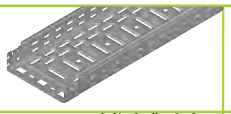
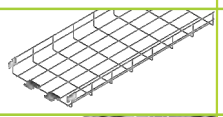
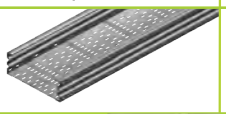
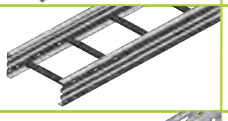
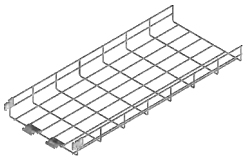
New Products and Solutions BAKS

	**Trays click connection system KF...**
	**Wire Mesh Cable Tray with welded in Snap-in connector KDSZ** **Ceiling Wire Hanger WSKD** **Wire Clamp for Wire Mesh Cable Trays USKD**
	**New special perforated bottom in Long Span Cable Tray system** **Vertical Connector LPS120 and LPS200**
	Cable trays - power supply to machines
	Fast assembly system of cable ladders DKF... **New ladder mounting setallowing a horizontal** **Assembly with rungs facing wall ZMD1 and ZMD2**
	**Mounting plate for ladder's rung BPSD** **Vertical Connector LPS120 and LPS200**
	Fast assembly system of support channels **New dimensions of cable support of CM...** **Quick Lock Nut - Rhomboid NSR..., NSM...** **Supports for Rooftop Installations** **Glass Ampule AS... and Injection Mortar Zi300** **Gas Nail Gun OGB with Cartridge Nails for Concrete and Steel** **Quick Lock Clip ZSM... and ZTK...** **Setting Tool NDS**
	Lighting Trunking System
	Support System of Photovoltaic Cell Modules
	Trays click connection system KF... **Cable Trays KGL/KGOL... and KGJ/KGOJ... (thickness 0.7 and 1.0 mm)** **Cable Trays KBL and KBJ... (thickness 0.7 and 1.0 mm)** **Fittings without perforation** **Add-on Tee TKDJ... and TKDP...** **Angle Reducer RKJ...** **Covers of Cable Trays and Fittings** **Cover Clamps ZPDH60. ZPNH60. ZAP2 and ZPNH80** **Cable Ladders DUD...H60** **Articulated Connector - Attachable LDDCH60N** **Drop-Out Plate ZDK...** **Covers of Cable Ladders and Fittings** **Wire Mesh Cable Tray KGS...** **Fittings of Wire Mesh Cable Trays** **Pipe Clamps OBR... and OBS...** **Support Channel CWP40H22...** **Thin-walled Pipe RU...** **Junction Box PMO1, PMO2, PMO3 and PMO3B** **Anchor Bolt PSRZ...** **Self-drilling Screw SMD4,8x16** **Cable Clip UDFB... and UEFB...** **Anchor Bolt KKG5... and MKR...** **Quick Lock Anchoring Screws SKTO... and SKTZO...**

Examples of New Products and Solutions

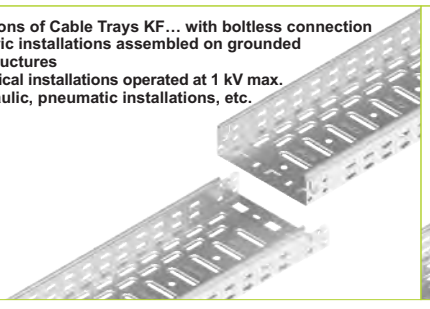
				
Cable tray KF...	**Wire mesh cable tray KDSZ...**	**Cable tray KMPP...**	**Cable Tray KLL75H60**	**Junction Box**

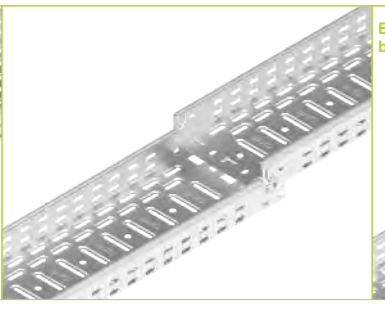
New Solutions within the System of Cable Trays

Cable Tray KF... With following thickness: 0.7 and 1.0 mm

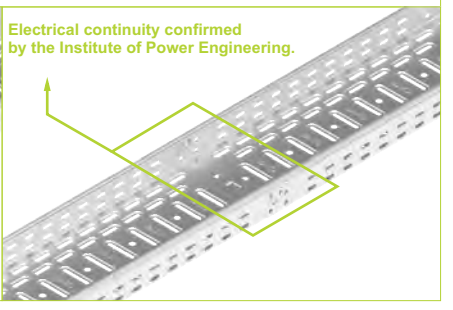
Click connection of the Cable Trays KF…

Applications of Cable Trays KF… with boltless connection
- In electric installations assembled on grounded steel structures
- In electrical installations operated at 1 kV max.
- In hydraulic, pneumatic installations, etc.





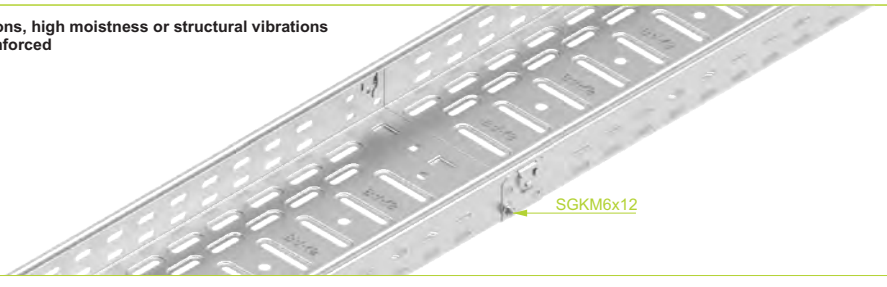
Electrical continuity confirmed by the Institute of Power Engineering.



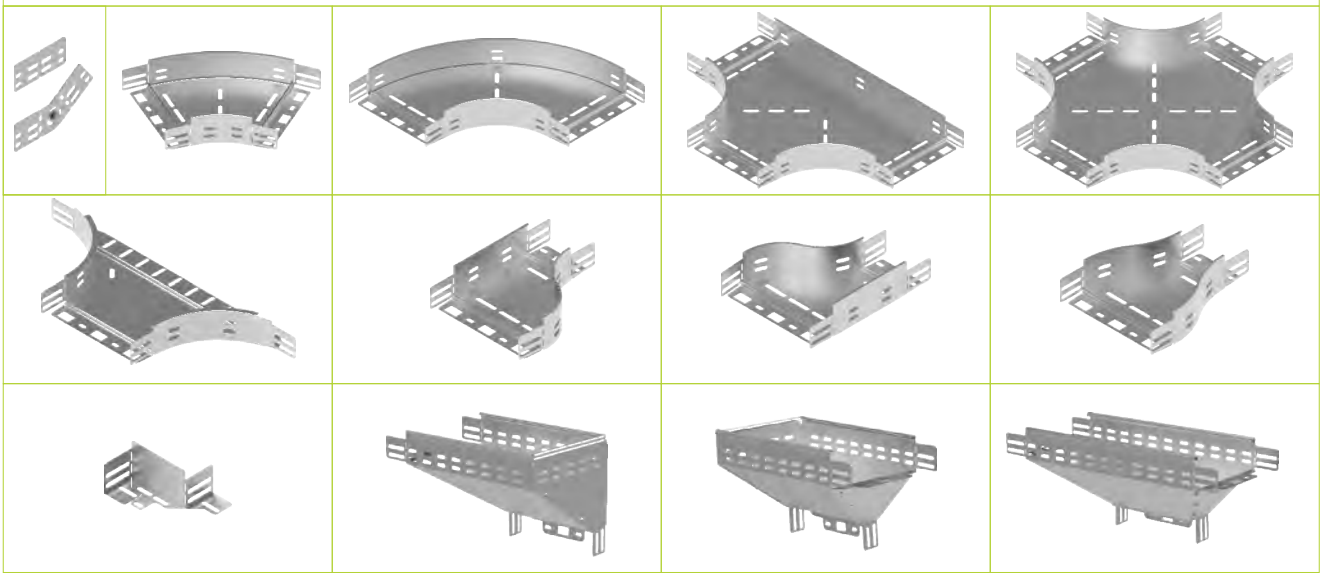
Advantages of new system:
- Fast and easy assembly
- Firm click connection
- Deep stamping around the slots in the bottom increase the strength
- Dense perforation with stamping around the slots for excellent heat transfer – designed to enable cable tray installation on supports from BAKS anywhere within the system
  Slotted holes Ø11 in the cable tray bottom allow for suspension on a threaded rod

Connection of the Cable Trays KF… with the use of additional screws

For harsh environmental conditions, high moistness or structural vibrations the click connection must be reinforced with at least 1 screw set.

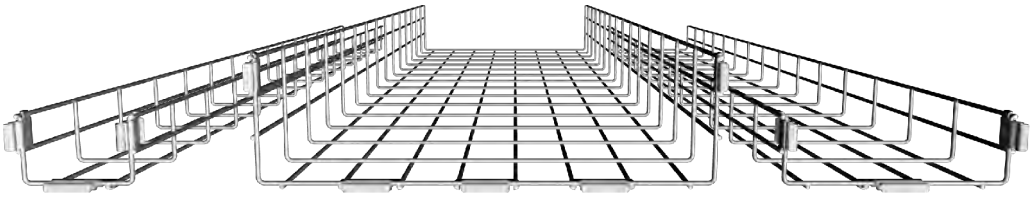


Connectors and Fittings for Cable Trays KF...



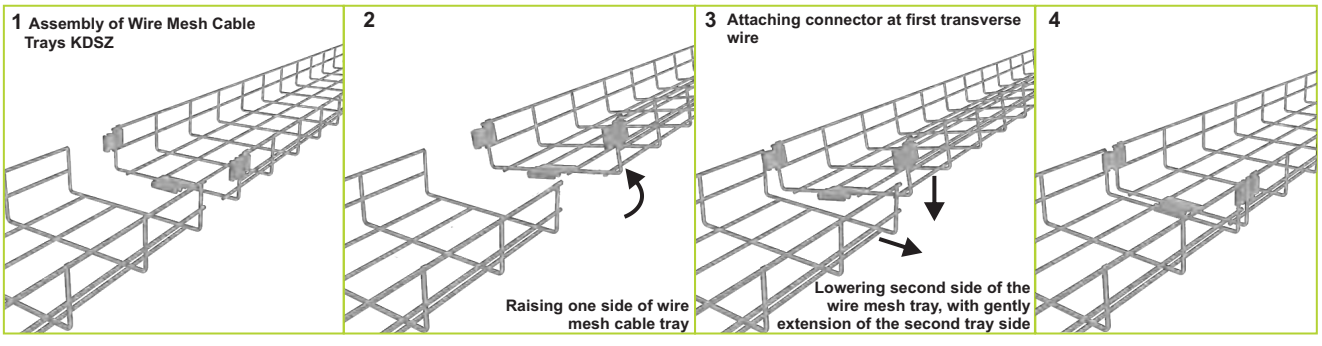
New Solutions within the System of Wire Mesh Cable Trays

Wire Mesh Cable Tray with welded in Snap-in connector KDSZ, Heights: H60. H110 mm, Widths: 50-600 mm



Innovative connection of wire mesh cable trays! Due to high durability parameters of materials used for snap-in connectors we reach firm and sollid connection of wire mesh cable trays, equal to connection by usual bolted connectors.

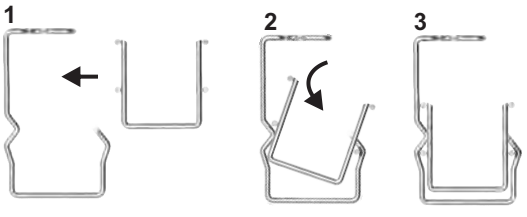
Features&Benefits:
- Fast assembly process
- Connectors welded in Wire Mesh Tray
- Increased strenght parameters



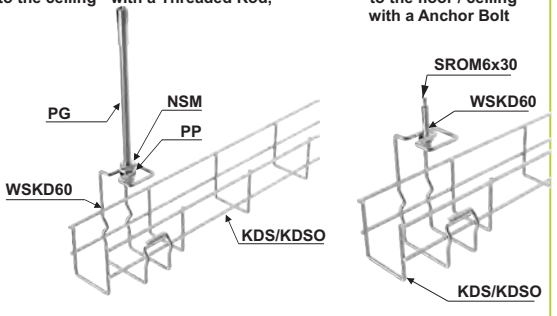
Ceiling Wire Hanger

WSKD...

Assembly steps of the KDS/KDSO wire mesh cable tray to the WSKD60 ceiling wire hanger



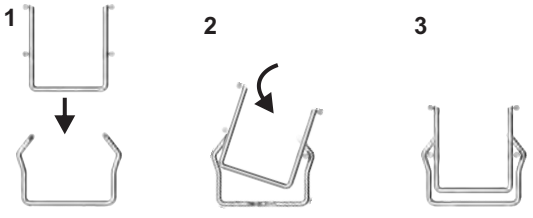
Examples of the WSKD ceiling wire hanger installations:
- to the ceiling - with a Threaded Rod,
- to the floor / ceiling with a Anchor Bolt



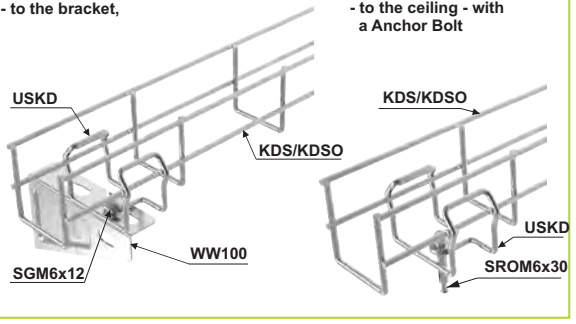
Wire Clamp for Wire Mesh Cable Trays

USKD

Assembly steps of the KDS/KDSO wire mesh cable tray to the USKD wire clamp



Examples of the USKD wire clamp installations:
- to the bracket,
- to the ceiling - with a Anchor Bolt

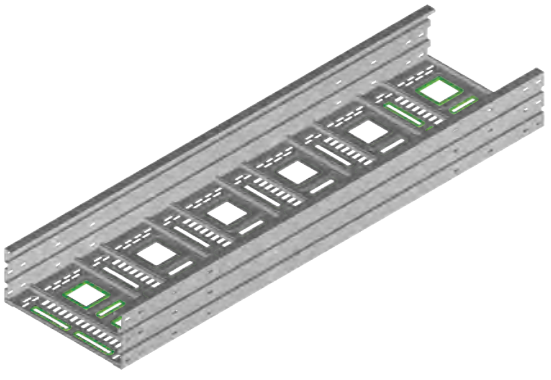


For more information go to Section II of the BAKS Products Catalogue

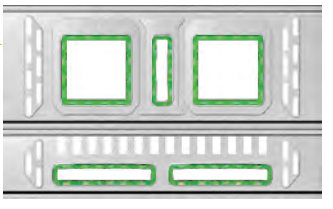
New Solutions within the System of Long Span Cable Trays and Ladder Trays

Upgraded system of long span cable trays and NO caps

Features&Benefits of new system:
- **large slots 24x65 mm or 100x100 mm, allows for exit of cables in any place of the cable tray**
- **dense perforation secures perfect cooling and is designed in that way to assembly BAKS brackets in any place**
- **croswise stamping in the bottom secures higher strenght parameters and allows cable clamps UKZ... assembly**



Example of 400mm wide one sectionof bottom perforation



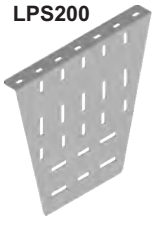
Coming soon!

Example of a descent of a cable route using the LPS120 vertical connector

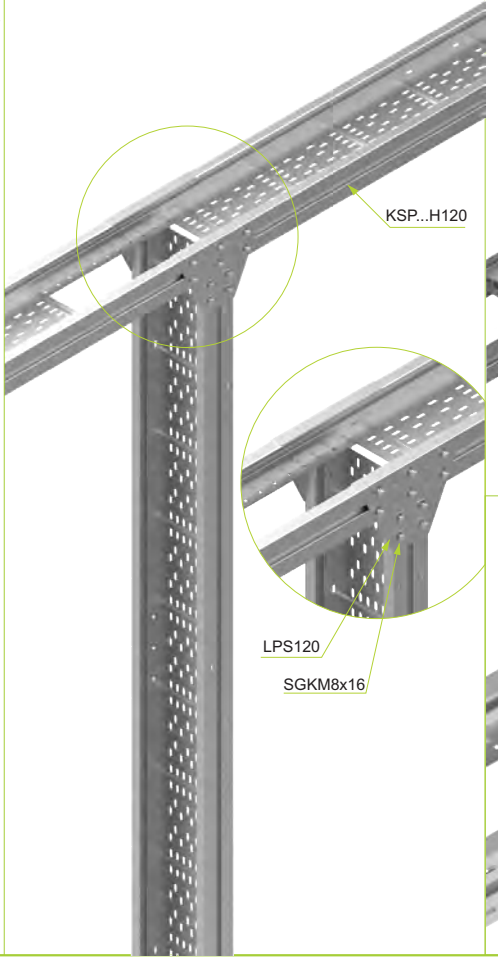
Vertical Connector

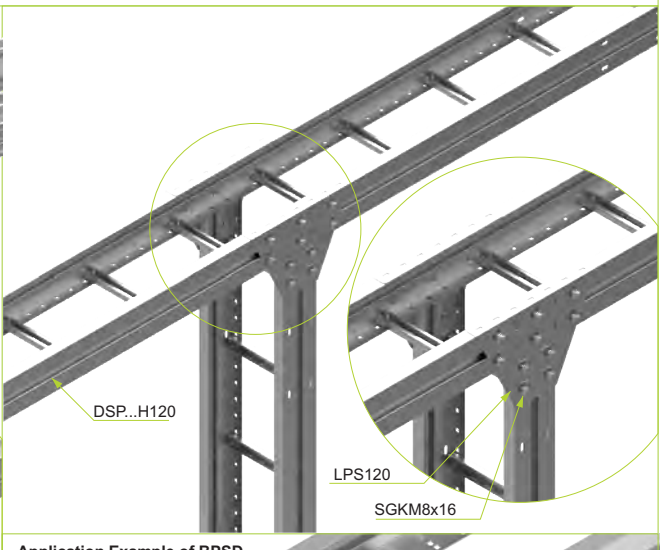
LPS120

LPS200

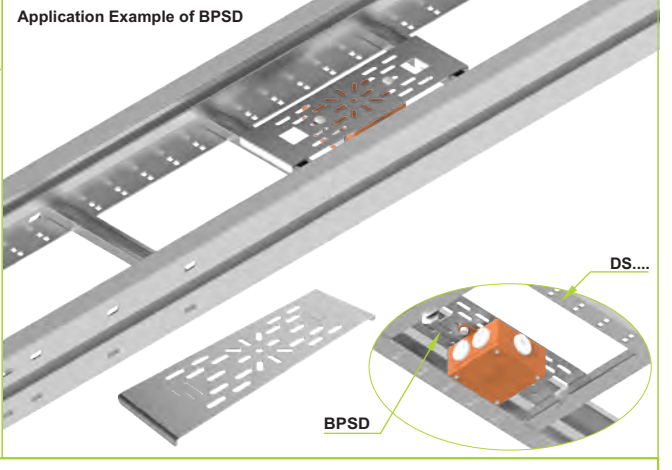


LPS120 is designed for to the Cable Trays and Ladders side Heights: 100-120mm. LPS200 is designed for to the Cable Trays and Ladders side Heights: 150-200





Application Example of BPSD

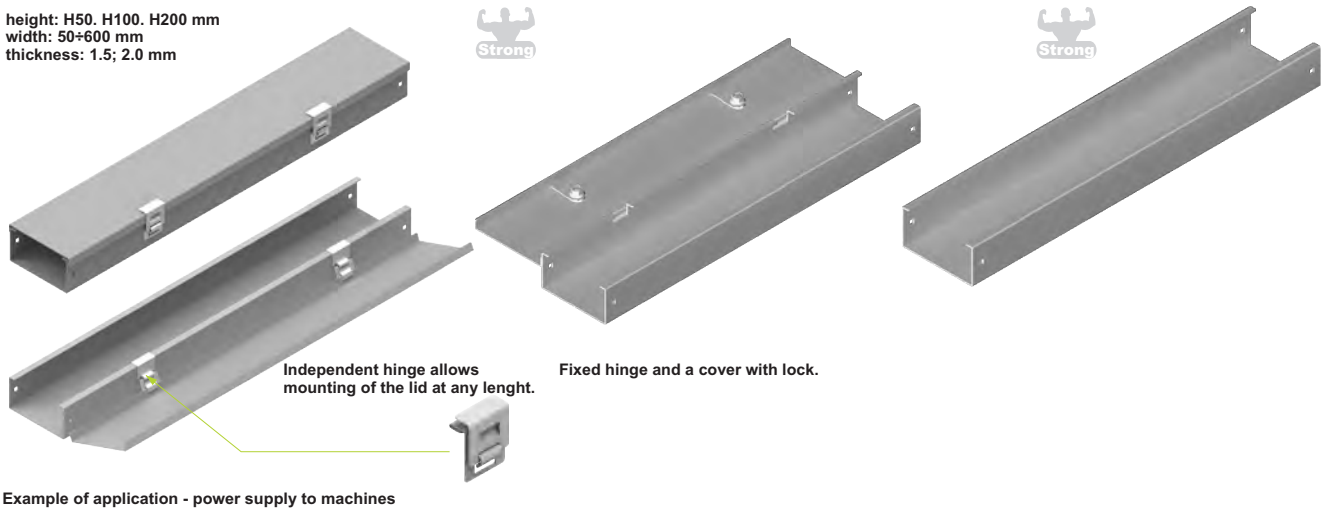


For more information go to Section III and VII of the BAKS Products Catalogue

Cable trays - power supply to machines

System of cable trays designed for cable and wire supply to industrial machines. Designed for assembly to the floor. Cable tray KMPP..., KMPC... and all fittings are together with covers in a set

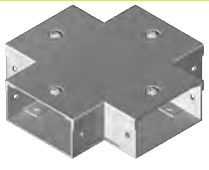
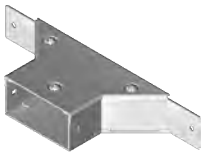
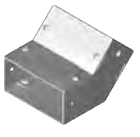
height: H50. H100. H200 mm
width: 50÷600 mm
thickness: 1.5; 2.0 mm



Independent hinge allows mounting of the lid at any lenght.

Fixed hinge and a cover with lock.

Example of application - power supply to machines

90° Horizontal Bend KKMC	45° Horizontal Bend KKMM...	Horizontal Tee TKM...	 Horizontal Cross-over CZKM...
 Add-on Tee TKDM...	Angle Reducer RKKMP...	Straight Reducer RSKM...	Horizontal Bypass OPZKM...
Vertical Bypass OPNKM...	90° Vertical Bend LPKM...	 45° Vertical Bend LPKMM...	Vertical Elbow - Right KRPKM...
Vertical Tee - Lengthwise TRKM...	Bottom Elbow - Right KRPDM...	Bottom Elbow - Left KRLDM...	Bottom Tee - Lengthwise TRKM...

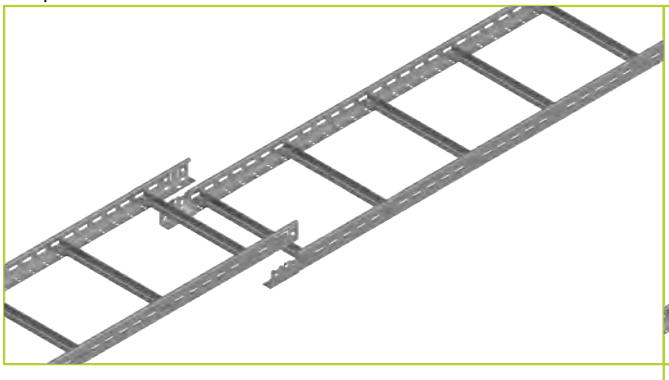
For more information go to Section V of the BAKS Products Catalogue

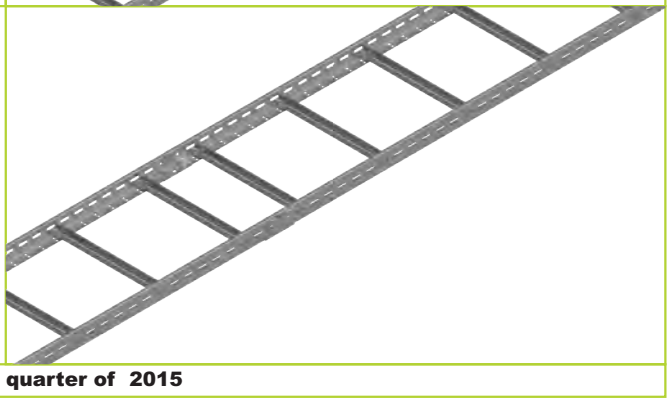
New Solutions within the System of Cable Ladders

Cable ladder DKF...

New type of cable ladders with click connection system

Example of connection of cable ladders





Features&Benefits:
- Fast and easy assembly
- stable click connection
- without use of any additional couplers
- possibility to secure by additional screws

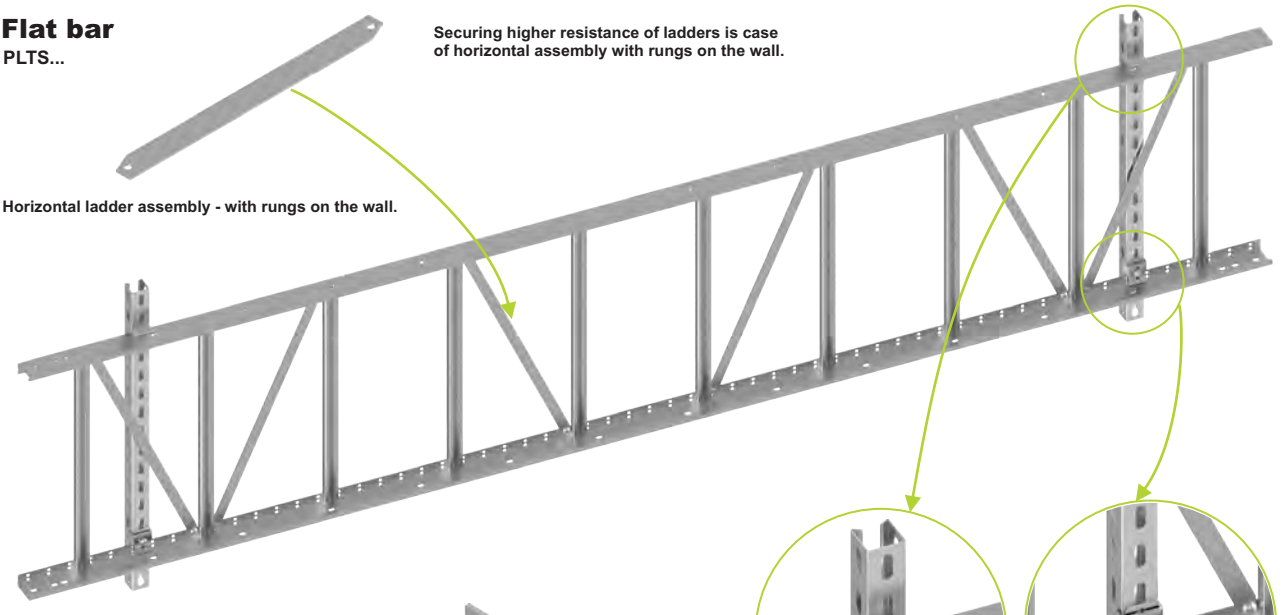
Production will be started in 4 th quarter of 2015

New ladder mounting set allowing a horizontal assembly with rungs facing wall

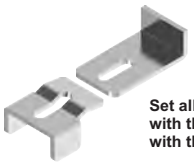
Flat bar
PLTS...

Securing higher resistance of ladders is case of horizontal assembly with rungs on the wall.

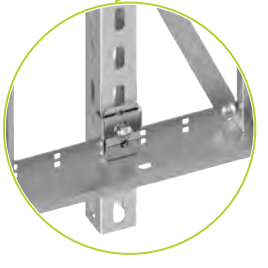
Horizontal ladder assembly - with rungs on the wall.



Ladder Mounting Set
ZMD...



Set allows assembly of the ladder with the bottom facing the wall", with the use of channels.

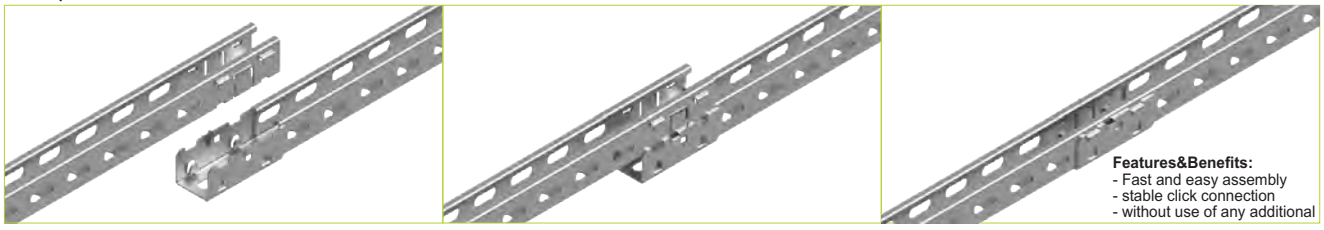


For more information go to Section VI of the BAKS Products Catalogue

New products in support system

New type of channels with click connection system

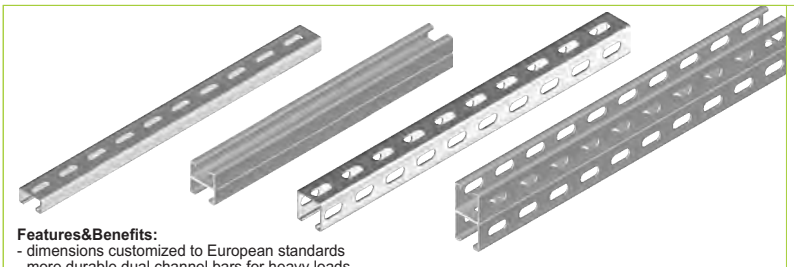
Example of connection of channels



Features&Benefits:
- Fast and easy assembly
- stable click connection
- without use of any additional

Production will be started in 4 th quarter of 2015

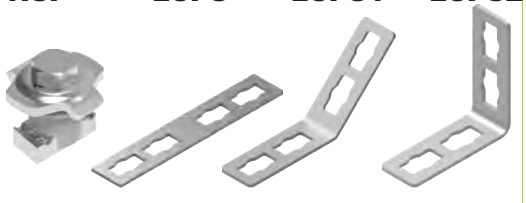
New Sizes of Support Channel CM...41H21, CMP...41H42, CM...41H41, CMP...41H82



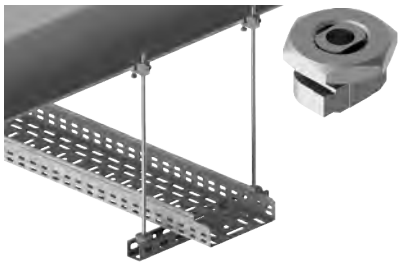
Features&Benefits:
- dimensions customized to European standards
- more durable dual channel bars for heavy loads

Fast Assembly Channel Nut NSP and Channel connectors

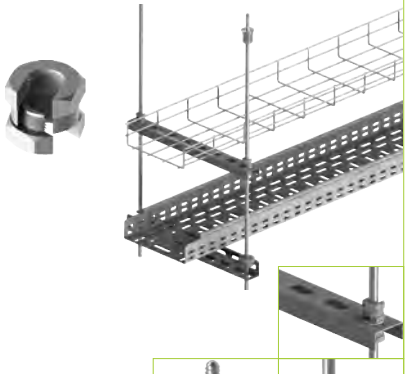
NSP **LCPS** **LCPS1** **LCPS2**



Quick Lock Nut - Rhomboid NSR...



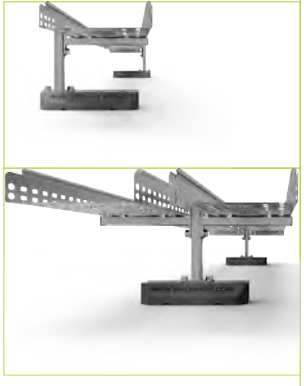
Quick Lock Nut NSM...



Quick Lock Anchoring Screw SKT...

Features&Benefits:
- easy and fast assembly to the ceiling
- assembly of a lightly damaged rod, or after cutting

Support for Rooftop Installations ST...

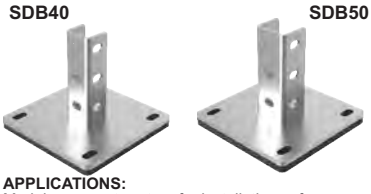


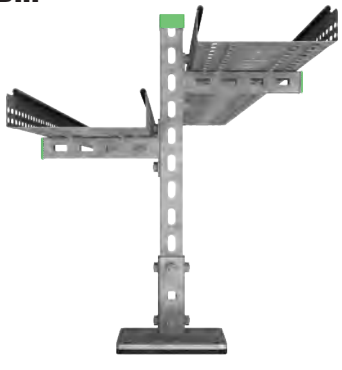
APPLICATIONS:
Support system for installations of Cable Trays, Pipeworks, etc on flat roofs. Can be also used for roof walkways.

Advantages:
- Support system assembly on a roofs covered by tar paper without any damage to the surface
- non-slippery insolation layer securing evenly distributed loading
- Part are UV- and chemical- proof

Support for Rooftop Installations SDB...

SDB40 **SDB50**





APPLICATIONS:
Modular support system for installations of Cable Trays, Climate Units, Pipework, Ductwork, Walkways, Solar Panels, Wind Turbines, Pumps on flat roofs. Designed for Support Channels 40x40mm or 41x41mm

Advantages:
- Support system assembly on a roofs covered by tar paper without any damage to the surface
- Part are UV- and chemical- proof

For more information go to Section IX of the BAKS Products Catalogue

New products in mounting and supporting accessories

Anchor Bolt
MKR

APPLICATIONS
InSteelling, assembling, handing cable route to Autoclaved aerated concrete, Silicate brics,concrete and Porotherm style clay block bricks

Anchor Bolt
KKG5

APPLICATIONS
Construction mounting, Installation of the cable route to the drywall

Concrete Screw
WDB7,5x52

APPLICATIONS
Fixing to concrete Cable Clips UDF..., UEF... and Cable Hangers OZ...

Self-drilling Screw
SMD4,8x16 i SMD5,5x32

APPLICATION
Mounting UDF... and UEF... cable clamps to steel surfaces (sandwich panels, trapezoidal steel sheets)

Stop Drill
WSRO6x30

APPLICATION
Drilling holes with precise depth for SROM6x30

Setting Tool
NDS

2-piece set, consisting of a 25mm long drill and the tool itself. Used for drilling a hole with the driller at a strictly defined depth for TRSK… sleeve. After disassembling the drill, the sleeve is then set using the tool.

NEWS - Chemical Anchor Bolts

Thread Rod
PGS...

Glass Ampule
(comes as a set with PGS...)
AS...

ADVANTAGES
High resistance and low resin shrinkage allow for applying highest loads to solid concrete. This method of anchoring is free of expansion stress

Injection Mortar
ZI300

E-90

ADVANTAGES: High hybrid resistance of heavy-load mortar for all types of construction materials. A universal assembly system for any site!Designed for anchoring of reinforcement bars. First injection system with approval for concrete, anchoring of reinforcement bars, solid andhollow blocks, and aerated concrete.

Direct Fastening Systems

Cartridge Nails for Concrete and Steel
GWT and GWTS

Gas Nail Gun, Cordless
OGB

Nail Gun Gas
GDO

E-90

For more information go to Section X, of the BAKS Products Catalogue

Quick Beam Clamp
ZSM...

Features&Benefits:
- fast and easy assembly of supporting elements based on a threaded rod to constructions based on I-Beams

Beam Clamp
ZTK...

Features&Benefits:
- fast and easy assembly of supporting elements based on a threaded rod to steel constructions
- fits a variety of structural beams

For more information go to Section XI and XII, of the BAKS Products Catalogue

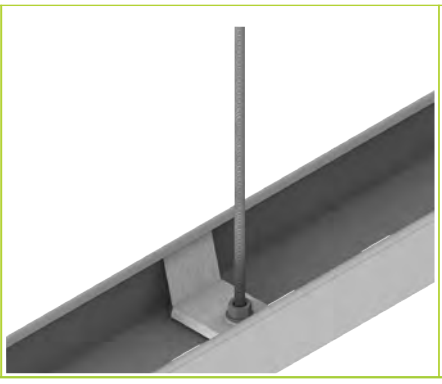
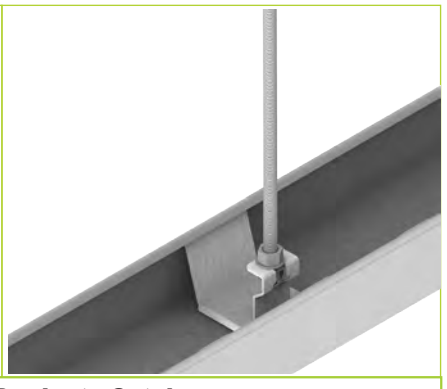
New Solutions within the System of Lighting Trunking System

Lighting Trunking System
Height: H60 mm
Widths: 75,120 mm
Thickness: 0.7 - 1.0 mm

EXAMPLES OF LIGHTING TRUNKING SYSTEM COMPONENTS

Horizontal Cross-over CZKLJ...	**Horizontal Tee TKLJ...**	**90° Horizontal Bend KKLJ...**
Hanger WSKL...	**Hanger WLS...**	**Hanger WSL...**

Application Example of Hangers

For more information go to Section XVII, of the BAKS Products Catalogue

Support System of Photovoltaic Cell Modules

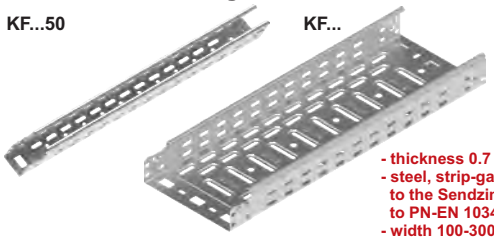
Company BAKS introducing Support System of Photovoltaic Cell Modules
In our offer you can find several types of support system, you can use to:
- Ground,
- concrete,
- flat roofs,
- pitched roof structures
On our support system you can assembly Cell Modules in vertical as well as in horizontal position.

For more information go to Section XVIII, of the BAKS Products Catalogue

New Solutions within the System E30, E90

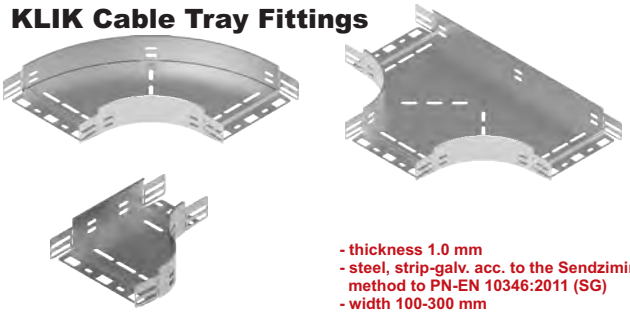
KLIK Cable Tray

KF...50 KF...



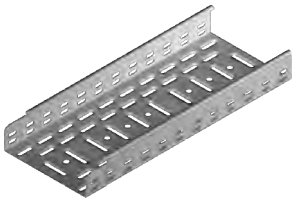
- thickness 0.7 i 1.0 mm
- steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2011 (SG)
- width 100-300 mm
- max. spacing of supports: 1.5 m
- max. safe load 20 kg/m

KLIK Cable Tray Fittings



- thickness 1.0 mm
- steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2011 (SG)
- width 100-300 mm

Cable tray KGL/KGOL... and KGJ/KGOJ...

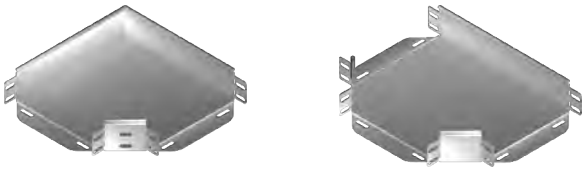


- thickness 0.7 and 1.0 mm
- steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2011 (SG)
- widths 100-400 mm
- max. spacing of supports: 1.5 m
- max. safe load 20 kg/m

Cable tray KBJ...

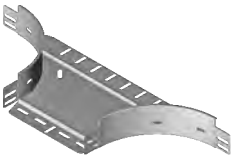
- thickness 1.0 mm
- steel, strip-galv. acc. to the Sendzimir method to PN-EN 10346:2011 (SG)
- steel, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
- stainless steel (SS), grade 1.4301 (AISI304)
- widths 100-400 mm
- max. spacing of supports: 1.5 m
- max. safe load 20 kg/m

Fittings for Cable trays with no perforation



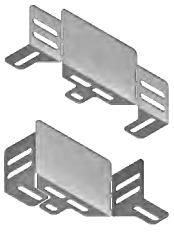
- thickness 1.0 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088
- width 100-400 mm

Add-on Tee TKDJ... and TKDP...



- thickness 1.0 i 1.5 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088

Angle Reducer RKJ...

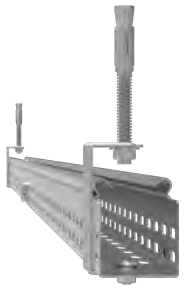


Cover to Cable Trays and Fittings

- thickness 0.7 - 1.5 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088
- width 100-600 mm

Side Holder

WC50



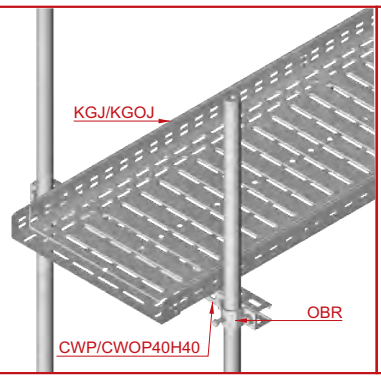
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- suspending Cable Trays 50 mm width

For more information go to Section XIX, of the BAKS Products Catalogue

New Solutions within the System E30, E90

Pipe clamp OBR

- steel, hot-dip galv.
- stainless steel,
- powder coating in a full range of colours



Thin-walled Pipe RU...

Pipe Clamps OBS...

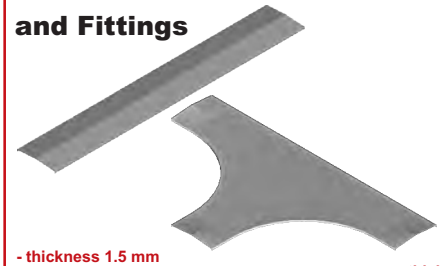
Drop-Out Plate ZDK...

- thickness 2.0 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088

Articulated Connector - Attachable LDDCH60N

- thickness 2.0 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088

Cover to Cable Ladders and Fittings



- thickness 1.5 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088
- width 100-600 mm

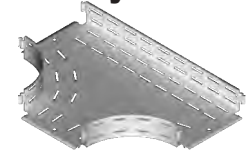
Cover Clamp ZAP2

- thickness 1.5 mm
- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- stal cynkowana metodą zanurzeniową PN-EN ISO 1461
- PN-EN 10088

Wire Mesh Cable Tray KGS...

- electro-galvanised wire (EG)
- wire, hot-dip galv. to PN-EN ISO 1461:2011 (HDG)
- stainless wire (SS)
- widths 60 and 100 mm

Fittings of Wire Mesh Cable Trays



- steel, strip-galv. acc. to the Sendzimir method PN-EN 10346
- steel, hot-dip galvanised PN-EN ISO 1461
- stainless steel PN-EN 10088
- width 60-600 mm

Integrated connector (set) USKS

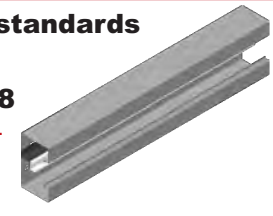
- electro-galvanised steel

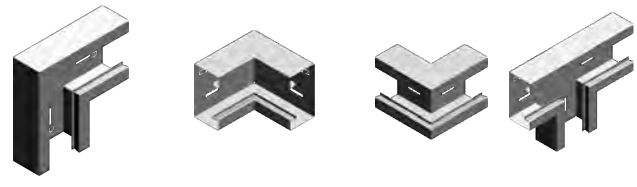
Clamp (set) ZSW

- electro-galvanised steel
- steel, hot-dip galvanised PN-EN ISO 1461:2011
- stainless steel
- powder coating in a full range of colours

Construction exceeding standards for laying cables in Wall Trunking system KS...H68

- Electro-galvanised steel (EGS) to PN-EN 10152. Paint-finished – white to RAL 9010 or grey to RAL 7035.





For more information go to Section XIX, of the BAKS Products Catalogue

New Solutions within the System E30, E90

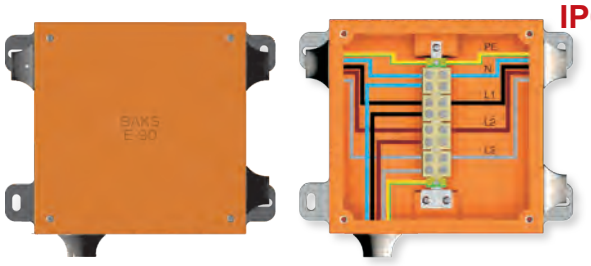
Junction Box PMO1 and PMO2

IP65

- Steel, powder coated to RAL 2003
- stainless steel 1.4301 powder coated to RAL 2003

Junction Box PMO3

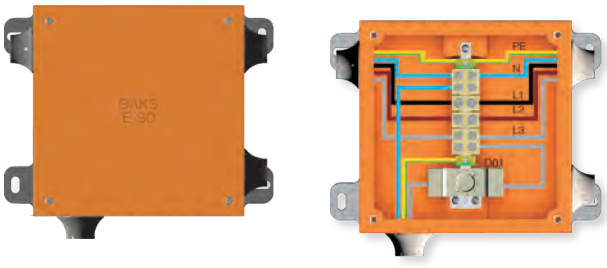
IP65



- steel, hot-dip galvanised to PN-EN ISO 1461:2011, powder coated to RAL 2003
- stainless steel 1.4301 powder coated to RAL 2003

Junction Box with fuse PMO3B

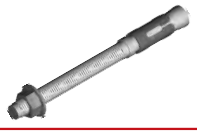
IP65



- Steel, powder coated to RAL 2003
- stainless steel 1.4301 powder coated to RAL 2003

Anchor Bolt

PSRZ



- from overhead concrete base (uncracked, two-way slab, cracked).
- electro-galvanised steel
- stainless steel

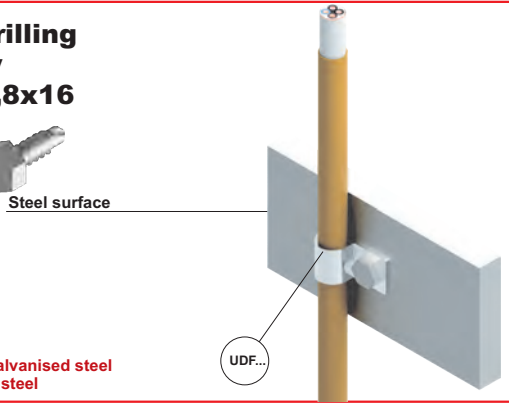
Quick Lock Anchoring Screws SKTO and SKTZO

Anchoring in concrete (uncracked, two-way slab, cracked). Allows for mounting a M8 or M10 Threaded Rod (SKTO…).

Cable Clip UDFB..., UDFB...E, UEFB i UEFB...E

- electro-galvanised steel
- stainless steel

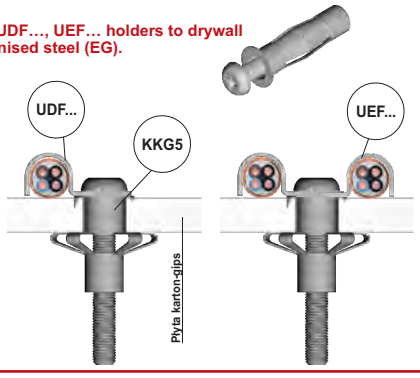
Self-drilling Screw SMD4,8x16



- electro-galvanised steel
- stainless steel

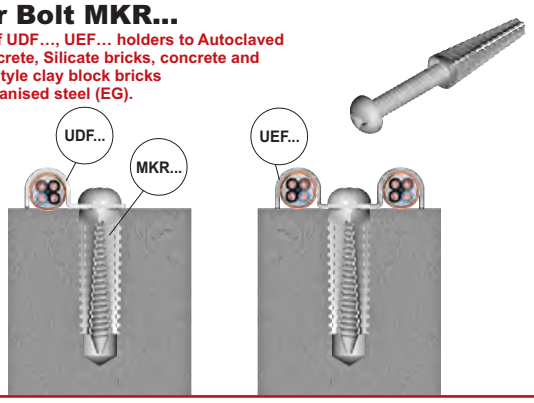
Anchor Bolt KKG5...

- Assembly of UDF..., UEF... holders to drywall
- Electro-galvanised steel (EG).



Anchor Bolt MKR...

- Assembly of UDF..., UEF... holders to Autoclaved aerated concrete, Silicate bricks, concrete and Porotherm style clay block bricks
- Electro-galvanised steel (EG).



For more information go to Section XIX, of the BAKS Products Catalogue

New