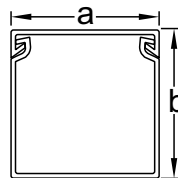
Additional Features

UV resistant
Easy install, paintable, non-flammable
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Nonflammable

Important:

The label size area of AB group cable trunking **without adhesive tape** is GREY on the box.

APT... NS



Product with yellow adhesive / Nylon Package

Ürün Kodu Code of Item	APT 25X16 NS	25 16
Ölçü Size	25x16	
Adet Quantity	100 mt	
Koli Ağırlığı Box Weight	20,50	
Ürün adı Description	PVC Kablo Kanalı PVC Cable Trunking	Kutulu In Box
25x16		

General features

Row Material PVC UL94, V0 M1
Impact Resistance : 2 Joule
Operation Temperature : -25 +65 Co
Colour : White RAL 9010
IP Ingress Protection : IP40

Additional Features

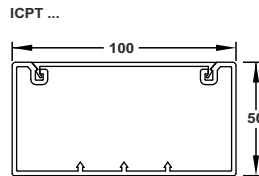
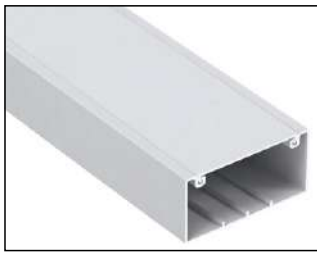
UV resistant
Easy install, paintable, non-flammable,
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Nonflammable

Important:

The label size area of AB group cable trunking **without adhesive tape** is GREY on the box.

Modular System Cable Trays

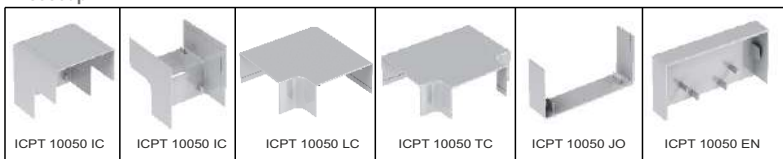
Модулни системни кабелни скари



CODE	SIZE EBAT	LENGTH UZUNLUK (L)	PACKAGING TYPE	IN PACK QUANTITY (PAKET İÇİ)	VOLUME OF PACK KOLI HACMI	WEIGHT OF PACK KOLI AĞIRLIĞI
	mm	mm		m	m3	kg
ICPT 10050	100x50	2000	in box	24	0,100	21,6
ICPT 10050.29	100x50	2900	in nylon bag	11,6	0,058	12,6

Accessories

Аксесоари



CODE	DESCRIPTION OF GOODS		SIZE EBAT	IN PACK QUANTITY KOLI İÇİ ADET	VOLUME OF PACK KOLI HACMI	WEIGHT OF PACK KOLI AĞIRLIĞI
	EN	TR				
	mm	m/pc	m3	kg		
ICPT 10050 SE	Partition	Ara bölme	100x50	150 m	0,075	19,6
ICPT 10050 EC	External Corner	Dış köşe	100x50	8 pc	0,0094	0,9
ICPT 10050 IC	Internal Corner	İç Köşe	100x50	8 pc	0,0100	0,6
ICPT 10050 LC	L Shaped Corner	L Dirsek	100x50	10 pc	0,0136	1,0
ICPT 10050 TC	T Shaped Corner	T Dirsek	100x50	10 pc	0,0136	1,0
ICPT 10050 JO	Joint	Birleştirme Elemanı	100x50	100 pc	0,0100	1,6
ICPT 10050 EN	Ending	Sonlandırma Kapağı	100x50	40 pc	0,0040	0,7

Socket Sets

Комплекти фасунги



CODE	DESCRIPTION OF GOODS		FOR SOCKET SIZE	IN PACK QUANTITY PAKET İÇİ	VOLUME OF PACK KOLI HACMI	WEIGHT OF PACK KOLI AĞIRLIĞI
	EN	TR				
	mm	pc	m3	kg		
PS 11	Single Frame	Tekli Çerçeve	45x45	20	0,006	1,12
PS 12	Double Frame	İkili Çerçeve	45x45	14	0,006	1,07
PS 13	Triple Frame	Üçlü Çerçeve	45x45	12	0,006	1,08
PS 14	Quartet Frame	Dörtlü Çerçeve	45x45	10	0,006	1,18

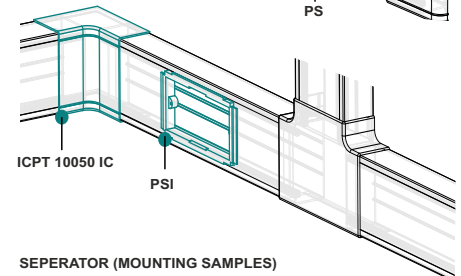
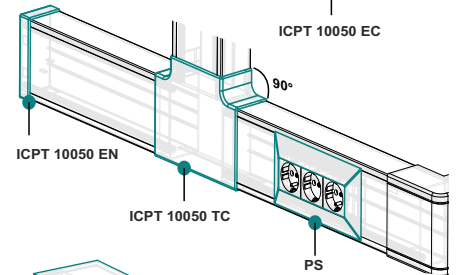
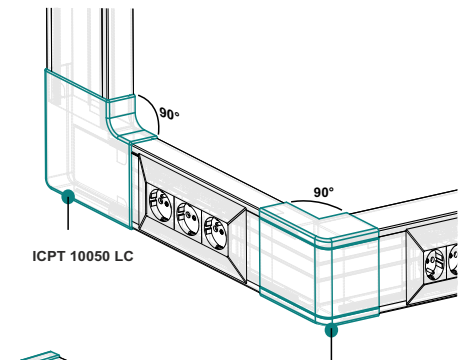
Socket Sets (British Norm)

Комплекти гнезда (британска норма)

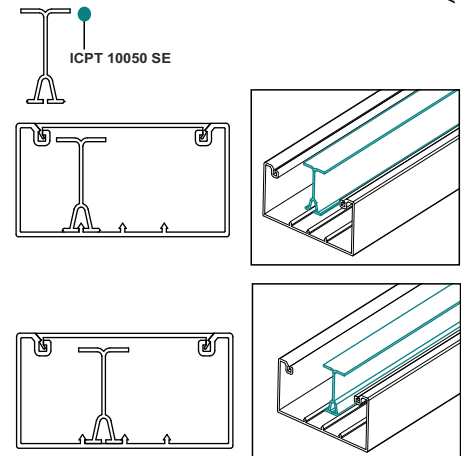


CODE	DESCRIPTION OF GOODS		FOR SOCKET SIZE	IN PACK QUANTITY PAKET İÇİ	VOLUME OF PACK KOLI HACMI	WEIGHT OF PACK KOLI AĞIRLIĞI
	EN	TR				
	mm	pc	m3	kg		
PSI 15	Single Socket Base	Priz Tabanı (Tek)	SNG BS	200	0,040	3,85
PSI 16	Double Socket Base	Priz Tabanı (Çift)	DBL BS	100	0,040	2,48
PSI 17	Double High Socket Base	Priz Tabanı (Çiftli Yüksek)	2x SNG BS	94	0,032	5,07

ACCESSORIES (MOUNTING SAMPLES)



SEPERATOR (MOUNTING SAMPLES)



Technical Properties

Raw Material	PVC UL94, VO M1
Impact Resistance	2 Joule
Ip Rating	IP40
Colour	White RAL 9010
Temperature Resistance	-25 C / +65 C

Additional Features

UV resistance
Easy install, paintable
Economic and adaptable
Resistant to acidics, oils and greases
Non-conductive
Non-flammable

Floor Type Cable Trunkings

Подови кабелни скари



DPT...

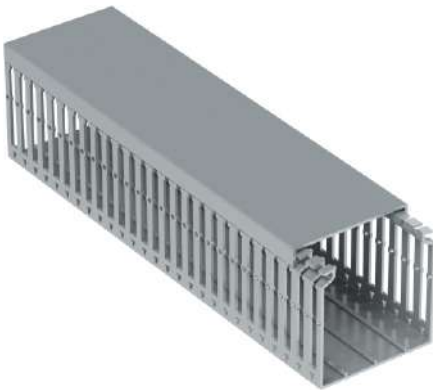
CODE	SIZE	Length	PACKAGING TYPE	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
	EBAT	UZUNLUK				
	mm	mm		m	m ³	kg
DPT 5012	50x12	2000	in box	80	0,055	23,20
DPT 6015	60x15	2000	in box	60	0,055	21,60
DPT 7518	75x18	2000	in box	32	0,055	17,60
DPT 9020	90x20	2000	in box	24	0,055	16,60

Adhesive Type

ADPT 5012	50x12	2000	in box	80	0,055	23,20
ADPT 6015	60x15	2000	in box	60	0,055	21,60
ADPT 7518	75x18	2000	in box	32	0,055	17,60
ADPT 9020	90x20	2000	in box	24	0,055	16,60

Slotted Cable Trunking

Кабелни скари с прорези (тип панел)



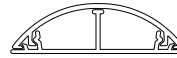
DMT...

CODE	SIZE	Length	PACKAGING TYPE	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
	EBAT	UZUNLUK				
	mm	mm		m	m ³	kg
DMT 2525	25x25	2000	in box	120	0,082	24,72
DMT 2540	25x40	2000	in box	100	0,082	26,74
DMT 2560	25x60	2000	in box	60	0,082	22,80
DMT 4040	40x40	2000	in box	52	0,082	19,38
DMT 4060	40x60	2000	in box	36	0,082	17,87
DMT 4080	40x80	2000	in box	48	0,082	28,05
DMT 6040	60x40	2000	in box	36	0,082	18,66
DMT 6060	60x60	2000	in box	48	0,109	29,56
DMT 6080	60x80	2000	in box	36	0,094	25,50
DMT 8060	80x60	2000	in box	32	0,109	23,55
DMT 8080	80x80	2000	in box	24	0,082	20,52
DMT 10060	100x60	2000	in box	24	0,082	22,92
DMT 120x60	120x60	2000	in box	16	0,082	19,11

DPT...
ADPT...



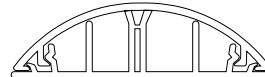
50X12



60X15



75X18



90X20

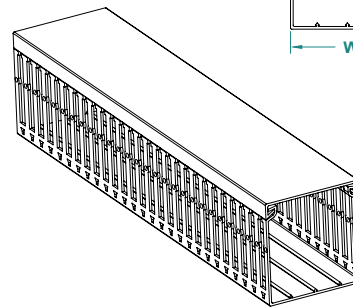
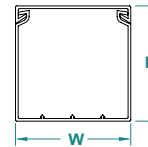
Technical Properties

Raw Material	PVC UL94, VO M1
Colour	RAL 7045 GREY
Temperature Resistance	-25 C / +60 C

Additional Features

UV resistance
Easy install, paintable
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Non-flammable

DMT...



Technical Properties

Raw Material	PVC UL94, VO M1
Colour	RAL 9030 GREY
Temperature Resistance	-25 C / +60 C

Additional Features

UV resistance
Easy install, paintable
Economic and adaptable
Resistant to acids, oils and greases
Non-conductive
Non-flammable

ABS Enclosure Opaque w/Metal Plate

Корпус от ABS (непрозрачен бял / метална плоча)



Thermoplastic

PNO							
CODE	Size (axbxh) mm	Hinge Mentеше Qty - Adet	Lock Kilit Qty - Adet	Product Type Ürün Tipi	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
					PAKET İÇİ	KOLİ HACMI	KOLİ AĞIRLIĞI
					Quantity / Adet	m ³	kg
PNO 182413	180x240x130	2	1	Opaque	1	0,005	1,00
PNO 203013	200x300x130	2	1	Opaque	1	0,008	1,25
PNO 253515	250x350x150	2	1	Opaque	1	0,014	1,78
PNO 304017	300x400x170	2	2	Opaque	1	0,020	2,45
PNO 304022	300x400x220	2	2	Opaque	1	0,027	2,8
PNO 355019	350x500x190	2	2	Opaque	1	0,034	3,4
PNO 405018	400x500x180	2	2	Opaque	1	0,036	3,75
PNO 405024	400x500x240	2	2	Opaque	1	0,048	4,35
PNO 406020	400x600x200	2	2	Opaque	1	0,048	4,75
PNO 506022	500x600x220	2	2	Opaque	1	0,066	6,75
PNO 507025	500x700x250	3	2	Opaque	1	0,088	7,7
PNO 608026	600x800x260	3	2	Opaque	1	0,125	12,5

Thermoplastic Enclosure (Transparent)

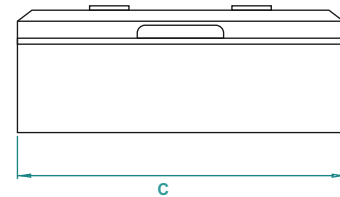
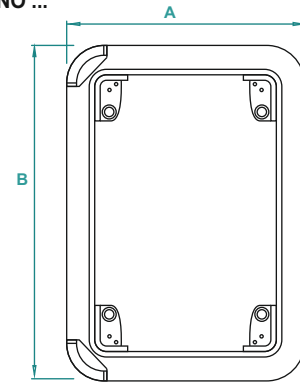
Термопластичен корпус (прозрачен)



Thermoplastic

PNT							
CODE	Size (axbxh) mm	Hinge Mentеше Qty - Adet	Lock Kilit Qty - Adet	Product Type Ürün Tipi	IN PACK QUANTITY	VOLUME OF PACK	WEIGHT OF PACK
					PAKET İÇİ	KOLİ HACMI	KOLİ AĞIRLIĞI
					Quantity / Adet	m ³	kg
PNT 182413	180x240x130	2	1	Transparent	1	0,005	1,00
PNT 203013	200x300x130	2	1	Transparent	1	0,008	1,25
PNT 253515	250x350x150	2	1	Transparent	1	0,014	1,78
PNT 304017	300x400x170	2	2	Transparent	1	0,020	2,45
PNT 304022	300x400x220	2	2	Transparent	1	0,027	2,8
PNT 355019	350x500x190	2	2	Transparent	1	0,034	3,4
PNT 405018	400x500x180	2	2	Transparent	1	0,036	3,75
PNT 405024	400x500x240	2	2	Transparent	1	0,048	4,35
PNT 406020	400x600x200	2	2	Transparent	1	0,048	4,75
PNT 506022	500x600x220	2	2	Transparent	1	0,066	6,75
PNT 507025	500x700x250	3	2	Transparent	1	0,088	7,7
PNT 608026	600x800x260	3	2	Transparent	1	0,125	12,5

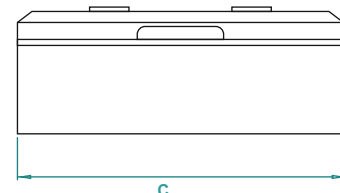
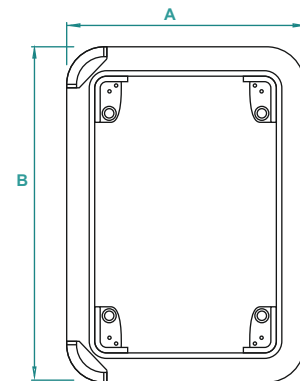
PNO ...



*Mounting plate: Galvanized Steel (1 mm)
*Plastic Material: ABS Halogen Free
*Protection degree: IP65
*Ral code: RAL 7035 Gray

*Montaj Tabanı: Galvaniz Çeliği (1 mm)
*Plastik Malzemesi (Türü): ABS / Halojenсіz
*Koruma Derecesi: IP65
*Ral Kodu: RAL 7035 Gri

PNT ...



*Mounting plate: Galvanized Steel (1 mm)
*Plastic Material: ABS Halogen Free
*Protection degree: IP65
*Ral code: RAL 7035 Gray

*Montaj Tabanı: Galvaniz Çeliği (1 mm)
*Plastik Malzemesi (Türü): ABS / Halojenсіz
*Koruma Derecesi: IP65
*Ral Kodu: RAL 7035 Gri

Hot Dip Galvanised Strips

Горещо поцинковани ленти

Part No.	Material	Conductor Diameter (mm ²)	Standard Coil Size	Weight (m)
ET.FD.TS.303	StZn	30x3 mm	50 m	0,73
ET.FD.TS.3035	StZn	30x3.5 mm	50 m	0,85
ET.FD.TS.304	StZn	30x4 mm	50 m	0,96
ET.FD.TS.305	StZn	30x5 mm	40 m	1,20
ET.FD.TS.353	StZn	35x3 mm	50 m	0,85
ET.FD.TS.254	StZn	25x4 mm	50 m	0,80
ET.FD.TS.403	StZn	40x3 mm	50 m	0,96
ET.FD.TS.404	StZn	40x4 mm	40 m	1,30
ET.FD.TS.405	StZn	40x5 mm	40 m	1,60
ET.FD.TS.504	StZn	50x4 mm	40 m	1,60
ET.FD.TS.505	StZn	50x5 mm	40 m	2,00
ET.FD.TS.506	StZn	50x6 mm	6 m	2,40
ET.FD.TS.605	StZn	60x5 mm	6 m	2,40

Cu: Мед

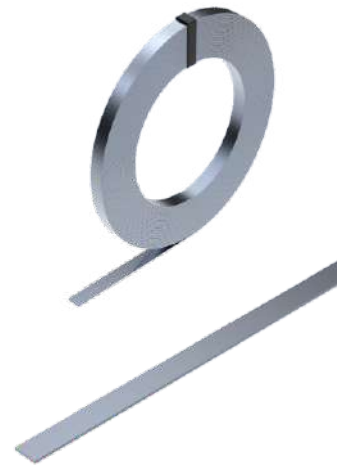
Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.



Bare Copper Tape

Голи медни ленти

Part No.	Material	Conductor Diameter (mm ²)	Standard Coil Size	Weight (m)
ET.C.TS.252	Cu	25x2 mm	50 m ~	0,44
ET.C.TS.253	Cu	25x3 mm	50 m ~	0,67
ET.C.TS.302	Cu	30x2 mm	50 m ~	0,53
ET.C.TS.203	Cu	20x3 mm	50 m ~	0,53

Cu: Мед

Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.



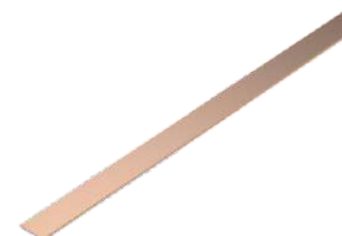
Hard Drawn Copper

Твърдо изтеглена мед

Part No.	Material	Conductor Diameter	Length	Weight (m)
ET.C.B.153	Cu	15x3 mm	3 m	0,40
ET.C.B.203	Cu	20x3 mm	5 m	0,53
ET.C.B.253	Cu	25x3 mm	5 m	0,67
ET.C.B.303	Cu	30x3 mm	5 m	0,80
ET.C.B.403	Cu	40x3 mm	5 m	1,07
ET.C.B.205	Cu	20x5 mm	5 m	0,89
ET.C.B.255	Cu	25x5 mm	5 m	1,11
ET.C.B.305	Cu	30x5 mm	5 m	1,33
ET.C.B.405	Cu	40x5 mm	5 m	1,78
ET.C.B.505	Cu	50x5 mm	5 m	2,22
ET.C.B.605	Cu	60x5 mm	5 m	2,67
ET.C.B.805	Cu	80x5 mm	5 m	3,56
ET.C.B.1005	Cu	100x5 mm	5 m	4,45
ET.C.B.1255	Cu	125x5 mm	5 m	5,56
ET.C.B.2010	Cu	20x10 mm	5 m	1,78
ET.C.B.3010	Cu	30x10 mm	5 m	2,67
ET.C.B.4010	Cu	40x10 mm	5 m	3,56
ET.C.B.5010	Cu	50x10 mm	5 m	4,45
ET.C.B.6010	Cu	60x10 mm	5 m	5,34
ET.C.B.8010	Cu	80x10 mm	5 m	7,12
ET.C.B.10010	Cu	100x10 mm	5 m	8,90
ET.C.B.12010	Cu	120x10 mm	5 m	10,68
ET.C.B.15010	Cu	150x10 mm	5 m	13,35
ET.C.B.16010	Cu	160x10 mm	5 m	14,24

Copper conductors are manufactured according to EN 13601

Cu: Bakır / Copper



Pvc Covered Stranded Copper Cable

Усукан меден кабел с PVC покритие



Part No.	Material	Cross-Sectional Area (mm ²)	Nominal Diameter (Ø)	Colour Range	Weight (m)
ET.ICSY.SW.10	Cu	10	6.10 mm	S&Y/Green&Yellow	0.11
ET.ICSY.SW.16	Cu	16	6.80 mm	S&Y/Green&Yellow	0.17
ET.ICSY.SW.25	Cu	25	8.80 mm	S&Y/Green&Yellow	0.26
ET.ICSY.SW.35	Cu	35	9.80 mm	S&Y/Green&Yellow	0.35
ET.ICSY.SW.50	Cu	50	11.50 mm	S&Y/Green&Yellow	0.50
ET.ICSY.SW.70	Cu	70	13.20 mm	S&Y/Green&Yellow	0.68
ET.ICSY.SW.95	Cu	95	15.00 mm	S&Y/Green&Yellow	0.93
ET.ICSY.SW.120	Cu	120	17.00 mm	S&Y/Green&Yellow	1.17
ET.ICSY.SW.150	Cu	150	19.00 mm	S&Y/Green&Yellow	1.45
ET.ICSY.SW.185	Cu	185	21.00 mm	S&Y/Green&Yellow	1.85
ET.ICSY.SW.240	Cu	240	24.50 mm	S&Y/Green&Yellow	2.35

Bare Stranded Copper Cable

Гол многожилен меден кабел



Part No.	Material	Conductor Diameter (mm ²)	Stranding No. (Ø)	Nominal Diameter (Ø)	Weight (m)
ET.C.SW.10	Cu	10	7x1.35	4.20 mm	0.086
ET.C.SW.16	Cu	16	7x1.70	5.10 mm	0.142
ET.C.SW.25	Cu	25	7x2.14	6.42 mm	0.221
ET.C.SW.35	Cu	35	7x2.52	7.56 mm	0.310
ET.C.SW.50	Cu	50	7x3.00	8.90 mm	0.443
ET.C.SW.70	Cu	70	19x2.14	10.70 mm	0.605
ET.C.SW.95	Cu	95	19x2.52	12.60 mm	0.84
ET.C.SW.120	Cu	120	19x2.80	14.20 mm	1.07
ET.C.SW.150	Cu	150	37x2.25	15.75 mm	1.34
ET.C.SW.185	Cu	185	37x2.52	17.64 mm	1.65
ET.C.SW.240	Cu	240	61x2.25	20.25 mm	2.18
ET.C.SW.300	Cu	300	61x2.45	22.5 mm	2.71

Hot Dip Galvanised Mono Wire

Горещо поцинкована моножила



Part No.	Material	Conductor Diameter (mm ²)	Standard Coil Size	Weight (m)
ET.FD.MW.8	SiZn	8.0	120 m ~	0.42
ET.FD.MW.10	SiZn	10.0	80 m ~	0.64

CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

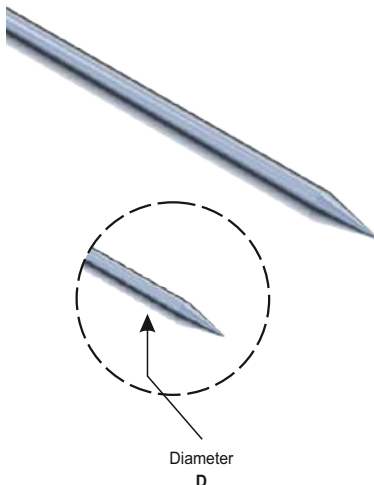
SiZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.

Hot Dip Galvanized Earth Rod

Горещо поцинкована земна пръчка

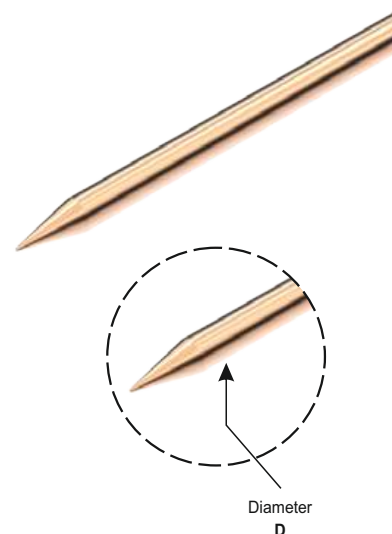


Part No.	Material	Diameter D	Length	Weight (each)
ET.C.FD.TES.16100	SiZn	16 mm	1000 mm	1,60
ET.C.FD.TES.16150	SiZn	16 mm	1500 mm	2,40
ET.C.FD.TES.16200	SiZn	16 mm	2000 mm	3,20
ET.C.FD.TES.18100	SiZn	18 mm	1000 mm	2,00
ET.C.FD.TES.18150	SiZn	18 mm	1500 mm	3,00
ET.C.FD.TES.18200	SiZn	18 mm	2000 mm	4,00
ET.C.FD.TES.20100	SiZn	20 mm	1000 mm	2,50
ET.C.FD.TES.20150	SiZn	20 mm	1500 mm	3,75
ET.C.FD.TES.20200	SiZn	20 mm	2000 mm	5,00

Solid Copper Earth Rod

Плътен меден заземителен прът

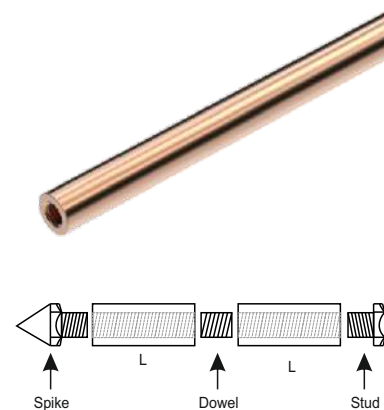
Part No.	Material	Diameter	Length	Weight (each)
ET.C.TES.14100	Cu	14 mm	1000 mm	1,35
ET.C.TES.14150	Cu	14 mm	1500 mm	2,04
ET.C.TES.16100	Cu	16 mm	1000 mm	1,77
ET.C.TES.16150	Cu	16 mm	1500 mm	2,67
ET.C.TES.16175	Cu	16 mm	1750 mm	3,11
ET.C.TES.16200	Cu	16 mm	2000 mm	3,56
ET.C.TES.16300	Cu	16 mm	3000 mm	5,35
ET.C.TES.18100	Cu	18 mm	1000 mm	2,23
ET.C.TES.18150	Cu	18 mm	1500 mm	3,37
ET.C.TES.18175	Cu	18 mm	1750 mm	3,93
ET.C.TES.18200	Cu	18 mm	2000 mm	4,50
ET.C.TES.18300	Cu	18 mm	3000 mm	6,80
ET.C.TES.20100	Cu	20 mm	1000 mm	2,76
ET.C.TES.20150	Cu	20 mm	1500 mm	4,15
ET.C.TES.20175	Cu	20 mm	1750 mm	4,85
ET.C.TES.20200	Cu	20 mm	2000 mm	5,55
ET.C.TES.20300	Cu	20 mm	3000 mm	8,35



Solid Copper Earth Rod

Плътен меден заземителен прът

Part No.	Material	Diameter	Threaded Size	Length	Weight (m)
ET.C.TE.14100	Cu	14 mm	M.8	1000 mm	1.35
ET.C.TE.14150	Cu	14 mm	M.8	1500 mm	2.04
ET.C.TE.16100	Cu	16 mm	M.10	1000 mm	1.77
ET.C.TE.16150	Cu	16 mm	M.10	1500 mm	2.67
ET.C.TE.16175	Cu	16 mm	M.10	1750 mm	3.11
ET.C.TE.16200	Cu	16 mm	M.10	2000 mm	3.56
ET.C.TE.16300	Cu	16 mm	M.10	3000 mm	5.35
ET.C.TE.18100	Cu	18 mm	M.12	1000 mm	2.23
ET.C.TE.18150	Cu	18 mm	M.12	1500 mm	3.37
ET.C.TE.18175	Cu	18 mm	M.12	1750 mm	3.93
ET.C.TE.18200	Cu	18 mm	M.12	2000 mm	4.50
ET.C.TE.18300	Cu	18 mm	M.12	3000 mm	6.80
ET.C.TE.20100	Cu	20 mm	M.12	1000 mm	2.76
ET.C.TE.20150	Cu	20 mm	M.12	1500 mm	4.15
ET.C.TE.20175	Cu	20 mm	M.12	1750 mm	4.85
ET.C.TE.20200	Cu	20 mm	M.12	2000 mm	5.55
ET.C.TE.20300	Cu	20 mm	M.12	3000 mm	8.35



Electrode Connection Accessories

Акcesoари за свързване на електроди

Part No.	Material	Product Description	Spanner	Threaded Size	Weight (m)
ET.FE.ECV.10	St	Çakma Takozu / Driving Stud	17 mm	M.10	0.02
ET.FE.ECV.12	St	Çakma Takozu / Driving Stud	19 mm	M.12	0.02
ET.SS.ECV.10	Va	Çakma Takozu / Driving Stud	17 mm	M.10	0.02
ET.SS.ECV.12	Va	Çakma Takozu / Driving Stud	19 mm	M.12	0.02
ET.FE.ESV.10	St	Sivri Uç / Spike	17 mm	M.10	0.02
ET.FE.ESV.12	St	Sivri Uç / Spike	19 mm	M.12	0.02
ET.SS.ESV.10	Va	Sivri Uç / Spike	17 mm	M.10	0.02
ET.SS.ESV.12	Va	Sivri Uç / Spike	19 mm	M.12	0.02
ET.FE.EAV.10	St	Ara Bağlantı / Coupling Dowel		M.10	0.01
ET.FE.EAV.12	St	Ara Bağlantı / Coupling Dowel		M.12	0.02
ET.SS.EAV.10	Va	Ara Bağlantı / Coupling Dowel		M.10	0.01
ET.SS.EAV.12	Va	Ara Bağlantı / Coupling Dowel		M.12	0.02



CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо поцинкована стомана

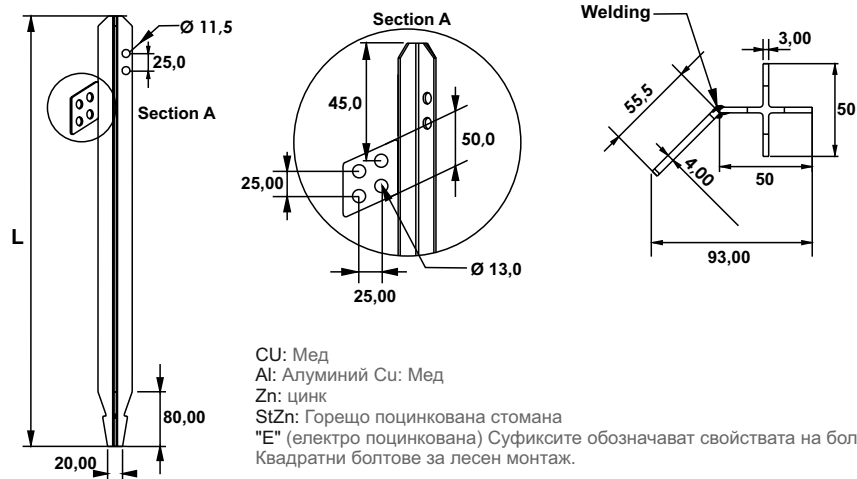
"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.

Hot Dip Galvanised Earth Rod

Горещо поцинкована земна пръчка

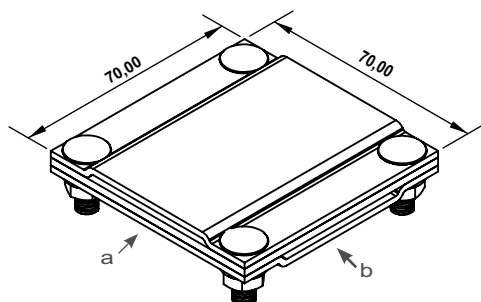
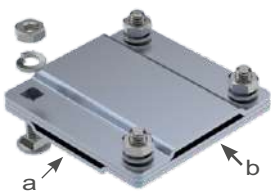
Part No.	Material	Dimensions	Length	Weight (each)
ET.FD.TEX.503100	SiZn	50x50	1000 mm	2,34
ET.FD.TEX.503150	SiZn	50x50	1500 mm	3,46
ET.FD.TEX.503200	SiZn	50x50	2000 mm	4,58
ET.FD.TEX.503250	SiZn	50x50	2500 mm	5,70
ET.FD.TEX.503300	SiZn	50x50	3000 mm	6,82



Hot Dip Galvanised Square Clamp

Горещо поцинкована квадратна скоба

Part No.	Material	Screw Diameter	Conductor Diameter (a)	Conductor Diameter (b)	Weight (each)
ET.FD.TKE.303.620E	SiZn	M6x20	30x3 mm	30x3 mm	0,19
ET.FD.TKE.404.620E	SiZn	M6x20	40x4 mm	40x4 mm	0,24

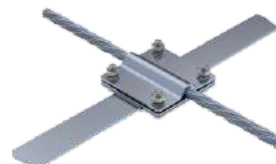
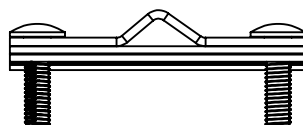
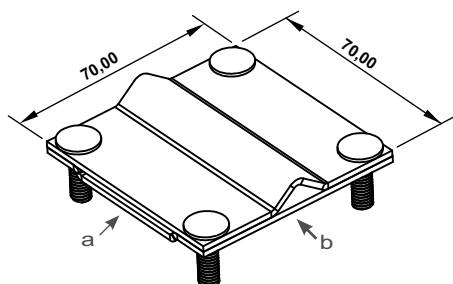


CU: Мед
 Al: Алуминий Cu: Мед
 Zn: цинк
 SiZn: Горещо поцинкована стомана
 "E" (електро поцинкована) Суфиксите обозначават свойствата на болта.
 Квадратни болтове за лесен монтаж.

Hot Dip Galvanised Square Clamp

Горещо поцинкована квадратна скоба

Part No.	Material	Screw Diameter	Conductor Diameter (a)	Conductor Diameter (b)	Weight (each)
ET.FD.TKE.30325.620E	Stzn	M6x20	30x3	25 mm ²	0,19
ET.FD.TKE.30335.620E	Stzn	M6X20	30x3	35 mm ²	0,19
ET.FD.TKE.30350.620E	Stzn	M6x20	30x3	50 mm ²	0,19
ET.FD.TKE.30370.620E	Stzn	M6X20	30x3	70 mm ²	0,20
ET.FD.TKE.30395.620E	Stzn	M6x20	30x3	95 mm ²	0,20
ET.FD.TKE.40425.620E	Stzn	M6X20	30x3	25 mm ²	0,24
ET.FD.TKE.40435.620E	Stzn	M6x20	40x4	35 mm ²	0,24
ET.FD.TKE.40450.620E	Stzn	M6X20	40x4	50 mm ²	0,24
ET.FD.TKE.40470.620E	Stzn	M6x20	40x4	70 mm ²	0,24
ET.FD.TKE.40495.620E	Stzn	M6X20	40x4	95 mm ²	0,24
ET.FD.TKE.404120.620E	Stzn	M6x20	40x4	120 mm ²	0,25

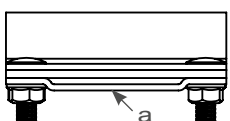
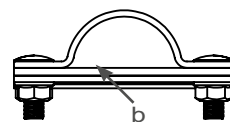
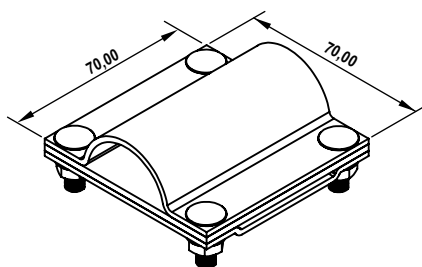


CU: Мед
 Al: Алуминий Cu: Мед
 Zn: цинк
 StZn: Горещо поцинкована стомана
 "E" (електро поцинкована) Суфиксите обозначават свойствата на болта.
 Квадратни болтове за лесен монтаж.

Hot Dip Galvanised Square Clamp

Горещо поцинкована квадратна скоба

Part No.	Material	Screw Diameter	Conductor Diameter (a)	Rebar Diameter (b)	Weight
ET.FD.TKE.30308.620E	StZn	M6x20	30x3 mm	8.0 mm	0,19
ET.FD.TKE.30310.620E	StZn	M6X20	30x3 mm	10.0 mm	0,19
ET.FD.TKE.30312.620E	StZn	M6x20	30x3 mm	12.0 mm	0,19
ET.FD.TKE.30316.620E	StZn	M6X20	30x3 mm	16.0 mm	0,20
ET.FD.TKE.30318.620E	StZn	M6x20	30x3 mm	18.0 mm	0,20
ET.FD.TKE.30320.620E	StZn	M6X20	30x3 mm	20.0 mm	0,20
ET.FD.TKE.30322.620E	StZn	M6x20	30x3 mm	22.0 mm	0,20
ET.FD.TKE.30326.620E	StZn	M6X20	30x3 mm	26.0 mm	0,21
ET.FD.TKE.30332.620E	StZn	M6X20	30x3 mm	32.0 mm	0,28



CU: Мед
 Al: Алуминий Cu: Мед
 Zn: цинк
 StZn: Горещо поцинкована стомана
 "E" (електро поцинкована) Суфиксите обозначават свойствата на болта.
 Квадратни болтове за лесен монтаж.

Conductor Clamp

Скоба за проводник

Part No.	Material	Screw Diameter	Conductor Diameter (a)	Conductor Diameter (b)	Weight
ET.A.TKP5070.1025E	Al	M.10x25	70 mm ²	70 mm ²	0,06
ET.C.TKP5070.1025E	Cu	M.10x25	70 mm ²	70 mm ²	0,13
ET.FD.TKP5070.1025E	SiZn	M.10x25	70 mm ²	70 mm ²	0,12
ET.A.TKP5070.1025SS	Al	M.10x25	70 mm ²	70 mm ²	0,06
ET.C.TKP5070.1025SS	Cu	M.10x25	70 mm ²	70 mm ²	0,13
ET.FD.TKP5070.1025SS	SiZn	M.10x25	70 mm ²	70 mm ²	0,12
ET.FD.TKPZ.5070.1025E	SiZn	M.10x25	70 mm ²	70 mm ²	0,12

CU: Мед

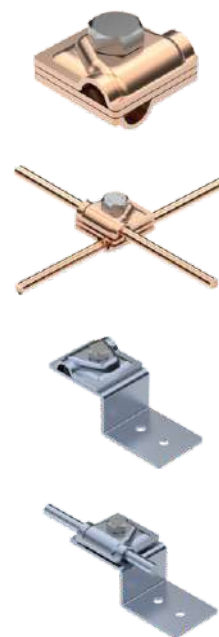
Al: Алуминий Cu: Мед

Zn: цинк

SiZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.



ET.FD.TKPZ.5070.1025E

Rebar to Conductor Connecting Clip

Скоба за свързване на арматура към проводник

Part No.	Material	Screw Diameter	Conductor Diameter (a)	Rebar Diameter (b)	Weight
ET.FD.TKOP.30322.820E	SiZn	M.8x20	30x3 mm	8.0-22.0 mm	0,08
ET.FD.TKOP.30326.820E	SiZn	M.8x20	30x3 mm	20.0-26.0 mm	0,10
ET.FD.TKOP.30332.820E	SiZn	M.8x20	30x3 mm	26.0-32.0 mm	0,12
ET.FD.TKOP.1022.840E	SiZn	M.8x40	10.0 mm	8.0-22.0 mm	0,15
ET.FD.TKOP.1026.840E	SiZn	M.8x40	10.0 mm	20.0-26.0 mm	0,17
ET.FD.TKOP.1032.840E	SiZn	M.8x40	10.0 mm	26.0-32.0 mm	0,19

CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

SiZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.



Hot Dip Galvanised Square Clamp

Горещо цинкувана квадратна скоба



Part No.	Material	Screw Diameter	Conductor Diameter (a)	Rebar Diameter (b)	Weight
ET.FD.TKE.08.620E	StZn	M.6x20	8.0 mm	8.0 mm	0,19
ET.FD.TKE.0810.620E	StZn	M.6x20	8.0 mm	10.0 mm	0,19
ET.FD.TKE.0816.620E	StZn	M.6x20	8.0 mm	16.0 mm	0,20
ET.FD.TKE.0818.620E	StZn	M.6x20	8.0 mm	18.0 mm	0,20
ET.FD.TKE.0820.620E	StZn	M.6x20	8.0 mm	20.0 mm	0,20
ET.FD.TKE.0822.620E	StZn	M.6x20	8.0 mm	22.0 mm	0,20
ET.FD.TKE.0826.620E	StZn	M.6x20	8.0 mm	26.0 mm	0,21
ET.FD.TKE.0832.620E	StZn	M.6x20	8.0 mm	32.0 mm	0,23
ET.FD.TKE.10.620E	StZn	M.6x20	10.0 mm	10.0 mm	0,19
ET.FD.TKE.1016.620E	StZn	M.6x20	10.0 mm	16.0 mm	0,20
ET.FD.TKE.1018.620E	StZn	M.6x20	10.0 mm	18.0 mm	0,20
ET.FD.TKE.1020.620E	StZn	M.6x20	10.0 mm	20.0 mm	0,20
ET.FD.TKE.1022.620E	StZn	M.6x20	10.0 mm	22.0 mm	0,20
ET.FD.TKE.1026.620E	StZn	M.6x20	10.0 mm	26.0 mm	0,21
ET.FD.TKE.12.620E	StZn	M.6x20	12.0 mm	12.0 mm	0,19
ET.FD.TKE.1216.620E	StZn	M.6x20	12.0 mm	16.0 mm	0,20
ET.FD.TKE.1218.620E	StZn	M.6x20	12.0 mm	18.0 mm	0,20
ET.FD.TKE.1220.620E	StZn	M.6x20	12.0 mm	20.0 mm	0,21
ET.FD.TKE.1222.620E	StZn	M.6x20	12.0 mm	22.0 mm	0,21
ET.FD.TKE.1226.620E	StZn	M.6x20	12.0 mm	26.0 mm	0,21
ET.FD.TKE.16.620E	StZn	M.6x20	16.0 mm	16.0 mm	0,21
ET.FD.TKE.1618.620E	StZn	M.6x20	16.0 mm	18.0 mm	0,21
ET.FD.TKE.1620.620E	StZn	M.6x20	16.0 mm	20.0 mm	0,22
ET.FD.TKE.1622.620E	StZn	M.6x20	16.0 mm	22.0 mm	0,22
ET.FD.TKE.1626.620E	StZn	M.6x20	16.0 mm	26.0 mm	0,22
ET.FD.TKE.20.620E	StZn	M.6x20	20.0 mm	20.0 mm	0,22
ET.FD.TKE.2022.620E	StZn	M.6x20	20.0 mm	22.0 mm	0,22
ET.FD.TKE.2026.620E	StZn	M.6x20	20.0 mm	26.0 mm	0,23

CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо цинкувана стомана

"E" (електро цинкувана) Суфиксите обозначават свойствата на болта.

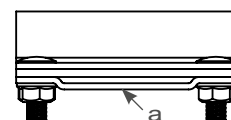
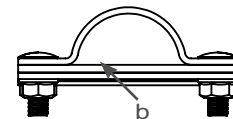
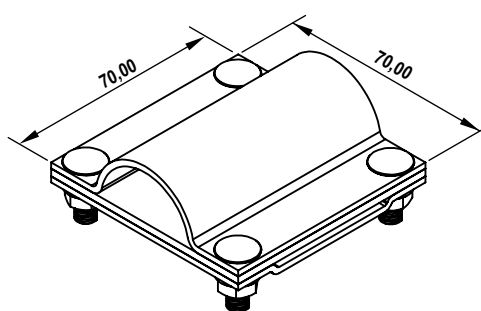
Квадратни болтове за лесен монтаж.

Hot Dip Galvanised Square Clamp

Горещо цинкувана квадратна скоба



Part No.	Material	Screw Diameter	Conductor Diameter (a)	Rebar Diameter (b)	Weight (each)
ET.FD.TKE.40408.620E	StZn	M6x20	40x4 mm	8.0 mm	0,24
ET.FD.TKE.40410.620E	StZn	M6X20	40x4 mm	10.0 mm	0,24
ET.FD.TKE.40412.620E	StZn	M6x20	40x4 mm	12.0 mm	0,24
ET.FD.TKE.40416.620E	StZn	M6X20	40x4 mm	16.0 mm	0,25
ET.FD.TKE.40418.620E	StZn	M6x20	40x4 mm	18.0 mm	0,25
ET.FD.TKE.40420.620E	StZn	M6X20	40x4 mm	20.0 mm	0,26
ET.FD.TKE.40422.620E	StZn	M6x20	40x4 mm	22.0 mm	0,26
ET.FD.TKE.40426.620E	StZn	M6X20	40x4 mm	26.0 mm	0,27
ET.FD.TKE.40432.620E	StZn	M6X20	40x4 mm	32.0 mm	0,29



CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо цинкувана стомана

"E" (електро цинкувана) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.

DC Conductor Clip (DC) Щипка за проводник



Part No.	Material	Screw Diameter	Conductor Diameter (a)	Weight (each)
ET.FD.TKU.303.510E	StZn	M.5x10	30x3 mm	0,08
ET.FD.TKU.404.510E	StZn	M.5x10	40x3 mm	0,08
ET.FD.TKU.8.510E	StZn	M.5x10	8,0 mm	0,08
ET.FD.TKU.10.510E	StZn	M.5x10	10,0 mm	0,08
ET.FD.TKU.12.510E	StZn	M.5x10	12,0 mm	0,08
ET.C.TKU.303.510E	Cu	M.5x10	30x3 mm	0,09
ET.C.TKU.404.510E	Cu	M.5x10	40x4 mm	0,09
ET.C.TKU.8.510E	Cu	M.5x10	8,0 mm	0,09
ET.C.TKU.10.510E	Cu	M.5x10	10,0 mm	0,09
ET.C.TKU.12.510E	Cu	M.5x10	12,0 mm	0,09
ET.C.TKU.14.510E	Cu	M.5x10	14,0 mm	0,09
ET.C.TKU.16.510E	Cu	M.5x10	16,0 mm	0,09
ET.C.TKU.18.510E	Cu	M.5x10	18,0 mm	0,10
ET.C.TKU.20.510E	Cu	M.5x10	20,0 mm	0,10

CU: Мед
 Al: Алуминий Cu: Мед
 Zn: цинк
 StZn: Горещо цинкувана стомана
 "E" (електро цинкувана) Суфиксите обозначават свойствата на болта.
 Квадратни болтове за лесен монтаж.

Equal Potential Bar Лента с равен потенциал



Part No.	Material	Bar Dimension	Length	Link	Weight
ET.FEC.EPSI.30320	Cu	30x3 mm	200 mm	4	0,55
ET.FEC.EPSI.30520	Cu	30x5 mm	200 mm	4	0,68
ET.FEC.EPSI.30525	Cu	30x5 mm	250 mm	5	0,80
ET.FEC.EPSI.30530	Cu	30x5 mm	300 mm	7	0,89
ET.FEC.EPSI.30540	Cu	30x5 mm	400 mm	10	1,10
ET.FEC.EPSI.30550	Cu	30x5 mm	500 mm	13	1,40
ET.FEC.EPSI.40520	Cu	40x5 mm	200 mm	4	0,75
ET.FEC.EPSI.40525	Cu	40x5 mm	250 mm	5	0,90
ET.FEC.EPSI.40530	Cu	40x5 mm	300 mm	7	1,00
ET.FEC.EPSI.40540	Cu	40x5 mm	400 mm	10	1,30
ET.FEC.EPSI.40550	Cu	40x5 mm	500 mm	13	1,60
ET.FEC.EPSI.50530	Cu	50x5 mm	300 mm	7	1,15
ET.FEC.EPSI.50540	Cu	50x5 mm	400 mm	10	1,45
ET.FEC.EPSI.50550	Cu	50x5 mm	500 mm	13	1,85

CU: Мед
 Al: Алуминий Cu: Мед
 Zn: цинк
 StZn: Горещо цинкувана стомана
 "E" (електро цинкувана) Суфиксите обозначават свойствата на болта.
 Квадратни болтове за лесен монтаж.

Fixing Clamp

Фиксираща скоба

Part No.	Material	Hole Diameter	Conductor Diameter	Weight
ET.PTKS.1035.6	CuPbZn	M.6	1x10 mm ² -1x35 mm ²	0,03
ET.PTKS.1035.8	CuPbZn	M.8	1x10 mm ² -1x35 mm ²	0,03
ET.PTKS.3570.6	CuPbZn	M.6	1x35 mm ² -1x70 mm ²	0,05
ET.PTKS.3570.8	CuPbZn	M.8	1x35 mm ² -1x70 mm ²	0,05
ET.PTKS.70150.6	CuPbZn	M.6	1x70 mm ² -1x150 mm ²	0,10
ET.PTKS.70150.8	CuPbZn	M.8	1x70 mm ² -1x150 mm ²	0,10
ET.PTKS.150185.6	CuPbZn	M.6	1x150 mm ² -1x185 mm ²	0,15
ET.PTKS.150185.8	CuPbZn	M.8	1x150 mm ² -1x185 mm ²	0,15
ET.PTKS.240.6	CuPbZn	M.6	1x240 mm ²	0,16
ET.PTKS.240.8	CuPbZn	M.8	1x240 mm ²	0,16



CU: Мед

Al: Алуминий Cu: Мед

Zn: цинк

StZn: Горещо поцинкована стомана

"E" (електро поцинкована) Суфиксите обозначават свойствата на болта.

Квадратни болтове за лесен монтаж.

Fixing Clamp

Фиксираща скоба

Part No.	Material	Screw Diameter	Weight
ET.P.TAVE.6x22	CuPbZn	M.6x22	0,01
ET.P.TAVE.8x22	CuPbZn	M.8x22	0,01



Fixing Washers

Klemens Tespit Pulu

Part No.	Material	Hole Diameter	Conductor Diameter	Weight (each)
ET.CS.TNP23.6	Cu+Sn	M.6	Max. 35 mm ² -70 mm ²	0,01
ET.CS.TNP23.8	Cu+Sn	M.8	Max. 35 mm ² -70 mm ²	0,01
ET.CS.TNP32.6	Cu+Sn	M.6	Max. 70 mm ² -240 mm ²	0,01
ET.CS.TNP32.8	Cu+Sn	M.8	Max. 70 mm ² -240 mm ²	0,01
ET.CS.TNP4230.12	Cu+Sn	M.12	C Profile	0,02



Cu+Sn: Tin Plated Copper (one way)

To be used to mount brass fixing clamps on galvanized and aluminum surfaces



DC Conductor Clip

Щипка за DC проводник

Part No.	Material	Screw Diameter	Rod Diameter	Conductor Diameter	Weight
ЕТРЕКГ.161650.825SS	CuPbZn	M.8x25	16.0 mm	1x16 mm ² -1x50 mm ²	0,07
ЕТРЕКГ.181670.825SS	CuPbZn	M.8x25	18.0 mm	1x16 mm ² -1x70 mm ²	0,07
ЕТРЕКГ.201695.825SS	CuPbZn	M.8x25	20.0 mm	1x16 mm ² -1x95 mm ²	0,08

CU: Мед

"H" Shape Connector

Конектор с форма на "H".



Part No.	Material	Conductor Diameter (a)	Conductor Diameter (b)	Weight
ЕТС.ТКН.10	Cu	10 mm ²	10 mm ²	0,02
ЕТС.ТКН.16	Cu	16 mm ²	16 mm ²	0,03
ЕТС.ТКН.2535	Cu	25 mm ²	35 mm ²	0,04
ЕТС.ТКН.35	Cu	35 mm ²	35 mm ²	0,04
ЕТС.ТКН.3550	Cu	35 mm ²	50 mm ²	0,04
ЕТС.ТКН.50	Cu	50 mm ²	50 mm ²	0,03
ЕТС.ТКН.5070	Cu	50 mm ²	70 mm ²	0,05
ЕТС.ТКН.70	Cu	70 mm ²	70 mm ²	0,04
ЕТС.ТКН.7095	Cu	70 mm ²	95 mm ²	0,09
ЕТС.ТКН.95	Cu	95 mm ²	95 mm ²	0,10
ЕТС.ТКН.95120	Cu	95 mm ²	120 mm ²	0,09
ЕТС.ТКН.120	Cu	120 mm ²	120 mm ²	0,09
ЕТС.ТКН.120150	Cu	120 mm ²	150 mm ²	0,10
ЕТС.ТКН.150	Cu	150 mm ²	150 mm ²	0,10
ЕТС.ТКН.150185	Cu	150 mm ²	185 mm ²	0,12
ЕТС.ТКН.185	Cu	185 mm ²	185 mm ²	0,13
ЕТС.ТКН.185240	Cu	185 mm ²	240 mm ²	0,13
ЕТС.ТКН.240	Cu	240 mm ²	240 mm ²	0,17

CU: Мед



"C" Shape Connector

Конектор с форма на "C".

Part No.	Material	Conductor Diameter (a)	Conductor Diameter (b)	Weight
ЕТС.ТКС.10	Cu	10 mm ²	10 mm ²	0,01
ЕТС.ТКС.16	Cu	16 mm ²	16 mm ²	0,02
ЕТС.ТКС.25	Cu	25 mm ²	25 mm ²	0,02
ЕТС.ТКС.35	Cu	35 mm ²	35 mm ²	0,04
ЕТС.ТКС.50	Cu	50 mm ²	50 mm ²	0,04
ЕТС.ТКС.70	Cu	70 mm ²	70 mm ²	0,06
ЕТС.ТКС.95	Cu	95 mm ²	95 mm ²	0,11
ЕТС.ТКС.120	Cu	120 mm ²	120 mm ²	0,12
ЕТС.ТКС.150	Cu	150 mm ²	150 mm ²	0,13
ЕТС.ТКС.185	Cu	185 mm ²	185 mm ²	0,14
ЕТС.ТКС.240	Cu	240 mm ²	240 mm ²	0,17

CU: Мед

MV Switchgears dry and oil type transformer kiosk - Metal Kiosk - LV Panels

Разпределителни уредби MV сух и маслен трансформаторен павилион - Метален павилион - Табла НН



Concrete Pavillion

Бетонен павилион



Metal Kiosk

Метален павилион



Dry Type Transformer

Сух трансформатор



Oil Immersed Transformer

Трансформатор, потопен в масло



Cell

клетка

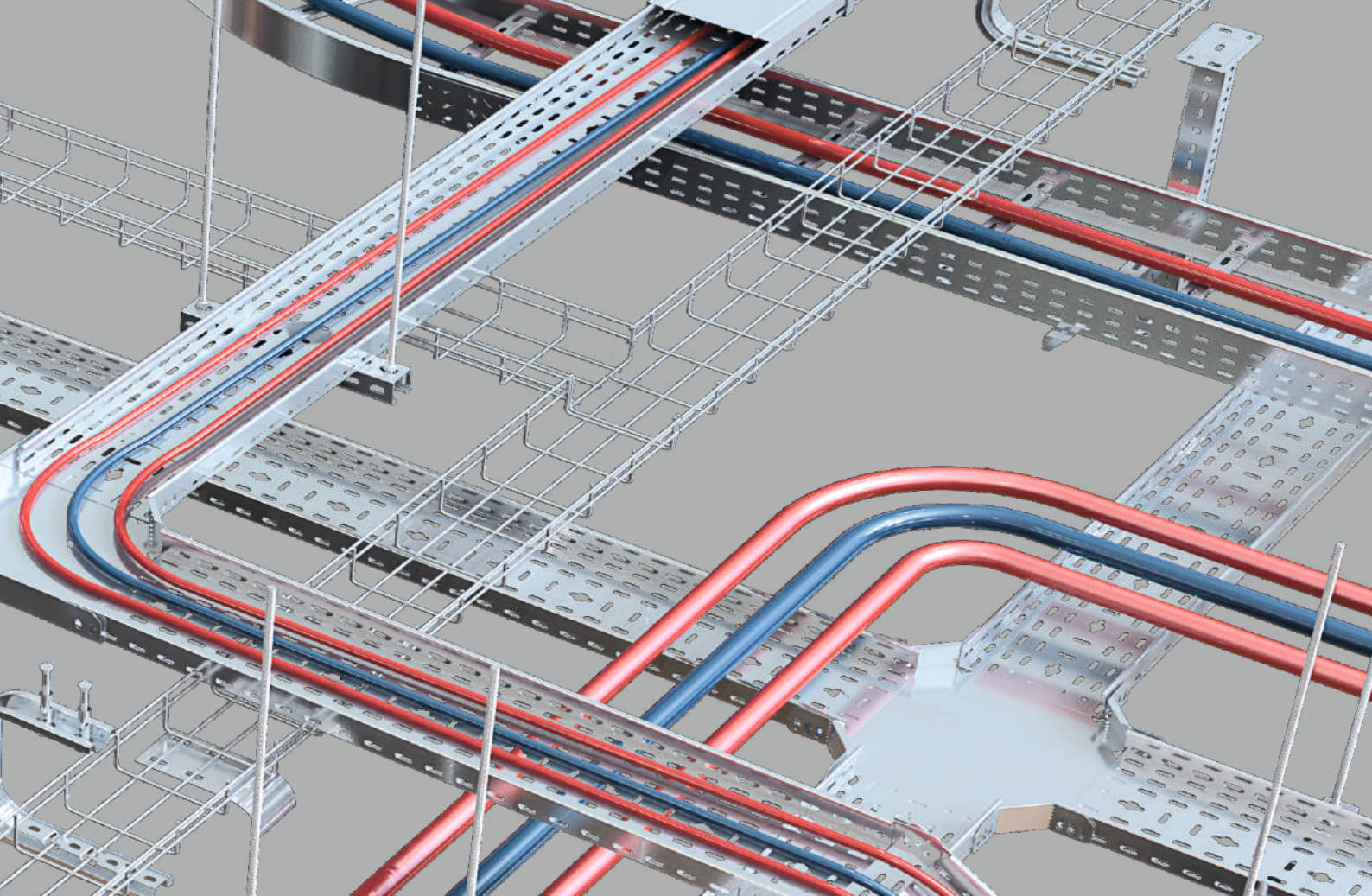


Rectifier

Токоизправител



Insulated Carpet



ЕНЕРДЖИ ГРУП ООД

**ЖК.СТУДЕНСКИ ГРАД УЛ.АКАД
ЙОРДАН ТРИФОНОВ 8
НИВО 2 ОФИС 21 ГР. СОФИЯ**

**+3590885498968
info@abenergygroup.bg
info@abelectric.bg**

