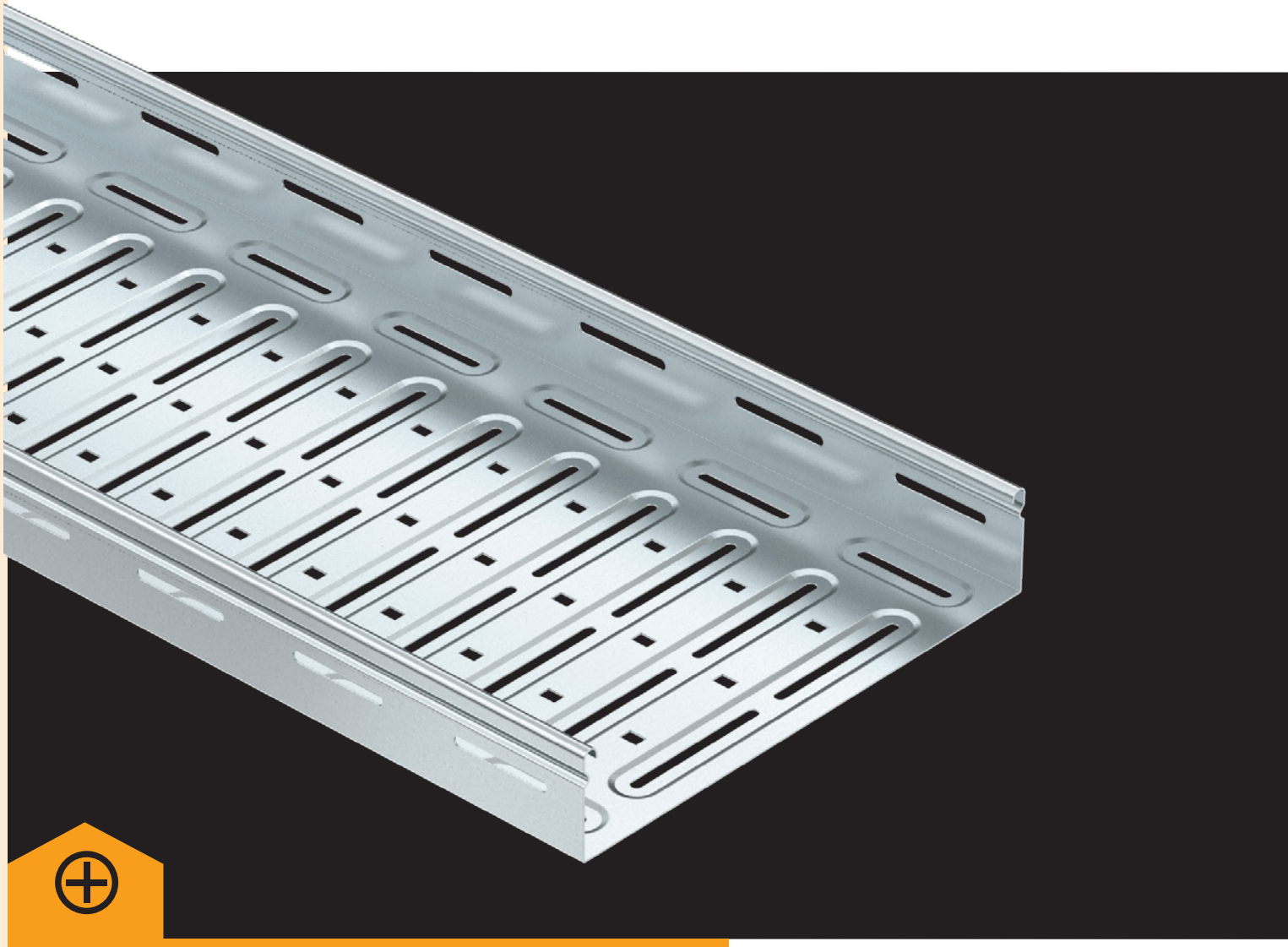
Engineered Cable Trays
GKS

Building Connections

OBO BETTERMANN

GKS Cable Tray System



- Designed and tested according to IS/IEC 61537
- Unique, engineered construction to achieve better performance and rigidity
- Confirms to the limit of deflection with 1.7 times safety factor
- Safe working load chart for support distances upto 2.5 mts
- Uniform finish and highest quality through completely automated manufacturing process

- Perforated and unperforated cable trays in strip and hot dip galvanized versions
- Available in side heights of 60mm and 100mm with widths from 50mm to 500mm
- Snap-fit covers for ease of installation and maintenance
- Wide range of accessories for customized & weld free installations
- Aesthetically designed to suit open ceiling offices & showrooms

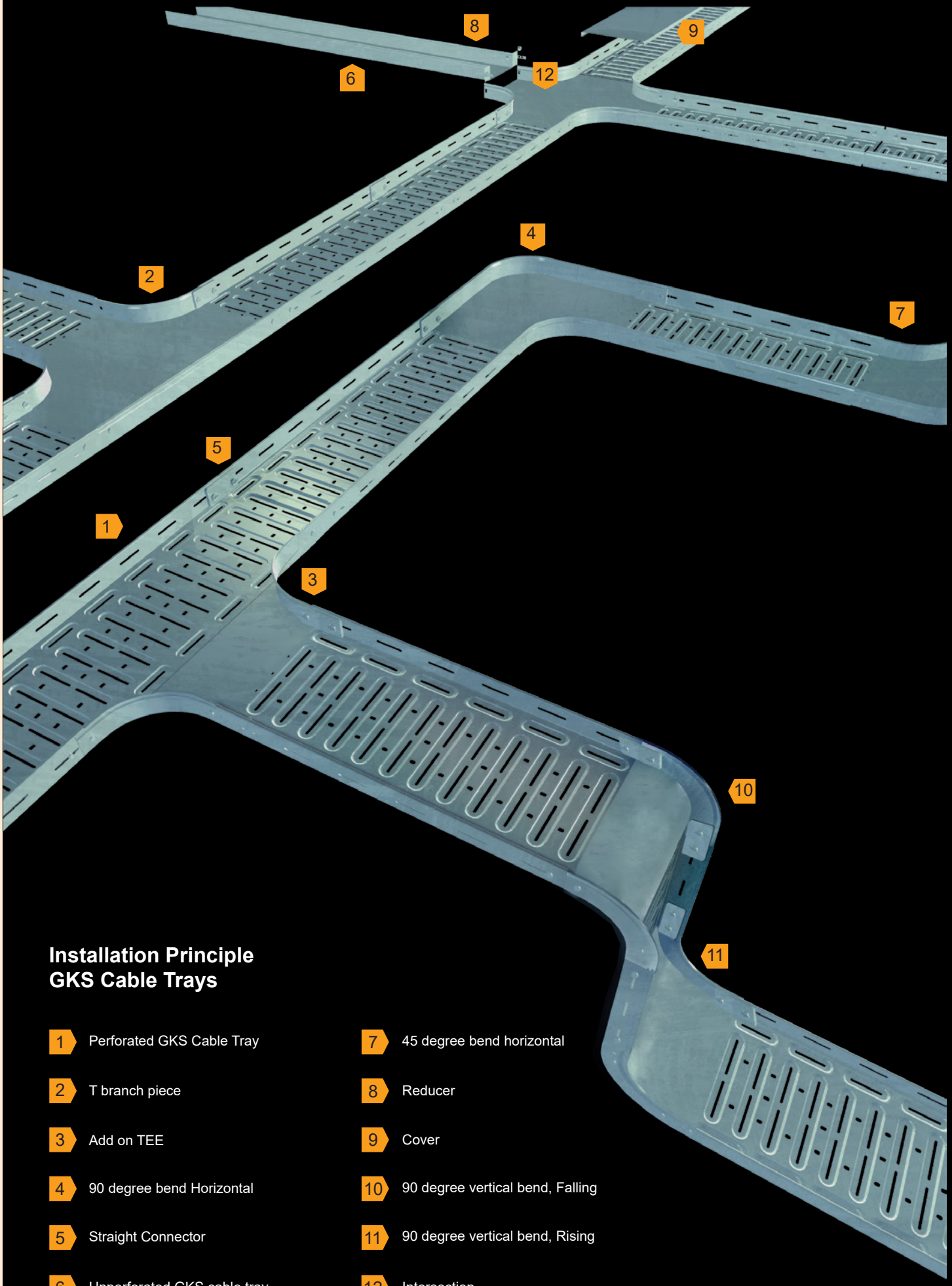
Applications:

FS Strip Galvanized

- Indoor use
- Dry atmosphere in the room
- No aggressive action
- Textile industry

FT Hot-dip Galvanized

- Outdoor areas
- Power plant construction
- Plant and mechanical engineering
- Oil and gas industry
- Hazardous substances
- Mining
- Process industry (Steel, Paper, Cement etc.)
- Automobile industry
- Rubber industry



Installation Principle GKS Cable Trays

1. Perforated GKS Cable Tray
2. T branch piece
3. Add on TEE
4. 90 degree bend Horizontal
5. Straight Connector
6. Unperforated GKS cable tray
7. 45 degree bend horizontal
8. Reducer
9. Cover
10. 90 degree vertical bend, Falling
11. 90 degree vertical bend, Rising
12. Intersection

Simple Snap Fit arrangement

To fix cover without any additional accessories.
Type: GDRL

Straight Connector

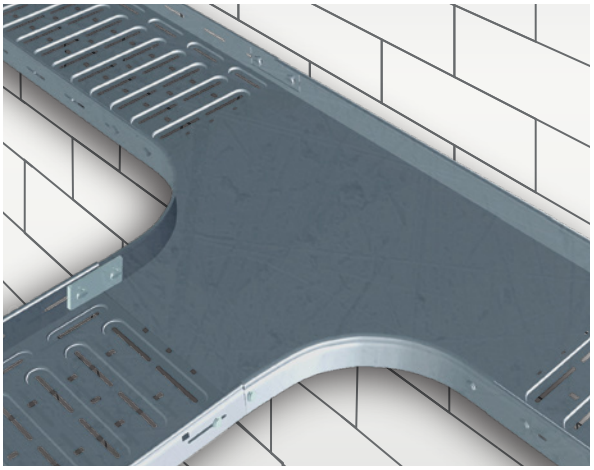
Simply clamp the two side sections of the connector set in the side rail. Type: GKSLVL

90 degree bend

The bend is pushed into the rail on the one side and over the connector on the other. Type: GKSB

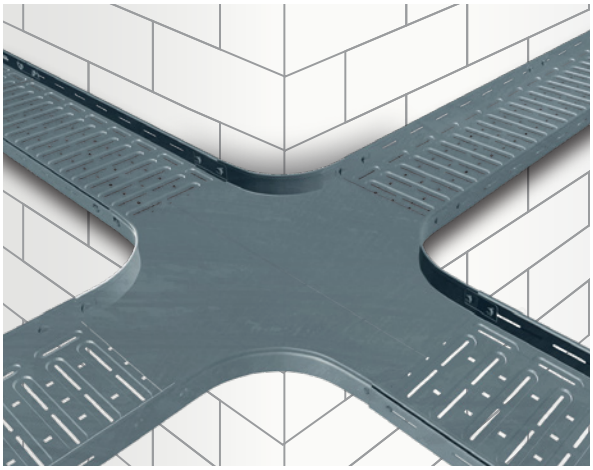
90 degree vertical falling bend

90° bend for the creation of simple vertical changes of direction. Type: GKSBV-falling



Installation of TEE

The TEE is pushed over connectors and screwed tight.
Type: GKST



Installation of Cross-Over

The cross-over is pushed over connectors and screwed tight. Type: GKSK

GKS Cable Tray

Side height - 60mm

Perforated Cable Tray

Article No.	Article Type	W (mm)
6480030	GKS GX 605 FS	50
6480031	GKS GX 610 FS	100
6480032	GKS GX 615 FS	150
6480033	GKS GX 620 FS	200
6480034	GKS GX 630 FS	300
6480035	GKS GX 640 FS	400
6480036	GKS GX 650 FS	500

Article No.	Article Type	W (mm)
6483031	GKS GX 610 FT	100
6483032	GKS GX 615 FT	150
6483033	GKS GX 620 FT	200
6483034	GKS GX 630 FT	300
6483035	GKS GX 640 FT	400
6483036	GKS GX 650 FT	500

UnPerforated Cable Tray

Article No.	Article Type	W (mm)
6480001	GKS FL 610 FS	100
6480002	GKS FL 615 FS	150
6480003	GKS FL 620 FS	200
6480004	GKS FL 630 FS	300
6480005	GKS FL 640 FS	400
6480006	GKS FL 650 FS	500

Straight Connector

Article No.	Article Type
6481340	GKSLVL 60 FS
6484331	GKSLVL 60 FT

Angle Connector

Article No.	Article Type
6481352	GKSGO 60 FS

Separating Retainer

Article No.	Article Type
6480111	GKSTSG 60 FS

Articulated connector

Article No.	Article Type
6481350	GKSGV 60 FS

Joint Plate

Article No.	Article Type
6484330	GKS JP 94 FS

Side height - 100 mm

Perforated Cable Tray

Article No.	Article Type	W (mm)
6480052	GKS GX 115 FS	150
6480053	GKS GX 120 FS	200
6480054	GKS GX 130 FS	300
6480055	GKS GX 140 FS	400
6480056	GKS GX 150 FS	500

Article No.	Article Type	W (mm)
6483052	GKS GX 115 FT	150
6483053	GKS GX 120 FT	200
6483054	GKS GX 130 FT	300
6483055	GKS GX 140 FT	400
6483056	GKS GX 150 FT	500

Unperforated Cable Tray

Article No.	Article Type	W (mm)
6480022	GKS FL 115 FS	150
6480023	GKS FL 120 FS	200
6480024	GKS FL 130 FS	300
6480025	GKS FL 140 FS	400
6480026	GKS FL 150 FS	500

Straight Connector

Article No.	Article Type
6481342	GKSLVL 100 FS
6484335	GKSLVL 100 FT

Separating Retainer

Article No.	Article Type
6480113	GKSTSG 100 FS

Joint Plate

Article No.	Article Type
6484330	GKS JP 94 FS

FS Strip Galvanized FT Hot-dip Galvanized W - Width

* Standard cable tray length - 3m

Accessories for GKS Series

Side height - 60mm

45 degree bend

Article No.	Article Type	W (mm)
6480161	GKSB 45 610 FS	100
6480162	GKSB 45 615 FS	150
6480163	GKSB 45 620 FS	200
6480164	GKSB 45 630 FS	300
6480165	GKSB 45 640 FS	400
6480166	GKSB 45 650 FS	500
6483161	GKSB 45 610 FT	100
6483162	GKSB 45 615 FT	150
6483163	GKSB 45 620 FT	200
6483164	GKSB 45 630 FT	300
6483165	GKSB 45 640 FT	400
6483166	GKSB 45 650 FT	500

90 degree bend

Article No.	Article Type	W (mm)
6480121	GKSB 90 610 FS	100
6480122	GKSB 90 615 FS	150
6480123	GKSB 90 620 FS	200
6480124	GKSB 90 630 FS	300
6480125	GKSB 90 640 FS	400
6480126	GKSB 90 650 FS	500
6483121	GKSB 90 610 FT	100
6483122	GKSB 90 615 FT	150
6483123	GKSB 90 620 FT	200
6483124	GKSB 90 630 FT	300
6483125	GKSB 90 640 FT	400
6483126	GKSB 90 650 FT	500

Mounting Branch piece

Article No.	Article Type	W (mm)
6480431	GKSAA 610 FS	100
6480432	GKSAA 615 FS	150
6480433	GKSAA 620 FS	200
6480434	GKSAA 630 FS	300
6480435	GKSAA 640 FS	400
6480436	GKSAA 650 FS	500

*Mounting Branch piece with Lid

T branch piece, Horizontal

Article No.	Article Type	W (mm)
6480461	GKST 610 FS	100
6480462	GKST 615 FS	150
6480463	GKST 620 FS	200
6480464	GKST 630 FS	300
6480465	GKST 640 FS	400
6480466	GKST 650 FS	500
6483461	GKST 610 FT	100
6483462	GKST 615 FT	150
6483463	GKST 620 FT	200
6483464	GKST 630 FT	300
6483465	GKST 640 FT	400
6483466	GKST 650 FT	500

Intersection, Horizontal

Article No.	Article Type	W (mm)
6480501	GKSK 610 FS	100
6480502	GKSK 615 FS	150
6480503	GKSK 620 FS	200
6480504	GKSK 630 FS	300
6480505	GKSK 640 FS	400
6480506	GKSK 650 FS	500
6483501	GKSK 610 FT	100
6483502	GKSK 615 FT	150
6483503	GKSK 620 FT	200
6483504	GKSK 630 FT	300
6483505	GKSK 640 FT	400
6483506	GKSK 650 FT	500

90 degree vertical bend, rising

Article No.	Article Type	W (mm)
6480201	GKSBV 90610S FS	100
6480202	GKSBV 90615S FS	150
6480203	GKSBV 90620S FS	200
6480204	GKSBV 90630S FS	300
6480205	GKSBV 90640S FS	400
6480206	GKSBV 90650S FS	500
6483201	GKSBV 90610S FT	100
6483202	GKSBV 90615S FT	150
6483203	GKSBV 90620S FT	200
6483204	GKSBV 90630S FT	300
6483205	GKSBV 90640S FT	400
6483206	GKSBV 90650S FT	500

90 degree vertical bend, falling

Article No.	Article Type	W (mm)
6480281	GKSBV 90610F FS	100
6480282	GKSBV 90615F FS	150
6480283	GKSBV 90620F FS	200
6480284	GKSBV 90630F FS	300
6480285	GKSBV 90640F FS	400
6480286	GKSBV 90650F FS	500
6483281	GKSBV 90610F FT	100
6483282	GKSBV 90615F FT	150
6483283	GKSBV 90620F FT	200
6483284	GKSBV 90630F FT	300
6483285	GKSBV 90640F FT	400
6483286	GKSBV 90650F FT	500

Reduction, central, two-part

Article No.	Article Type	W (mm)
6480841	GKSRA 6 25 FS	25
6480842	GKSRA 6 50 FS	50
6480843	GKSRA 6 75 FS	75
6480844	GKSRA 6 100 FS	100
6480845	GKSRA 6 125 FS	125
6480846	GKSRA 6 150 FS	150
6480847	GKSRA 6 175 FS	175
6480848	GKSRA 6 200 FS	200

Reduction, single sided, two-part

Article No.	Article Type	W (mm)
6480871	GKSRL 6 50 FS	50
6480872	GKSRL 6 100 FS	100
6480873	GKSRL 6 150 FS	150
6480874	GKSRL 6 200 FS	200
6480875	GKSRL 6 250 FS	250
6480876	GKSRL 6 300 FS	300
6480877	GKSRL 6 350 FS	350
6480878	GKSRL 6 400 FS	400

End Closure

Article No.	Article Type	W (mm)
6481271	GKS TC 610 FS	100
6481273	GKS TC 615 FS	150
6481275	GKS TC 620 FS	200
6481277	GKS TC 630 FS	300
6481279	GKS TC 640 FS	400
6481281	GKS TC 650 FS	500

FS Strip Galvanized FT Hot-dip Galvanized W - Width

Accessories for GKS Series

Side height - 100mm

45 degree bend

Article No.	Article Type	W (mm)
6480182	GKSB 45 115 FS	150
6480183	GKSB 45 120 FS	200
6480184	GKSB 45 130 FS	300
6480185	GKSB 45 140 FS	400
6480186	GKSB 45 150 FS	500
6483182	GKSB 45 115 FT	150
6483183	GKSB 45 120 FT	200
6483184	GKSB 45 130 FT	300
6483185	GKSB 45 140 FT	400
6483186	GKSB 45 150 FT	500

90 degree bend

Article No.	Article Type	W (mm)
6480142	GKSB 90 115 FS	150
6480143	GKSB 90 120 FS	200
6480144	GKSB 90 130 FS	300
6480145	GKSB 90 140 FS	400
6480146	GKSB 90 150 FS	500
6483142	GKSB 90 115 FT	150
6483143	GKSB 90 120 FT	200
6483144	GKSB 90 130 FT	300
6483145	GKSB 90 140 FT	400
6483146	GKSB 90 150 FT	500

Mounting Branch piece

Article No.	Article Type	W (mm)
6480451	GKSAA 115 FS	150
6480452	GKSAA 120 FS	200
6480453	GKSAA 130 FS	300
6480454	GKSAA 140 FS	400
6480455	GKSAA 150 FS	500

*Mounting Branch piece with Lid

T branch piece, Horizontal

Article No.	Article Type	W (mm)
6480482	GKST 115 FS	150
6480483	GKST 120 FS	200
6480484	GKST 130 FS	300
6480485	GKST 140 FS	400
6480486	GKST 150 FS	500
6483482	GKST 115 FT	150
6483483	GKST 120 FT	200
6483484	GKST 130 FT	300
6483485	GKST 140 FT	400
6483486	GKST 150 FT	500

Intersection, Horizontal

Article No.	Article Type	W (mm)
6480522	GKSK 115 FS	150
6480523	GKSK 120 FS	200
6480524	GKSK 130 FS	300
6480525	GKSK 140 FS	400
6480526	GKSK 150 FS	500
6483522	GKSK 115 FT	150
6483523	GKSK 120 FT	200
6483524	GKSK 130 FT	300
6483525	GKSK 140 FT	400
6483526	GKSK 150FT	500

90 degree vertical bend, rising

Article No.	Article Type	W (mm)
6480222	GKSBV 90115S FS	150
6480223	GKSBV 90120S FS	200
6480224	GKSBV 90130S FS	300
6480225	GKSBV 90140S FS	400
6480226	GKSBV 90150S FS	500
6483222	GKSBV 90115S FT	150
6483223	GKSBV 90120S FT	200
6483224	GKSBV 90130S FT	300
6483225	GKSBV 90140S FT	400
6483226	GKSBV 90150S FT	500

90 degree vertical bend, falling

Article No.	Article Type	W (mm)
6480302	GKSBV 90115F FS	150
6480303	GKSBV 90120F FS	200
6480304	GKSBV 90130F FS	300
6480305	GKSBV 90140F FS	400
6480306	GKSBV 90150F FS	500
6483302	GKSBV 90115F FT	150
6483303	GKSBV 90120F FT	200
6483304	GKSBV 90130F FT	300
6483305	GKSBV 90140F FT	400
6483306	GKSBV 90150F FT	500

Reduction, central, two-part

Article No.	Article Type	W (mm)
6480861	GKSRA 1 25 FS	25
6480862	GKSRA 1 50 FS	50
6480863	GKSRA 1 75 FS	75
6480864	GKSRA 1 100 FS	100
6480865	GKSRA 1 125 FS	125
6480866	GKSRA 1 150 FS	150
6480867	GKSRA 1 175 FS	175
6480868	GKSRA 1 200 FS	200

Reduction, single sided, two-part

Article No.	Article Type	W (mm)
6480897	GKSRL 100 50 FS	50
6480899	GKSRL 100 100 FS	100
6480895	GKSRL 100 150 FS	150
6480901	GKSRL 100 200 FS	200
6480903	GKSRL 100 250 FS	250
6480905	GKSRL 100 300 FS	300
6480907	GKSRL 100 350 FS	350
6480909	GKSRL 100 400 FS	400

End Closure

Article No.	Article Type	W (mm)
6481295	GKS TC 115 FS	150
6481297	GKS TC 120 FS	200
6481299	GKS TC 130 FS	300
6481301	GKS TC 140 FS	400
6481303	GKS TC 150 FS	500

FS Strip Galvanized FT Hot-dip Galvanized W - Width

Accessories - Cover for GKS series

Lid

Article No.	Article Type	W (mm)
6480100	GDRL 50 FS	50
6480101	GDRL 100 FS	100
6480102	GDRL 150 FS	150
6480103	GDRL 200 FS	200
6480104	GDRL 300 FS	300
6480105	GDRL 400 FS	400
6480106	GDRL 500 FS	500

45 degree bend

Article No.	Article Type	W (mm)
6480191	GKSDB 45 100 FS	100
6480192	GKSDB 45 150 FS	150
6480193	GKSDB 45 200 FS	200
6480194	GKSDB 45 300 FS	300
6480195	GKSDB 45 400 FS	400
6480196	GKSDB 45 500 FS	500

90 degree bend

Article No.	Article Type	W (mm)
6480151	GKSDB 90 100 FS	100
6480152	GKSDB 90 150 FS	150
6480153	GKSDB 90 200 FS	200
6480154	GKSDB 90 300 FS	300
6480155	GKSDB 90 400 FS	400
6480156	GKSDB 90 500 FS	500

T branch piece

Article No.	Article Type	W (mm)
6480491	GKSDT 100 FS	100
6480492	GKSDT 150 FS	150
6480493	GKSDT 200 FS	200
6480494	GKSDT 300 FS	300
6480495	GKSDT 400 FS	400
6480496	GKSDT 500 FS	500

Intersection

Article No.	Article Type	W (mm)
6480531	GKSDK 100 FS	100
6480532	GKSDK 150 FS	150
6480533	GKSDK 200 FS	200
6480534	GKSDK 300 FS	300
6480535	GKSDK 400 FS	400
6480536	GKSDK 500 FS	500

90 degree vertical bend, rising

Article No.	Article Type	W (mm)
6480231	GKSDBV 90100S FS	100
6480232	GKSDBV 90150S FS	150
6480233	GKSDBV 90200S FS	200
6480234	GKSDBV 90300S FS	300
6480235	GKSDBV 90400S FS	400
6480236	GKSDBV 90500S FS	500

90 degree vertical bend, falling

Article No.	Article Type	W (mm)
6480311	GKSDBV 90100F FS	100
6480312	GKSDBV 90150F FS	150
6480313	GKSDBV 90200F FS	200
6480314	GKSDBV 90300F FS	300
6480315	GKSDBV 90400F FS	400
6480316	GKSDBV 90500F FS	500

*For cable trays of side height 60mm

90 degree vertical bend, falling

Article No.	Article Type	W (mm)
6480332	GKSDBV 90150F FS	150
6480333	GKSDBV 90200F FS	200
6480334	GKSDBV 90300F FS	300
6480335	GKSDBV 90400F FS	400
6480336	GKSDBV 90500F FS	500

FS Strip Galvanized FT Hot-dip Galvanized W - Width

Engineered Excellence

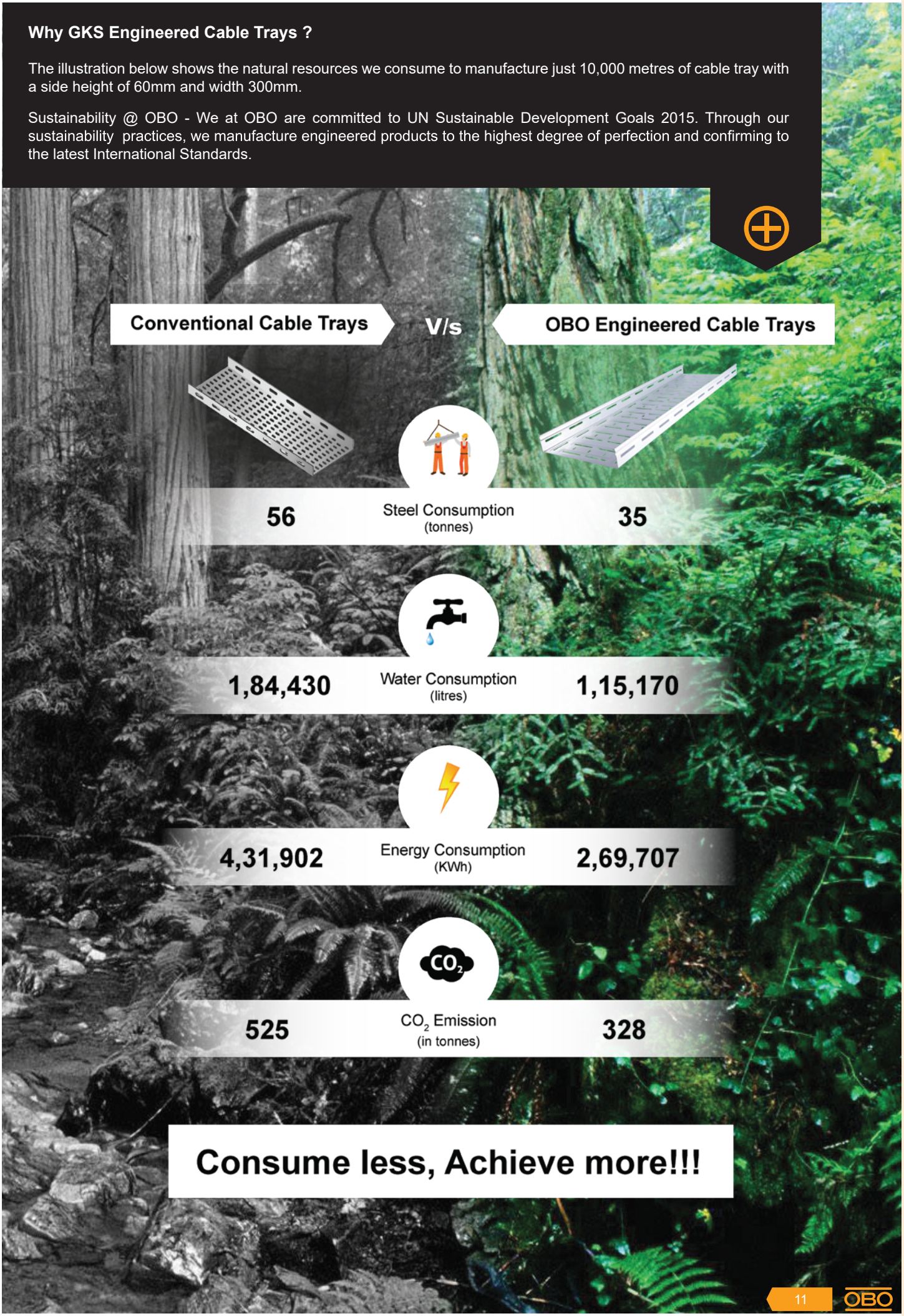
Modern industrial environments expose cables to harsh conditions like dust, vibration, and chemical stress. OBO GKS Engineered Cable Tray System is designed to meet these challenges - offering reliable cable routing with excellent corrosion protection and heat dissipation.

Engineered to international standards, GKS trays combine high load-bearing strength with precise manufacturing for a uniform finish. The open design ensures easy installation, inspection, and maintenance, while a wide range of accessories allows for fully customized, weld-free configurations. Available in multiple widths, heights, and finishes, they adapt seamlessly to diverse project needs, delivering performance and longevity in even the most demanding installations.

Why GKS Engineered Cable Trays ?

The illustration below shows the natural resources we consume to manufacture just 10,000 metres of cable tray with a side height of 60mm and width 300mm.

Sustainability @ OBO - We at OBO are committed to UN Sustainable Development Goals 2015. Through our sustainability practices, we manufacture engineered products to the highest degree of perfection and confirming to the latest International Standards.



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Building Connections

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