



BAKS was established in 1986. It is Poland's leading manufacturer of support systems for the energy and telecommunication industries, as well as for pneumatic and water cables, etc. The use of state of the art technology, an experienced team of professionals and investments in modern machinery and equipment (punching machines, profiling lines, welding robots, lasers, bending machines, powder coating plant, hot-dip galvanising plant), have enabled the company to achieve the highest standards, and the quality of its products has been confirmed by the certificates it has obtained:

- **The product certificate in accordance with PN-EN 61537:2007** issued by TÜV Rheinland Polska Sp. z o.o. applies to the product safety and strength of the cable route systems (the strengths stated in the catalogue include a safety factor of 70%, which means that they are 70% stronger than the strength values stated in the catalogue). It also confirms the electrical continuity of the cable route system. This standard is harmonised with the EU Low Voltage Directive up to 1 kV.
- **VDE certificates** confirming electrical continuity of BAKS cable route systems.
- **Certificates E-30, E-90** the so-called fire resistance system (tested in accordance with DIN4102-12), confirming the continuity of power supply to fire safety devices, for 30, 90 minutes respectively. Tests have now been carried out with cable manufacturers: **Bitner, Dätwyler, Elkond, Erse, Eupen, Studer Cables, NKT, Prakab, Technokabel, TELE-FONIKA Kable and VLG.**
- National Technical Assessment **CNBOP-PIB-KOT-2018/0056-3703 Issue 2**
- Certificate of Approval No. 3583/2019
- National Certificate of Constancy of Performance No. 063-UWB-0111
- National Declaration of Performance No. 01/2021
- Certificates DMT Dortmund opinion P-1022, P-1035
- FIRES Batizovce classifications
- Expert opinion EO2400/738/18-4, 2402/017/23, 2402/018/23, 2402/019/23, 2400/792/18
- **TÜV ISO 9001:2015** certificate confirming that 'BAKS' produces and designs based on a quality system in accordance with ISO 9001:2015.
- Certificate confirming the introduction of an environmental management system - **ISO 14001:2015.**
- **Hygienic certificate of the Polish National Institute of Hygiene** - allowing the use of cable trays and ladders together with the fastening system on the outside and inside of residential, public and industrial buildings, including food processing.
- **DNV certificate** confirming testing of marine cable tray and ladder systems approved for use on ships and offshore platforms.

BAKS CABLE ROUTES IN SELECTED PROJECTS THROUGHOUT POLAND: 1st and 2nd line of Underground in Warsaw; National Stadium in Warsaw; Baltic Arena Gdańsk; City Stadium Wrocław ; City Stadium Poznań; Legia Warsaw Stadium; Silesian Stadium in Chorzów; Wisła Cracow Stadium; Water Treatment Plant Czajka in Warsaw; Water treatment Plant Sitkówka-Nowiny; WOS Wrocław; 910 MW Powerplant Block in Jaworzno; Coking Plant "Przyjaźń" Dąbrowa Górnicza; Powerplant Koźnice 11 1075 MW Block; Glassworks Euroglas Ujazd; Saint Gobain Glass Dąbrowa Górnicza; KWK BUDRYK Ormontowice; Energy Block Bogalynia; Top Gear Jasionka; Guardian Glass Częstochowa; Johnson Matthey Gliwice; Powerplant Belchatów IOS Rogowice; Powerplant Polaniec IOS; ANWIL OSBL Włocławek; PKN Orlen Visbreaking Plock; Tunnel S52 Cracow; Petroleum and Gas Mining Lubiatow; Powerplant Dolna Odra; Visbreaking Installation in PKN Orlen Plock; Nestle PURINA Manufacturing Nowa Wieś Wroclawska; Production Plant Umicore Nysa; Powerplant Opole; MAN Trucks Factory Niepolomice; Pyrometallurgy KGHM Głogów; Amazon Poland (Świebodzin, Wrocław, Sosnowiec, Gorzyczki, Gliwice, Kolbaskowo, Łódź); Nato Base Powidz; Nitrogen Works Nitric Plant Pulawy; Combined Heat and Powerplant Siewerki; Combined Heat and Powerplant Zerań; Combined Heat and Powerplant Koźnice; Data Center Equinix Warsaw; Data Center WAW02 Modułarna Warsaw; Data Center Posąg Siedmiu Panien Warsaw; Data Center Sękocin Warsaw; Swinoujście Tunnel; Tunnel S2 Warsaw; Office Center The Park Warsaw; Office Park HUB Warsaw Polpharma Duchnice Warsaw; Museum of Polish History Warsaw; Warsaw Breweries; Polish Army Museum Warsaw; Luthansa Środa Śląska; Gallery Młociny Warsaw; Azoty Group PDH Police; SK Battery Plant Dąbrowa Górnicza; Combined Heat and Powerplant Cracow; Combined Heat and Powerplant Siewerki Warszawa; LNG Terminal Swinoujście

BAKS CABLE ROUTES IN SELECTED PROJECTS IN EUROPE AND IN THE WORLD: In Germany: Tesla Gigafactory Berlin; Bayer Leverkusen; Rossmann Landsberg; Zalando Logistics Süd Schwarzwald Lahr; Porsche Vollmer Bau Zuffenhausen; Daimler Untertürkheim Geb. Höschle; Boysen Simmerfeld; Daimler Ph301 Sindelfingen; Thyssenkrupp Steel Dortmund; BMW AG Motorradwerk Berlin; BMW Dingolfing w 2.4 Tor 5 Dingolfing; Daimler AG Werk Mannheim; Daimler AG Werk Bremen; Volkswagen Nutzfahrzeuge Hannover; Ford Werke Saarlouis; Deutsche Bundesbank Dortmund; Ever Pharma Jena; Ratiopharm Ulm; Recaro Schwäbisch Hall; Samsung Goed; Jungheinrich Hedemünden; Würth Elektronik Waldenburg. In Austria: Agrana Tulln; Railway Station Salzburg and/orax Brucklegg; Maschines Plant Trumpf Pasching. In France: Airbus Tuluza and St. Nazaire; Renault Douai and Sandouville; Nuclear Powerplant Paluel; Powerplant Le Havre. In UK: Garbage Incinerator in Stafford, Ridham and Oxford; Thames Water London. In Sweden: Powerplants in Varnamo, Oskarshamn, Jonkoping and Combined Heat and Powerplant in Vasteras. In Hungary: Battery Factory Samsung Goed; Battery Factory SK Komárom; National Stadium Füstasa Budapest; Third Line of Underground in Budapest; Borsodchem Zrt Kazincbarcika; Butadien Factoryu Tiszaujvaros; Tires Factory Hankook Racalmas; Audi Győr; Gedson Richter Budapest; Hospitals in Szeged and Kiskunhalas. In Slovenia: Pharmaceutical Plant KRKA NOTOL 2 Novo Mesto; Geberit Bezena; Zito Maribor; Silkem Kidricevo. In Slovakia: Ironworks US Steel Kosice and SSM Strazske; VALEO Kosice; Samsung Galanta; Paper Mill Mondi Ruzomberok; Nuclear Powerplant Mochovce oraz Jaslovské Bohunice. In Czech Republic: Paperworks - Stora Enso - Ždírec nad Doubravou; KYB Pardubice; ABB Brno; Chemical plants in Draslovka. In Lithuania: Rafineryja Možeiki; Amilina Panevezys. In Estonia: Photovoltaic plant Vagari. In Latvia: Cement Works CEMEX. In Israel: Metro Red Line. In Qatar: Hammad Hospital. In Mexico: LEGO Factory. In Azerbaijan: AZMDF. In Pakistan: Gas Turbine 28MW. In Turkmenistan: Commercial Gas Transmission Lines. In Montenegro: Motorway Tunnels Bar-Bojare.

Taking care of the customer's needs by supplying products of the highest quality, keeping prices low, as well as professional logistics, have made BAKS earned trust of its customers, and cooperation with over 500 wholesalers and distributors is the best example of this.

Kazimierz Sielski

BAKS technology - quality you can afford!



I. General Terms and Conditions of the Warranty

1. BAKS („Producer“) hereby warrants to the Buyer that the product is free of material and workmanship defects.
2. A defect in the material and workmanship shall be understood as a defect causing the product to operate in a manner which is inconsistent with the Producer's specification.
3. The warranty shall cover in particular: mechanical strength of the goods and corrosion resistance of the zinc coating, the coating of powder-coated components and components made from stainless metal sheets.
4. The warranty covers damage and defects caused by reasons solely attributable to the Producer, such as breaking and bending of the structure, flaking of the protective coating.
5. The Buyer shall be understood as the entity which made a purchase directly from the Producer.
6. The Producer shall remove, free of charge, any defects in the material and workmanship discovered during the warranty period on the terms and conditions stipulated herein, by fixing the product or replacing it with a product which is free of any defect. The Producer has discretion with regard to the choice of the method of repair.
7. The warranty period is 12 months from the date of sale for the corrosiveness class C1, C2 or C3, provided that the user of the PV installation carries out maintenance of photovoltaic components at least once a year. *
8. In justified cases, the period of warranty may be extended by the Buyer's request following the arrangement of the conditions of storage, use and maintenance of the Products with the Producer. Any extension of the warranty period shall be certified in writing, otherwise it shall be null and void.
9. This warranty shall be effective on condition that the product is used for purposes it was designed for, in line with the Producer's specifications, technical and environmental conditions.
10. Neither the Buyer nor any third parties shall have any claims for damages due to any defects arising from a failure of the Product. The only liability of the Producer under this warranty shall be the repair or replacement of the Product for one which is free of any defect, in accordance with the terms and conditions hereof.
11. The Producer shall be liable to the Buyer only for physical defects arising from causes existing in the purchased Product itself.
12. In order for the warranty to be valid and effective, the following conditions must be satisfied.

Transport

Products shall be transported in dry, covered means of transport in such a way that the Products are protected against moving, mechanical damage and exposure to elements. Units of load shall be placed in the means of transport one next to another tightly and fixed to prevent them from moving. The cargo should be fixed with transport belts to prevent damage to the components.

Storage of products

Products should be stored in dry, clean, ventilated storage rooms free from any chemically reactive vapours and gases. Products must be secured from getting wet or damp. If zinc-coated elements get wet or damp, remove them from wet packaging as soon as possible, disassemble them and allow them to dry, then re-assemble them and store in a dry and airy room that ensures protection from precipitation. Products must be stored on pallets, in containers or on specially designed bases (they should not be put directly on concrete, floor or ground).

Storage in inappropriate (humid) conditions may lead to condensation appearing between the surface of zinc coated or painted elements, or ones made from stainless steel. If zinc-coated elements (Sendzimir galvanizing, Magnelis coating or equivalent, zinc-flake galvanizing, hot-dip galvanizing) are exposed to humidity, so called white corrosion (white-greyish stains) may appear, which does not affect the quality of the zinc coat and does not provide grounds for claiming the warranty. Products made from stainless steel or painted products may be protected with film, which must be removed without delay upon delivery. Leaving the protective film on products that are painted or made from stainless steel during storage in high temperature and high exposure to sunlight, may lead to chemical reactions causing the film to be embedded in the packaged elements. As a result of such reaction, it will be impossible to remove the film without damaging the surface of the products. For the duration of storage and assembly of the elements, they must be protected against contact with lime, cement and other alkaline construction materials. The products shall be protected from splashes from grinding and welding, repair or construction works as they may leave slight discolourations which may be difficult to remove. The transport, storage and assembly of the products must be performed in an environment consistent with the appropriate corrosiveness class based on the PN EN ISO 12944:2001 standard (more information in the table).

In case of not conforming to the regulations, claims shall not be accepted!

The products must be stocked indoors, under roof and in a dry environment. Do not allow humidity nor wetting the products!



Installation Proper selection of products and the correct method of installation are essential to the proper functioning of the products. Installation must be carried out in accordance with the manufacturer's instructions and/or indications.

Protection and maintenance of zinc-coated components (e.g., Sendzimir galvanizing, Magnelis coating or equivalent, zinc-flake galvanizing, hot-dip galvanizing)

The most common cause of defects in zinc coatings is improper handling of the product during storage and installation:

- products in storage (i.e. in original BAKS packaging) should be stored in dry and ventilated rooms;
- during storage, protect against changes in humidity and temperature which may cause condensation;
- if it is necessary to keep the products in the open air for a short period of time, ensure moisture removal. Use a cover ensuring breathability;
- in case of wetting of galvanised elements, the phenomenon of so-called white corrosion may occur, which does not reduce the protective layer and does not impair the anticorrosive properties of the coating, but does impair the appearance and aesthetics of the components. However, over time, if the components have not been dried, there is a complete reduction of the zinc coating to the point of corrosion. If wetting of galvanised components and white corrosion occurs, proceed as follows procedure:
 - ✓ remove outer packaging immediately,
 - ✓ arrange them so that the individual elements do not come into direct contact with each other (e.g. by interlaying the layers with narrow galvanised steel, plastic or aluminium profiles),
 - ✓ wash with running water if there are any solid contaminants (soil, wet cardboard packaging etc.),
 - ✓ dry to prevent moisture build-up or leave in an open, dry, ventilated area to dry,
 - ✓ store in a dry room.
- Rough edges that have been created whilst cutting and drilling for the installation, should be carefully deburred and degreased, and contaminants (dust, oil, grease, traces of corrosion) removed. Repairs should be carried out by painting with zinc-rich primer, zinc paste or a technically equivalent material. The thickness of the paint coat should be at least 30 µm thicker than the required local thickness of the zinc coating.

Protection and maintenance of painted elements

The most frequent cause of defects in paint coatings include: mechanical defects (scratches, chips) and cleaning with chemical agents. Therefore the following rules must be observed:

- pay particular attention during assembly to avoid scratching and chipping
- use protective tapes (e.g. painter's tapes) when cutting the element to size
- clean the product at least twice a year
- clean with delicate, non-abrasive fabrics and clean water with pre-tested detergent
- do not clean the coating with steam jets
- if you intend to clean the product with other cleaning agents than water, test the effects of the agent before cleaning the surface. If you notice any undesirable effects, do not use the tested cleaning agent
- do not use any highly-acidic or highly alkaline cleaning agents (including ones containing detergents)
- do not use salt or chemical substances meant for removing ice in the vicinity of painted surfaces

Protection and maintenance of Magnelis or equivalent coated components according to EN 10346:2015-09

- storage, assembly and operation of the structure will take place in an environment with the corrosive aggressiveness category specified in the table below for the given warranty period and the given zinc coating agreed in advance with the manufacturer,
- during the storage period, prior to assembly, structural components shall be stored on bases in such a manner as to prevent contact with the substrate, accumulation of precipitation and any other incidental deposits. Pre-packed construction elements must not be exposed to moisture. In the event of dampness the package, the elements must be unpacked and spread out until they are fully dry,
- elements damaged during assembly must be replaced with new, defect-free elements at the purchaser's expense,
- the purchaser shall, upon completion of the assembly of the structure, at his own expense, carefully inspect the protective coating and carry out a complete preservation by cleaning galvanised surfaces with neutral chemical agents to remove any remaining impurities (chemical residues, grease, oily substances and other impurities which may cause damage to the anti-coatings). Which may cause damage to the anti-corrosion coatings). After cleaning the structure, the purchaser is obliged to document with a photographic image any corrosion spots that may have occurred and to send the documentation to the manufacturer in order to establish the damage caused to the product. The purchaser is obliged to send the report to the manufacturer within 6 months of the purchase and immediately after completion of the installation under risk of loss of guarantee. Products made of Magnelis material or equivalent material may, in the initial phase of use, at the edges of the material or at the edges of the openings, become covered with a thin, superficial layer of red corrosion. In the course of time, the coating will self-regenerate, i.e. oxides of alloying substances will form on the surface. Over time, a self-regenerating effect occurs, i.e. the formation of oxides of the Magnelis material or equivalent alloying agent, which form a tight protective and corrosion-repellent layer between the steel and the atmosphere. Detailed information on the Magnelis material or equivalent is available on request.



Protection and maintenance of stainless steel and aluminium components

The treatment method and the correct choice of material grade for the prevailing atmospheric conditions is an extremely important factor that affects the quality of the surface during the servicing process. The corrosion resistance of stainless steel can be maintained by cyclic surface cleaning and further improved by chemical surface treatment - passivation. The most common cause of the appearance of „corrosion“ spots is:

- contamination of the surface by particles of iron, black steel (splintering during grinding cutting, grinding, welding),
- scratches that occur at the point of friction with a sharp component made of mild steel,
- improper storage and transport,
- inappropriate choice of material grade or product protective coating for the atmospheric environment in which it is used.

Storage of galvanised, galvanised and painted products - made of stainless/acid-resistant steel, aluminium

Superficial dark discolourations occurring locally on products made of stainless/acid-resistant steel or aluminium do not affect the quality and functionality of the product and are therefore not subject to complaint. During the mechanical processing of stainless/acid-resistant steel or aluminium, interference with the passive layer of the component occurs causing minor damage to the tension surface of the passive layer. Upon contact with oxygen, discolouring substances precipitate in the places of minor surface defects, causing discolouration. This process does not occur deep into the material. Further structure remains intact. Such phenomena can occur under any conditions both during transport, storage and use (especially in humid conditions the precipitation of discolouring substances on the surface of the material is accelerated). Damage to the passive coating most frequently occurs during product assembly (e.g. by impacts, abrasions, scratches) or as a result of the use of improper tools and abrasives. Under assembly conditions, strongly adhering deposits and tarnishes can form on the products, which contribute to the formation of stains, discolouration or tarnishing. These are harmless to the product and are usually cleanable. Stainless steel is characterised by the fact that it does not require additional corrosion protection after treatment. Nevertheless, maintenance and cleaning are required during the service life of the material in order to maintain the aesthetic appearance for a longer period of time. The frequency of cleaning and maintenance of the range depends on the conditions of use, and the degree of use. In the event of soiling on the products the coating must be cleaned and protected.

Cleaning and maintenance methods for stainless/acid-resistant steel and aluminium

The method of treatment and the correct choice of material grade for the prevailing atmospheric conditions is an extremely important factor that affects the quality of the surface during the service process.

- superficial discolouration and dust occurring during use can be removed with e.g. a cloth, suede leather or sponge;
- steel pads or wire brushes must not be used to scrub the products. They may leave fine particles of mild steel deposited on the surface of stainless steel or aluminium, resulting in discolouration or even corrosion of the material with deeper interference;
- localised discolouration from fingerprints, dust or rain can be easily and quickly removed by wiping the product;
- local dirt or grease marks, if they are minor, can be removed with water and a suitable detergent; for heavy dirt, use a special chemicals for cleaning and maintenance of stainless/acid-resistant steel or aluminium; alcohol-based cleaning agents are acceptable for cleaning (they do not affect the anticorrosive coating);
- in the event of iron particles on the elements as a result of construction work (e.g. grinding, welding, scratching with a sharp particles from construction work (e.g. grinding splatter, welding, scratching with a sharp mild steel component), they must be removed immediately. These particles will be susceptible to corrosion, which will have a destructive effect on the passive layer of the stainless steel component and may lead to corrosion of the material. Deposits with iron particles should be removed mechanically or with dedicated chemical agents;
- special care must be taken during installation (stainless steel products should preferably be installed in the last stage of the work). In the case of deeper damages and the appearance of so-called corrosion pits, it is necessary to etch the area with acid and protect it with a passivating agent. Please note that the etching process may cause irreversible loss of the aesthetic appearance of the assortment;
- after cleaning, it is recommended to carry out an additional polishing process with a dry soft cloth;
- cleaning agents containing chlorides should not be used and the use of silver cleaners is forbidden.

The frequency of cleaning and maintenance work depends on the environment in which it is used, the degree of soiling and the operating conditions. Stainless steel products should be cleaned at least once every 12 months for minor contamination or at least once every 6 months for major contamination.

Treatment and maintenance steps in the event of signs of corrosion:

- **mechanical cleaning.** Clean areas with surface corrosion with abrasive fleece and wipe with a dry, clean cloth;
- **chemical cleaning.** Apply, e.g. with a brush, a thin and even layer of a suitable chemical agent to the cleaned surfaces. After approx. 5 min. (the time depends on the type of chemical used) wash off the chemical with a damp cloth. Rinse the cloth regularly in clean water or change to a clean one. Particular care should be taken to ensure that no other components in the vicinity of the parts to be cleaned are splashed. Then the damp surface should then be wiped dry with, for example, a soft cloth towel or paper.
- **passivation.** The cleaned dry surfaces should be treated with a passivation agent using a sponge or spray, so that a thin even protective layer is formed. The above steps should be carried out manually without using power tools. If there are other components under the products to be cleaned and there is a risk of splashing they should be covered, e.g. with thick painter's foil. To clean stainless steel, do not use grout remover products or substances which contain hydrochloric acid, bleach or silver cleaners

Do not use carbon steel wire brushes, steel cleaning wool, steel scouring pads.

II. Loss of warranty – applies to all BAKS products (including those made with Sendzimir galvanizing, Magnelis coating or equivalent, zinc-flake galvanizing, hot-dip galvanizing, stainless/acid-resistant steel, aluminum, painted products and others)

1. The warranty does not cover:
 - mechanical damage and resulting defects, in particular damage to protective coatings caused during transport, storage, assembly, operation and maintenance;
 - damage resulting from installation and/or operation of the products under conditions or in a manner inconsistent with the manufacturer's specification (exceeding the permissible loads, damage caused by environmental conditions, etc.);
 - damage to products due to improper storage (mechanical damage, discolouration, stains, white corrosion);
 - damage caused by the use of salt and chemicals for de-icing in the vicinity of stored or installed products;
 - damage resulting from structural changes or the use of products contrary to their intended use;
 - damage resulting from the installation of products to concrete surfaces before the end of the concrete setting period, i.e. when 100% of the concrete strength has been reached and the cessation of emission of chemical secretions (installation on so-called fresh concrete);
 - damage occurring during transport using means of transport external to the Manufacturer;
 - failure to comply with the obligation to carry out periodic maintenance inspections, if required;
 - other damage resulting from improper use of the products;
 - damage resulting from adverse events (fire, inundation, damage resulting from acts of terrorism and war, etc.);
 - occurrence of payment arrears for the Product exceeding 90 days from the due date of the invoice.
2. The warranty does not cover normal operational maintenance activities, such as cleaning and maintenance.
3. Products installed at the destination must be subjected to periodic maintenance at intervals not exceeding 12 months consisting of removal of soiling (chemical residues, grease and oil residues and all other soiling which could damage the anticorrosion coating) and restoration of the coating. After maintenance, a report with full photo documentation showing the condition of the installation before and after the work is carried out must be sent to the manufacturer and after the works have been completed within 30 days of the completion of the maintenance under risk of voiding the guarantee. The report should indicate the products covered by the guarantee, the purchaser's details, proof of purchase no. the place where the products were installed. The report should be sent to: baks@baks.com.pl. Areas omitted from the report where corrosion appears cannot be the subject of a warranty claim.
4. The cable route MUST NOT be used as a communication/transportation route, it is not allowed to walk on it and/or lay objects, e.g. during installation work, inspections, etc. Damage resulting from improper operation is not covered by the warranty.

III. Exercising of Warranty

1. Defects discovered during the warranty period will be fixed free of charge by BAKS as soon as possible, after the relevant warranty claim is filed.
2. Defects or damage to the product uncovered during the warranty period should be reported to the Producer without delay, in any case not later than 7 days after their discovery.
3. The warranty procedure covers only complete, verifiable products, free of any mechanical defect or damage caused by external factors.
4. The following conditions must be satisfied in order for a claim under the warranty to be handled:
 - ✓ the product's name, catalogue number, purchase date, the number of the packing list document or the purchase invoice,
 - ✓ details of the damage to the products and the surroundings in which it occurred, with further information about the occurrence of defects in the product, including pictures of the defective products and the surroundings in which they are mounted and stored
5. Having acknowledged the claim, the Producer shall decide how the claim is to be satisfied.
6. The Producer reserves a right to conduct an on-site inspection in the place where the faulty product was mounted.
7. The Producer reserves a right to put the warranty procedure on hold if the Buyer is in arrears with the payment for invoices for longer than 14 days.
8. In case of unjustified complaint calls under the guarantee, BAKS reserves the right to charge the caller with the cost of handling the complaint, in particular the cost of performing the inspection (travel costs, labor costs, etc.), the cost of expert opinions, etc.

Disclaimer: BAKS has a policy of continuous product development and reserves the right to alter or amend specifications, as necessary, without prior notice presented in this publication. This catalogue is designed to provide only preliminary technical information which refers to standard products manufactured by BAKS.

1. General Rules for Assembling BAKS Cable Routes

- use only screws recommended by the cable tray manufacturer for connections (details in respective chapters)
- use no fewer screws than recommended by the manufacturer for fastening (details in respective chapters)
- torque of screws and threaded rods must follow specifications

Torque values for bolts and threaded rods [Nm]			
Thread \ Grade	4.8	5.8	8.8
M6	5,0	6,2	9,6
M8	12,3	15,2	23,0
M10	24,0	30,0	46,0
M12	42	52,0	79,0

Table 1.1

- walking on installed cable trays is prohibited
- leaning on the sides of trays/ladders by installers, as well as loading cable routes with scaffolding or other construction elements during installation and operation, is prohibited
- placing heavy objects on the cable routes or mounting other installations on them is prohibited
- all elements of the cable route must be manufactured in a manner suitable for use in the designated corrosion class (details in the technical information)
- all cut edges must be protected against corrosion (details in the warranty)
- bolts should be inserted from the inside of the tray/ladder so that the nuts are on the outside of the side walls

2. Cable Trays, cable ladders, trunkings, profiles

2.1. Cable trays up to 1.2 mm thick – KG..., KC..., KB..., KO..., KL...

- connect by sliding one tray into another and fastening with SG...M6x... screw sets (details in Chapter I).
- the sidewalls of connected trays must be fastened with the maximum number of screw sets. Bottom connections depend on tray width:
 - 50 – 75mm – 1 or 2 sets
 - 100-200mm – 2 sets
 - 300-400mm – 3 sets
 - 500-600mm – 5 sets
- all used screw sets must be tightened to the torque specified in Table 1.1.

2.2. Cable Trays KA..., KCP..., KBP...

- butt-join the cable trays using connectors and internal connection plates (details in Chapter I)
- cable trays to be joined must be pushed together at the center of the connector and connection plate
- the joined cable trays must be fastened with the same number of SG...M6x... screw sets on both sides (details in Chapter I)
- all used screw sets must be tightened to the torque specified in Table 1.1.

2.3. Cable Trays KF „CLICK“

- join trays by placing the end of one tray over the other from above and snapping the latches. During assembly, ensure that the connection latches engage with the raised embossings
- for heavy loads, the "Click" connection can be fastened with screws (three SG...M6x... screw sets per side)
- the "Click" tray system includes all branching elements compatible with Click assembly (elbows, tees, bends, reducers)
- all used screw sets must be tightened to the torque specified in Table 1.1.
- the "Click" connection significantly speeds up cable tray assembly

2.4. Wall trunking

- wall trunking must be joined without screws using the LKS... connector (details in Chapter XVI)
- wall trunking must be pushed together at the center of the connector

2.5. Underfloor Trunking

- join trunking without screws using the compensating sleeve (details in Chapter XV)
- joined underfloor trunking must be pushed together at the center of the compensating sleeve

2.6. C-Profiles

- butt-join C-profiles using dedicated connectors (details in Chapter X)
- joined C-profiles must be pushed together at the center of the connector
- the joined C-profiles must be fastened with the same number of SG...M10x... screw sets on both sides (details in Chapter X)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.7. Cable Ladders DK... and DU...

- butt-join ladders using LD... connectors (details in Chapter VI)
- joined ladders must be pushed together at the center of the connector
- the joined ladders must be fastened with the maximum number of SG...M8x... screw sets on both sides (details in Chapter VI)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.8. Cable Ladders DF „CLICK“

- join cable ladders by placing the end of one ladder over the other from above and snapping the latches. When connecting DF "Click" ladders, ensure that the safety latch preventing disengagement is seated in the hole.
- "Click" cable ladder system – the Click connection significantly speeds up cable tray assembly.

2.9. Long-span Cable Trays and Ladders Systems

- butt-join self-supporting trays and self-supporting ladders using dedicated connectors (details in Chapters III and VII)
- joined trays and ladders must be pushed together at the center of the connector
- joined self-supporting trays and ladders must be fastened with the maximum number of SG...M8x... screw sets on both sides (details in Chapters III and VII)
- all used screw sets must be tightened to the torque specified in Table 1.1
- the support structure must not obstruct the connection point of ladders or trays (on the connector)



2.10. Wire Mesh Cable Trays

- join wire mesh cable trays using USSN/USSO screw clamps (details in Chapter II)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.11. KDSZ “Click” Wire Mesh Cable Trays

- join wire mesh trays by placing the end of one tray over the other from above and snapping the latches (details in Chapter II). After assembly, ensure that the connector sockets engage the vertical wires on the sides of the connected tray.
- the “Click” connection significantly speeds up cable tray installation.

2.12. Marine System Trays

- join trays by sliding one into the other and fastening with SG...FM6x... screw sets (details in Chapter IX)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.13. Marine System Ladders

- butt-join marine system ladders using LDOWH30 connectors (details in Chapter IX)
- joined ladders must be fastened with the same number of SG...FM8x... screw sets on both sides (details in Chapter IX)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.14. Lighting System Trays

- KLWL75H60 cable trays are joined by sliding one into the other and fastening with five SG...M6x... screw sets (details in Chapter XVII)
- KLL75H60 cable trays are butt-joined using LPU1H60 connectors and 4 SG...M6x... screw sets per connector (details in Chapter XVII)
- joined cable trays must be pushed together at the center of the connector
- KLFL75H60 cable trays are joined by placing the end of one tray over the other from above and snapping the latches. During assembly, ensure that the connection latches engage with the raised embossings
- all used screw sets must be tightened to the torque specified in Table 1.1

2.15. Machine Power Supply System

- butt-join trays using LKM...H... connectors and SG...M6x... screw sets (details in Chapter V)
- joined trays must be pushed together at the center of the connector
- joined trays must be fastened with the same number of SG...M6x... screw sets on both sides (details in Chapter V)
- all used screw sets must be tightened to the torque specified in Table 1.1

2.16. Fire-Resistant Cable Assemblies E30–E90

- cable trays and ladders forming part of fire-resistant cable assemblies must be joined according to the applicable National Technical Assessment (details in Chapter XIX)
- the shape of support structures and limit parameters of cable trays (support spacing, widths, loads, cable type and manufacturer, etc.) must comply with the applicable National technical Assessment (details in Chapter XIX)
- all used screw sets must be tightened to the torque specified in Table 1.1
- use of cable tray components from different manufacturers is not permitted (except for anchoring elements)

3. Support Structures

- support structures must be selected to withstand the loads on the tray route
- the spacing between support structures must ensure that the maximum allowable load for trays/ladders is not exceeded
- details on reading load charts for trays, ladders, and structural elements are included in the BAKS catalog
- exceeding the maximum allowable parameters of the cable trays (loads, support spacing, lengths, etc.) is prohibited
- cable trays and ladders must be securely fastened to support structures using dedicated clamps (details in Chapters XII and XIII)
- all screws and nuts used must be tightened to the torque specified in Table 1.1

Failure to follow the above guidelines/instructions in the cable tray installation manual will void any claims.

Detailed assembly information is provided on the catalog pages for each product, in examples at the end of sections, and in the detailed cable tray installation manual.

For any issues regarding cable tray installation, please contact BAKS Technical Support.

Safety Guidelines for Using BAKS Cable Routes

1. BAKS cable routes and their components are intended for routing and supporting power, telecom, pneumatic, water, and other cables. To ensure safe use, observe the following rules: Cable trays must be properly designed and selected by qualified personnel experienced in electrical installations and, where applicable, licensed to design, paying special attention to product purpose, dimensions, allowable load, material, corrosive environment, etc.

Improper design or selection may pose a health and safety risk, cause malfunction, or damage the product.

2. Cable routes must be properly installed and grounded by qualified personnel experienced in electrical work. Improper installation or grounding may pose a health and safety risk, cause malfunction, or damage the product.

3. Cable routes must be inspected, serviced, and cleaned at intervals not exceeding 12 months by qualified personnel.

Failure to perform regular maintenance may pose a health and safety risk, cause malfunction, or damage the product.

4. Cable routes must not be used as walkways, climbing paths, or for hanging/transporting objects. Such use may cause collapse, endanger health and safety, and/or damage the product.

5. Cable routes must not be used for storing, installing, or suspending additional items or installations contrary to their intended purpose, e.g., during construction, installation, service, or renovation works. Such use and/or additional loading of the cable route may result in collapse, pose a risk to health and life, and/or lead to damage.

PN-EN 61537:2007 standard defines the method for testing the strength of cable trays. Based on these tests the manufacturer specifies the Safe Working Load (SWL) that each product can carry.

Deflection is measured at the midpoint between supports under the Safe Working Load. The deflection must not exceed **1/100** of the span. A properly loaded cable tray will be a durable and reliable structure without risk or hazard to users.

Based on a physically conducted series of tests a load–span chart is created. All values on the chart incorporate a safety factor of **1.7** in accordance with PN-EN 61537:2007. The deflection line represents the maximum safe deflection of the tray. The actual deflection under maximum safe load must be below the value of the green line on the chart. The green vertical axis on the chart shows how deflection increases with load and support span. Deflection is scaled in millimeters and can be read directly from the chart.

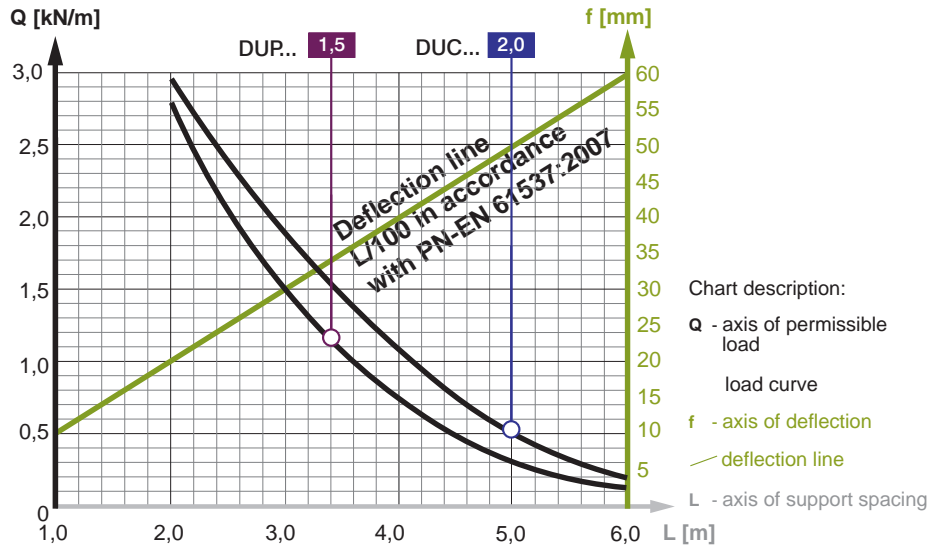


Chart No. 1 – Cable tray deflection depending on load and support span [mm]
Maximum deflection equal to **1/100L**

Below is a simple formula for calculating the maximum safe deflection of a cable tray in accordance with PN-EN 61537:2007

$$f = L/100$$

Where:

f – deflection of the cable tray at the midpoint between supports [mm]

L – support span [m]

100 – constant value defined by PN-EN 61537:2007

For self-supporting trays and ladders, where the support spacing is typically six meters or more (common in hall constructions), the manufacturer has tightened the requirements of PN-EN 61537:2007.

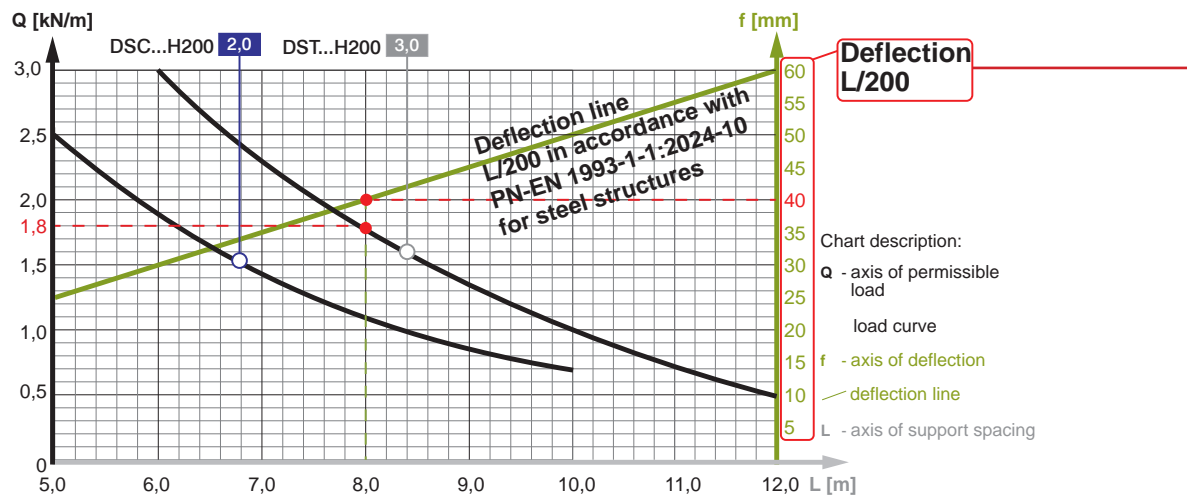
A maximum cable tray deflection of **1/200** of the span between supports has been adopted, also taking into account a safety factor of **1.7**. By reducing the allowable deflection, the reliability of cable trays is increased without posing any risk or hazard to users.

This methodology ensures exceptional operational conditions and outstanding structural aesthetics. The tray deflection is half of the maximum allowed by PN-EN 61537:2007, resulting in a stable and safe construction with imperceptible deformations.

Below are two identical charts illustrating the difference in deflections:

Load–deflection chart relative to support span

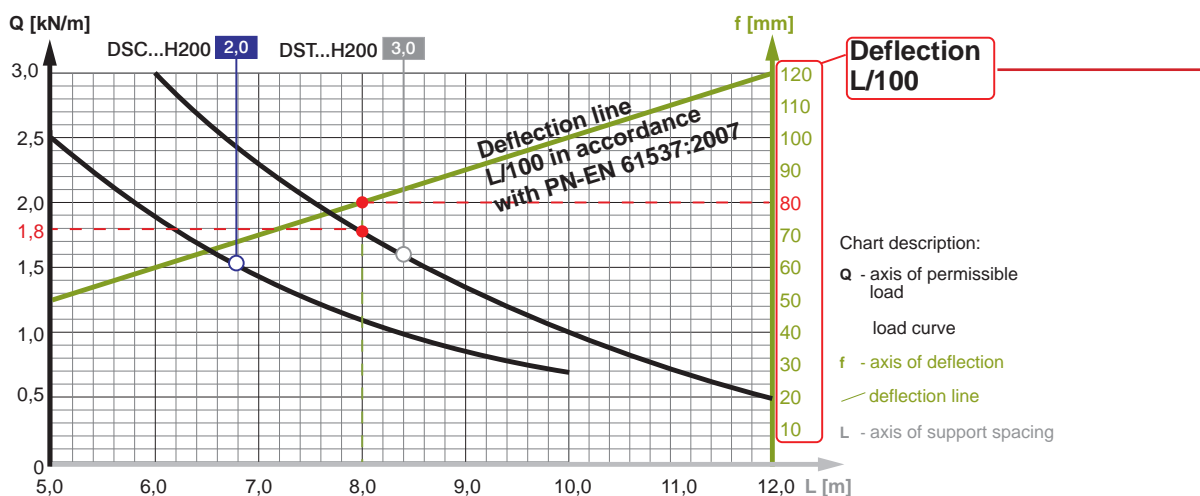
1/200 in accordance with PN-EN 1993-1-1:2024-10



Difference in deflection values under the same parameters

Load–deflection chart relative to support span

1/100 in accordance with PN-EN 61537:2007



Analyzing the two examples above, the difference between the two charts is highlighted in red.

According to PN-EN 61537:2007, the allowable deflection for our example is 80 mm at a support span of 8 m, whereas according to PN-EN 1993-1-1:2024-10, the allowable deflection is 40 mm at the same span.

The difference in allowable deflection is therefore twofold.



Certificate confirming the testing method for allowable load with a safety factor of 1.7 (meaning the products are 70% stronger than the values specified in the BAKS catalog), as well as the method for testing electrical continuity in accordance with PN-EN 61537:2007.

This standard specifies the electrical parameters that cable trays and their connections must meet. The impedance must not exceed 50 mΩ per connection when trays are joined with a connector or integral component, and must not exceed 5 mΩ per meter on a straight section (excluding connections).

Obtaining this certificate demonstrates compliance of the products with strict EU and international standards, ensuring their quality and reliability. This is the primary and most important certificate for compliance with PN-EN 61537:2007, which every cable tray manufacturer should possess.

CERTIFICATE

No.: **TM 61000551.001**



Licence holder
BAKS KAZIMIERZ SIELSKI
ul. Jagodne 5
05-480 Karczew, PL

Manufacturing plant
BAKS KAZIMIERZ SIELSKI
ul. Jagodne 5
05-480 Karczew, PL

Project number
26100619

Our reference
SD/84954312

Certificate validity period
from 30.04.2021 to 29.04.2026

Basis of research
PN-EN 61537:2007

TÜV Rheinland Polska Sp. z o.o. declares that the product described below meets the requirements contained in the reference documents:

Metal cable trunking system:

- Cable trays H30 – H200
- Wire mesh trays H30 – H100
- Cable ladders H45 – H200
- Sub-floor channels H28 – H48
- Wall channels H68 – H100
- Fittings, load-bearing structures and other cable trunking accessories

TÜV Rheinland Polska Sp. z o.o.
ul. Komitetu Obrony Robotników 56,
02-146 Warszawa, Polska
Tel.: (+48/22) 846 79 99
Tel.: (+48/22) 868 37 42
e-mail: post@pl.tuv.com



Product certification body

Tomasz Opaszowski

Warsaw, 30.04.2021

This certificate is subject to the Certification Terms and Conditions and the JCW TRP General Transaction Conditions and applies only to the products that are compliant with the standard used for compliance assessment. This certificate alone does not entitle the holder to affix the CE mark.
This certificate entitles the holder to affix the product with the TÜV mark.



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Precisely Right.

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Certificate confirming that BAKS meets the requirements of the quality management system in accordance with the international standard ISO 9001:2015.

This system aims at the continuous improvement of the company's operations, directly contributing to customer satisfaction. Holding the certificate signifies that the company's quality management system is subject to regular oversight by the certifying body.

Certificate

Standard ISO 9001:2015

Certificate Registr. No. 01 100 1331984

Certificate Holder: BAKS Wytwarzanie **Osprzętu**
Instalacyjno-Elektrotech.
Kazimierz Sielski; BAKS
Kazimierz Sielski
ul. Jagodne 5
05-480 Karczew
Poland

Scope: - Design and manufacturing of metal support systems for cables, wires and ventilation channels
- Powder coating
- HOT-DIP galvanising

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2026-04-19 until 2029-04-18.
First certification 2001

2026-02-23

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

/, TÜEV and TUV are registered trademarks. Utilisation and application requires prior approval.

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Type approval certificate in accordance with Article 10.1 of European Parliament Regulation No. 391/2009, issued by the Norwegian institute DNV, for cable trays intended for ship wiring systems – certificate extended to wire mesh trays KDS...H60 and perforated trays KMPSJ...H15.



EUROPEAN UNION RECOGNISED ORGANISATION (EU RO) MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE

Certificate No:
MRE000000D
Revision No:
2

In accordance with Article 10.1 of EU Regulation 391/2009

This Certificate is issued to
BAKS Wytwarzanie Osprzetu Instalacyjno – Elektrotechnicznego
Kazimierz Sielski
Karczew, Poland

for
Cable Trays and Ducts (Metallic)

with type designation(s)
Cable Tray

The product is found to comply with
EU RO Mutual Recognition Technical Requirements for Cable Trays and Ducts (Metallic)

Intended service
Cable trays and ducts intended to be used in ship's cabling systems necessary for the applications mentioned in 1.b in the TA program.

This is to certify:

that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognised Organisation Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements.

This Certificate is valid until **2028-03-12**.

Issued at **Høvik** on **2025-08-28**

DNV local unit: **Gdansk CMC**

Approval Engineer: **Ivar Bull**



for DNV
This document has been digitally signed and will therefore not have handwritten signature

Frederik Tore Elter
Head of Section

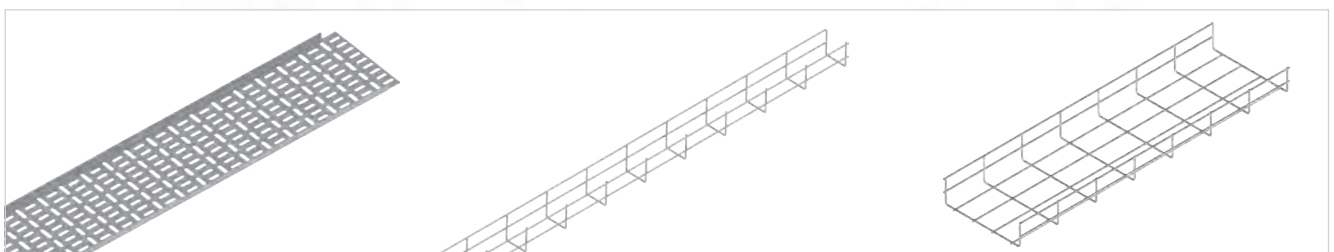
This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.
LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Form code: MRTA 201

Revision: 2024-10

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CERTIFICATE APPROVING THE USE OF MARINE CABLE LADDER SYSTEMS

Type approval certificate in accordance with Article 10.1 of European Parliament Regulation No. 391/2009, issued by the Norwegian institute DNV, for cable ladders intended for ship wiring systems – certificate extended to ladder types DOTT...H30, DOZCP...H40, DOTE...H40, DOZ...H35.



EUROPEAN UNION RECOGNISED ORGANISATION (EU RO) MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE

In accordance with Article 10.1 of EU Regulation 391/2009

Certificate No:
MRE000000E
Revision No:
4

This Certificate is issued to
BAKS Wytwarzanie Osprzetu Instalacyjno – Elektrotechnicznego
Kazimierz Sielski
Karczew, Poland

for
Cable Trays and Ducts (Metallic)

with type designation(s)
Cable Ladder

The product is found to comply with
EU RO Mutual Recognition Technical Requirements for Cable Trays and Ducts (Metallic)

Intended service
Cable trays and ducts intended to be used in ship's cabling systems necessary for the applications mentioned in 1.b in the TA program.

This is to certify:

that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognised Organisation Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements.

This Certificate is valid until **2028-03-12**.

Issued at **Høvik** on **2025-08-28**

DNV local unit: **Gdansk CMC**

Approval Engineer: **Ivar Bull**



for **DNV**

This document has been digitally signed and will therefore not have handwritten signature

Frederik Tore Elter
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.
LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Form code: MRTA 201

Revision: 2024-10

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Page 1 of 6





FULL PRODUCT RANGE IS AVAILABLE IN THE
PRODUCT CATALOGUE 2026/2027
AND ON THE WEBSITE BAKS.COM.PL/EN/

**QUALITY CABLE
MANAGEMENT
SOLUTIONS**

E90 NACH DIN 4102-12

PROFESSIONAL BAKS STRUCTURES
FOR MOUNTING PHOTOVOLTAIC PANELS

2026/27
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TECHNICAL INFORMATION	Certificates; Approvals; Warranties; Instructions	Pages 1-27
CABLE TRAYS	New cable trays, Modified fittings, Flexible side rails, Elbow base modules, Mounting inserts, Branching connectors, Mounting feet	Pages 28-34
WIRE MESH CABLE TRAYS	Angle connectors, Articulated bend elements, Articulated bends, Branch connectors, Mounting feet, Extension connectors	Pages 35-39
LONG-SPAN CABLE TRAYS	Angle connectors, Articulated bend elements, Articulated bends, Branch connectors, Mounting feet, Extension connectors	Pages 40-51
HEAVY EXTERNAL SYSTEM	Reduction and end plates, Branch connectors, Mounting feet	Pages 52-55
MACHINE POWER SUPPLY SYSTEM	Branch connectors, Mounting feet, Floor supports, Barrier Strip clamps	Pages 56-59
TRUNKING SYSTEM	New cable tray system with covers	Pages 60-61
CABLE LADDER SYSTEM	Angle connectors, Articulated connectors, Articulated bend elements, Articulated bends, Bends and tees for self-assembly, Branch connectors, Mounting feet, Extension connectors	Pages 62-115
LONG-SPAN CABLE LADDERS	Articulated bend elements, Articulated bends, Branch connectors, Mounting feet, Extension connectors	Pages 116-135
MARINE TRAYS AND LADDERS SYSTEM	Cable Trays with accessories, H35 Ladders with accessories, Wire Mesh Trays with accessories	Pages 136-144
SUPPORT FOR ROOFTO AND ANGLE PROFILE	Roof mounts, Angle brackets, Reinforced angle brackets, Accessories	Pages 145-156
WIRE ROPE SYSTEM	Wire ropes and accessories	Pages 157-166
CEILING SUSPENSION SYSTEM	I-beam clamp sets, Cable clamps, Steel strip and accessories	Pages 167-175
SYSTEM E30, E60, E90 ACCORDING TO DIN 4102-12	Certificates and new constructions	Pages 176-187
NEWS 2026		

DISCOVER THE SYSTEMS FOR DESIGNING AND SELECTING CABLE ROUTE COMPONENTS

INTERACTIVE PDF – CLICK ON THE PRODUCT NAME AND GO TO THE ONLINE CATALOGUE!

- Cable Trays
- Self-supporting Trays
- Wire Mesh Trays
- Cable Ladders
- Long-span Cable Ladders

Even greater durability, functionality, and reliability for every project. Discover the latest innovations in BAKS systems!

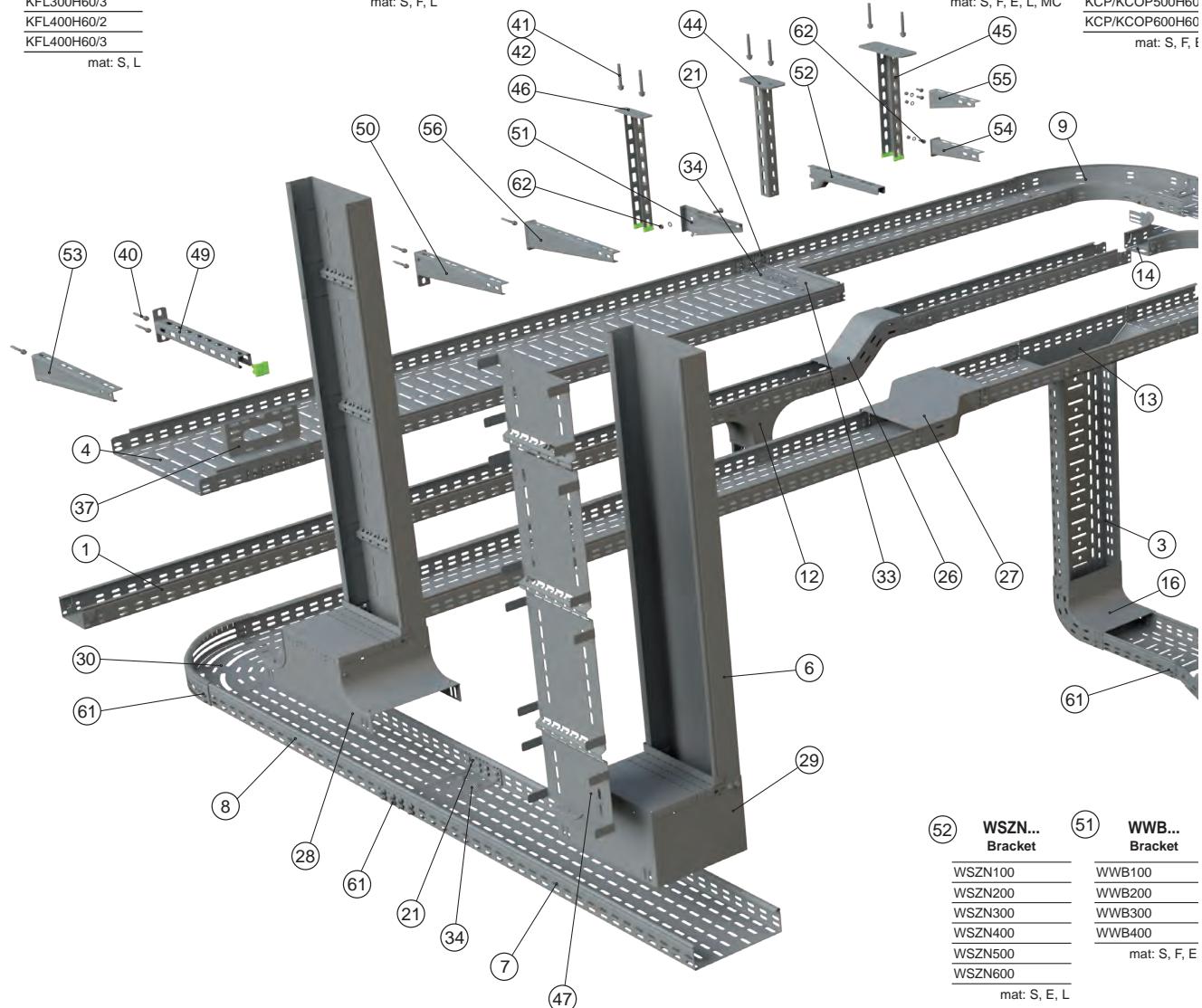


CHECK OUT THE TUTORIAL ON USING SYSTEMS FOR DESIGNING AND SELECTING CABLE ROUTE ELEMENTS



Cable trays and CLICK cable trays

1 KFL... Cable Tray	2 KFJ... Cable Tray	3 KGL/KGOL... Cable Tray	4 KGJ/KGOJ... Cable Tray	5 KGR... Cable Tray	6 KBJ... Cable Tray	7 KCL/KCOL... Cable Tray	8 KCP/KCOP... Cable Tray
KFL50H60/2 KFL50H60/3 KFL100H60/2 KFL100H60/3 KFL150H60/2 KFL150H60/3 KFL200H60/2 KFL200H60/3 KFL300H60/2 KFL300H60/3 KFL400H60/2 KFL400H60/3 mat: S, L	KFJ100H60/3 KFJ150H60/3 KFJ200H60/3 KFJ300H60/3 KFJ400H60/3 KFJ500H60/3 KFJ600H60/3 mat: S, L, MC	KGL/KCL50H60/2 KGL/KCL50H60/3 KGL/KGOL100H60/3 KGL/KGOL150H60/3 KGL/KGOL200H60/3 KGL/KGOL300H60/3 KGL400H60/3 KGL500H60/3 KGL600H60/3 mat: S, F, L	KGJ/KCJ50H60/3 KGJ/KGOJ100H60/3 KGJ/KGOJ150H60/3 KGJ/KGOJ200H60/3 KGJ/KGOJ300H60/3 KGJ/KGOJ400H60/3 KGJ500H60/3 KGJ600H60/3 mat: S, F, L	KGR50H60/3 KGR100H60/3 KGR150H60/3 KGR200H60/3 KGR300H60/3 mat: S, L	KBJ50H60/3 KBJ100H60/3 KBJ150H60/3 KBJ200H60/3 KBJ300H60/3 KBJ400H60/3 KBJ500H60/3 KBJ600H60/3 mat: S, F, E, L	KGL/KCL50H60/2 KGL/KCL50H60/3 KCL/KCOL100H60/3 KCL/KCOL150H60/3 KCL/KCOL200H60/3 KCL/KCOL300H60/3 KCL400H60/3 KCL500H60/3 KCL600H60/3 mat: S, F, E, L, MC	KCP50H60/3 KCP50H60/6 KCP/KCOP100H60 KCP100H60/6 KCP/KCOP150H60 KCP/KCOP200H60 KCP200H60/6 KCP/KCOP300H60 KCP/KCOP400H60 KCP/KCOP500H60 KCP/KCOP600H60 mat: S, F, L



62 SMM... Screw Set (installation of brackets to supports)	59 WFMC... Bracket	57 WFML... Bracket	56 WMCT... Bracket	55 WW... Bracket	54 WMCN... Bracket	53 WWSR... Bracket	50 WMC/WMCO Bracket
SMM6x16 SMM8x16 ... 30 SMM10x20 ... 120 SMM12x30 ... 100 mat: G, F, FP, E	WFMC50 WFMC100 WFMC150 WFMC200 WFMC300 WFMC400 mat: S, F, E, L, MC	WFML50 WFML100 WFML150 WFML200 WFML300 WFML400 mat: S, F, E, L, MC	WMCT100 WMCT200 WMCT300 WMCT400 WMCT500 WMCT600 WMCT700 WMCT800 WMCT900 WMCT1000 mat: F, E, L	WW/WWSR50 WW100 WW150 WW200 WW300 WW400 WW500 WW600 mat: S, F, E, L, MC	WMCN100 WMCN150 WMCN200 WMCN300 WMCN400 WMCN500 WMCN600 mat: F, E, L	WW/WWSR50 WWSR100 WWSR150 WWSR200 WWSR300 WWSR400 WWSR500 WWSR600 mat: S, F, E, L, MC	WMC/WMCO100 WMC/WMCO150 WMC/WMCO200 WMC/WMCO300 WMC/WMCO400 WMC/WMCO500 WMC/WMCO600 WMC700 WMC800 WMC900 WMC1000 mat: F, E
61 SGK... Screw Set (Installation of cable trays, connectors and brackets)	60 STMK... Mounting Plate	58 WSS... Bracket					
SGKM6x10 ... 30 SGKM8x14 ... 50 SGKM10x16 ... 30 SGKM12x30 mat: G, FP, E	STMKCH60 mat: S, FP, F, E, L	WSS50 WSS100 WSS150 WSS200 mat: S, F, E, L					

Materials: S - Sendzimir method galvanised steel PN-EN 10346:2015-09
L - painting in standard RAL colour E - stainless steel

F - hot dip galvanised steel PN-EN ISO 1461:2023-02
MC - stal w powloce Magnelis®

FP - galvanised according to the zinc flake method PN-EN ISO 10683:2018-11
G - galvanised

The CLICK connections enable up to five times faster installation of cable routes

9 KPFJ... Horizontal Bend 90° KPFJ50H60 KPFJ100H60 KPFJ150H60 KPFJ200H60 KPFJ300H60 KPFJ400H60 KPFJ500H60 KPFJ600H60 mat: S, L	10 KK... Horizontal Bend 90° KKJ50H60 KKJ100H60 KKJ150H60 KKJ200H60 KKJ300H60 KKP400H60 KKP500H60 KKP600H60 mat: S, F, E, L, MC	11 TPFJ... Horizontal Tee TPFJ50H60 TPFJ100H60 TPFJ150H60 TPFJ200H60 TPFJ300H60 TPFJ400H60 TPFJ500H60 TPFJ600H60 mat: S, L	12 TRSFJ... Tee - Lengthwise TRSFJ50H60 TRSFJ100H60 TRSFJ150H60 TRSFJ200H60 TRSFJ300H60 TRSFJ400H60 TRSFJ500H60 TRSFJ600H60 mat: S, L	13 TRJ... Vertical Tee-Lengthwise TRJ50H60 TRJ100H60 TRJ150H60 TRJ200H60 TRJ300H60 TRP400H60 TRP500H60 TRP600H60 mat: S, F, E, L	14 TKDFJ... Add-on Tee TKDFJ50H60 TKDFJ100H60 TKDFJ200H60 TKDFJ300H60 TKDFJ400H60 TKDFJ500H60 TKDFJ600H60 mat: S, L, MC	15 LUFWJ... 90° Vertical Bend - Internal LUFWJ50H60 LUFWJ100H60 LUFWJ150H60 LUFWJ200H60 LUFWJ300H60 LUFWJ400H60 LUFWJ500H60 LUFWJ600H60 mat: S, L	16 LUNJ... 90° Vertical Bend LUNJ50H60 LUNJ100H60 LUNJ150H60 LUNJ200H60 LUNJ300H60 LUNP400H60 LUNP500H60 LUNP600H60 mat: S, F, E, L			
19 LUPFJ... Connector LUPFJ50H60 LUPFJ100H60 LUPFJ150H60 LUPFJ200H60 LUPFJ300H60 LUPFJ400H60 LUPFJ500H60 LUPFJ600H60 mat: S, L	18 LLJ... Adjustable Vertical Bend LLJ50H60 LLJ100H60 LLJ150H60 LLJ200H60 LLJ300H60 LLP400H60 LLP500H60 LLP600H60 mat: S, F, E, L	17 LUFZJ... 90° Vertical Bend - External LUFZJ50H60 LUFZJ100H60 LUFZJ150H60 LUFZJ200H60 LUFZJ300H60 LUFZJ400H60 LUFZJ500H60 LUFZJ600H60 mat: S, L	20 LUFJ... Connector LUFJ50H60 LUFJ100H60 LUFJ150H60 LUFJ200H60 LUFJ300H60 LUFJ400H60 LUFJ500H60 LUFJ600H60 mat: S, L	21 LPU2H60 Connector LPU2H60 mat: S, FP, E, L	22 LRPJ... Corner Connector LRPJH60 mat: S, F, E, L	23 LPK... Vertical Connector LPKCH60 mat: S, FP, E, L	24 LKJ/LKOJ... Angle Connector LKJ/LKOJH60 LKJH60/1 mat: S, FP, F, E, L	25 LGFJ... Articulated Connector LGFJH60 mat: S, L, MC		
31 PKJ... Cover PKJ35/2 PKJ50/3 PKJ100/3 PKJ150/3 PKJ200/3 PKJ300/3 PKJ400/3 PKJ500/3 PKJ600/3 mat: S, F, E, L, MC	29 KRUMJ... Universal Tee KRUMJ100 KRUMJ200 KRUMJ300 mat: S, F, E, L	30 KKRPJ... Adjustable Elbow KKRPJ50H60 KKRPJ100H60 KKRPJ200H60 KKRPJ300H60 KKRPD400H60 KKRPD500H60 KKRPD600H60 mat: S, F, E, L	32 PTPFJ... Cover for Horizontal Tee PTPFJ50 PTPFJ100 PTPFJ150 PTPFJ200 PTPFJ300 PTPFJ400 PTPFJ500 PTPFJ600 mat: S, F, E, L	33 BRZ... Reduction and end plate BRZJ50H60 BRZJ100H60 BRZJ150H60 BRZJ200H60 BRZJ300H60 BRZP400H60 BRZP500H60 BRZP600H60 mat: S, F, E, L	34 BL... Joint Protection Plate BL100 BL150 BL200 BL300 BL400 BL500 BL600 mat: S, F, E, L	35 BZK... Edge Protection Plate BZK100 BZK150 BZK200 BZK300 BZK400 BZK500 BZK600 mat: S, F, E, L	36 PGL... Barrier Strip PGL60/2N PGL60/3N mat: S, F, E, L	37 UPZUN... Mounting Plate UPZUN mat: S, F, E, L	38 PD... Spacer PD9 mat: S, FP, E, L, MC	39 LZZW... Steel wire with lock. LZZW1/... LZZW2/... mat: G
49 WPT/WPTO... Universal Bracket WPT/WPTO100 WPT150 WPT200 WPT300 WPT400 WPT500 WPT600 WPT700 WPT800 WPT900 WPT1000 mat: F, E, L	47 WMK... Tray mounting insert WMK100H60 WMK150H60 WMK200H60 WMK300H60 mat: S	46 WPCB... Ceiling Bracket WPCB200 WPCB300 WPCB400 WPCB500 WPCB600 WPCB700 WPCB800 WPCB900 WPCB1000 WPCB2000 WPCB3000 mat: F, E, L	45 WPSE... Ceiling Bracket WPSE200 WPSE300 WPSE400 WPSE500 WPSE600 WPSE700 WPSE800 WPSE900 WPSE1000 WPSE1100 WPSE1200 WPSE1500 WPSE2000 WPSE3000 mat: F, E, L	44 WPCW/WPCO... Ceiling Bracket WPCW/WPCO200 WPCW/WPCO300 WPCW/WPCO400 WPCW/WPCO500 WPCW/WPCO600 WPCW/WPCO700 WPCW/WPCO800 WPCW/WPCO900 WPCW/WPCO1000 WPCW/WPCO1100 WPCW/WPCO1200 WPCW/WPCO1500 WPCW/WPCO2000 mat: F, E, L	43 PGM... Threaded Rod PGM6/1 PGM6/2 PGM6/3 PGM8/01 PGM8/02 PGM8/03 PGM8/1 PGM8/2 PGM8/3 PGM10/1 PGM10/2 PGM10/3 PGM12/1 PGM12/2 PGM12/3 mat: G, E	41 PSRZ... Anchor Bolt PSRZM8x75 PSRZM10x80 PSRZM12x100 mat: G, E	40 PSRM... Anchor Bolt PSRM6x65 PSRM6x100 PSRM8x75 PSRM8x115 PSRM10x65 PSRM10x90 PSRM10x95 PSRM10x115 PSRM10x120 PSRM12x90 PSRM12x100 PSRM12x110 PSRM12x140 mat: G, F, E			

Wire mesh trays and CLICK wire mesh trays

**1 KDS/KDSO...
Wire Mesh Cable Tray**

KDS/KDSO60H60/3
KDS/KDSO100H60/3
KDS/KDSO150H60/3
KDS/KDSO200H60/3
KDS/KDSO300H60/3
KDS/KDSO400H60/3
KDS/KDSO500H60/3
KDS/KDSO600H60/3
mat: G, F, E, L

**3 KDSZ...
Wire Mesh Cable Tray**

KDSZ60H60/3
KDSZ100H60/3
KDSZ150H60/3
KDSZ200H60/3
KDSZ300H60/3
KDSZ400H60/3
KDSZ500H60/3
KDSZ600H60/3
mat: G, F, L

**4 KKSZ...
Horizontal Bend 90°**

KKSZ60H60
KKSZ100H60
KKSZ150H60
KKSZ200H60
KKSZ300H60
KKSZ400H60
KKSZ500H60
KKSZ600H60
mat: S, F, E, L

**5 TKSZ...
Horizontal Tee**

TKSZ60H60
TKSZ100H60
TKSZ150H60
TKSZ200H60
TKSZ300H60
TKSZ400H60
TKSZ500H60
TKSZ600H60
mat: S, F, E, L

**6 KKRPS...
Adjustable Elbow 90°**

KKRPSJ100H60
KKRPSJ200H60
KKRPSJ300H60
KKRPSD400H60
KKRPSD500H60
KKRPSD600H60
mat: S, F, E, L

**7 PKKSZ...
Cover for 90° Bend**

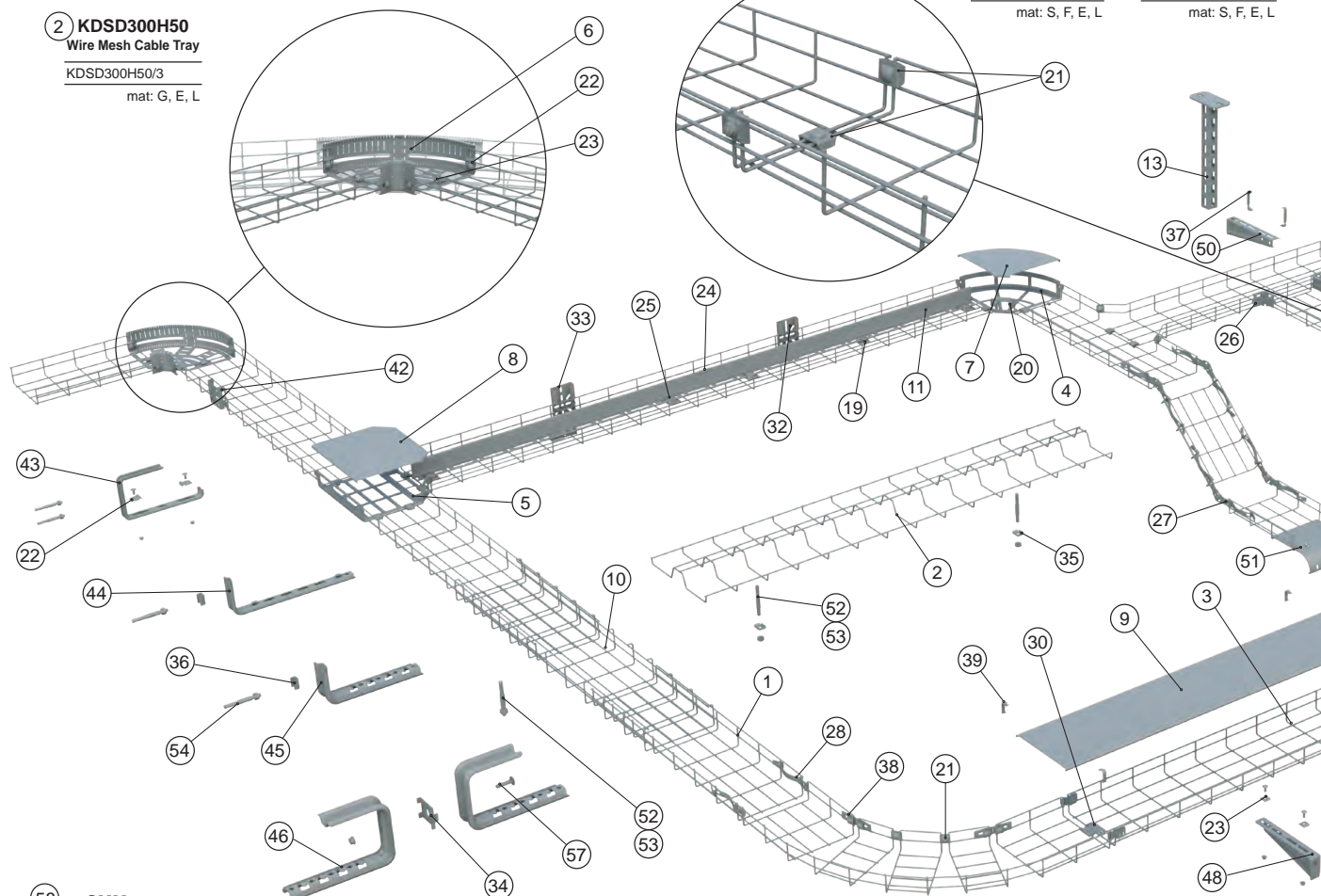
PKKSZ50
PKKSZ60
PKKSZ100
PKKSZ150
PKKSZ200
PKKSZ300
PKKSZ400
PKKSZ500
PKKSZ600
mat: S, F, E, L

**8 PTKSZ...
Cover for Flat Tee**

PTKSZ50
PTKSZ60
PTKSZ100
PTKSZ150
PTKSZ200
PTKSZ300
PTKSZ400
PTKSZ500
PTKSZ600
mat: S, F, E, L

**2 KDSD300H50
Wire Mesh Cable Tray**

KDSD300H50/3
mat: G, E, L



**58 SMM...
Screw Set
(installation of brackets
to supports)**

SMM6x16
SMM8x16 ... 30
SMM10x20 ... 120
SMM12x30 ... 100
mat: G, F, FP, E

**57 SGK...
Screw Set
(Installation of cable
trays, connectors and
brackets)**

SGKM8x50
mat: G, FE, E

**56 STSC...
Mounting Plate**

STSCH60
mat: G, FP E, L

**55 PGM...
Threaded Rod**

PGM6/1
PGM6/2
PGM6/3
PGM8/01
PGM8/02
PGM8/03
PGM8/1
PGM8/2
PGM8/3
PGM10/1
PGM10/2
PGM10/3
PGM12/1
PGM12/2
PGM12/3
mat: G, E

**54 PSRM...
Anchor Bolt**

PSRM6x65
PSRM6x100
PSRM8x75
PSRM8x115
PSRM10x65
PSRM10x90
PSRM10x95
PSRM10x115
PSRM10x120
PSRM12x90
PSRM12x100
PSRM12x110
PSRM12x140
mat: G, F, E,

**52 PSRO...
Anchor Bolt**

PSROM6x45
PSROM6x50
PSROM8x75
PSROM10x80
PSROM12x100
mat: G, F, FP, E,

**53 PSRZ...
Anchor Bolt**

PSRZM8x75
PSRZM10x80
PSRZM12x100
mat: G, E,

**50 WWSN...
Bracket**

WWSN50
WWSN100
WWSN150
WWSN200
WWSN300
WWSN400
WWSN500
WWSN600
mat: S, F, E, L, MC

**51 ZKSN...
Drop-Out Plate**

ZKSN50
ZKSN100
ZKSN200
ZKSN300
ZKSN400
ZKSN500
ZKSN600
mat: S, F, E, L

**49 WPTS...
Universal Bracket**

WPTS100
WPTS150
WPTS200
WPTS300
WPTS400
WPTS500
WPTS600
WPTS700
WPTS800
WPTS900
WPTS1000
mat: F, E, L

**47 WSZSN...
Bracket**

WSZSN100
WSZSN150
WSZSN200
WSZSN300
WSZSN400
WSZSN500
WSZSN600
mat: S, E, L

**48 WWSR...
Bracket**

WWWSR50
WWSR100
WWSR150
WWSR200
WWSR300
WWSR400
WWSR500
WWSR600
mat: S, F, E, L, MC

The CLICK system enables up to five times faster installation of cable routes

9 PKJS... Cover

PKJS60/3
PKJS100/3
PKJS150/3
PKJS200/3
PKJS300/3
PKJS400/3
PKJS500/3
PKJS600/3

mat: S, F, E, L

10 LSR.. Sliding connector

LSR60H60/1
LSR100H60/1
LSR200H60/1
LSR300H60/1
LSR60H60/2
LSR100H60/2
LSR200H60/2
LSR300H60/2
LSR60H60/3
LSR100H60/3
LSR200H60/3
LSR300H60/3

mat: G, F, E, L

11 PGL... Barrier Strip

PGL50/3N
PGL100/3N
PGL100/3N

mat: S, E, L, MC

12 WPT/WPTO... Universal Bracket

WPT/WPTO100
WPT150
WPT200
WPT300
WPT400
WPT500
WPT600
WPT700
WPT800
WPT900
WPT1000

mat: F, E, L

13 WPCW/WPCO... Ceiling Bracket

WPCW/WPCO200
WPCW/WPCO300
WPCW/WPCO400
WPCW/WPCO500
WPCW/WPCO600
WPCW/WPCO700
WPCW/WPCO800
WPCW/WPCO900
WPCW/WPCO1000
WPCW/WPCO1100
WPCW/WPCO1200
WPCW/WPCO1500
WPCW/WPCO2000

mat: F, E, L

14 WSKS... Hanger

WSKS60
WSKS100

mat: G, FP, E, L

15 WSKD... Ceiling Wire Hanger

WSKD60
WSKD100

mat: G, FP, E, L

16 WKS/WKSO60 Side Holder

WKS/WKSO60

mat: G, FP, E, L

18 CZD... Wire Clip

CZD83
CZD103

mat: G, FP, E, L

17 BSMN Side Holder

BSMN

mat: G, FP, E, L

19 UPDS Barrier Strip Clamp

UPDS

mat: G, FP, E, L

20 UDKS Fitting Holder

UDKS

mat: G, FP, E

21 USSN/USO Screw clamp

USSN/USO

mat: G, FP, E, L

23 ZS/ZSO Clamping Piece

ZS/ZSO

mat: G, FP, E

22 USKS Integrated connector

USKS

mat: G, FP, E

26 LKSUCN Angle Connector

LKSUCN

mat: S, FP, E, L

27 LSGN Articulated Snap-In Connector with lock

LSGN

mat: G, FP, E, L

24 LPG Barrier Strip Connector - Top

LPG

mat: G, FP, E, L

25 LPD Barrier Strip Connector - Bottom

LPD

mat: G, FP, E, L

37 ZAPU... Universal clamp

ZAPUH35
ZAPUH60
ZAPUH110

mat: E

32 UP1 Mounting Plate

UP1

mat: S, F, E, L

28 ZLSN... Snap-In Connector with lock

ZLSN1
ZLSN2
ZLSN3

mat: G, FP, E, L

33 UP2 Mounting Plate

UP2

mat: S, F, E, L

29 LPSC... Connector

LPSC60

mat: G, FP, E, L

34 UBWF Side holder for bracket

UBWF

mat: S, FP, E, L

30 UZS... Snap-In Bottom Connector

UZS1
UZS2
UZS3

mat: G, FP, E, L

35 UKDSC Ceiling Hanger

UKDSC

mat: G, FP, E, L

36 PD... Spacer

PD11

mat: S, FP, E, L, MC

31 ZSW Center Hanger

ZSW

mat: G, FP, E, L

45 WFLS... Bracket

WFLS100
WFLS150
WFLS200
WFLS300
WFLS400
WFLS500
WFLS600

mat: S, F, E, L

43 WSS... Bracket

WSS50
WSS100
WSS150
WSS200

mat: S, F, E, L

40 LPBS Articulated connector for wire mesh trays

LPBS

mat: G, E, L

41 ZBS Side connector clamp

ZBS

mat: G, E, L

42 BMS Mounting Plate

BMS

mat: G, FP, E, L

38 PLC23/01N Flat bar

PLC23/01N

mat: S, FP, E, L

39 ZPNN...E2 Cover Clamp

ZPNNH30E2
ZPNNH80E2

mat: G, FP, E, L

46 WFCS... Bracket

WFCS100
WFCS150
WFCS200
WFCS300
WFCS400
WFCS500
WFCS600

mat: S, F, E, L

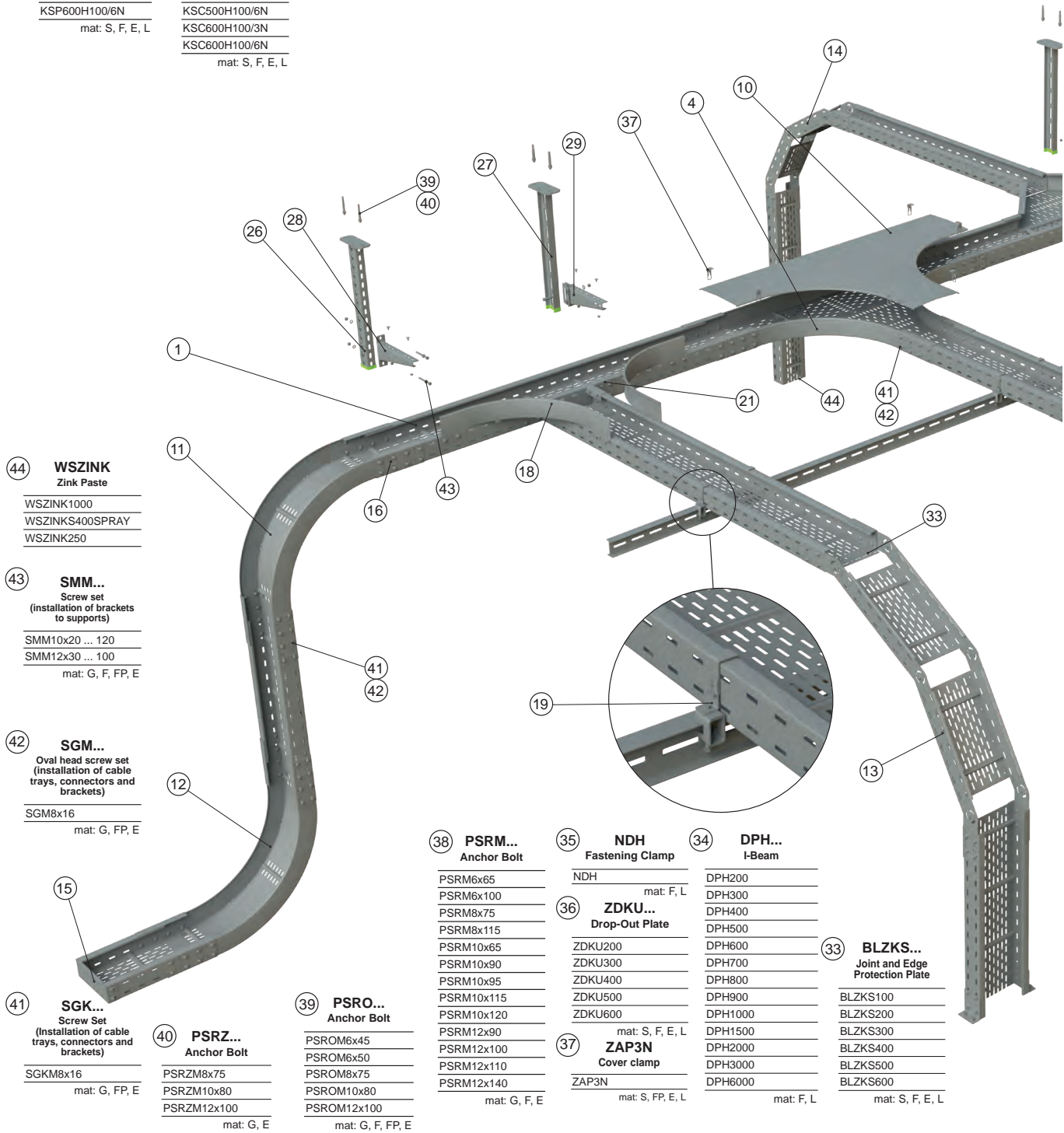
44 WFMLS... Bracket

WFMLS100
WFMLS150
WFMLS200
WFMLS300
WFMLS400

mat: S, F, E, L

Self supporting trays system

1 KSP... Cable Tray	2 KSC... Cable Tray	3 KKS... 90° Horizontal Bend	4 TKS... Horizontal Tee	5 TDKSU... Add-on tee	6 KDKSC... Extension elbow (set.)	7 RKSS... Straight Reducer
KSP200H100/3N KSP200H100/6N KSP300H100/3N KSP300H100/6N KSP400H100/3N KSP400H100/6N KSP500H100/3N KSP500H100/6N KSP600H100/3N KSP600H100/6N mat: S, F, E, L	KSC100H100/3N KSC100H100/6N KSC200H100/3N KSC200H100/6N KSC300H100/3N KSC300H100/6N KSC400H100/3N KSC400H100/6N KSC500H100/3N KSC500H100/6N KSC600H100/3N KSC600H100/6N mat: S, F, E, L	KKSC100H100 KKSC200H100 KKSC300H100 KKSC400H100 KKSC500H100 KKSC600H100 mat: S, F, E, L	TKSC100H100N TKSC200H100N TKSC300H100N TKSC400H100N TKSC500H100N TKSC600H100N mat: S, F, E, L	TDKSUC200H100 TDKSUC300H100 TDKSUC400H100 TDKSUC500H100 TDKSUC600H100 mat: S, F, E, L	KDKSCH100 KDKSCH110 KDKSCH120 KDKSCH150 KDKSCH160 KDKSCH200 mat: S, F, E, L	RKSSC300/200H100N RKSSC400/300H100N RKSSC500/400H100N RKSSC600/500H100N mat: S, F, E, L



44 **WSZINK**
Zink Paste

WSZINK1000
WSZINKS400SPRAY
WSZINK250

43 **SMM...**
Screw set
(installation of brackets
to supports)

SMM10x20 ... 120
SMM12x30 ... 100
mat: G, F, FP, E

42 **SGM...**
Oval head screw set
(installation of cable
trays, connectors and
brackets)

SGM8x16
mat: G, FP, E

41 **SGK...**
Screw Set
(Installation of cable
trays, connectors and
brackets)

SGKM8x16
mat: G, FP, E

40 **PSRZ...**
Anchor Bolt

PSRZM8x75
PSRZM10x80
PSRZM12x100
mat: G, E

39 **PSRO...**
Anchor Bolt

PSROM6x45
PSROM6x50
PSROM8x75
PSROM10x80
PSROM12x100
mat: G, F, FP, E

38 **PSRM...**
Anchor Bolt

PSRM6x65
PSRM6x100
PSRM8x75
PSRM8x115
PSRM10x65
PSRM10x90
PSRM10x95
PSRM10x115
PSRM10x120
PSRM12x90
PSRM12x100
PSRM12x110
PSRM12x140
mat: G, F, E

35 **NDH**
Fastening Clamp

NDH
mat: F, L

36 **ZDKU...**
Drop-Out Plate

ZDKU200
ZDKU300
ZDKU400
ZDKU500
ZDKU600
mat: S, F, E, L

37 **ZAP3N**
Cover clamp

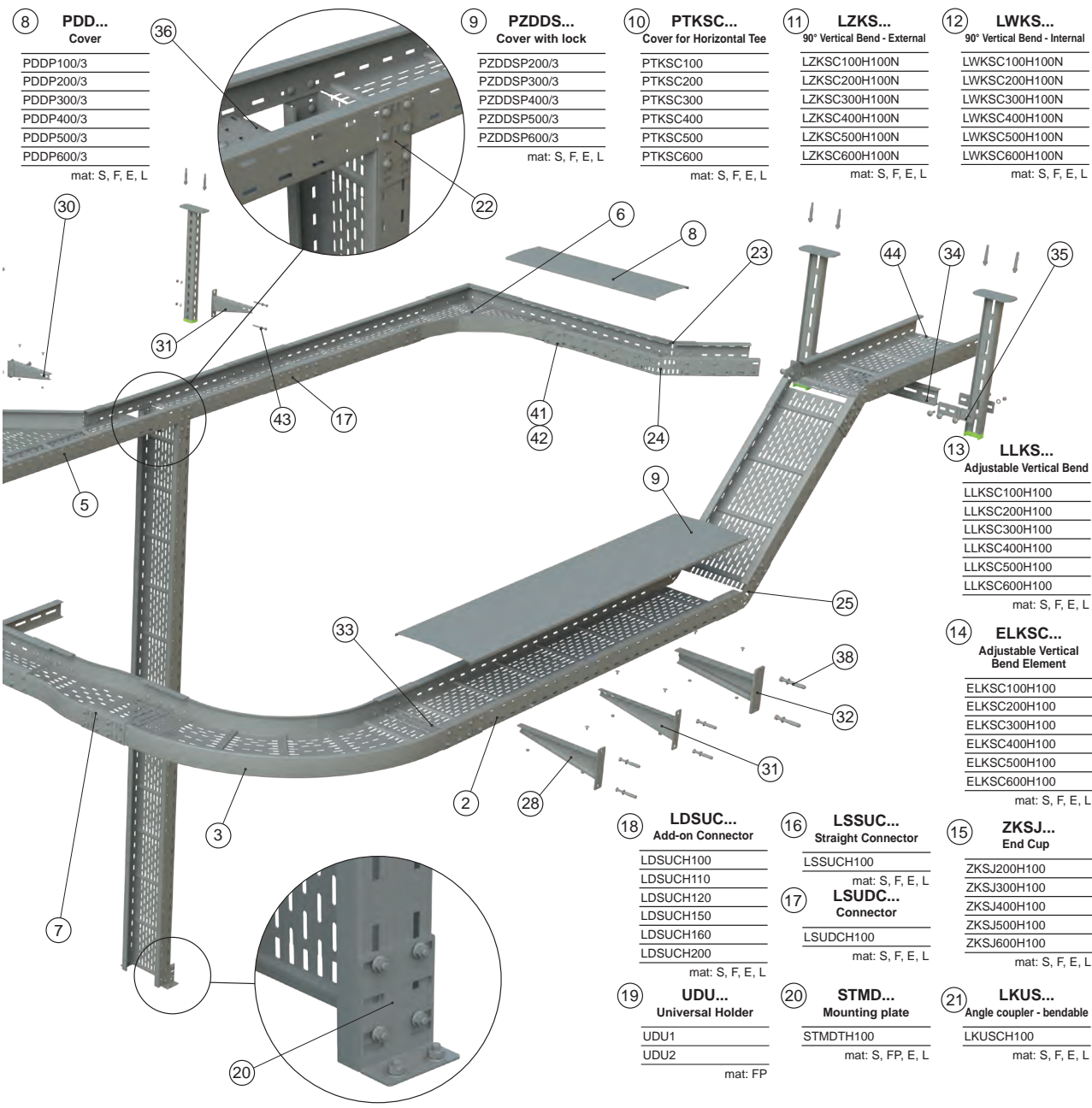
ZAP3N
mat: S, FP, E, L

34 **DPH...**
I-Beam

DPH200
DPH300
DPH400
DPH500
DPH600
DPH700
DPH800
DPH900
DPH1000
DPH1500
DPH2000
DPH3000
DPH6000
mat: F, L

33 **BLZKS...**
Joint and Edge
Protection Plate

BLZKS100
BLZKS200
BLZKS300
BLZKS400
BLZKS500
BLZKS600
mat: S, F, E, L



8 PDD... Cover

PDDP100/3
PDDP200/3
PDDP300/3
PDDP400/3
PDDP500/3
PDDP600/3

mat: S, F, E, L

9 PZDDS... Cover with lock

PZDDSP200/3
PZDDSP300/3
PZDDSP400/3
PZDDSP500/3
PZDDSP600/3

mat: S, F, E, L

10 PTKSC... Cover for Horizontal Tee

PTKSC100
PTKSC200
PTKSC300
PTKSC400
PTKSC500
PTKSC600

mat: S, F, E, L

11 LZKS... 90° Vertical Bend - External

LZKSC100H100N
LZKSC200H100N
LZKSC300H100N
LZKSC400H100N
LZKSC500H100N
LZKSC600H100N

mat: S, F, E, L

12 LWKS... 90° Vertical Bend - Internal

LWKSC100H100N
LWKSC200H100N
LWKSC300H100N
LWKSC400H100N
LWKSC500H100N
LWKSC600H100N

mat: S, F, E, L

13 LLKS... Adjustable Vertical Bend

LLKSC100H100
LLKSC200H100
LLKSC300H100
LLKSC400H100
LLKSC500H100
LLKSC600H100

mat: S, F, E, L

14 ELKSC... Adjustable Vertical Bend Element

ELKSC100H100
ELKSC200H100
ELKSC300H100
ELKSC400H100
ELKSC500H100
ELKSC600H100

mat: S, F, E, L

18 LDSUC... Add-on Connector

LDSUCH100
LDSUCH110
LDSUCH120
LDSUCH150
LDSUCH160
LDSUCH200

mat: S, F, E, L

16 LSSUC... Straight Connector

LSSUCH100

mat: S, F, E, L

15 ZKSJ... End Cup

ZKSJ200H100
ZKSJ300H100
ZKSJ400H100
ZKSJ500H100
ZKSJ600H100

mat: S, F, E, L

17 LSUDC... Connector

LSUDCH100

mat: S, F, E, L

19 UDU... Universal Holder

UDU1
UDU2

mat: FP

20 STMD... Mounting plate

STMDTH100

mat: S, FP, E, L

21 LKUS... Angle coupler - bendable

LKUSCH100

mat: S, F, E, L

32 WTRE... Bracket

WTRE200
WTRE300
WTRE400
WTRE500
WTRE600
WTRE700
WTRE800
WTRE900
WTRE1000
WTRE1100
WTRE1200
WTRE1300
WTRE1400
WTRE1500

mat: F, E, L

31 WWC... Bracket

WWC200
WWC300
WWC400
WWC500
WWC600
WWC700
WWC800
WWC900
WWC1000

mat: F, E, L

30 WWCHN... Bracket

WWCHN200
WWCHN300
WWCHN400
WWCHN500
WWCHN600
WWCHN700
WWCHN800
WWCHN900
WWCHN1000

mat: F, L

28 WWW... Bracket

WWW200
WWW300
WWW400
WWW500
WWW600
WWW700
WWW800

mat: F, E, L

29 WWKH... Bracket

WWKH200
WWKH300
WWKH400
WWKH500
WWKH600
WWKH700
WWKH800

mat: F, L

27 WPDH...N Ceiling Bracket

WPDH200N
WPDH300N
WPDH400N
WPDH500N
WPDH600N
WPDH700N
WPDH800N
WPDH900N
WPDH1000N
WPDH1500N
WPDH2000N
WPDH3000N

mat: F, L

26 WPCE/WPCEO... Ceiling Bracket

WPCE/WPCEO200
WPCE/WPCEO300
WPCE/WPCEO400
WPCE/WPCEO500
WPCE/WPCEO600
WPCE/WPCEO700
WPCE/WPCEO800
WPCE/WPCEO900
WPCE/WPCEO1000
WPCE/WPCEO1100
WPCE/WPCEO1200
WPCE/WPCEO1500
WPCE/WPCEO2000
WPCE/WPCEO3000

mat: F, E, L

22 LPUC... Vertical connector

LPUCH100

mat: S, FP, E, L

23 LKKSU... Angle Connector - short

LKKSUCH100

mat: S, F, E, L

24 LKSU... Angle Connector

LKSUCH100

mat: S, F, E, L

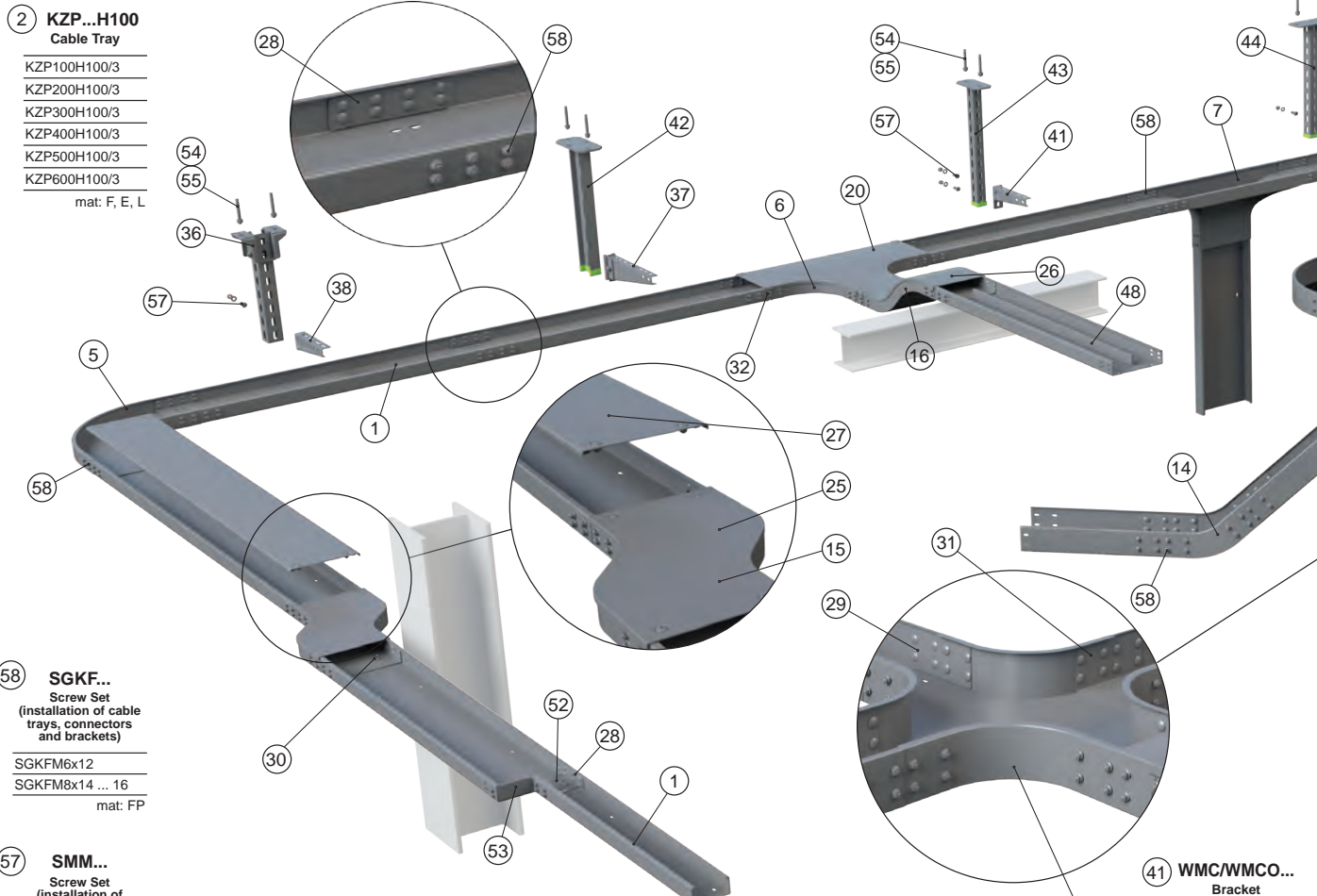
25 LGSU... Articulated Connector

LGSUCH100

mat: S, F, E, L

Heavy external system

1 KZP...H50 Cable Tray KZP50H50/3 KZP100H50/3 KZP200H50/3 KZP300H50/3 KZP400H50/3 KZP500H50/3 KZP600H50/3 mat: F, E, L	3 KZLP...H50 Cable Tray with Integral Connector KZLP50H50/3 KZLP100H50/3 KZLP200H50/3 KZLP300H50/3 KZLP400H50/3 KZLP500H50/3 KZLP600H50/3 mat: F, E, L	4 KZLP...H100 Cable Tray with Integral Connector KZLP100H100/3 KZLP200H100/3 KZLP300H100/3 KZLP400H100/3 KZLP500H100/3 KZLP600H100/3 mat: F, E, L	5 KKZP...H50 90° Horizontal Bend KKZP50H50 KKZP100H50 KKZP200H50 KKZP300H50 KKZP400H50 KKZP500H50 KKZP600H50 mat: F, E, L	6 TKZP...H50 Horizontal Tee TKZP50H50 TKZP100H50 TKZP200H50 TKZP300H50 TKZP400H50 TKZP500H50 TKZP600H50 mat: F, E, L	7 TRZP...H50 Vertical Tee Lengthwise TRZP50H50 TRZP100H50 TRZP200H50 TRZP300H50 TRZP400H50 TRZP500H50 TRZP600H50 mat: F, E, L	8 TRRZP...H50 Vertical Tee - Crosswise TRRZP50H50 TRRZP100H50 TRRZP200H50 TRRZP300H50 TRRZP400H50 TRRZP500H50 TRRZP600H50 mat: F, E, L	9 TRUZP... Universal Tee TRUZP100 TRUZP200 TRUZP300 mat: F, E, L
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58 SGKF...
Screw Set (installation of cable trays, connectors and brackets)
 SGKFM6x12
 SGKFM8x14 ... 16
 mat: FP

57 SMM...
Screw Set (installation of brackets to supports)
 SMM10x20 ... 120
 SMM12x30 ... 100
 mat: G, F, FP, E

56 PSRM...
Anchor Bolt
 PSRM6x65
 PSRM6x100
 PSRM8x75
 PSRM8x115
 PSRM10x65
 PSRM10x90
 PSRM10x95
 PSRM10x115
 PSRM10x120
 PSRM12x90
 PSRM12x100
 PSRM12x110
 PSRM12x140
 mat: G, FP, E

55 PSRZ...
Anchor Bolt
 PSRZM8x75
 PSRZM10x80
 PSRZM12x100
 mat: G, E

54 PSRO...
Anchor Bolt
 PSROM6x45
 PSROM6x50
 PSROM8x75
 PSROM10x80
 PSROM12x100
 mat: G, FP, E

53 RKP...H50
Angle Reducer
 RKP50H50
 RKP100H50
 RKP200H50
 mat: F, E, L

52 BLZ...
Joint and Edge Protection Plate
 BLZ100
 BLZ150
 BLZ200
 BLZ300
 BLZ400
 BLZ500
 BLZ600
 mat: F, E, L

51 WMKZ...H100
Tray Mounting Insert for Cable
 WMKZ100H100
 WMKZ200H100
 WMKZ300H100
 mat: F

50 WMKZ...H50
Tray Mounting Insert for Cable
 WMKZ100H50
 WMKZ200H50
 WMKZ300H50
 mat: F

49 STM...F
Mounting Plate
 STMKCH50F
 STMDTH100F
 STMDTH200F
 mat: F

48 PGL...N
Barrier Strip
 PGL50/3N
 mat: S, E, L

47 ZKZPH50
Blind End
 ZKZP50H50
 ZKZP100H50
 ZKZP200H50
 ZKZP300H50
 ZKZP400H50
 ZKZP500H50
 ZKZP600H50
 mat: S, F, E, L

46 LPUC...F
Branch Connector
 LPUCH50F
 LPUCH100F
 LPUCH200F
 mat: S, FP, E, L

45 WTK200
Triangular profile bracket
 WTK200
 mat: MC, F, E, L

44 WPSE...
Ceiling Bracket
 WPSE200
 WPSE300
 WPSE400
 WPSE500
 WPSE600
 WPSE700
 WPSE800
 WPSE900
 WPSE1000
 WPSE1100
 WPSE1200
 WPSE1500
 WPSE2000
 WPSE3000
 mat: F, L

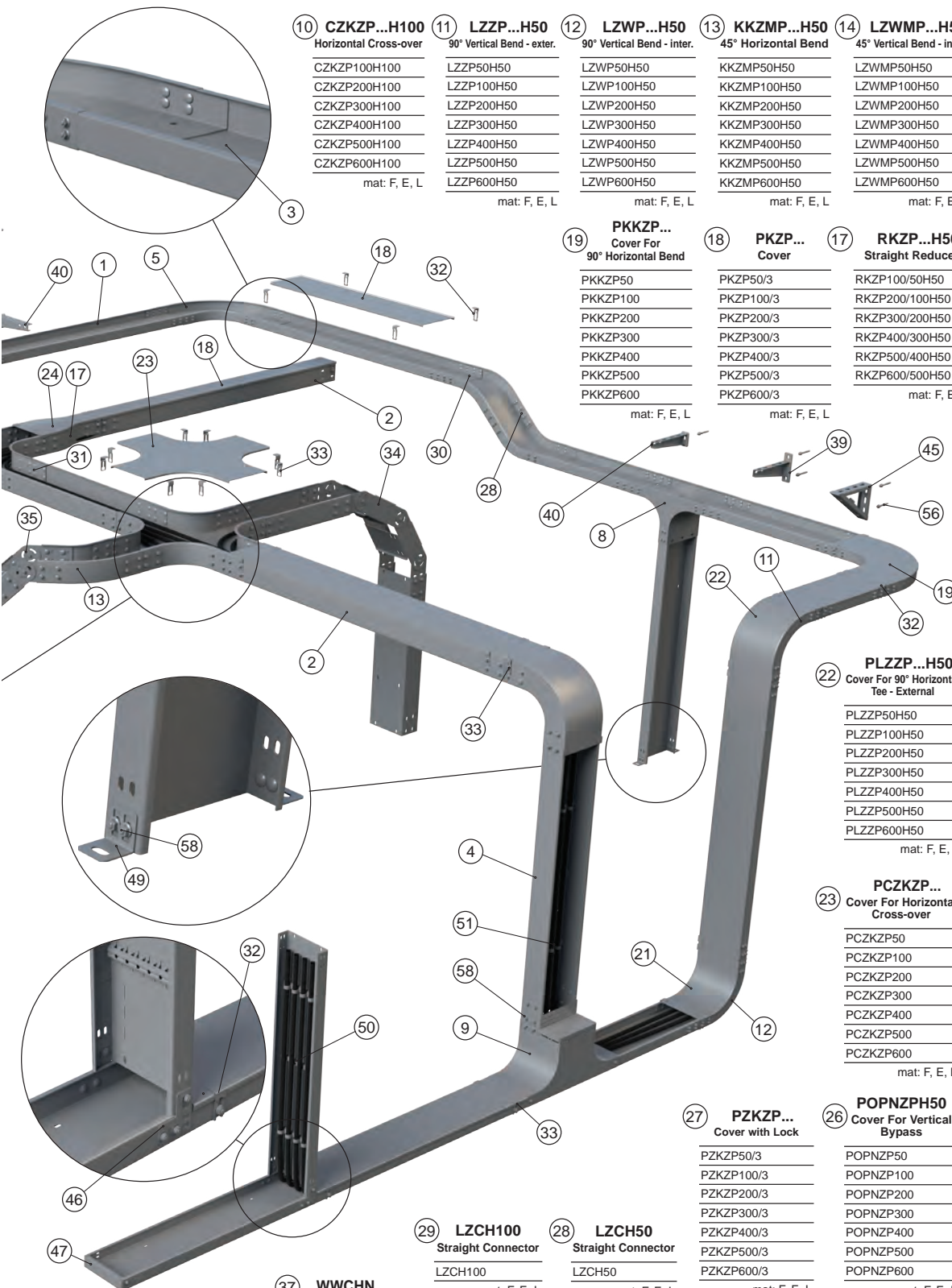
43 WPCW/WPCO...
Ceiling Bracket
 WPCW/WPCO200
 WPCW/WPCO300
 WPCW/WPCO400
 WPCW/WPCO500
 WPCW/WPCO600
 WPCW/WPCO700
 WPCW/WPCO800
 WPCW/WPCO900
 WPCW/WPCO1000
 WPCW/WPCO1100
 WPCW/WPCO1200
 WPCW/WPCO1500
 WPCW/WPCO2000
 mat: F, E, L

42 WPDH...N
Ceiling Bracket
 WPDH200N
 WPDH300N
 WPDH400N
 WPDH500N
 WPDH600N
 WPDH700N
 WPDH800N
 WPDH900N
 WPDH1000N
 WPDH1500N
 WPDH2000N
 WPDH3000N
 mat: F, L

41 WMC/WMCO...
Bracket
 WMC/WMCO100
 WMC/WMCO150
 WMC/WMCO200
 WMC/WMCO300
 WMC/WMCO400
 WMC/WMCO500
 WMC/WMCO600
 WMC0700
 WMC0800
 WMC0900
 WMC1000
 mat: F, E, L

40 WMCT...
Bracket
 WMCT100
 WMCT200
 WMCT300
 WMCT400
 WMCT500
 WMCT600
 WMCT700
 WMCT800
 WMCT900
 WMCT1000
 mat: F, E, L

Materials: S - Sendzimir method galvanised steel PN-EN 10346:2015-09 F - hot dip galvanised steel PN-EN ISO 1461:2023-02 FP - galvanised according to the zinc flake method PN-EN ISO 10683:2018-11 L - painting in standard RAL colour E - stainless steel MC - steel in Magnelis® coating G - electrolytic galvanizing PN-EN ISO 2081:2018-05



10 CZKZP...H100
Horizontal Cross-over

CZKZP100H100
CZKZP200H100
CZKZP300H100
CZKZP400H100
CZKZP500H100
CZKZP600H100

mat: F, E, L

11 LZPP...H50
90° Vertical Bend - exter.

LZPP50H50
LZPP100H50
LZPP200H50
LZPP300H50
LZPP400H50
LZPP500H50
LZPP600H50

mat: F, E, L

12 LZWP...H50
90° Vertical Bend - inter.

LZWP50H50
LZWP100H50
LZWP200H50
LZWP300H50
LZWP400H50
LZWP500H50
LZWP600H50

mat: F, E, L

13 KKZMP...H50
45° Horizontal Bend

KKZMP50H50
KKZMP100H50
KKZMP200H50
KKZMP300H50
KKZMP400H50
KKZMP500H50
KKZMP600H50

mat: F, E, L

14 LWMP...H50
45° Vertical Bend - inter.

LWMP50H50
LWMP100H50
LWMP200H50
LWMP300H50
LWMP400H50
LWMP500H50
LWMP600H50

mat: F, E, L

15 OPZZP...H50
Horizontal Bypass Right

OPZZP50H50
OPZZP100H50
OPZZP200H50
OPZZP300H50
OPZZP400H50
OPZZP500H50
OPZZP600H50

mat: F, E, L

19 PKKZP... Cover For 90° Horizontal Bend

PKKZP50
PKKZP100
PKKZP200
PKKZP300
PKKZP400
PKKZP500
PKKZP600

mat: F, E, L

18 PKZP... Cover

PKZP50/3
PKZP100/3
PKZP200/3
PKZP300/3
PKZP400/3
PKZP500/3
PKZP600/3

mat: F, E, L

17 RKZP...H50 Straight Reducer

RKZP100/50H50
RKZP200/100H50
RKZP300/200H50
RKZP400/300H50
RKZP500/400H50
RKZP600/500H50

mat: F, E, L

16 OPNZP...H50 Vertical Bypass

OPNZP50H50
OPNZP100H50
OPNZP200H50
OPNZP300H50
OPNZP400H50
OPNZP500H50
OPNZP600H50

mat: F, E, L

20 PTKZP... Cover For Horizontal Tee

PTKZP50
PTKZP100
PTKZP200
PTKZP300
PTKZP400
PTKZP500
PTKZP600

mat: F, E, L

22 PLZZP...H50 Cover For 90° Horizontal Tee - External

PLZZP50H50
PLZZP100H50
PLZZP200H50
PLZZP300H50
PLZZP400H50
PLZZP500H50
PLZZP600H50

mat: F, E, L

21 PLZWP...H50 Cover For 90° Horizontal Tee - Internal

PLZWP50H50
PLZWP100H50
PLZWP200H50
PLZWP300H50
PLZWP400H50
PLZWP500H50
PLZWP600H50

mat: F, E, L

23 PCZKZP... Cover For Horizontal Cross-over

PCZKZP50
PCZKZP100
PCZKZP200
PCZKZP300
PCZKZP400
PCZKZP500
PCZKZP600

mat: F, E, L

24 PRKZP... Cover For Straight Reducer

PRKZP100/50
PRKZP200/100
PRKZP300/200
PRKZP400/300
PRKZP500/400
PRKZP600/500

mat: F, E, L

27 PZKZP... Cover with Lock

PZKZP50/3
PZKZP100/3
PZKZP200/3
PZKZP300/3
PZKZP400/3
PZKZP500/3
PZKZP600/3

mat: F, E, L

26 POPNZPH50 Cover For Vertical Bypass

POPNZP50
POPNZP100
POPNZP200
POPNZP300
POPNZP400
POPNZP500
POPNZP600

mat: F, E, L

25 PZOLZZP... Cover For Horizont. Bypass with Lock

PZOLZZP50
PZOLZZP100
PZOLZZP200
PZOLZZP300
PZOLZZP400
PZOLZZP500
PZOLZZP600

mat: F, E, L

29 LZCH100 Straight Connector

LZCH100

mat: F, E, L

28 LZCH50 Straight Connector

LZCH50

mat: F, E, L

36 PSF55x50MC Head Plate

PSF55x50MC

mat: MC

34 LZLP...H50 Adjustable Vertical Bend

LZLP50H50
LZLP100H50
LZLP200H50
LZLP300H50
LZLP400H50
LZLP500H50
LZLP600H50

mat: F, E, L

32 ZAPD3 Cover Clamp

ZAPD3

mat: S, FP, E

31 LCC...H100 U-Shaped Connector

LCC100H100
LCC200H100
LCC300H100
LCC400H100
LCC500H100
LCC600H100

mat: F, E, L

30 LCC...H50 U-Shaped Connector

LCC50H50
LCC100H50
LCC200H50
LCC300H50
LCC400H50
LCC500H50
LCC600H50

mat: F, E, L

39 WWCN... Bracket

WWCN100
WWCN200
WWCN300
WWCN400
WWCN500
WWCN600

mat: F, E, L

38 WWSR... Bracket

WWSR50
WWSR100
WWSR150
WWSR200
WWSR300
WWSR400
WWSR500
WWSR600

mat: S, F, E, L

37 WWCHN... Bracket

WWCHN200
WWCHN300
WWCHN400
WWCHN500
WWCHN600
WWCHN700
WWCHN800
WWCHN900
WWCHN1000

mat: F, L

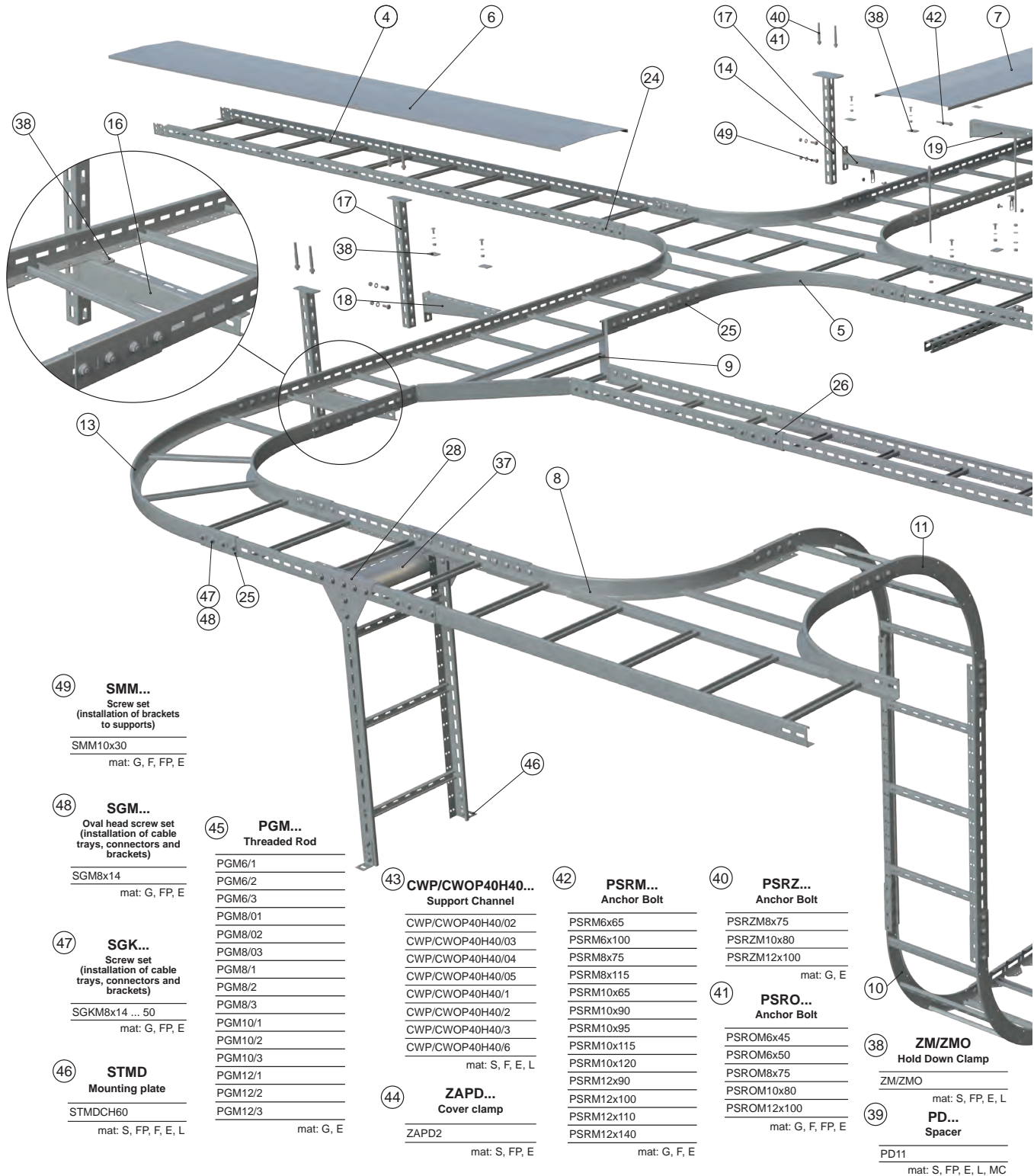
35 LZGCH50 Articulated Connector

LZGCH50

mat: F, L, E

Cable ladder system

1 DUD... Cable Ladder	2 DUP... Cable Ladder	3 DUC... Cable Ladder	4 DFP... Cable Ladder Click	5 CZD... Horizontal Cross-over	6 PZDD... Cover with lock	7 PDD... Cover
DUD100H60/3N DUD200H60/3N DUD300H60/3N DUD400H60/3N DUD500H60/3N DUD600H60/3N	DUP/DUOP100H60/3 DUP/DUOP200H60/3 DUP/DUOP300H60/3 DUP/DUOP400H60/3 DUP500H60/3 DUP600H60/3	DUC100H60/3 DUC200H60/3 DUC300H60/3 DUC400H60/3 DUC500H60/3 DUC600H60/3	DFP100H60/3 DFP200H60/3 DFP300H60/3 DFP400H60/3 mat: S, MC	CZDP/CZDOP100H60 CZDP/CZDOP200H60 CZDP/CZDOP300H60 CZDP/CZDOP400H60 CZDP/CZDOP500H60 CZDP/CZDOP600H60	PZDDP100/3 PZDDP200/3 PZDDP300/3 PZDDP400/3 PZDDP500/3 PZDDP600/3	PDDP100/3 PDDP200/3 PDDP300/3 PDDP400/3 PDDP500/3 PDDP600/3
mat: S, F, E, L	mat: S, F, E, L	mat: S, F, E, L		mat: S, F, E, L	mat: S, F, E, L	mat: S, F, E, L, MC



**49 SMM...
Screw set
(installation of brackets
to supports)**

SMM10x30
mat: G, F, FP, E

**48 SGM...
Oval head screw set
(installation of cable
trays, connectors and
brackets)**

SGM8x14
mat: G, FP, E

**47 SGK...
Screw set
(installation of cable
trays, connectors and
brackets)**

SGKM8x14 ... 50
mat: G, FP, E

**46 STMD
Mounting plate**

STMDCH60
mat: S, FP, F, E, L

**45 PGM...
Threaded Rod**

PGM6/1
PGM6/2
PGM6/3
PGM8/01
PGM8/02
PGM8/03
PGM8/1
PGM8/2
PGM8/3
PGM10/1
PGM10/2
PGM10/3
PGM12/1
PGM12/2
PGM12/3
mat: G, E

**43 CWP/CWOP40H40...
Support Channel**

CWP/CWOP40H40/02
CWP/CWOP40H40/03
CWP/CWOP40H40/04
CWP/CWOP40H40/05
CWP/CWOP40H40/1
CWP/CWOP40H40/2
CWP/CWOP40H40/3
CWP/CWOP40H40/6
mat: S, F, E, L

**44 ZAPD...
Cover clamp**

ZAPD2
mat: S, FP, E

**42 PSRM...
Anchor Bolt**

PSRM6x65
PSRM6x100
PSRM8x75
PSRM8x115
PSRM10x65
PSRM10x90
PSRM10x95
PSRM10x115
PSRM10x120
PSRM12x90
PSRM12x100
PSRM12x110
PSRM12x140
mat: G, F, E

**40 PSRZ...
Anchor Bolt**

PSRZM8x75
PSRZM10x80
PSRZM12x100
mat: G, E

**41 PSRO...
Anchor Bolt**

PSROM6x45
PSROM6x50
PSROM8x75
PSROM10x80
PSROM12x100
mat: G, F, FP, E

**38 ZM/ZMO
Hold Down Clamp**

ZM/ZMO
mat: S, FP, E, L

**39 PD...
Spacer**

PD11
mat: S, FP, E, L, MC

Materials: S - Sendzimir method galvanised steel PN-EN 10346:2015-09
 L - painting in standard RAL colour E - stainless steel
 F - hot dip galvanised steel PN-EN ISO 1461:2023-02
 MC - steel in Magnelis® coating
 FP - galvanised according to the zinc flake method PN-EN ISO 10683:2018-11
 G - electrolytic galvanizing PN-EN ISO 2081:2018-05

**8 TD...
Horizontal Tee**

TDP/TDOP100H60
TDP/TDOP200H60
TDP/TDOP300H60
TDP/TDOP400H60
TDP/TDOP500H60
TDP/TDOP600H60

mat: S, F, E, L, MC

**9 TDDP...
Add-on Tee**

TDDP100H60
TDDP200H60
TDDP300H60
TDDP400H60
TDDP500H60
TDDP600H60

mat: S, F, E, L, MC

**10 LPDW...
Vertical Bend - Internal**

LPDWP/LPDWOP100H60
LPDWP/LPDWOP200H60
LPDWP/LPDWOP300H60
LPDWP/LPDWOP400H60
LPDWP/LPDWOP500H60
LPDWP/LPDWOP600H60

mat: S, F, E, L

**11 LPDZ...
Vertical Bend - External**

LPDZP/LPDZOP100H60
LPDZP/LPDZOP200H60
LPDZP/LPDZOP300H60
LPDZP/LPDZOP400H60
LPDZP/LPDZOP500H60
LPDZP/LPDZOP600H60

mat: S, F, E, L

**12 LPDP...
Adjustable Vertical Bend**

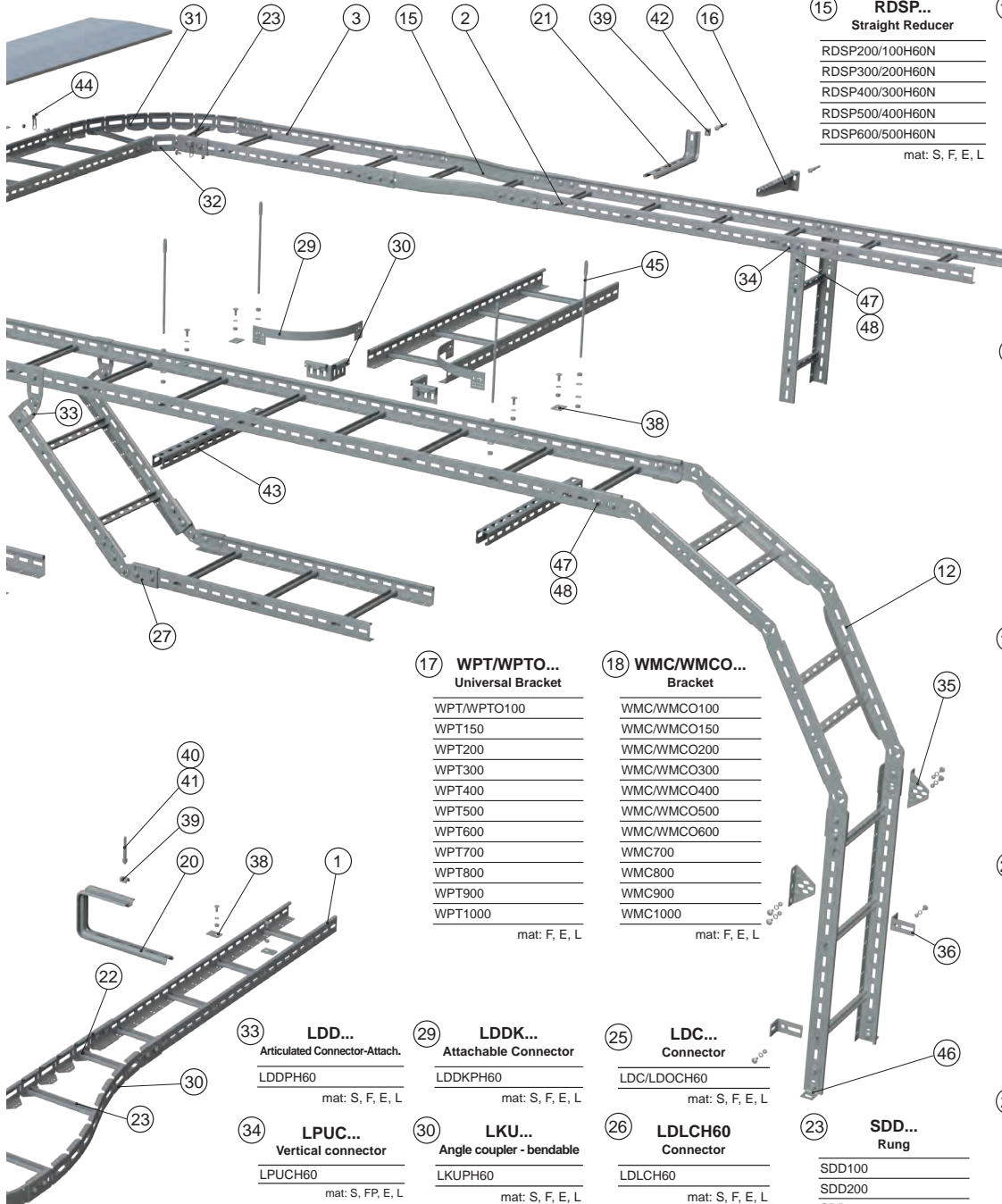
LPDP100H60N
LPDP200H60N
LPDP300H60N
LPDP400H60N
LPDP500H60N
LPDP600H60N

mat: S, F, E, L

**13 LD...
90° Horizontal Bend**

LDP/LDOP100H60
LDP/LDOP200H60
LDP/LDOP300H60
LDP/LDOP400H60
LDP/LDOP500H60
LDP/LDOP600H60

mat: S, F, E, L, MC



**15 RDSP...
Straight Reducer**

RDSP200/100H60N
RDSP300/200H60N
RDSP400/300H60N
RDSP500/400H60N
RDSP600/500H60N

mat: S, F, E, L

**14 WPCW/WPCO...
Ceiling Bracket**

WPCW/WPCO200
WPCW/WPCO300
WPCW/WPCO400
WPCW/WPCO500
WPCW/WPCO600
WPCW/WPCO700
WPCW/WPCO800
WPCW/WPCO900
WPCW/WPCO1000
WPCW/WPCO1100
WPCW/WPCO1200
WPCW/WPCO1500
WPCW/WPCO2000

mat: F, E, L

**16 WMCT...
Bracket**

WMCT100
WMCT200
WMCT300
WMCT400
WMCT500
WMCT600
WMCT700
WMCT800
WMCT900
WMCT1000

mat: F, E, L

**19 WWSR...
Bracket**

WWWWSR50
WWSR100
WWSR150
WWSR200
WWSR300
WWSR400
WWSR500
WWSR600

mat: S, F, E, L, MC

**20 WFC/WFCO...
Bracket**

WFC/WFCO100
WFC/WFCO150
WFC/WFCO200
WFC/WFCO300
WFC/WFCO400
WFC500
WFC600

mat: S, F, E, L, MC

**21 WFL/WFLO...
Bracket**

WFL/WFLO100
WFL/WFLO150
WFL/WFLO200
WFL/WFLO300
WFL/WFLO400
WFL/WFLO500
WFL600

mat: S, F, E, L

**22 NSZ...
Nit pop rivet**

NSZ6X10

mat: G

**17 WPT/WPTO...
Universal Bracket**

WPT/WPTO100
WPT150
WPT200
WPT300
WPT400
WPT500
WPT600
WPT700
WPT800
WPT900
WPT1000

mat: F, E, L

**18 WMC/WMCO...
Bracket**

WMC/WMCO100
WMC/WMCO150
WMC/WMCO200
WMC/WMCO300
WMC/WMCO400
WMC/WMCO500
WMC/WMCO600
WMC700
WMC800
WMC900
WMC1000

mat: F, E, L

**25 LDC...
Connector**

LDC/LDOCH60

mat: S, F, E, L

**26 LDLCH60
Connector**

LDLCH60

mat: S, F, E, L

**27 LGC/LGOC...
Articulated Connector**

LGC/LGOC60N

mat: S, F, E, L

**28 LPLS...
Vertical Connector - Light**

LPLS60

mat: S, F, E, L

**33 LDD...
Articulated Connector-Attach.**

LDDPH60

mat: S, F, E, L

**34 LPUC...
Vertical connector**

LPUCH60

mat: S, FP, E, L

**35 UTM/UTMO
Fastening Bracket**

UTM/UTMO

mat: S, F, E, L

**36 LCKD
Angle Bracket**

LCKD

mat: FP, F, E, L

**29 LDDK...
Attachable Connector**

LDDKPH60

mat: S, F, E, L

**30 LKU...
Angle coupler - bendable**

LKUPH60

mat: S, F, E, L

**31 LLUS...
Universal connector**

LLUSPH60

mat: S, F, E, L, MC

**32 LWU...
Internal connector**

LWUPH60

mat: S, F, E, L

**37 ZDKU...
Drop-Out Plate**

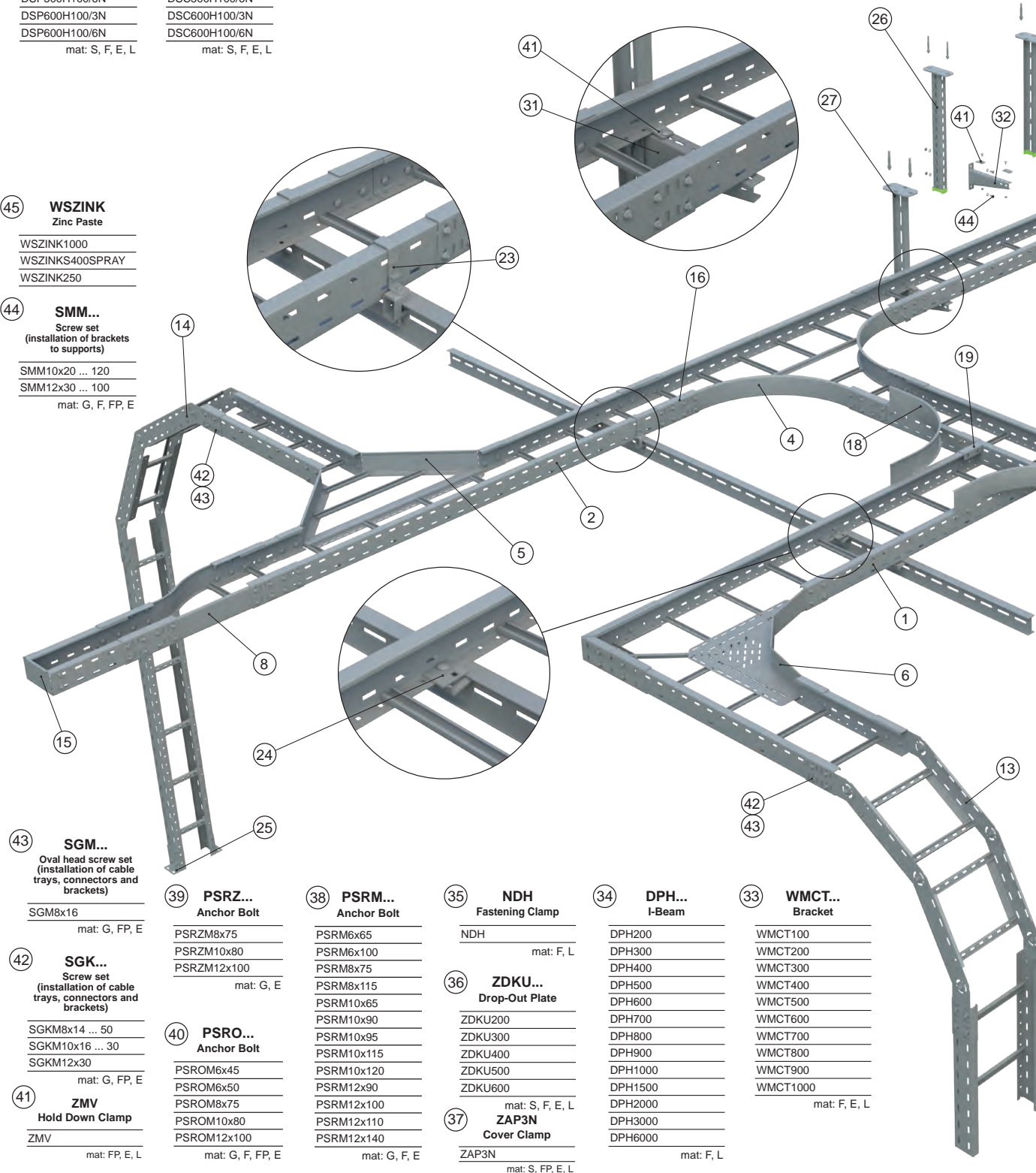
ZDKU200
ZDKU300
ZDKU400
ZDKU500
ZDKU600

mat: S, F, E, L

Long span cable ladder system

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---|-------------|-------------|-------------|-------------|-------------|---|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|--------------|--|-----------|-----------|-----------|-----------|-----------|-----------|---|-------------------|-------------------|-------------------|-------------------|
| <p>① DSP... Cable Ladder</p> <table border="0"> <tr><td>DSP200H100/3N</td></tr> <tr><td>DSP200H100/6N</td></tr> <tr><td>DSP300H100/3N</td></tr> <tr><td>DSP300H100/6N</td></tr> <tr><td>DSP400H100/3N</td></tr> <tr><td>DSP400H100/6N</td></tr> <tr><td>DSP500H100/3N</td></tr> <tr><td>DSP500H100/6N</td></tr> <tr><td>DSP600H100/3N</td></tr> <tr><td>DSP600H100/6N</td></tr> </table> <p>mat: S, F, E, L</p> | DSP200H100/3N | DSP200H100/6N | DSP300H100/3N | DSP300H100/6N | DSP400H100/3N | DSP400H100/6N | DSP500H100/3N | DSP500H100/6N | DSP600H100/3N | DSP600H100/6N | <p>② DSC... Cable Ladder</p> <table border="0"> <tr><td>DSC200H100/3N</td></tr> <tr><td>DSC200H100/6N</td></tr> <tr><td>DSC300H100/3N</td></tr> <tr><td>DSC300H100/6N</td></tr> <tr><td>DSC400H100/3N</td></tr> <tr><td>DSC400H100/6N</td></tr> <tr><td>DSC500H100/3N</td></tr> <tr><td>DSC500H100/6N</td></tr> <tr><td>DSC600H100/3N</td></tr> <tr><td>DSC600H100/6N</td></tr> </table> <p>mat: S, F, E, L</p> | DSC200H100/3N | DSC200H100/6N | DSC300H100/3N | DSC300H100/6N | DSC400H100/3N | DSC400H100/6N | DSC500H100/3N | DSC500H100/6N | DSC600H100/3N | DSC600H100/6N | <p>③ LDS... 90° Horizontal Bend</p> <table border="0"> <tr><td>LDSC200H100</td></tr> <tr><td>LDSC300H100</td></tr> <tr><td>LDSC400H100</td></tr> <tr><td>LDSC500H100</td></tr> <tr><td>LDSC600H100</td></tr> </table> <p>mat: S, F, E, L</p> | LDSC200H100 | LDSC300H100 | LDSC400H100 | LDSC500H100 | LDSC600H100 | <p>④ TDS... Horizontal Tee</p> <table border="0"> <tr><td>TDSC200H100N</td></tr> <tr><td>TDSC300H100N</td></tr> <tr><td>TDSC400H100N</td></tr> <tr><td>TDSC500H100N</td></tr> <tr><td>TDSC600H100N</td></tr> </table> <p>mat: S, F, E, L</p> | TDSC200H100N | TDSC300H100N | TDSC400H100N | TDSC500H100N | TDSC600H100N | <p>⑤ TDSU... Add-on Tee</p> <table border="0"> <tr><td>TDSUP200H100</td></tr> <tr><td>TDSUP300H100</td></tr> <tr><td>TDSUP400H100</td></tr> <tr><td>TDSUP500H100</td></tr> <tr><td>TDSUP600H100</td></tr> </table> <p>mat: S, F, E, L</p> | TDSUP200H100 | TDSUP300H100 | TDSUP400H100 | TDSUP500H100 | TDSUP600H100 | <p>⑥ LDDSC... Extension arch (set)</p> <table border="0"> <tr><td>LDDSCH100</td></tr> <tr><td>LDDSCH110</td></tr> <tr><td>LDDSCH120</td></tr> <tr><td>LDDSCH150</td></tr> <tr><td>LDDSCH160</td></tr> <tr><td>LDDSCH200</td></tr> </table> <p>mat: S, F, E, L</p> | LDDSCH100 | LDDSCH110 | LDDSCH120 | LDDSCH150 | LDDSCH160 | LDDSCH200 | <p>⑦ RSDS... Straight Reducer</p> <table border="0"> <tr><td>RSDSC300/200H100N</td></tr> <tr><td>RSDSC400/300H100N</td></tr> <tr><td>RSDSC500/400H100N</td></tr> <tr><td>RSDSC600/500H100N</td></tr> </table> <p>mat: S, F, E, L</p> | RSDSC300/200H100N | RSDSC400/300H100N | RSDSC500/400H100N | RSDSC600/500H100N |
| DSP200H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP200H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP300H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP300H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP400H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP400H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP500H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP500H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP600H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSP600H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC200H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC200H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC300H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC300H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC400H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC400H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC500H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC500H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC600H100/3N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSC600H100/6N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDSC200H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDSC300H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDSC400H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDSC500H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDSC600H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSC200H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSC300H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSC400H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSC500H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSC600H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSUP200H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSUP300H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSUP400H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSUP500H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TDSUP600H100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDDSCH200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSDSC300/200H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSDSC400/300H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSDSC500/400H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSDSC600/500H100N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- ④⑤ **WSZINK Zinc Paste**
- | |
|-----------------|
| WSZINK1000 |
| WSZINKS400SPRAY |
| WSZINK250 |
- ④④ **SMM... Screw set (installation of brackets to supports)**
- | |
|------------------|
| SMM10x20 ... 120 |
| SMM12x30 ... 100 |
- mat: G, F, FP, E



- ④③ **SGM... Oval head screw set (installation of cable trays, connectors and brackets)**
- | |
|---------|
| SGM8x16 |
|---------|
- mat: G, FP, E
- ④② **SGK... Screw set (installation of cable trays, connectors and brackets)**
- | |
|------------------|
| SGKM8x14 ... 50 |
| SGKM10x16 ... 30 |
| SGKM12x30 |
- mat: G, FP, E
- ④① **ZMV Hold Down Clamp**
- | |
|-----|
| ZMV |
|-----|
- mat: FP, E, L

- ③⑨ **PSRZ... Anchor Bolt**
- | |
|-------------|
| PSRZM8x75 |
| PSRZM10x80 |
| PSRZM12x100 |
- mat: G, E
- ④① **PSRO... Anchor Bolt**
- | |
|-------------|
| PSROM6x45 |
| PSROM6x50 |
| PSROM8x75 |
| PSROM10x80 |
| PSROM12x100 |
- mat: G, F, FP, E

- ③⑧ **PSRM... Anchor Bolt**
- | |
|------------|
| PSRM6x65 |
| PSRM6x100 |
| PSRM8x75 |
| PSRM8x115 |
| PSRM10x65 |
| PSRM10x90 |
| PSRM10x95 |
| PSRM10x115 |
| PSRM10x120 |
| PSRM12x90 |
| PSRM12x100 |
| PSRM12x110 |
| PSRM12x140 |
- mat: G, F, E

- ③⑤ **NDH Fastening Clamp**
- | |
|-----|
| NDH |
|-----|
- mat: F, L
- ③⑥ **ZDKU... Drop-Out Plate**
- | |
|---------|
| ZDKU200 |
| ZDKU300 |
| ZDKU400 |
| ZDKU500 |
| ZDKU600 |
- mat: S, F, E, L
- ③⑦ **ZAP3N Cover Clamp**
- | |
|-------|
| ZAP3N |
|-------|
- mat: S, FP, E, L

- ③④ **DPH... I-Beam**
- | |
|---------|
| DPH200 |
| DPH300 |
| DPH400 |
| DPH500 |
| DPH600 |
| DPH700 |
| DPH800 |
| DPH900 |
| DPH1000 |
| DPH1500 |
| DPH2000 |
| DPH3000 |
| DPH6000 |
- mat: F, L

- ③③ **WMCT... Bracket**
- | |
|----------|
| WMCT100 |
| WMCT200 |
| WMCT300 |
| WMCT400 |
| WMCT500 |
| WMCT600 |
| WMCT700 |
| WMCT800 |
| WMCT900 |
| WMCT1000 |
- mat: F, E, L

Materials: S - Sendzimir method galvanised steel PN-EN 10346:2015-09 F - hot dip galvanised steel PN-EN ISO 1461:2023-02 FP - galvanised according to the zinc flake method PN-EN ISO 10683:2018-11 L - painting in standard RAL colour E - stainless steel MC - steel in Magnelis® coating G - electrolytic galvanizing PN-EN ISO 2081:2018-05

**8 RLDS...
Left Reducer**

RLDSC300/200H100
RLDSC400/300H100
RLDSC500/400H100
RLDSC600/500H100

mat: S, F, E, L

**9 PDD...
Cover**

PDDP200/3
PDDP300/3
PDDP400/3
PDDP500/3
PDDP600/3

mat: S, F, E, L

**10 PZDDSC...
Cover with lock**

PZDDSC200/3
PZDDSC300/3
PZDDSC400/3
PZDDSC500/3
PZDDSC600/3

mat: S, F, E, L

**11 LZDSC...
90°Vertical Bend-External**

LZDSC200H100
LZDSC300H100
LZDSC400H100
LZDSC500H100
LZDSC600H100

mat: S, F, E, L

**12 LWZDSC...
90°Vertical Bend-Internal**

LWZDSC200H100
LWZDSC300H100
LWZDSC400H100
LWZDSC500H100
LWZDSC600H100

mat: S, F, E, L

**13 ELDSC...
Adjustable Vertical Bend Element**

ELDSC200H100
ELDSC300H100
ELDSC400H100
ELDSC500H100
ELDSC600H100

mat: S, F, E, L

**14 LLDS...
Adjustable Vertical Bend**

LLDSC200H100
LLDSC300H100
LLDSC400H100
LLDSC500H100
LLDSC600H100

mat: S, F, E, L

**15 ZKSJ...
Plug**

ZKSJ200H100
ZKSJ300H100
ZKSJ400H100
ZKSJ500H100
ZKSJ600H100

mat: S, F, E, L

**16 LSSU...
Straight connector**

LSSUCH100

mat: S, F, E, L

**17 LSUD...
Connector**

LSUDCH100

mat: S, F, E, L

**18 LDSUC...
Add-on connector**

LDSUCH100

mat: S, F, E, L

**19 LKU...
Angle coupler - bendable**

LKUSPH100

mat: S, F, E, L

**20 LUSH...
Universal Connector**

LUSH100

mat: S, F, E, L

**21 LGSUCH...
Articulated Connector**

LGSUCH100

mat: S, F, E, L

**22 LPUC...
Vertical Connector**

LPUCH100

mat: S, FP, E, L

**23 UDU1...
Universal Holder**

UDU1

mat: FP

**24 UDD...
Hold down clamp**

UDD

mat: FP

**25 STMD...
Mounting plate**

STMDTH100

mat: S, FP, E, L

**26 WPCE/WPCEO...
Ceiling Bracket**

WPCE/WPCEO200
WPCE/WPCEO300
WPCE/WPCEO400
WPCE/WPCEO500
WPCE/WPCEO600
WPCE/WPCEO700
WPCE/WPCEO800
WPCE/WPCEO900
WPCE/WPCEO1000
WPCE/WPCEO1100
WPCE/WPCEO1200
WPCE/WPCEO1500
WPCE/WPCEO2000
WPCE/WPCEO3000

mat: F, E, L

**27 WPDH...N
Ceiling Bracket**

WPDH200N
WPDH300N
WPDH400N
WPDH500N
WPDH600N
WPDH700N
WPDH800N
WPDH900N
WPDH1000N
WPDH1500N
WPDH2000N
WPDH3000N

mat: F, L

**28 WTRE...
Bracket**

WTRE200
WTRE300
WTRE400
WTRE500
WTRE600
WTRE700
WTRE800
WTRE900
WTRE1000
WTRE1100
WTRE1200
WTRE1300
WTRE1400
WTRE1500

mat: F, E, L

**29 WWCHN...
Bracket**

WWCHN200
WWCHN300
WWCHN400
WWCHN500
WWCHN600
WWCHN700
WWCHN800
WWCHN900
WWCHN1000

mat: F, L

**30 WWC...
Bracket**

WWC200
WWC300
WWC400
WWC500
WWC600
WWC700
WWC800
WWC900
WWC1000

mat: F, E, L

**31 WWV...
Bracket**

WWV200
WWV300
WWV400
WWV500
WWV600
WWV700
WWV800


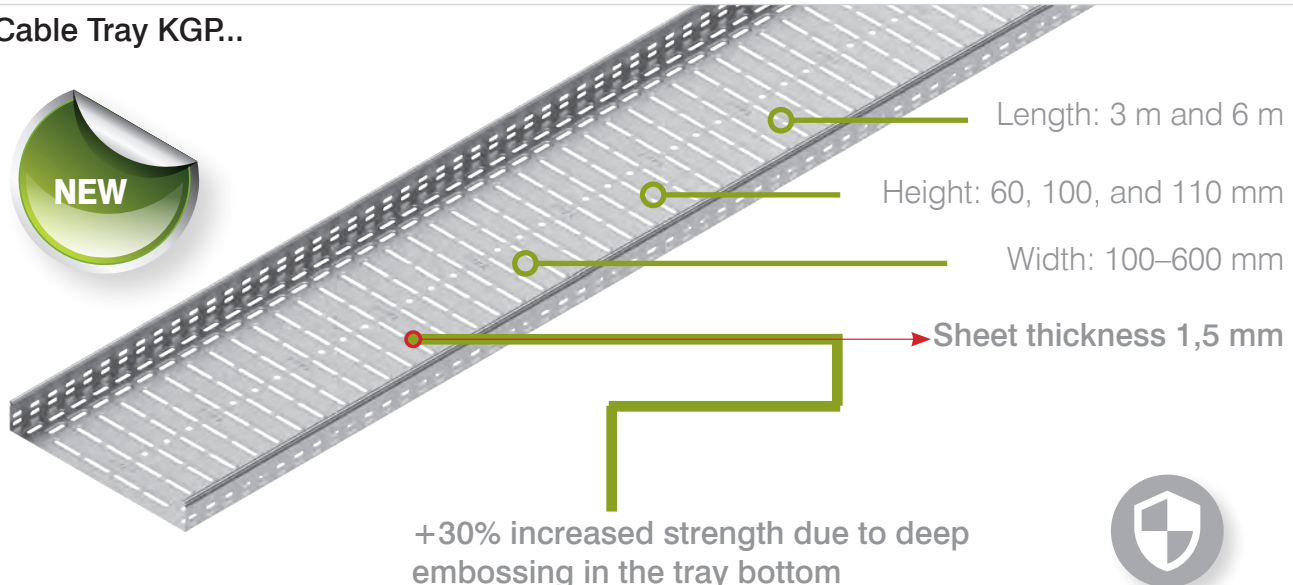
mat: F, E, L

**32 WWCN...
Bracket**

WWCN100
WWCN200
WWCN300
WWCN400
WWCN500
WWCN600


mat: F, E, L

Cable Tray KGP...


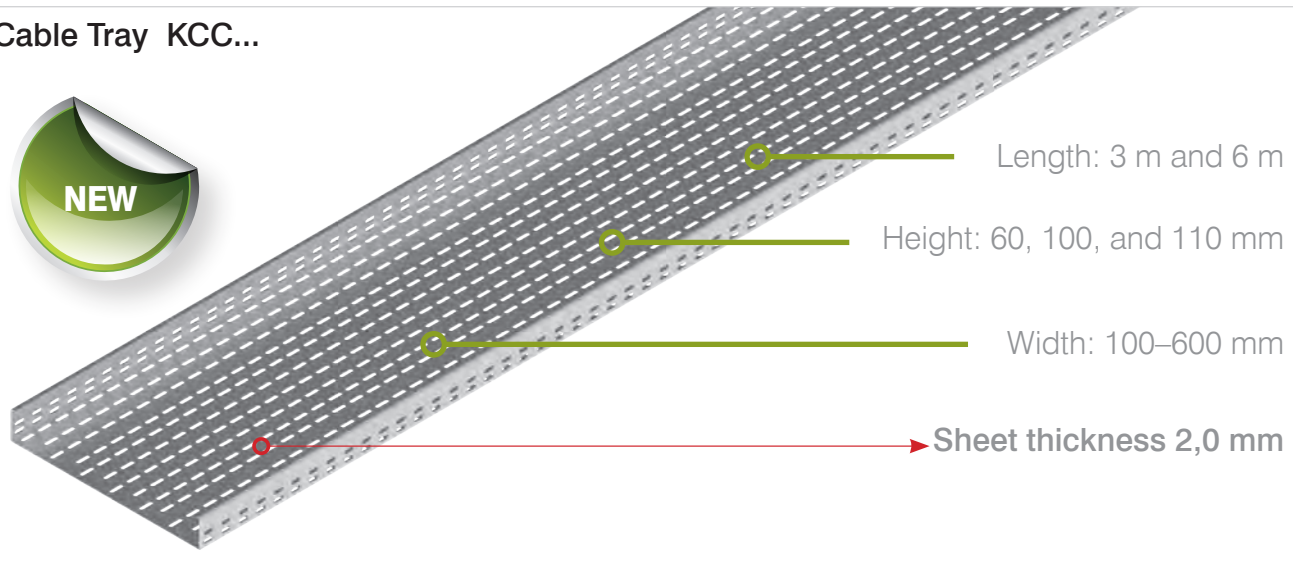



Length: 3 m and 6 m
 Height: 60, 100, and 110 mm
 Width: 100–600 mm
 Sheet thickness 1,5 mm

+30% increased strength due to deep embossing in the tray bottom


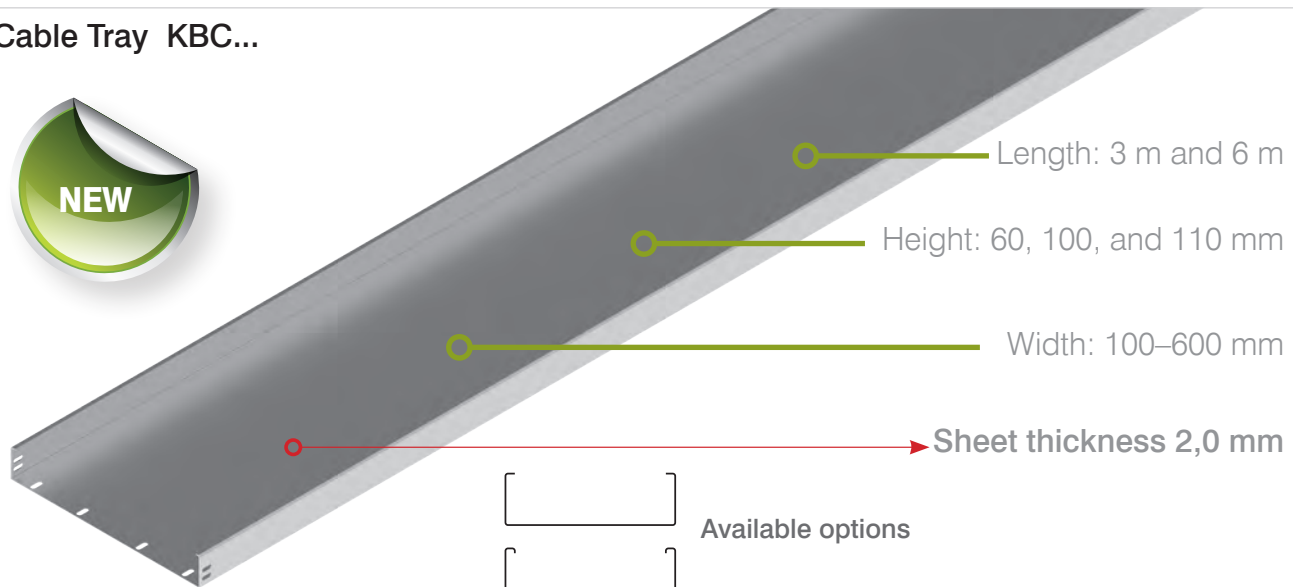


Cable Tray KCC...

Length: 3 m and 6 m
 Height: 60, 100, and 110 mm
 Width: 100–600 mm
 Sheet thickness 2,0 mm

Cable Tray KBC...

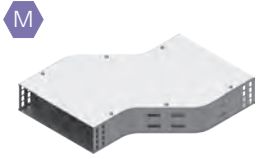



Length: 3 m and 6 m
 Height: 60, 100, and 110 mm
 Width: 100–600 mm
 Sheet thickness 2,0 mm

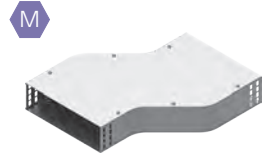
Available options

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

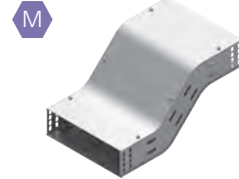
Horizontal Bypass OPZN...



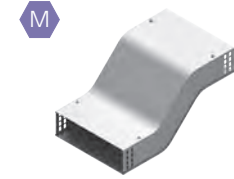
Horizontal Bypass OPZBN...



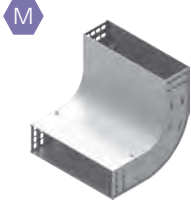
Vertical Bypass OPNN...



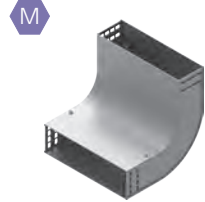
Vertical Bypass OPNBN...



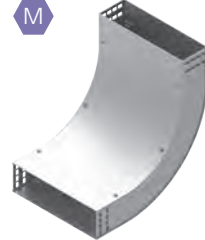
90° Vertical Bend LUN...



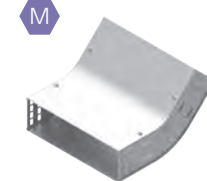
90° Vertical Bend LUBN...



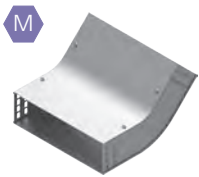
90° Vertical Bend LUPN...



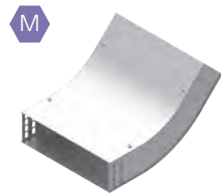
45° Vertical Bend LUMN...



45° Vertical Bend LUMBN...



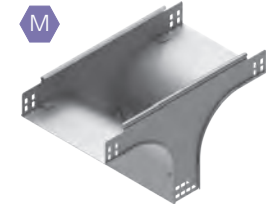
45° Vertical Bend LUMPN...



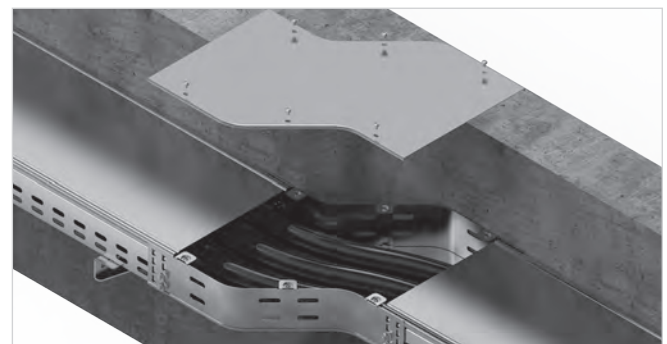
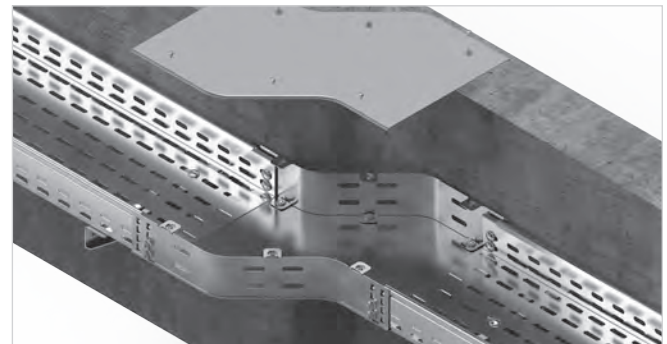
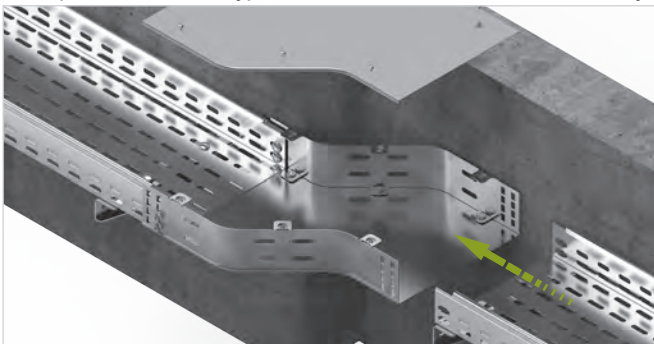
Tee - Lengthwise TRSN...



Tee - Lengthwise TRSBN...

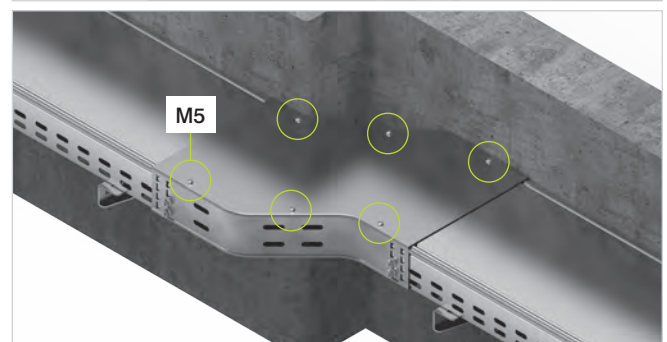


Example of horizontal bypass OPZNJ... installation with cable tray KCJ...



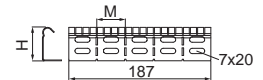
Advantages of the modernized fittings:

- easy and quick tool-free installation
- improved aesthetics
- extended straight sections of curves and bypasses facilitate the installation of trays with or without covers
- for trays with covers, no clips are required at connection points
- fitting covers have bends that simplify positioning during tightening
- stronger M5 screws for covers ensure reliable repeated assembly



Internal Modular Side

symbol	catalogue number	dimension H [mm]	fits:	weight 1 pc. [kg]	quantity per package [pcs.]
--------	------------------	------------------	-------	-------------------	-----------------------------



Material thickness = 1.0 mm

BMWH42	190301	44.2	H42	0.07	10
BMWH60	190302	62.2	H60	0.09	10
BMWH100	190303	102.2	H100	0.13	10

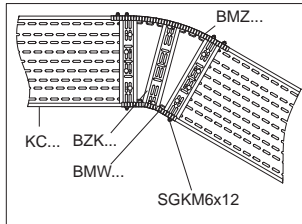
Use:

Independent fabrication of bends with any angle and a minimum internal radius.

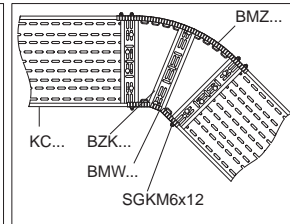
Additional information:

- independent fabrication of bends using BMZ, BM3000 and BZK or MDK components
- change the direction of the cable route in areas with limited space
- mounting with bolts SGKM6x12 or SGM6x12
- connect to straight cable tray sections by sliding the modular side and fastening with screw

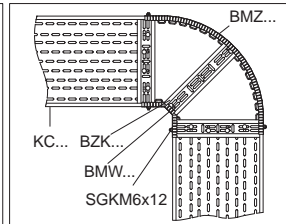
30°



45°

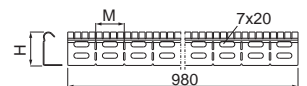


90°



External Modular Side

symbol	catalogue number	dimension H [mm]	fits:	weight 1 pc. [kg]	quantity per package [pcs.]
--------	------------------	------------------	-------	-------------------	-----------------------------



Material thickness = 1.0 mm

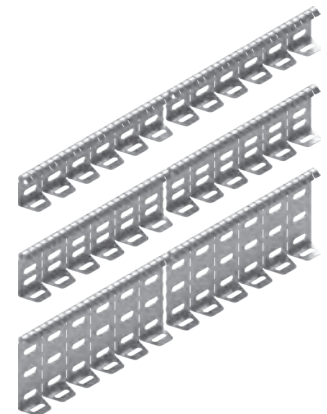
BMZH42	190304	44.2	H42	0.46	10
BMZH60	190305	62.2	H60	0.60	10
BMZH100	190306	102.2	H100	0.86	10

Use:

Independent fabrication of bends with any angle and bend radius, as well as reducers and horizontal bypasses.

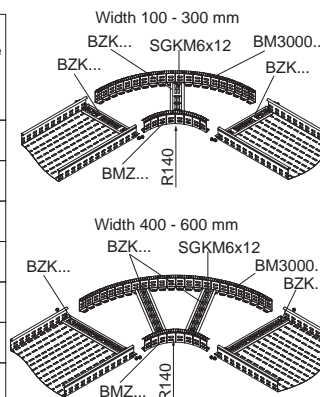
Additional information:

- independent fabrication of bends using BMZ, BM3000 and BZK or MDK components
- adjustment of the modular side length by breaking off the required number of moduls M
- mounting with bolts SGKM6x12 or SGM6x12
- connect to straight cable tray sections by sliding the modular side and fastening with screw



Selection table of components for self-assembly of a 90° bend using BM3000..., assuming: internal radius R = 140 mm (internal element length approx. 300 mm = 8 modules M).

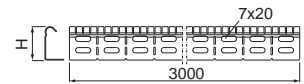
Bend width [mm]	R ext. [mm]	BM3000... length [mm]	Number of modules [pcs.]	Number of BZK... for bend installation	Number of SGKM6x12 screws required for bend installation	Number of BZK... at the bend-to-tray connection
100	240	453	12	1	2	2
150	290	529	14	1	2	2
200	340	604	16	1	2	2
300	440	755	20	1	2	2
400	540	906	24	2	4	2
500	640	1095	29	2	4	2
600	740	1246	33	2	4	2



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Modular Side **BM3000...** mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	fits:	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.0 mm

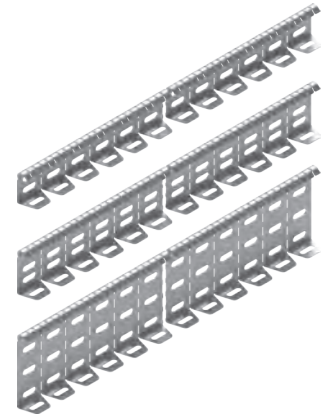
BM3000H42	190307	44.2	H42	1.40	10
BM3000H60	190308	62.2	H60	1.80	10
BM3000H100	190309	102.2	H100	2.00	10

Use:

Independent fabrication of bends with any angle and bend radius, as well as reducers and horizontal bypasses.

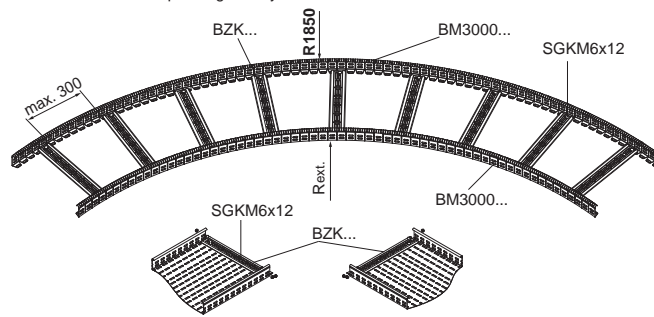
Additional information:

- independent fabrication of bends using BZK... or MDK...
- adjustment of the modular side length by breaking off the required number of modulus **M**
- mounting with bolts SGKM6x12 or SGM6x12
- connect to straight cable tray sections by sliding the modular side and fastening with screw



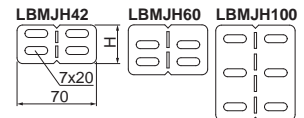
Parts selection table for self-assembly of a 90° bend using the full length of BM3000: 9 pcs BZK, 18 pcs SGKM6x12 for bend assembly, 2 pcs BZK at the bend-to-tray connection, additional SGKM6x12 depending on tray width

Bend width [mm]	R _{ext.} [mm]	BM3000... length [mm]	Number of modules [pcs.]
100	1750	2794	74
150	1700	2718	72
200	1650	2643	70
300	1550	2492	66
400	1450	2303	61
500	1350	2152	57
600	1250	2001	53



Modular Side Connector **LBMJ...** mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	fits:	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.0 mm

LBMJH42	135995	34	H42	0.01	10
LBMJH60	135996	44	H60	0.02	10
LBMJH100	135997	84	H100	0.05	10

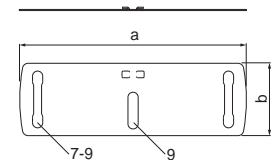
Use:

Connecting sections of modular sides.



Bend Base Module **MDK...** mat.: S option: F, E, L

symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.0 mm

MDK100	135990	100/65	0.06	100
MDK150	135991	150/65	0.06	100
MDK200	135992	200/65	0.09	100

Material thickness = 1.2 mm

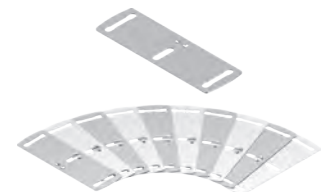
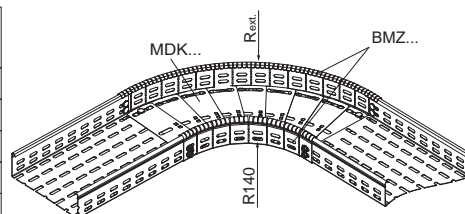
MDK300	135993	300/90	0.15	100
MDK400	135994	400/90	0.21	100

Use:

Independent fabrication of bends with any angle and horizontal offsets. For bend installation, use BMZ... or BM3000... modular sides

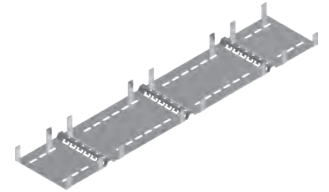
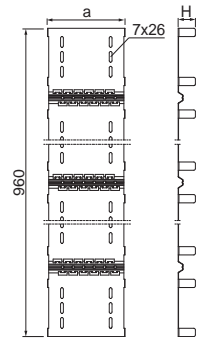
Parts selection table for self-assembly of a 90° bend using BMZ... or BM3000..., assuming an inner radius R = 140 mm (inner element length ~300 mm = 8 M modules)

Bend width [mm]	R _{ext.} [mm]	BMZ length [mm]	Number of modules [pcs.]	Number of MDK... for bend assembly
100	240	453	12	7xMDKJ100
150	290	529	14	8xMDKJ300
200	340	604	16	9xMDKJ200
300	440	755	20	8xMDKD300
400	540	906	24	9xMDKD400



Tray mounting insert for vertical cable installation WMK... mat.: S

symbol	catalogue number	dimension a/H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.0 mm				
WMK100H42	136900	96/37	0.80	1
WMK150H42	136901	146/37	1.20	1
WMK200H42	136902	195/37	1.60	1
WMK300H42	136903	295/37	2.40	1
WMK100H60	136904	96/55	0.80	1
WMK150H60	136906	146/55	1.20	1
WMK200H60	136907	195/55	1.60	1
WMK300H60	136908	295/55	2.40	1
WMK100H100	136909	96/95	0.80	1
WMK150H100	136911	146/95	1.20	1
WMK200H100	136912	195/95	1.60	1
WMK300H100	136913	295/95	2.40	1

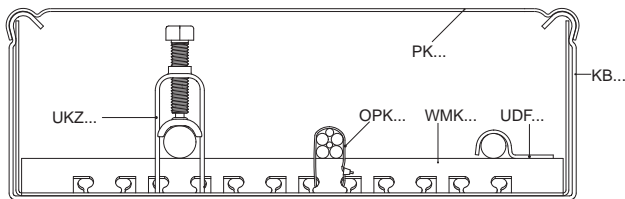


Use:

Mounting cables in a vertically guided tray using cable clamps or cable ties.

Additional information:

- holes in the bottom allow for additional securing of the insert in the tray by screwing it in place

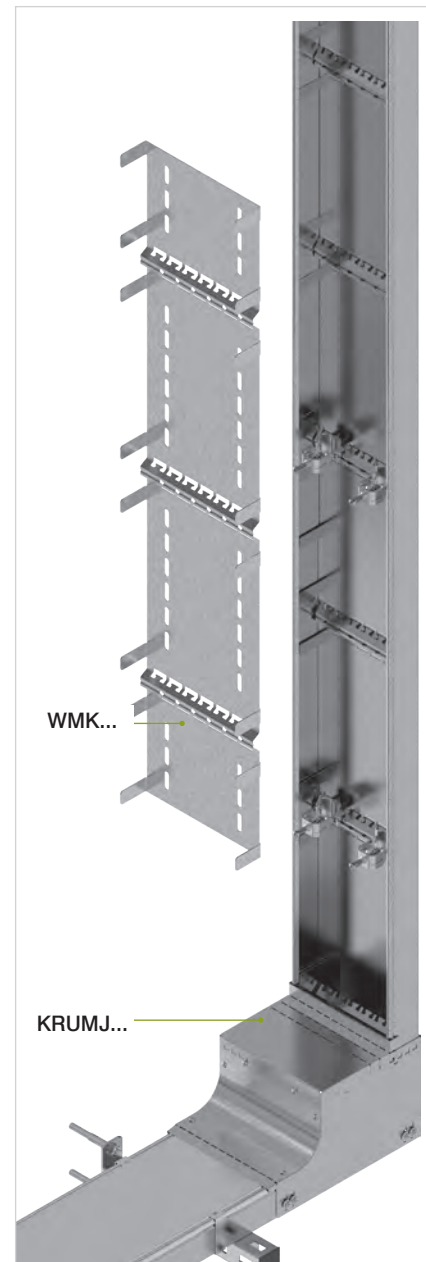


Cable installation options for the insert zamiast for the cartridge:



- A - Cable Tray
- B - Fixing elements
- K - Cable tray without cover
- K+P - Cable tray with cover

<	H42 (K+P)	H60 (K+P)	H100 (K+P)	H42-H100 (K)
B	UDF5 - UDF25	UDF5 - UDF42	UDF5 - UDF42	UDF5-UDF42
	UEF5 - UEF25	UEF5 - UEF42	UEF5 - UEF42	UEF5-42
	OPK..., OSK...	OPK..., OSK...	OPK..., OSK...	OPK..., OSK...
			UKZ1/UKZO1/8-12 - UKZ1/UKZO28-34	UKZ1/UKZO1/8-12 - UKZ1/UKZO1/64-70

Example of application of the WMK... mounting insert



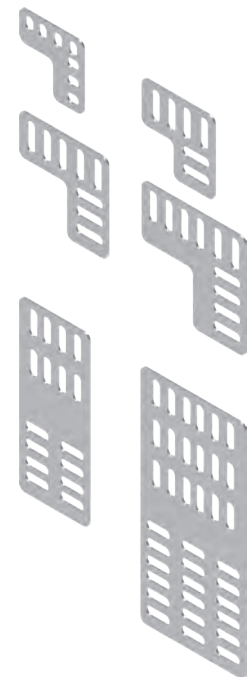
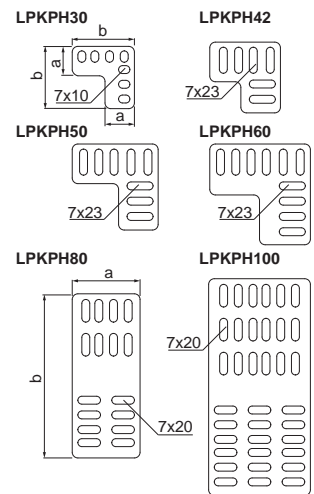
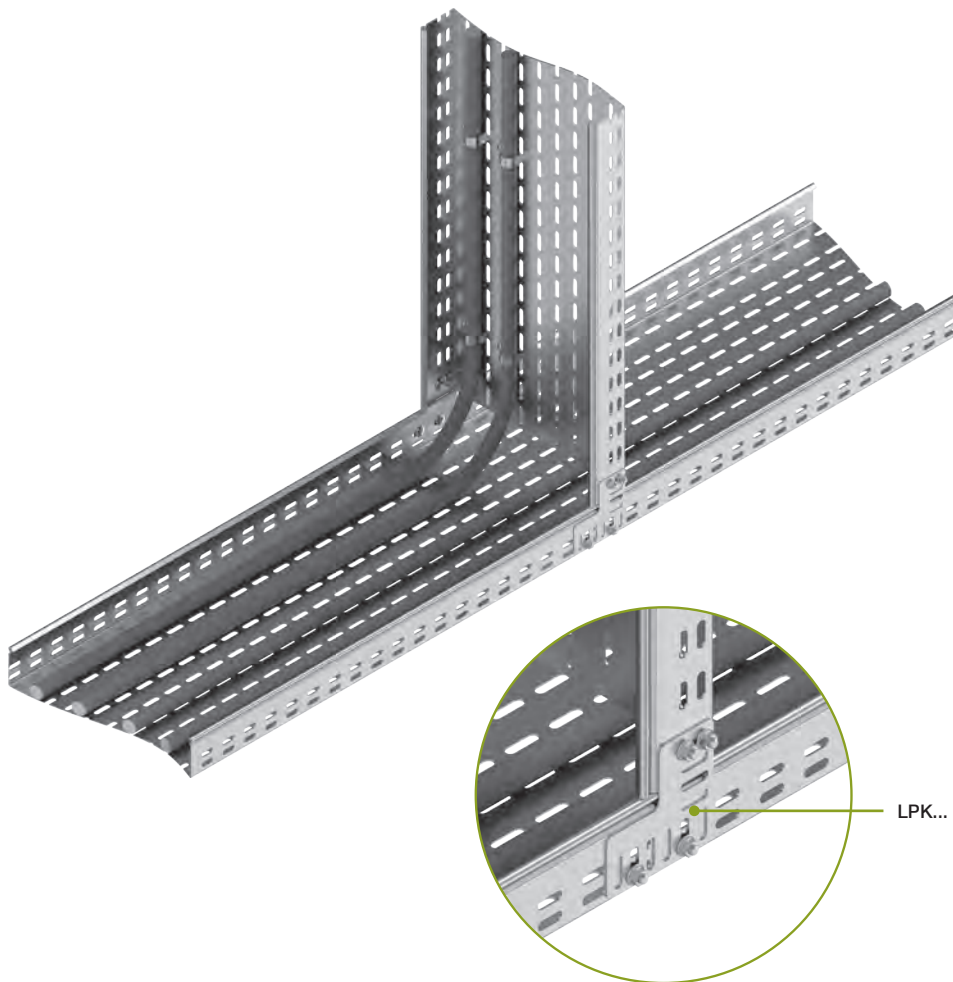
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Branching connector	LPKP...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	 
Material thickness = 1.5 mm					
LPKPH30	112070	26/55	0.03	2	
LPKPH42	112071	35/62.5	0.02	2	
LPKPH50	112072	35/76	0.04	2	
LPKPH60	112073	45/89	0.05	2	
LPKPH80	112074	60/145	0.08	2	
LPKPH100	112075	90/191.5	0.15	2	

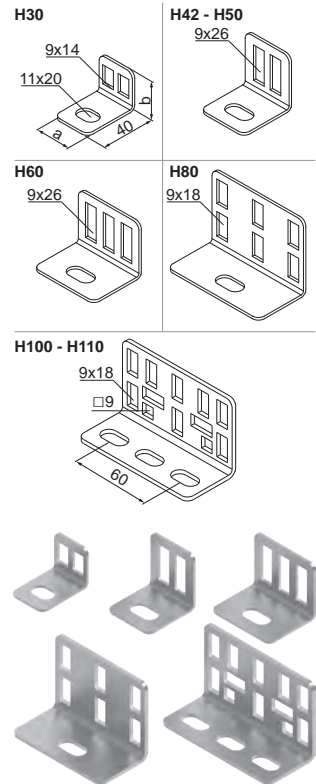
Use:
Branching at any point of a horizontal cable route, upwards or downwards.

- Additional information:**
- LPKPH100 - fits H100 and H110 cable trays
 - mounting with bolts SGKM6x12 or SGM6x12

Example of application of the branching connector LPK...



Base plate	STMK...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
STMKCH30	104990	28/28	0,02	2	
STMKCH50	104991	37/40	0,04	2	
STMKCH60	104992	51/40	0,05	2	
STMKCH80	104993	77/53	0,08	2	
Grubość materiału = 3,0 mm					
STMKTH100	104994	93/95	0.15	2	



Use:
Mounting cable trays vertically or horizontally to the substrate.

Additional information:

- STMKTH100 - fits H100 and H110 cable trays
- mounting with bolts SGKM6x14

Examples of application of the STMK Base plate



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Side Connector for Wire Mesh Trays **LBS** mat.: G option: FP, E, L

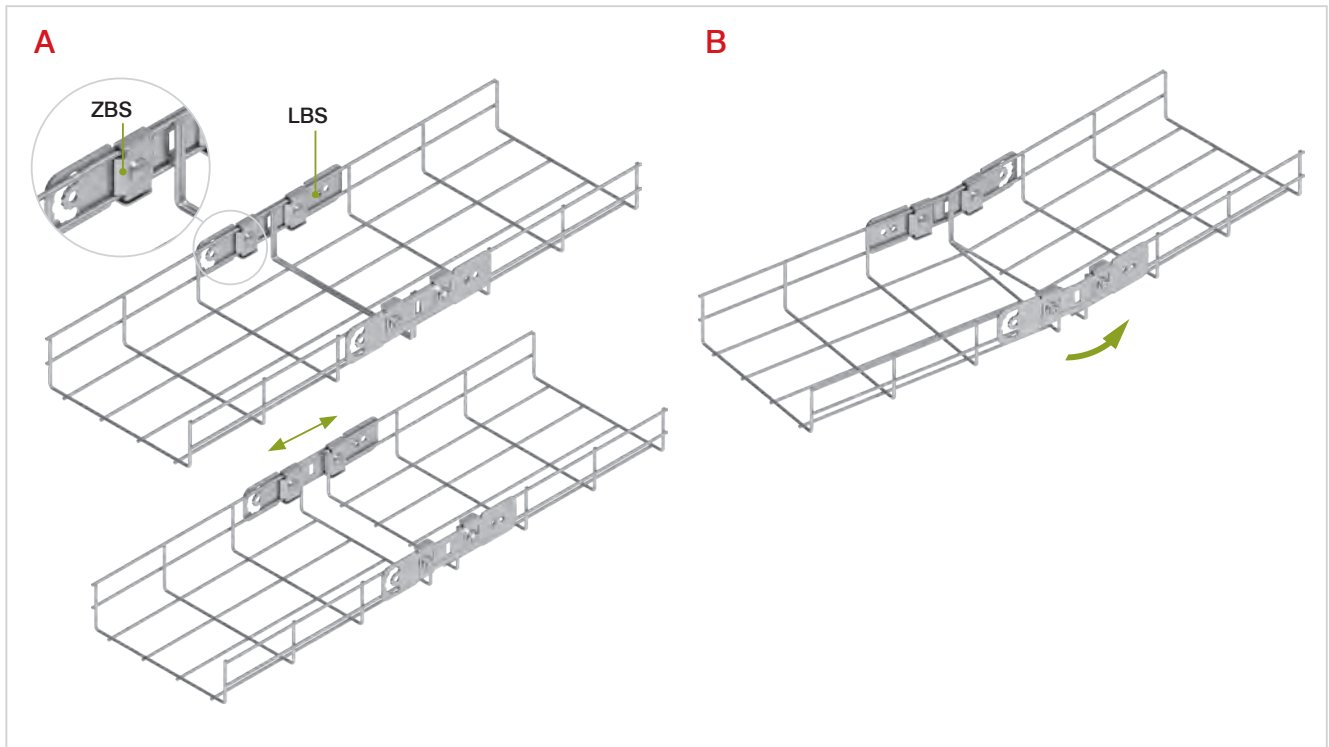
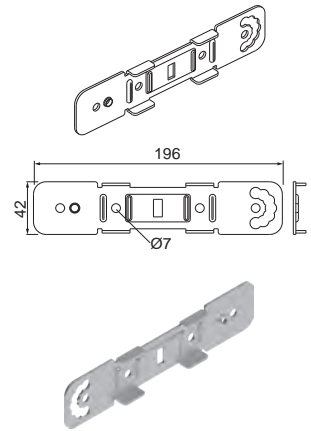
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm			
LBS	901807	0.12	10

Use:

Connecting wire mesh trays with a height of H60.

Additional information:

- 2 connection functions: straight (A) and angled (B)
- connection of wire mesh trays using ZBS clamps (not included in the set)
- straight connection (A) can be extended/adjusted



Side connector clamp **ZBS** mat.: G option: FP, E, L

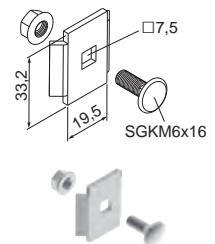
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
ZBS	901808	0.05	10

Use:

Connecting wire mesh trays using the LBS connector.

Additional information:

- screw included in the set





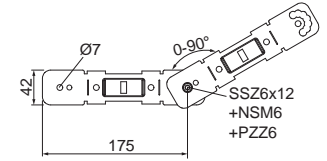
Articulated connector for wire mesh trays

LPBS

mat.: G

option: FP, E, L

symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm			
LPBS	901809	0.30	10

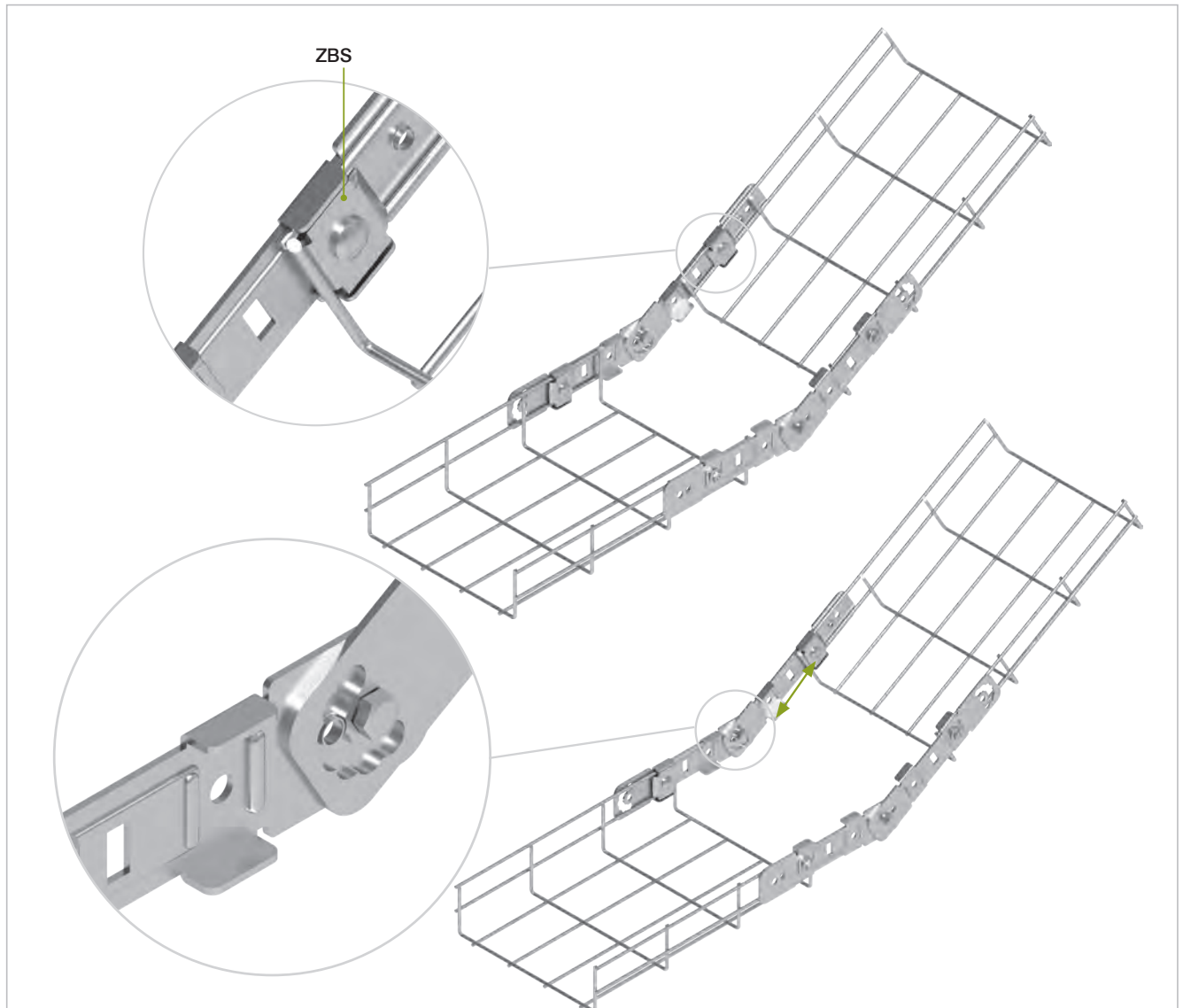


Use:

Connecting wire mesh trays with a height of H60.

Additional information:

- connection of wire mesh trays using ZBS clamps (not included in the set)
- connection can be extended/adjusted (within a limited range)

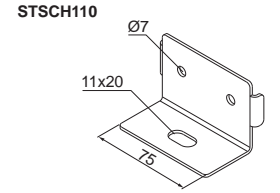
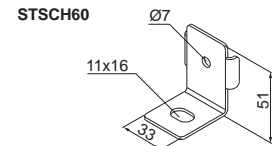




NEW PRODUCTS IN THE WIRE MESH TRAY SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Base plate	STSC...	mat.: G	option: FP, E, L
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm			
STSCH60	901893	0.05	2
STSCH110	901894	0.11	2

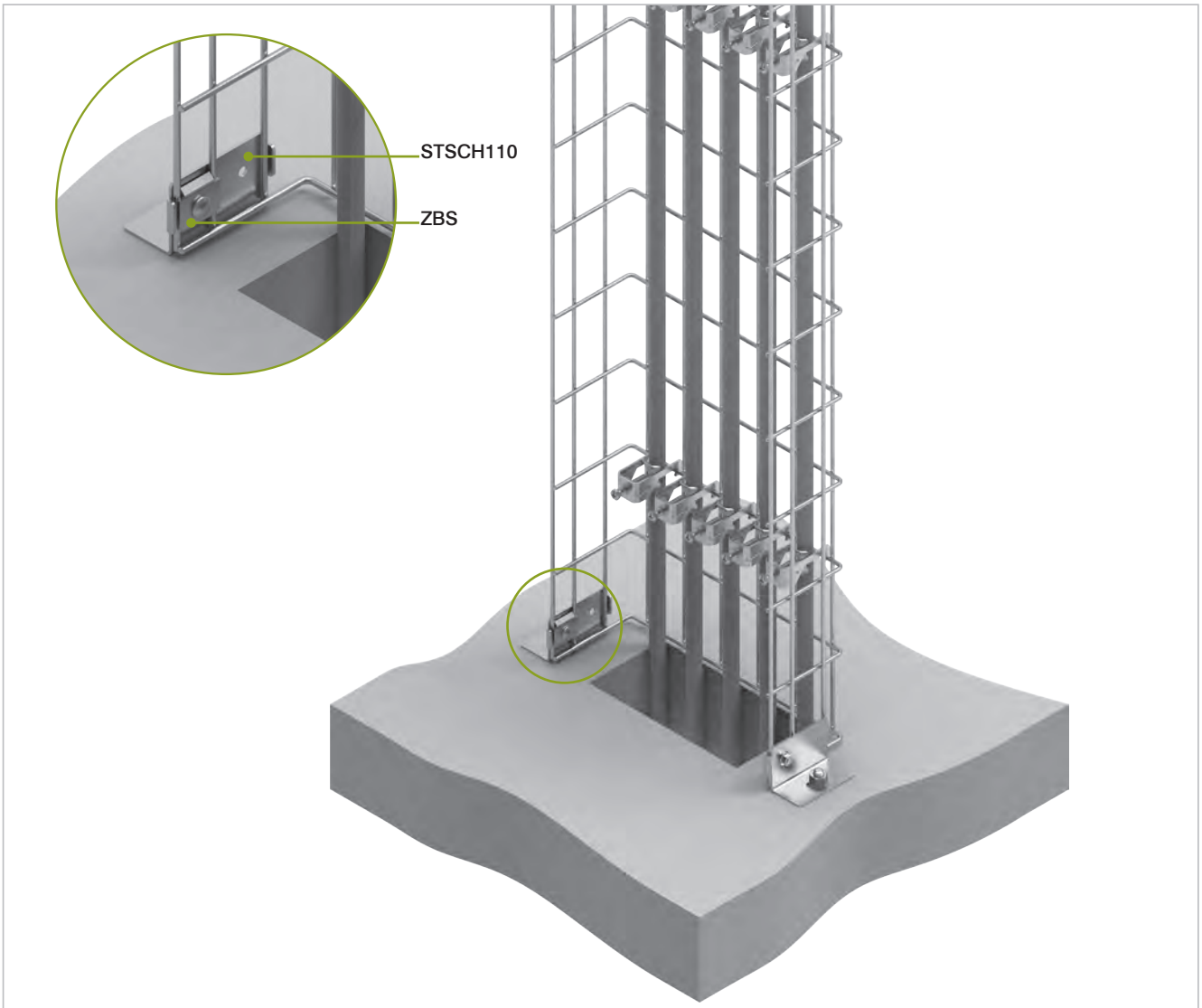


Use:

Vertical mounting of wire mesh trays to a surface.

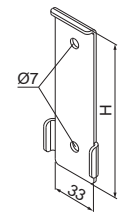
Additional information:

- installation of wire mesh trays using ZBS clamps (not included in the set)



Branching connector **LPSC...** mat.: G option: FP, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm				
LPSCH60	901891	114	0.08	2
LPSCH110	901892	164	0.09	2

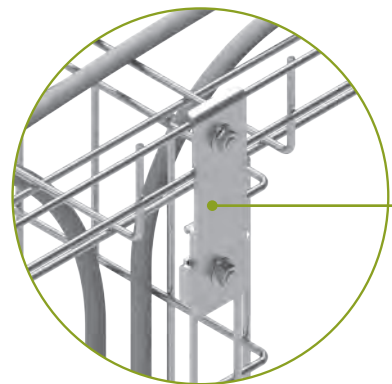
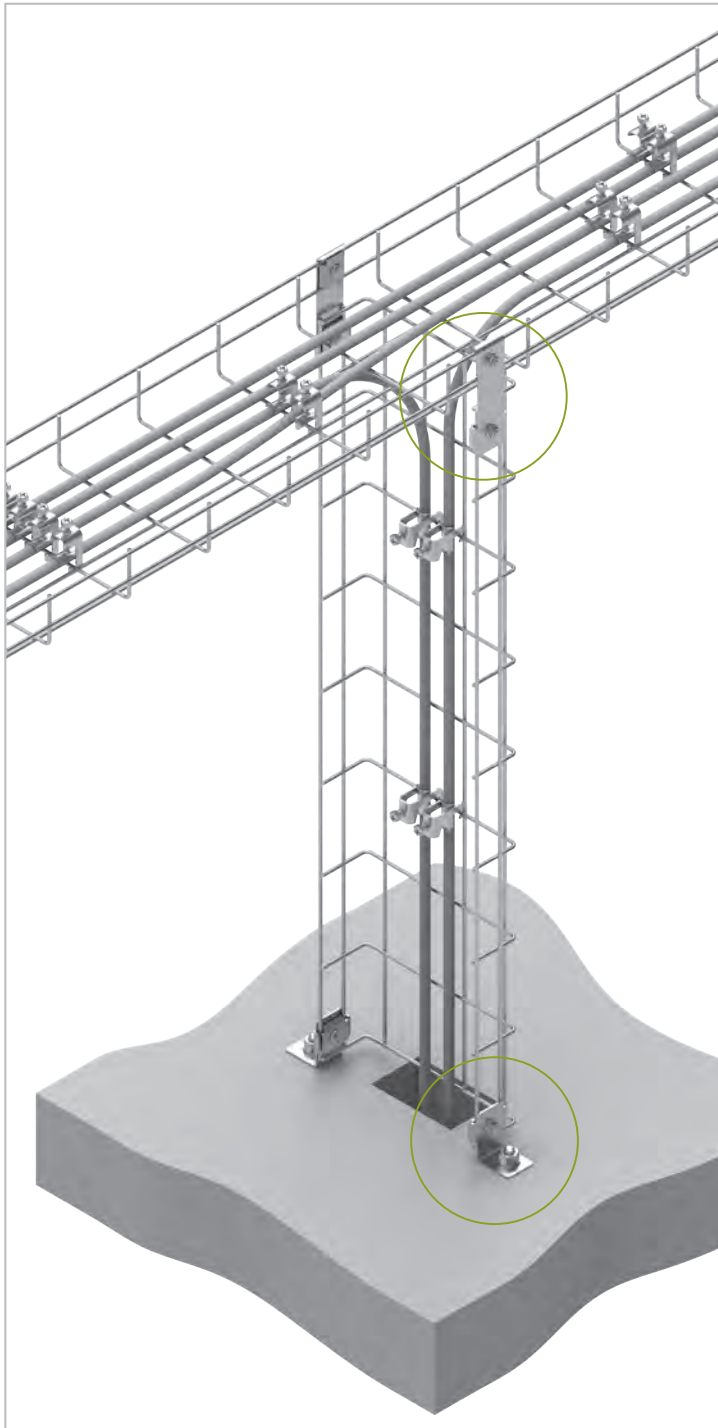


Use:

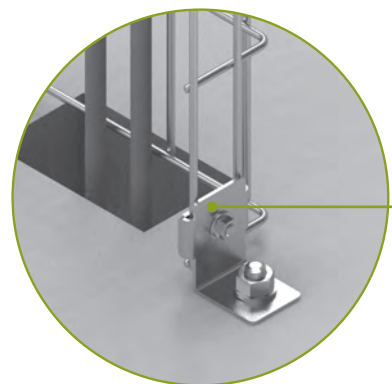
Branching at any point of a horizontal cable route, upwards or downwards.

Additional information:

- connection of wire mesh trays using ZBS clamps (not included in the set)
- LPSCH60 is suitable for wire mesh trays with heights H35 and H60



LPSC...



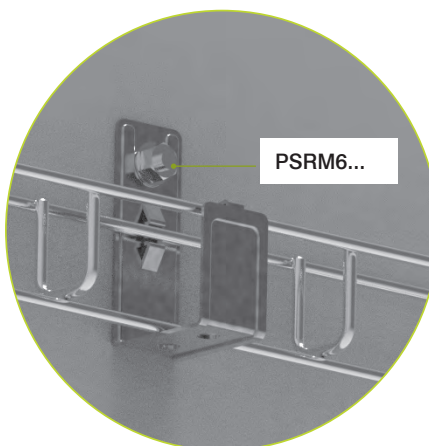
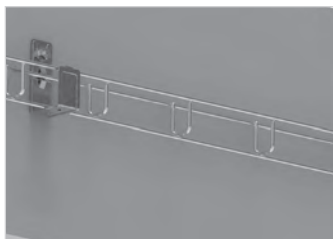
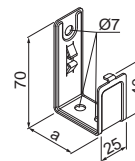
STSCH60

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Support Bracket	UBD...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm					
UBD35H35	910801	40	0.02	0.04	10
UBD50H35	910802	55	0.02	0.05	10

Use:
Mounting mesh trays 35H35 and 50H35 to the wall

Additional information:
– possibility to mount mesh trays 35H35 and 50H35 to the wall vertically or horizontally

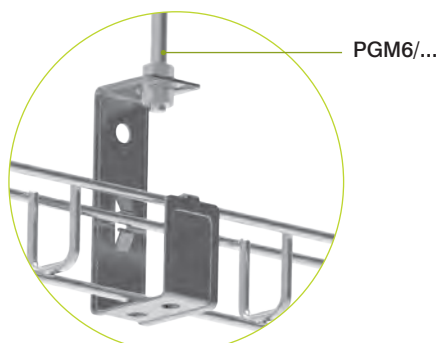
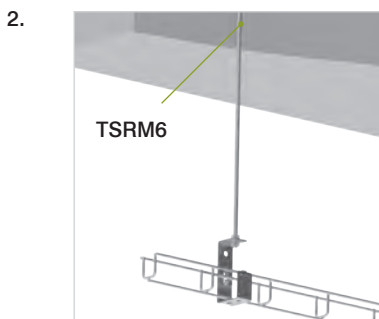
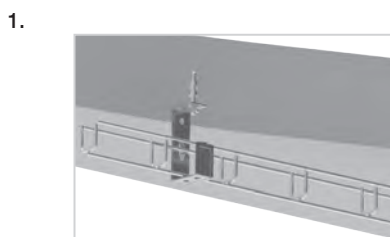
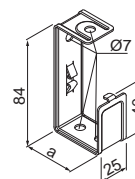


Support Bracket	UGD...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm					
UGD35H35	910803	40	0.02	0.05	10
UGD50H35	910804	55	0.02	0.06	10



Use:
Mounting mesh trays 35H35 and 50H35 to the wall or ceiling.

Additional information:
– mounting to ceiling directly (1) or using PGM6 rod... (2)



Short Angle Connector

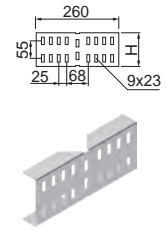
LKKSU...

mat.: S

opcja: F, E, L



symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness= 1,5 mm				
LKKSUPH100	220504	104	0,46	10
Material thickness= 2,0 mm				
LKKSUCH100	220505	105	0,61	10
Material thickness= 3,0 mm				
LKKSUTH100	220506	107	0,91	10
Material thickness= 1,5 mm				
LKKSUPH110	233305	114	0,49	10
Material thickness= 2,0 mm				
LKKSUCH110	233306	115	0,64	10
Material thickness= 1,5 mm				
LKKSUPH120	243305	124	0,52	10
Material thickness= 2,0 mm				
LKKSUCH120	243306	125	0,69	10
Material thickness= 1,5 mm				
LKKSUPH150	273305	154	0,60	10
Material thickness= 2,0 mm				
LKKSUCH150	273306	155	0,81	10
Material thickness= 3,0 mm				
LKKSUTH150	273307	157	1,21	10
Material thickness= 2,0 mm				
LKKSUCH160	270617	165	0,64	10
Material thickness= 2,0 mm				
LKKSUCH200	290504	205	1,01	10
Material thickness= 3,0 mm				
LKKSUTH200	290505	207	1,51	10



Use:

Connecting trays and self-supporting ladders led at different angles.

Additional information:

- joining ladders without cutting using two angle connectors: short LKKSU... and long LKSU... (800 mm)
- large angle adjustment range (reduces connection cost)
- joining ladders without cutting using two short LKKSU... angle connectors
- small angle adjustment range (reduces connection cost)
- joining ladders with cutting of the inner ladder side using two short LKKSU... angle connectors
- large angle adjustment range (reduces connection cost)
- for installation, we recommend 4 sets of SGKM8x16 or SGM8x16 bolts

Angle Connector

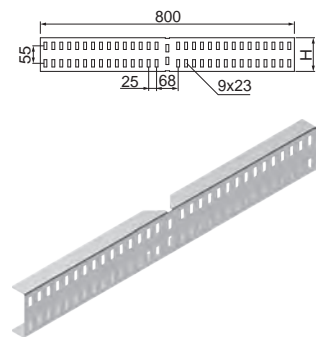
LKSU...

mat.: S

opcja: F, E, L



symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness= 1,5 mm				
LKSUPH100	221502	104	1,48	10
Material thickness= 2,0 mm				
LKSUCH100	220502	105	1,97	10
Material thickness= 3,0 mm				
LKSUTH100	220503	107	3,00	10
Material thickness= 1,5 mm				
LKSUPH110	233302	114	1,58	10
Material thickness= 2,0 mm				
LKSUCH110	230502	115	2,10	10
Material thickness= 1,5 mm				
LKSUPH120	243302	124	1,66	10
Material thickness= 2,0 mm				
LKSUCH120	240502	125	2,21	10
Material thickness= 1,5 mm				
LKSUPH150	273302	154	1,92	10
Material thickness= 2,0 mm				
LKSUCH150	270502	155	2,56	10
Material thickness= 3,0 mm				
LKSUTH150	270503	157	3,89	10
Material thickness= 2,0 mm				
LKSUCH160	270616	165	2,72	10
Material thickness= 2,0 mm				
LKSUCH200	290502	205	3,22	10
Material thickness= 3,0 mm				
LKSUTH200	290503	207	4,83	10



Use:

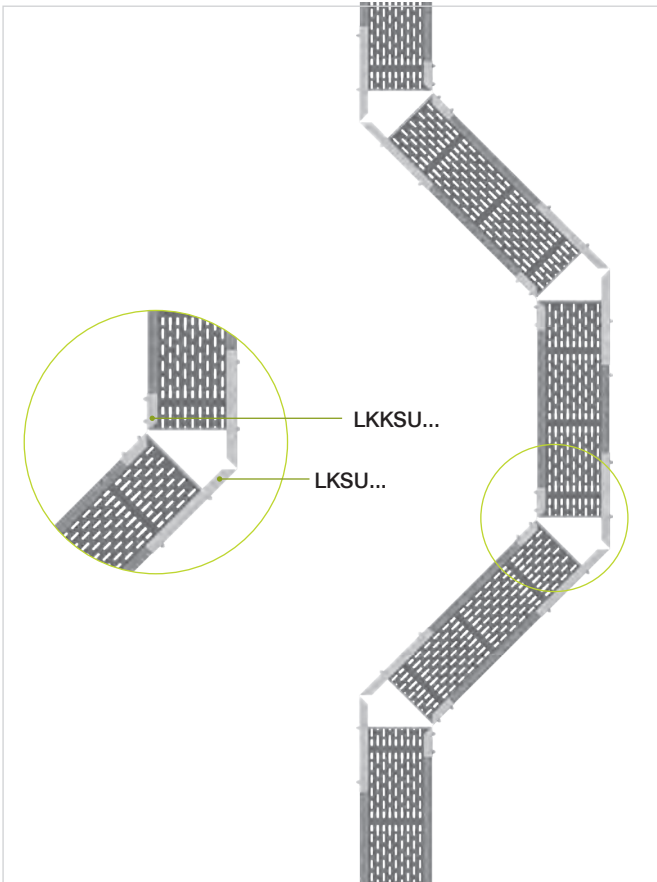
Connecting trays and self-supporting ladders led at different angles.

Additional information:

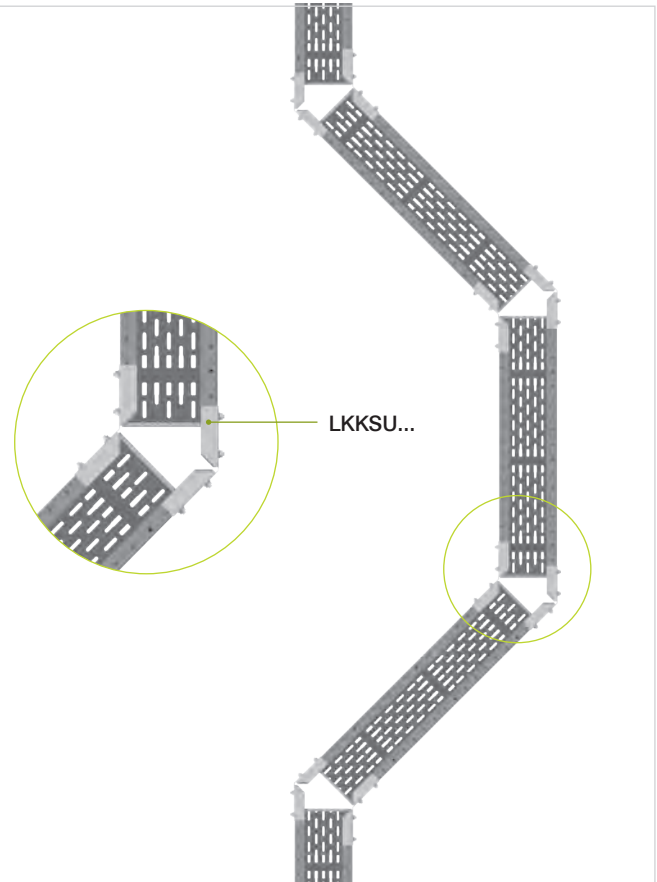
- universal connector for self-supporting trays and ladders
- for mounting, we offer 12 sets of SGKM8x16 or SGM8x16 bolts

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

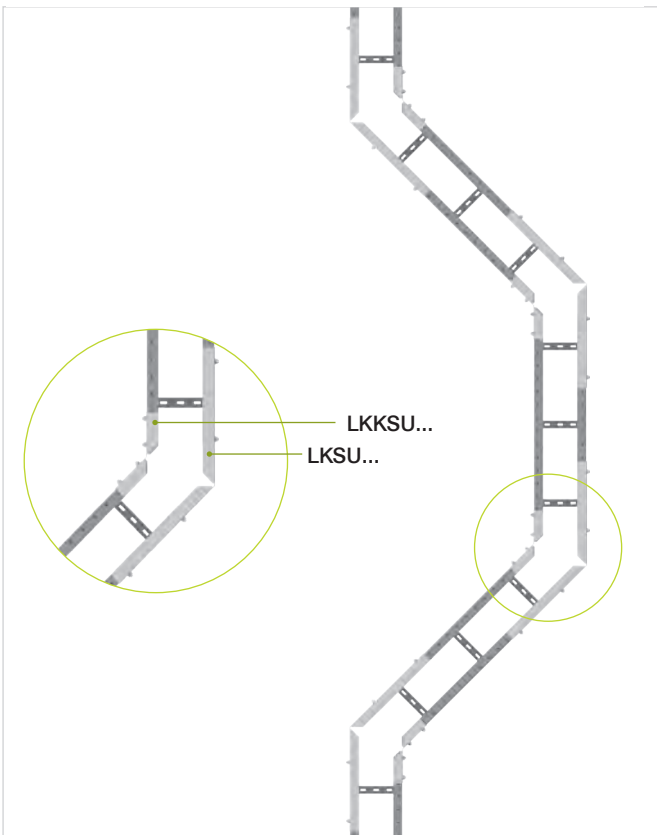
Example of using LKSU... and LKKSU... angle connectors with KS... self-supporting cable tray



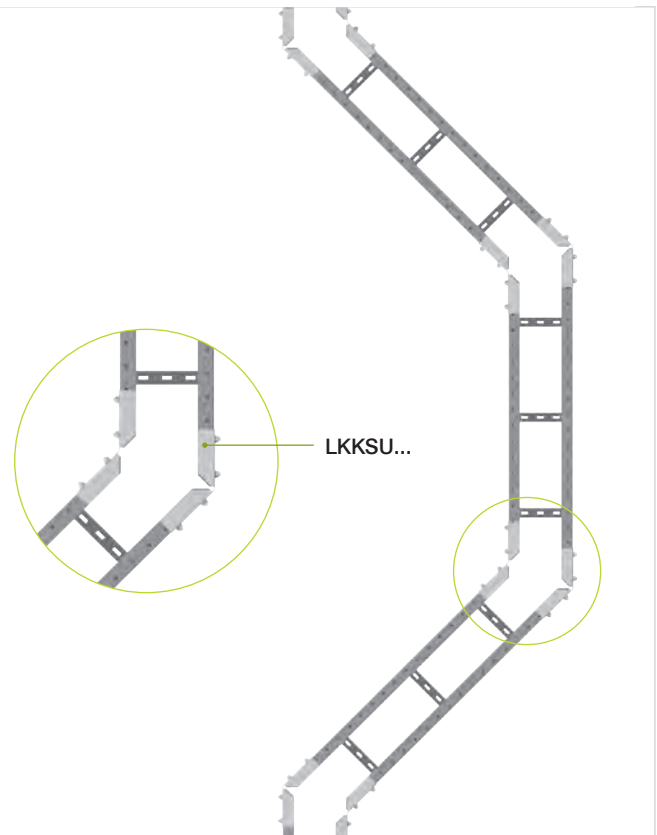
Example of using LKKSU... angle connectors with KS... self-supporting cable tray



Example of using LKSU... and LKKSU... angle connectors with DS... self-supporting ladder



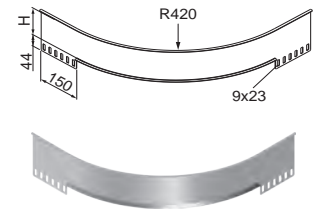
Example of using LKKSU... angle connectors with DS... self-supporting ladder





Attachable Connector **LDSU...** mat.: S option: F, E, L

symbol catalogue number dimension H [mm] weight 1 pc. [kg] quantity per package [pcs.]



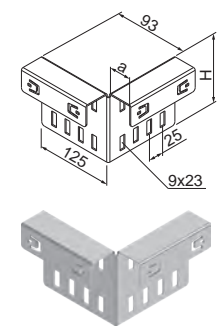
Material thickness = 1.5 mm					
LDSUPH100	206013	100	1.01	2	
LDSUPH110	206014	110	1.08	2	
LDSUPH120	206015	120	1.16	2	
LDSUPH150	206016	150	1.40	2	
LDSUPH160	206017	160	1.49	2	
LDSUPH200	206018	200	1.80	2	
Material thickness = 2.0 mm					
LDSUCH100	206019	100	1.34	2	
LDSUCH110	206020	110	1.44	2	
LDSUCH120	206021	120	1.55	2	
LDSUCH150	206022	150	1.87	2	
LDSUCH160	206023	160	1.98	2	
LDSUCH200	206024	200	2.40	2	

Use:
Branching anywhere in an already existing cable route.
Protection against slipping of cables from the route during pulling and use.

- Additional information:**
- stable and fast mounting anywhere in the self-supporting tray or self-supporting ladder without drilling holes
 - universal component – suitable for various heights of self-supporting trays and ladders, depending on cable diameter
 - SGK8x16 or SGM8x16 bolts are required for assembly

Angle Connector **LKUS...** mat.: S option: F, E, L

symbol catalogue number dimension H [mm] Internal dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.]

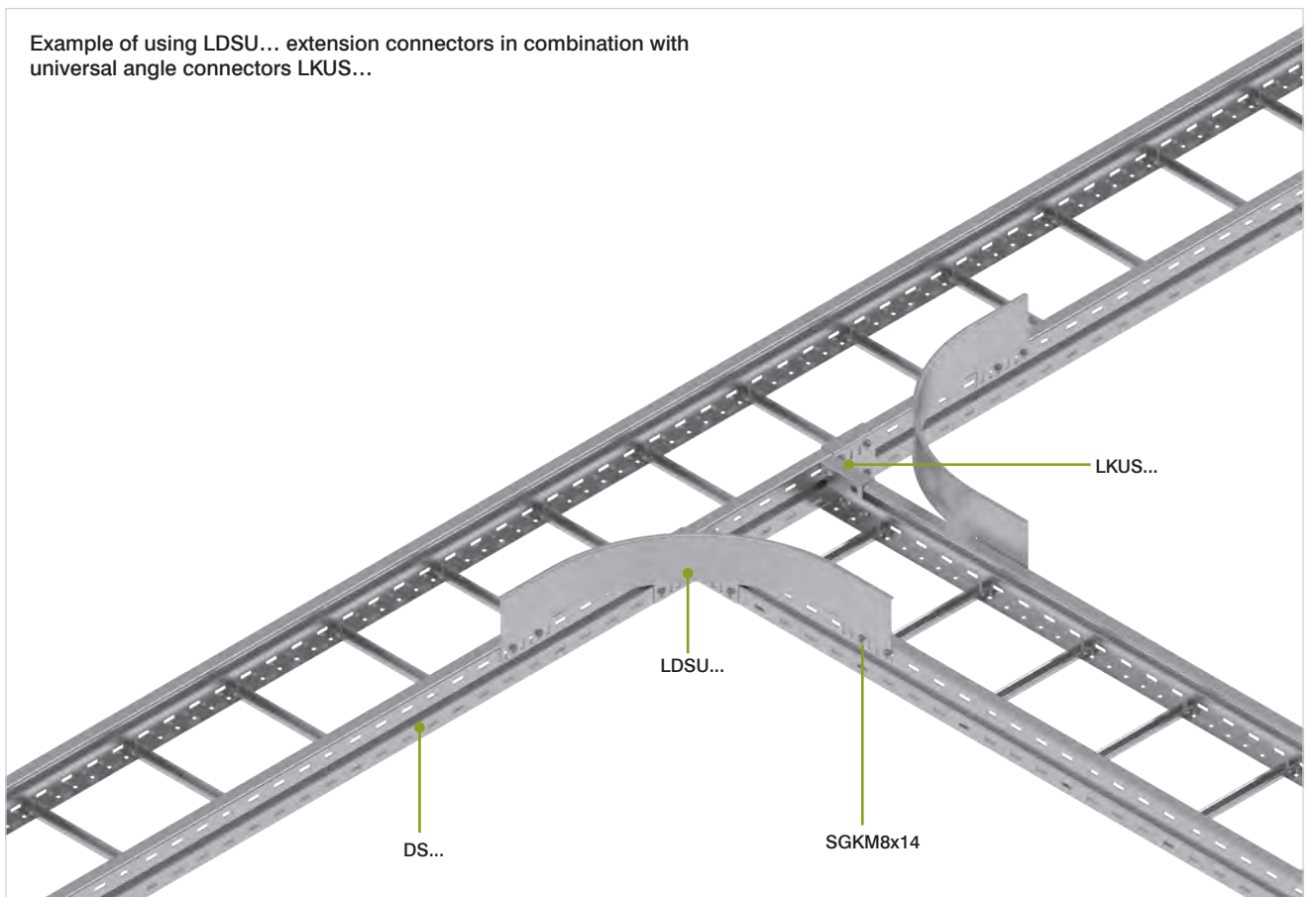
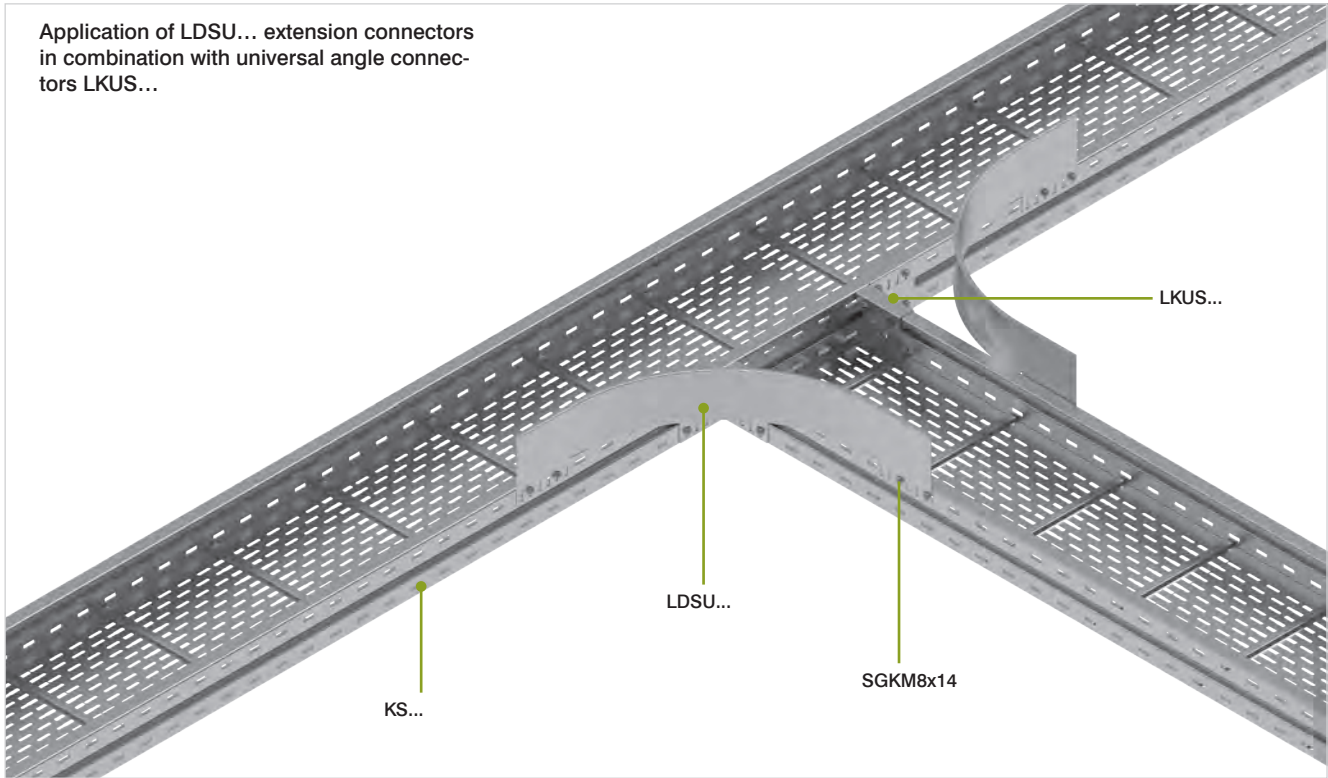


Material thickness= 1,5 mm					
LKUSPH100	205011	100	36	0,41	10
Material thickness= 2,0 mm					
LKUSCH100	205010	100	36	0,58	10
Material thickness= 3,0 mm					
LKUSTH100	205030	100	36	0,87	10
Material thickness= 1,5 mm					
LKUSPH110	205031	110	36	0,44	10
Material thickness= 2,0 mm					
LKUSCH110	205032	110	36	0,62	10
Material thickness= 1,5 mm					
LKUSPH120	205033	120	36	0,46	10
Material thickness= 2,0 mm					
LKUSCH120	205034	120	36	0,66	10
Material thickness= 1,5 mm					
LKUSPH150	205035	150	36	0,54	10
Material thickness= 2,0 mm					
LKUSCH150	205036	150	36	0,78	10
Material thickness= 3,0 mm					
LKUSTH150	205037	150	36	1,16	10
Material thickness= 2,0 mm					
LKUSCH160	205039	160	36	0,81	10
Material thickness= 2,0 mm					
LKUSCH200	205041	200	36	0,97	10
Material thickness= 3,0 mm					
LKUSTH200	205042	200	36	1,45	10

Use:
Quickly and easily connect a new cable route to an existing one at any point.

- Additional information:**
- for mounting, we offer 8 sets of SGK8x16 or SGM8x16 bolts
 - stable and fast mounting anywhere in the self-supporting tray or self-supporting ladder without drilling holes

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

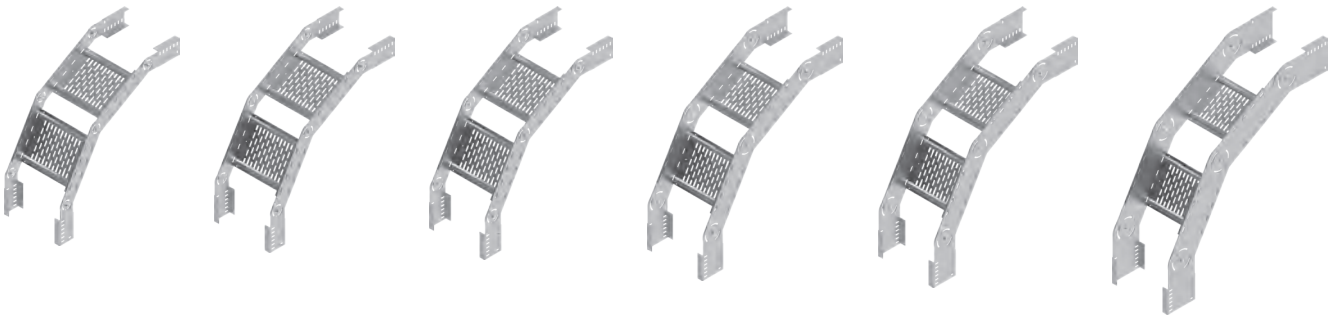


New adjustable bends for the long-span cable tray system – heights 100–200 mm

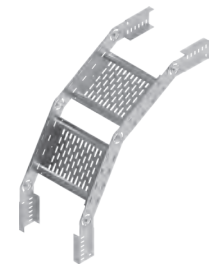
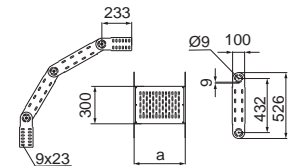
Adjustable Vertical Bend Element ELMKS...



Adjustable bend LLMKS...



Adjustable Vertical Bend	LLMKSP...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMKSP200H100	210924	200	5.74	1	LLMKSC200H100
LLMKSP300H100	210934	300	6.19	1	LLMKSC300H100
LLMKSP400H100	210944	400	6.63	1	LLMKSC400H100
LLMKSP500H100	210954	500	7.08	1	LLMKSC500H100
LLMKSP600H100	210964	600	7.52	1	LLMKSC600H100



Adjustable Vertical Bend	LLMKSC...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMKSC200H100	210925	200	6.77	1	LLMKST200H100
LLMKSC300H100	210935	300	7.21	1	LLMKST300H100
LLMKSC400H100	210945	400	7.66	1	LLMKST400H100
LLMKSC500H100	210955	500	8.11	1	LLMKST500H100
LLMKSC600H100	210965	600	8.55	1	LLMKST600H100



Adjustable Vertical Bend	LLMKST...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 3.0 mm					
LLMKST200H100	210926	200	8.48	1	LLMKSC200H100
LLMKST300H100	210936	300	8.92	1	LLMKSC300H100
LLMKST400H100	210946	400	9.37	1	LLMKSC400H100
LLMKST500H100	210956	500	9.82	1	LLMKSC500H100
LLMKST600H100	210966	600	10.26	1	LLMKSC600H100



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

– use SGK M8x16 or SGM8x16 bolts to connect the fitting with the tray



NEW PRODUCTS IN THE LONG-SPAN CABLE TRAYS SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

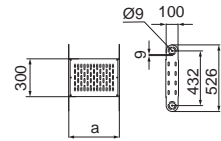
Adjustable Vertical Bend Element

ELMKSP...H100

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

ELMKSP200H100	210223	200	1.68	1	ELMKSC200H100
ELMKSP300H100	210233	300	1.91	1	ELMKSC300H100
ELMKSP400H100	210243	400	2.13	1	ELMKSC400H100
ELMKSP500H100	210253	500	2.35	1	ELMKSC500H100
ELMKSP600H100	210263	600	2.58	1	ELMKSC600H100

Adjustable Vertical Bend Element

ELMKSC...H100

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

ELMKSC200H100	221724	200	2.20	1	ELMKST200H100
ELMKSC300H100	221734	300	2.43	1	ELMKST300H100
ELMKSC400H100	221744	400	2.65	1	ELMKST400H100
ELMKSC500H100	221754	500	2.87	1	ELMKST500H100
ELMKSC600H100	221764	600	3.10	1	ELMKST600H100

Adjustable Vertical Bend Element

ELMKST...H100

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

ELMKST200H100	221725	200	3.07	1	ELMKSC200H100
ELMKST300H100	221735	300	3.29	1	ELMKSC300H100
ELMKST400H100	221745	400	3.51	1	ELMKSC400H100
ELMKST500H100	221755	500	3.74	1	ELMKSC500H100
ELMKST600H100	221765	600	3.96	1	ELMKSC600H100

Use:

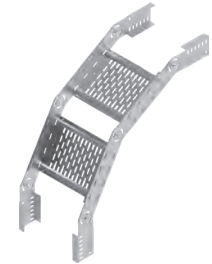
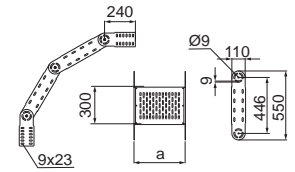
Increasing the radius of the adjustable bend.

Additional information:

– use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend LLMKSP...H110 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMKSP200H110	211922	200	6.18	1	LLMKSC200H110
LLMKSP300H110	211932	300	6.62	1	LLMKSC300H110
LLMKSP400H110	211942	400	7.07	1	LLMKSC400H110
LLMKSP500H110	211952	500	7.52	1	LLMKSC500H110
LLMKSP600H110	211962	600	7.96	1	LLMKSC600H110



Adjustable Vertical Bend LLMKSC...H110 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMKSC200H110	211923	200	7.31	1	LLMKSP200H110
LLMKSC300H110	211933	300	7.76	1	LLMKSP300H110
LLMKSC400H110	211943	400	8.20	1	LLMKSP400H110
LLMKSC500H110	211953	500	8.65	1	LLMKSP500H110
LLMKSC600H110	211963	600	9.10	1	LLMKSP600H110



Use:

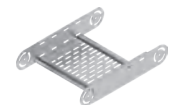
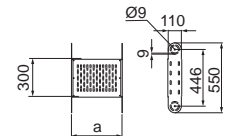
Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use SGK8x16 or SGM8x16 bolts to connect the fitting with the tray

Adjustable Vertical Bend Element ELMKSP...H110 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMKSP200H110	211924	200	1.81	1	ELMKSC200H110
ELMKSP300H110	211934	300	2.03	1	ELMKSC300H110
ELMKSP400H110	211944	400	2.26	1	ELMKSC400H110
ELMKSP500H110	211954	500	2.48	1	ELMKSC500H110
ELMKSP600H110	211964	600	2.70	1	ELMKSC600H110



Adjustable Vertical Bend Element ELMKSC...H110 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMKSC200H110	211925	200	2.38	1	ELMKSP200H110
ELMKSC300H110	211935	300	2.60	1	ELMKSP300H110
ELMKSC400H110	211945	400	2.83	1	ELMKSP400H110
ELMKSC500H110	211955	500	3.05	1	ELMKSP500H110
ELMKSC600H110	211965	600	3.27	1	ELMKSP600H110



Use:

Increasing the radius of the adjustable bend.

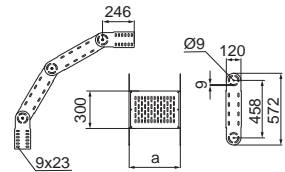
Additional information:

- use SMM8x16 bolts to mount hinged elements

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LLMKSP...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LLMKSP200H120	221922	200	6.61	1	LLMKSC200H120
LLMKSP300H120	221932	300	7.06	1	LLMKSC300H120
LLMKSP400H120	221942	400	7.50	1	LLMKSC400H120
LLMKSP500H120	221952	500	7.95	1	LLMKSC500H120
LLMKSP600H120	221962	600	8.40	1	LLMKSC600H120

Adjustable Vertical Bend LLMKSC...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

LLMKSC200H120	221923	200	7.85	1	LLMKSP200H120
LLMKSC300H120	221933	300	8.30	1	LLMKSP300H120
LLMKSC400H120	221943	400	8.74	1	LLMKSP400H120
LLMKSC500H120	221953	500	9.19	1	LLMKSP500H120
LLMKSC600H120	221963	600	9.64	1	LLMKSP600H120

Use:

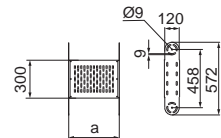
Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use SGK8x16 or SGM8x16 bolts to connect the fitting with the tray

Adjustable Vertical Bend Element ELMKSP...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

ELMKSP200H120	221924	200	1.93	1	ELMKSC200H120
ELMKSP300H120	221934	300	2.16	1	ELMKSC300H120
ELMKSP400H120	221944	400	2.38	1	ELMKSC400H120
ELMKSP500H120	221954	500	2.60	1	ELMKSC500H120
ELMKSP600H120	221964	600	2.82	1	ELMKSC600H120



Adjustable Vertical Bend Element ELMKSC...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

ELMKSC200H120	221925	200	2.56	1	ELMKSP200H120
ELMKSC300H120	221935	300	2.78	1	ELMKSP300H120
ELMKSC400H120	221945	400	3.00	1	ELMKSP400H120
ELMKSC500H120	221955	500	3.23	1	ELMKSP500H120
ELMKSC600H120	221965	600	3.45	1	ELMKSP600H120

Use:

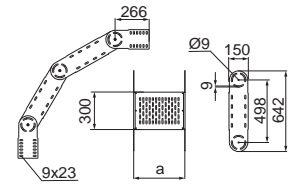
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend LLMKSP...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMKSP200H150	223922	200	8.24	1	LLMKSC200H150
LLMKSP300H150	223932	300	8.69	1	LLMKSC300H150
LLMKSP400H150	223942	400	9.14	1	LLMKSC400H150
LLMKSP500H150	223952	500	9.58	1	LLMKSC500H150
LLMKSP600H150	223962	600	10.03	1	LLMKSC600H150



Adjustable Vertical Bend LLMKSC...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMKSC200H150	223923	200	9.88	1	LLMKST200H150
LLMKSC300H150	223933	300	10.33	1	LLMKST300H150
LLMKSC400H150	223943	400	10.77	1	LLMKST400H150
LLMKSC500H150	223953	500	11.22	1	LLMKST500H150
LLMKSC600H150	223963	600	11.67	1	LLMKST600H150



Adjustable Vertical Bend LLMKST...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 3.0 mm					
LLMKST200H150	223924	200	12.61	1	LLMKSC200H150
LLMKST300H150	223934	300	13.06	1	LLMKSC300H150
LLMKST400H150	223944	400	13.50	1	LLMKSC400H150
LLMKST500H150	223954	500	13.95	1	LLMKSC500H150
LLMKST600H150	223964	600	14.40	1	LLMKSC600H150



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

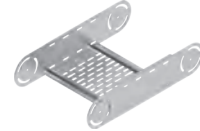
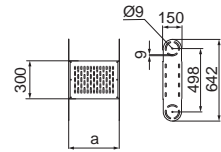
Additional information:

- use SGK8x16 or SGM8x16 bolts to connect the fitting with the tray

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend Element **ELMKSP...H150** mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMKSP200H150	223925	200	2.40	1	ELMKSC200H150
ELMKSP300H150	223935	300	2.62	1	ELMKSC300H150
ELMKSP400H150	223945	400	2.84	1	ELMKSC400H150
ELMKSP500H150	223955	500	3.07	1	ELMKSC500H150
ELMKSP600H150	223965	600	3.29	1	ELMKSC600H150



Adjustable Vertical Bend Element **ELMKSC...H150** mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMKSC200H150	223926	200	3.22	1	ELMKST200H150
ELMKSC300H150	223936	300	3.44	1	ELMKST300H150
ELMKSC400H150	223946	400	3.67	1	ELMKST400H150
ELMKSC500H150	223956	500	3.89	1	ELMKST500H150
ELMKSC600H150	223966	600	4.12	1	ELMKST600H150



Adjustable Vertical Bend Element **ELMKST...H150** mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 3.0 mm					
ELMKST200H150	223927	200	4.60	1	ELMKSC200H150
ELMKST300H150	223937	300	4.82	1	ELMKSC300H150
ELMKST400H150	223947	400	5.04	1	ELMKSC400H150
ELMKST500H150	223957	500	5.26	1	ELMKSC500H150
ELMKST600H150	223967	600	5.49	1	ELMKSC600H150



Use:

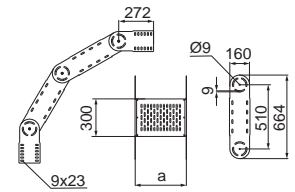
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend **LLMKSC...H160** mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 2.0 mm

LLMKSC200H160	282827	200	10.49	1
LLMKSC300H160	282837	300	10.94	1
LLMKSC400H160	282847	400	11.38	1
LLMKSC500H160	282857	500	11.83	1
LLMKSC600H160	282867	600	12.28	1

Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

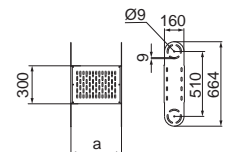
Additional information:

- use SGK8x16 or SGM8x16 bolts to connect the fitting with the tray
- for large orders, it is possible to make fittings from sheet metal with a thickness of 1.5 mm



Adjustable Vertical Bend Element **ELMKSC...H160** mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 2.0 mm

ELMKSC200H160	287027	200	3.42	1
ELMKSC300H160	287037	300	3.64	1
ELMKSC400H160	287047	400	3.87	1
ELMKSC500H160	287057	500	4.09	1
ELMKSC600H160	287067	600	4.32	1

Use:

Increasing the radius of the adjustable bend.

Additional information:

- for large orders, it is possible to make fittings from sheet metal with a thickness of 1.5 mm
- use SMM8x16 bolts to mount hinged elements



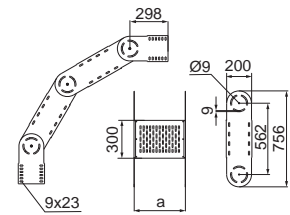
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LLMKSC...H200 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LLMKSC200H200	281624	200	14.61	1	LLMKST200H200
LLMKSC300H200	281634	300	15.06	1	LLMKST300H200
LLMKSC400H200	281644	400	15.50	1	LLMKST400H200
LLMKSC500H200	281654	500	15.95	1	LLMKST500H200
LLMKSC600H200	281664	600	16.40	1	LLMKST600H200



Adjustable Vertical Bend LLMKST...H200 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

LLMKST200H200	281625	200	18.90	1	LLMKSC200H200
LLMKST300H200	281635	300	19.35	1	LLMKSC300H200
LLMKST400H200	281645	400	19.79	1	LLMKSC400H200
LLMKST500H200	281655	500	20.24	1	LLMKSC500H200
LLMKST600H200	281665	600	20.68	1	LLMKSC600H200



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

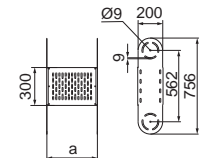
- use SGK8x16 or SGM8x16 bolts to connect the fitting with the tray

Adjustable Vertical Bend Element ELMKSC...H200 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

ELMKSC200H200	281724	200	4.78	1	ELMKST200H200
ELMKSC300H200	281734	300	5.01	1	ELMKST300H200
ELMKSC400H200	281744	400	5.23	1	ELMKST400H200
ELMKSC500H200	281754	500	5.45	1	ELMKST500H200
ELMKSC600H200	281764	600	5.68	1	ELMKST600H200



Adjustable Vertical Bend Element ELMKST...H200 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

ELMKST200H200	281725	200	6.94	1	ELMKSC200H200
ELMKST300H200	281735	300	7.16	1	ELMKSC300H200
ELMKST400H200	281745	400	7.38	1	ELMKSC400H200
ELMKST500H200	281755	500	7.61	1	ELMKSC500H200
ELMKST600H200	281765	600	7.83	1	ELMKSC600H200



Use:

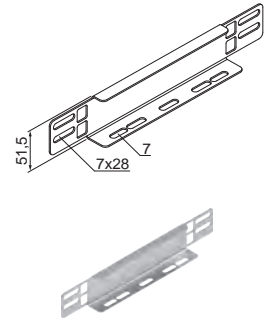
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Reduction and end plate BRZKP...H50 mat.: F option: E, L

symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 1.5 mm

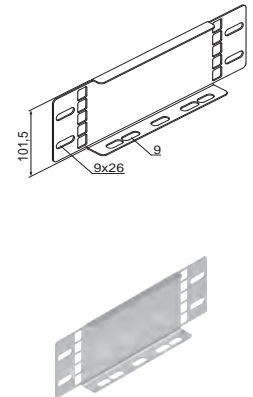
BRZKP50H50	374261	0.08	20
BRZKP100H50	374262	0.13	20
BRZKP200H50	374263	0.24	20
BRZKP300H50	374264	0.34	20
BRZKP400H50	374265	0.44	20
BRZKP500H50	374266	0.54	10
BRZKP600H50	374267	0.64	10

Additional information:

- use SGKFM6x12 or SGFM6x12 bolts for mounting

Reduction and end plate BRZKP...H100 mat.: F option: E, L

symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.]

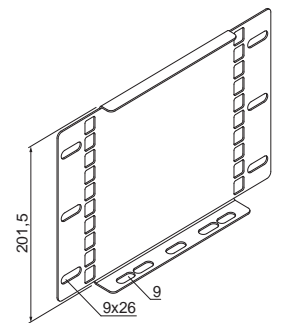


Material thickness = 1.5 mm

BRZKP100H100	374268	0.17	20
BRZKP200H100	374269	0.32	20
BRZKP300H100	374270	0.45	20
BRZKP400H100	374271	0.55	20
BRZKP500H100	374272	0.72	10
BRZKP600H100	374273	0.85	10

Reduction and end plate BRZKP...H200 mat.: F option: E, L

symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 1,5 mm

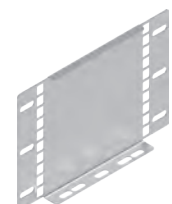
BRZKP100H200	374274	0,34	20
BRZKP200H200	374275	0,42	20
BRZKP300H200	374276	0,60	20
BRZKP400H200	374277	0,73	20
BRZKP500H200	374278	0,86	10
BRZKP600H200	374279	1,13	10

Use:

Changing the width of a cable tray or end a cable tray (end cap).

Additional information:

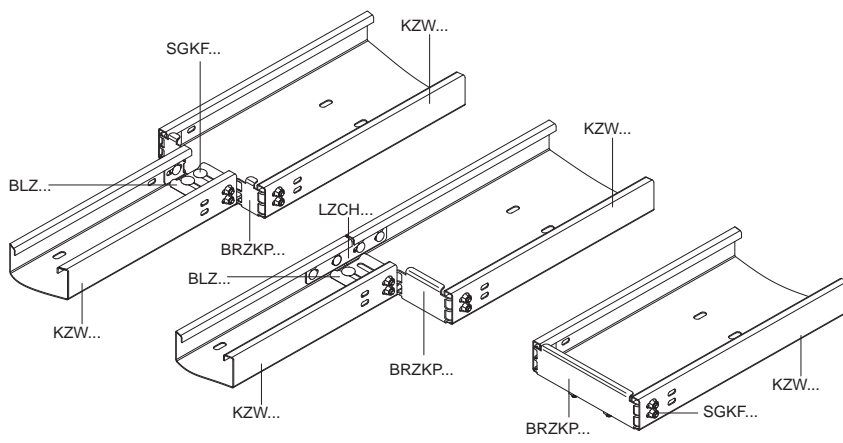
- use SGKFM8x14 or SGFM8x14 bolts for mounting





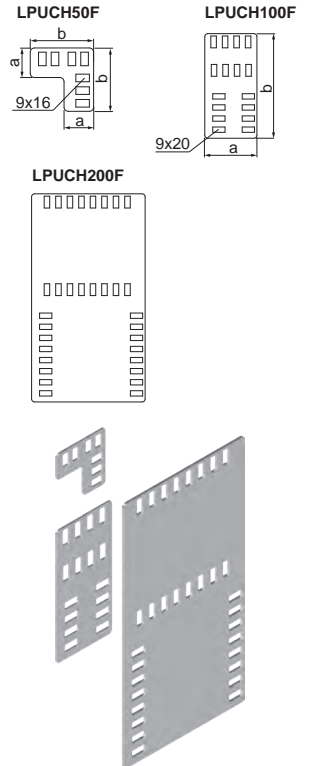
NEW PRODUCTS IN THE HEAVY EXTERNAL SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



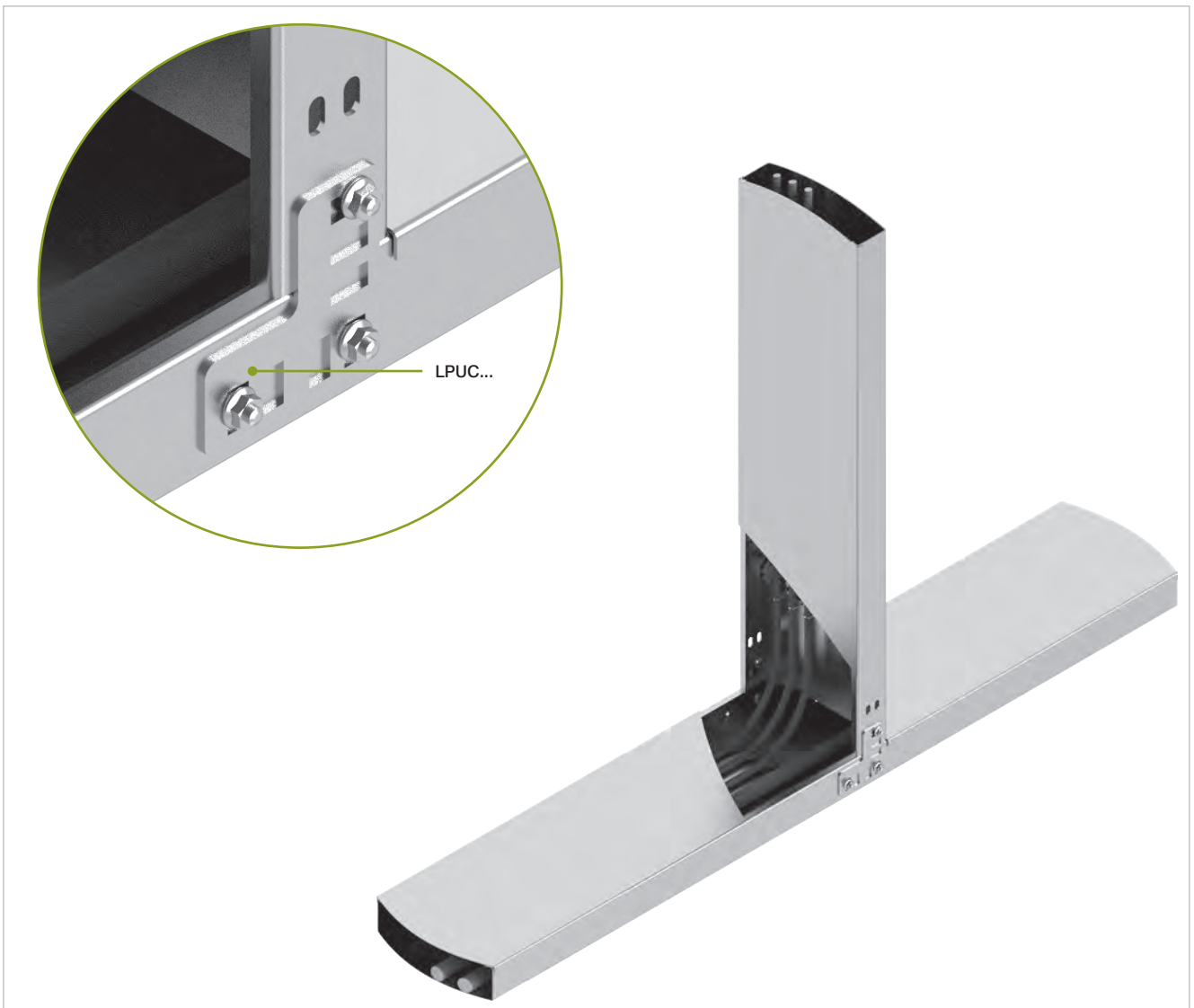


Branching connector	LPUC...F	mat.: F	option: E, L		
symbol	catalogue number	dimension a [mm]	dimension b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2,0 mm					
LPUCH50F	4058313	35	75	0,05	2
LPUCH100F	4058343	85	177	0,19	2
LPUCH200F	4058393	185	352	1,40	2



Use:
Branching at any point of a horizontal cable route, upwards or downwards.

Additional information:
- use bolts: H50 – SGKFM6x12; H100 and H200 – SGKFM8x16.

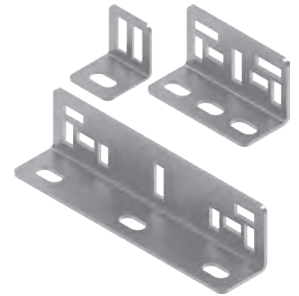
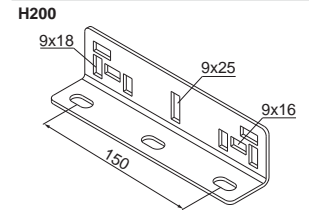
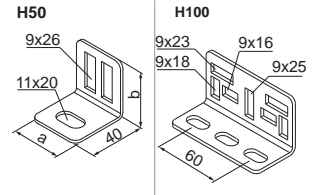




NEW PRODUCTS IN THE HEAVY EXTERNAL SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

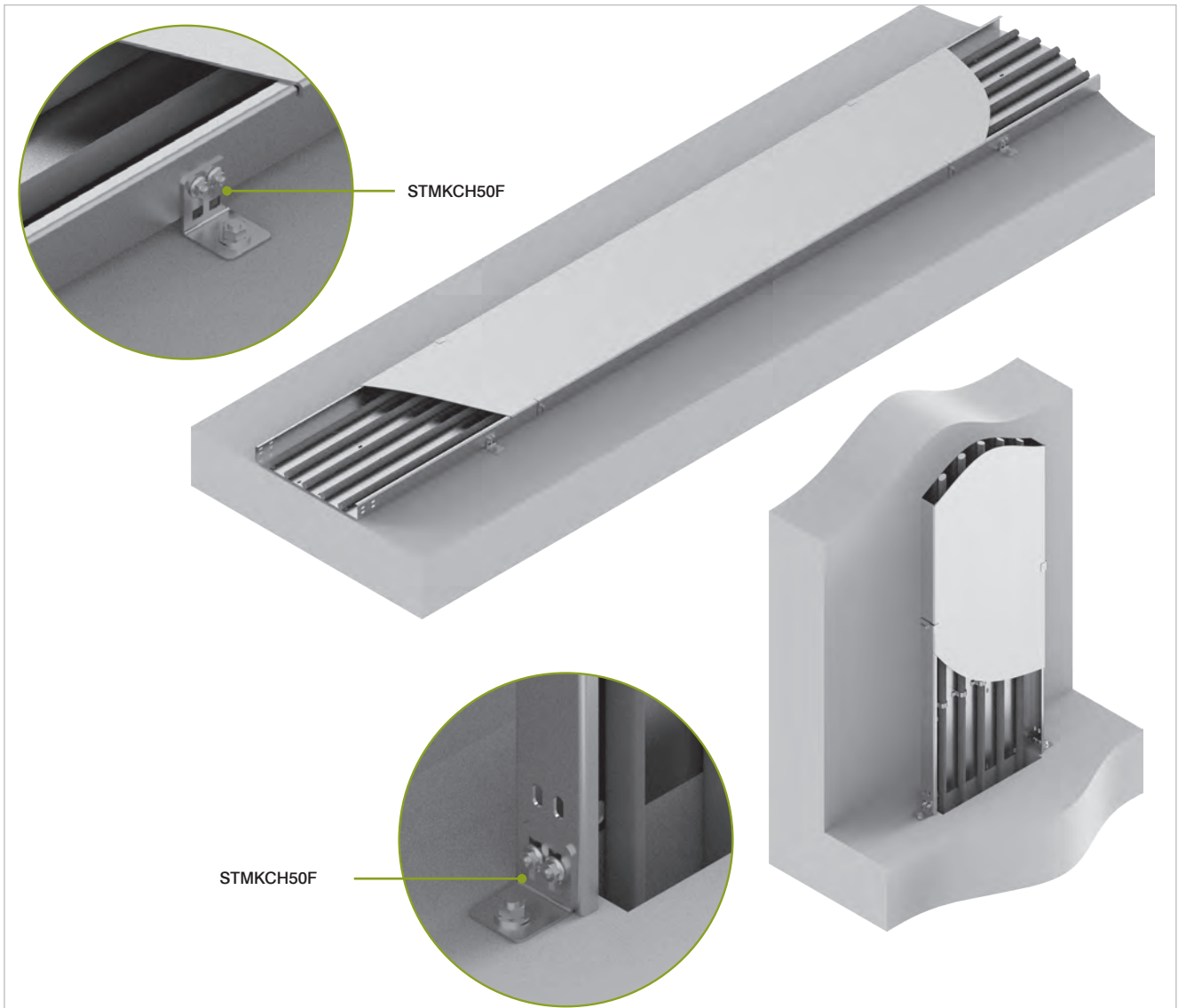
Base Plate	STM...F	mat.: F	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2,0 mm					
STMKCH50F	1049913	37/40	0,04	2	
Material thickness = 3,0 mm					
STMDTH100F	1049993	90/49	0,15	2	
STMDTH200F	1045123	190/49	0,34	2	



Use:
Mounting cable trays and ladders vertically or horizontally to the substrate.

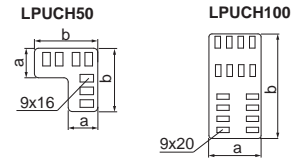
Additional information:

- use bolts: H50 – SGKFM6x12; H100 and H200 – SGKFM8x16.



Branching connector **LPUC...** mat.: S option: FP, E, L

symbol catalogue number dimension a [mm] dimension b [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 2.0 mm

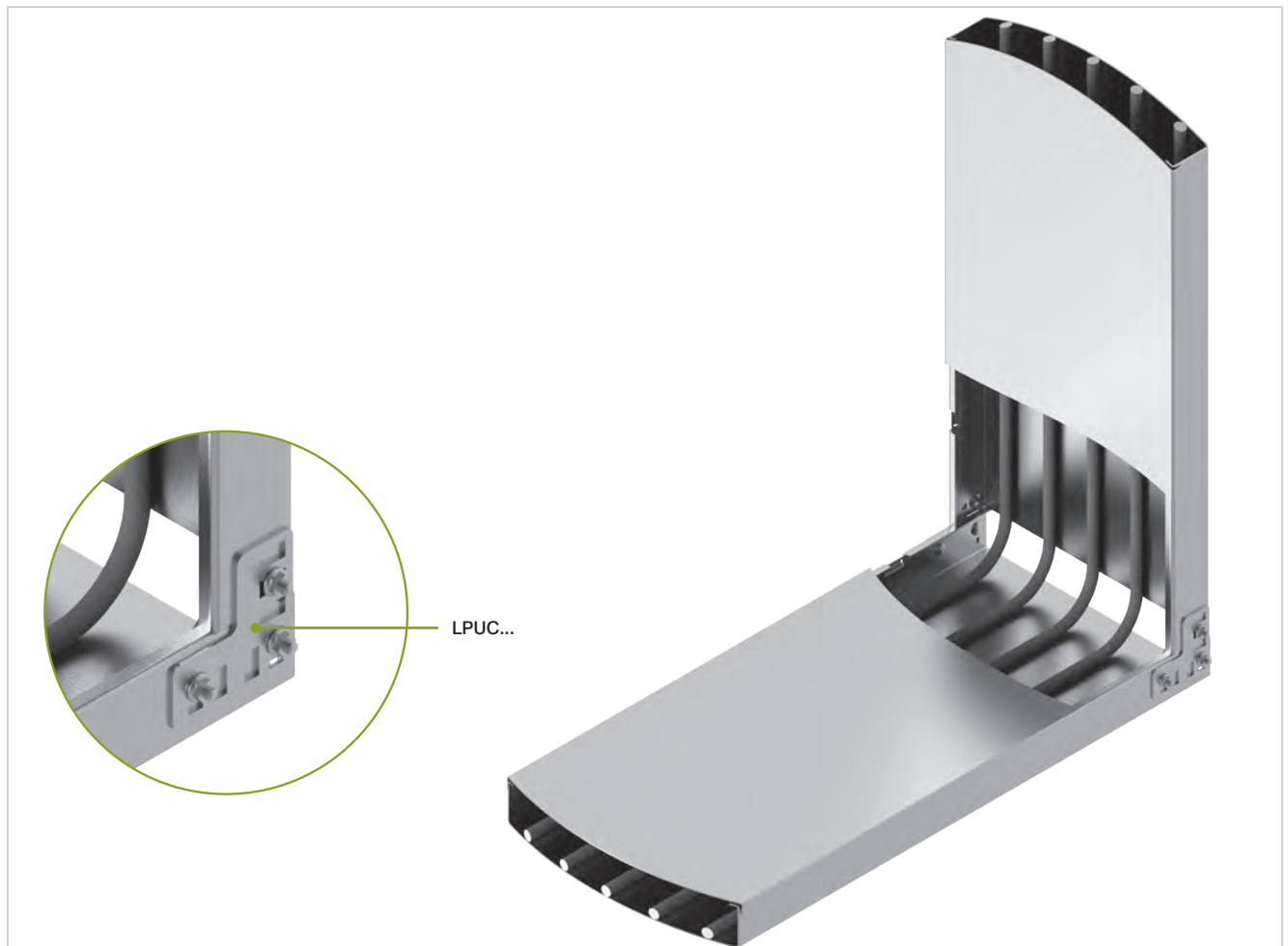
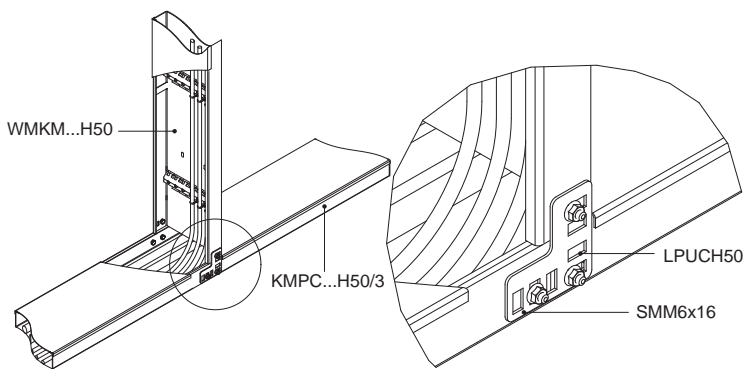
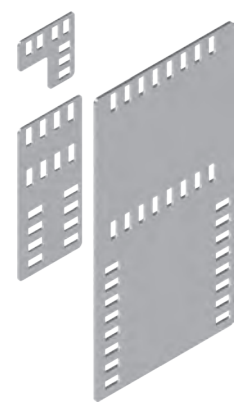
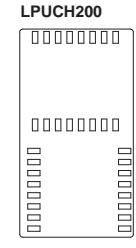
Symbol	Catalogue number	Dimension a [mm]	Dimension b [mm]	Weight 1 pc. [kg]	Quantity per package [pcs.]
LPUCH50	405831	35	75	0.05	2
LPUCH100	405834	85	177	0.19	2
LPUCH200	405839	185	352	1.40	2

Use:

Branching at any point of a horizontal cable route, upwards or downwards.

Additional information:

- SMM6x16 bolts are required for assembly

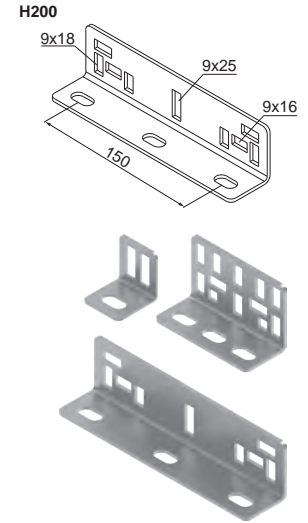
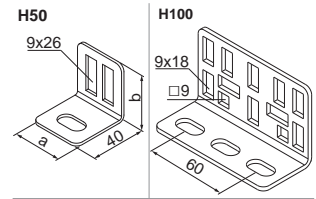




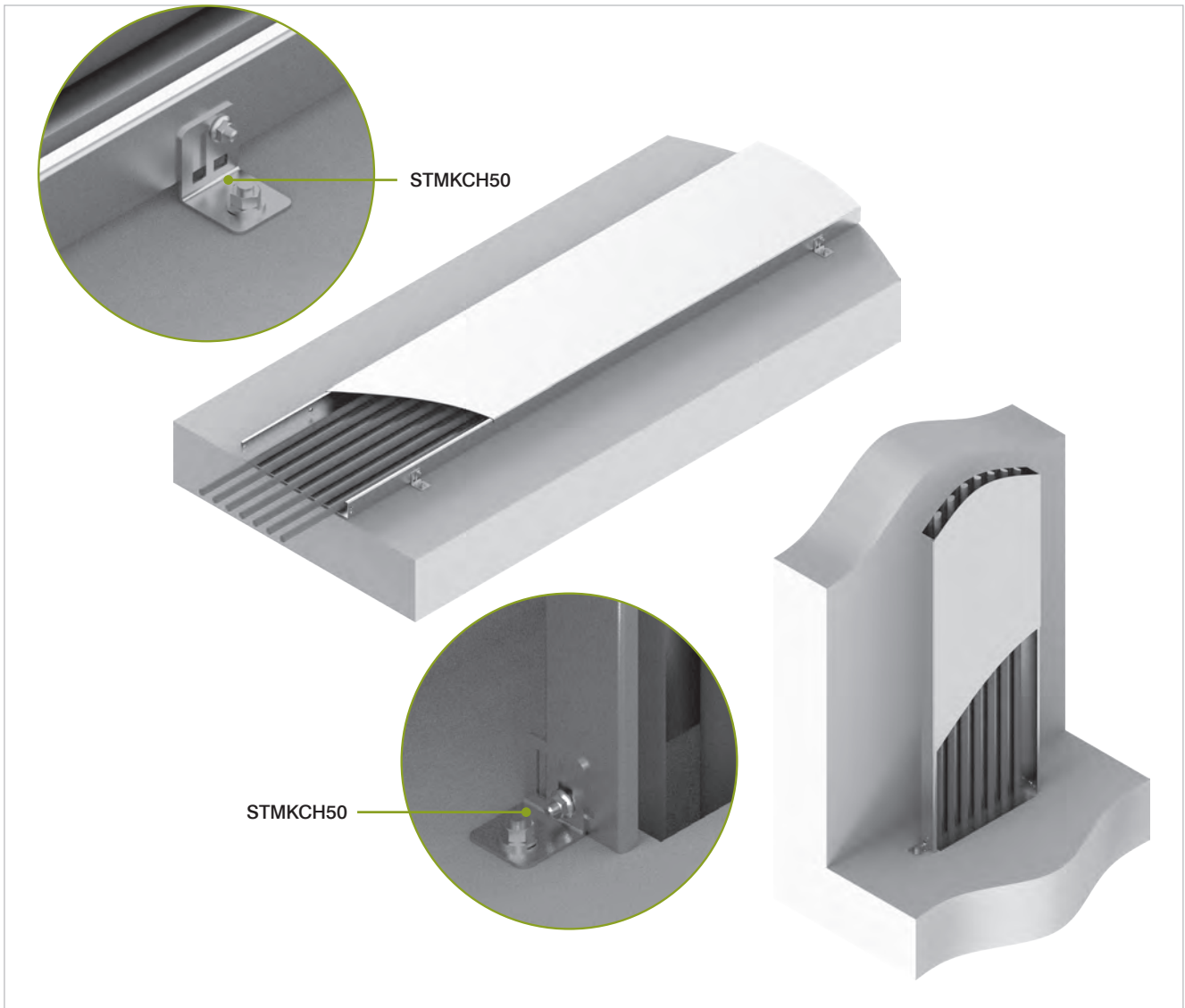
NEW PRODUCTS IN THE MACHINE POWER SUPPLY SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

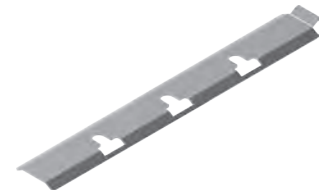
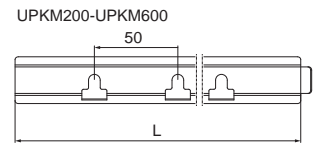
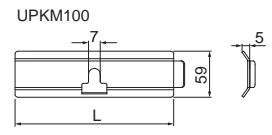
Base plate	STM...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
STMKCH50	104991	37/40	0.04	2	
Material thickness = 3.0 mm					
STMKTH100	104994	93/95	0.15	2	
STMDTH200	104512	190/49	0.34	2	



Use:
Mounting cable trays vertically or horizontally to the substrate.



Barrier Strip Clamp	UPKM...	mat.: S	option: E, F	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]



Material thickness = 1.5 mm

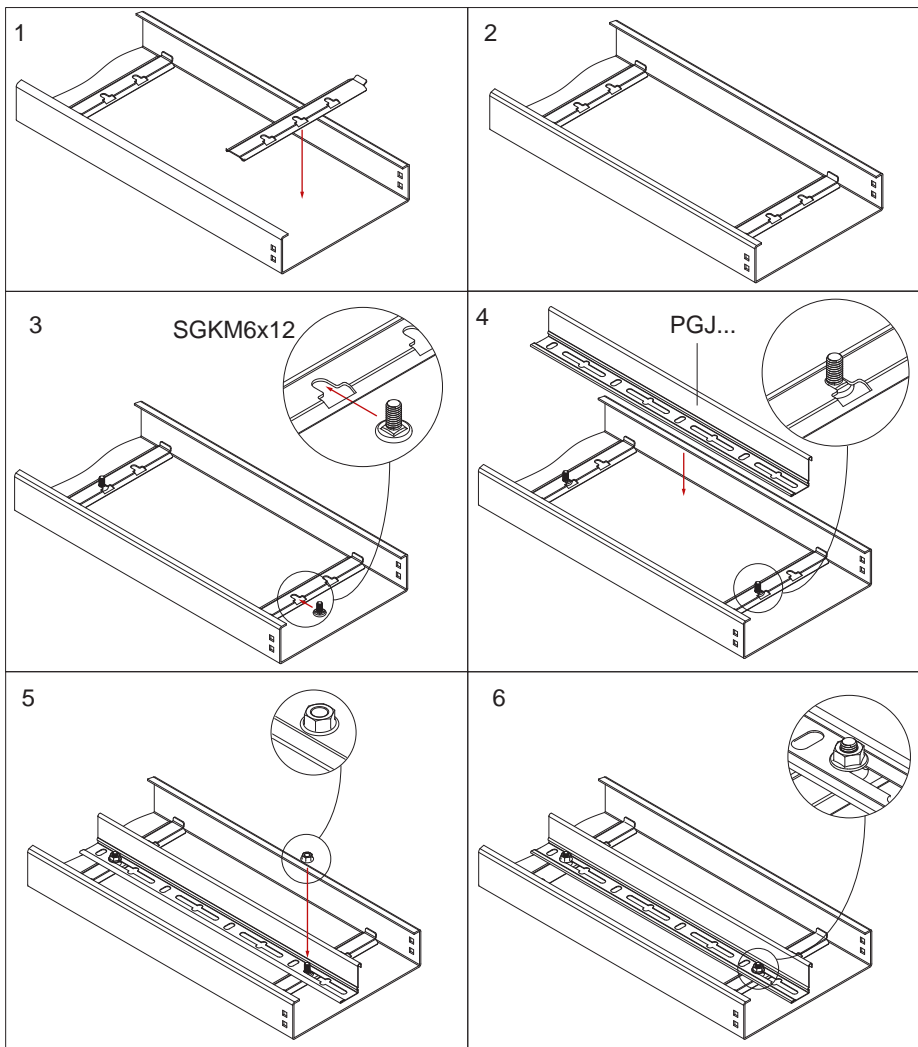
UPKM100	819272	93	0.04	20
UPKM200	819273	193	0.08	20
UPKM300	819274	293	0.12	20
UPKM400	819275	393	0.16	10
UPKM500	819276	493	0.19	10
UPKM600	819277	593	0.23	10

Use:

Installation of a barrier strip in machine power supply cable trays.

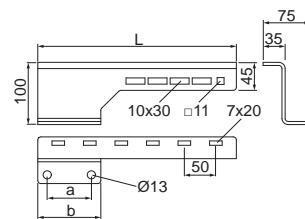
Additional information:

- tool-free installation of the bracket in the cable tray.
- install the barrier strip using SGK6x12 bolts.

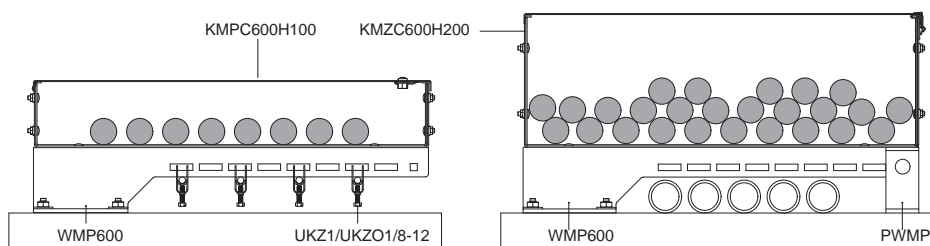


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

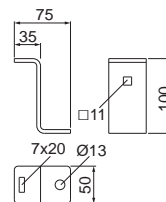
Bracket	WMP...	mat.: F	option: E, L				
symbol	catalogue number	dimension L [mm]	dimension a [mm]	dimension b [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 5.0 mm							
WMP100	713131	1000	70	100	2.94	0.66	1
WMP200	713132	200	70	100	2.94	0.92	1
WMP300	713133	300	70	100	2.94	1.18	1
Material thickness = 6.0 mm							
WMP400	713134	400	120	150	2.94	1.91	1
WMP500	713135	500	120	150	2.94	2.22	1
WMP600	711736	600	120	150	2.94	2.53	1



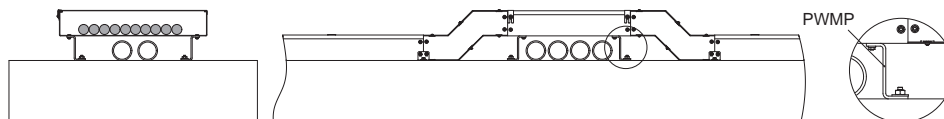
Additional information:
 – creates space beneath the cable route for other installations
 – for heavy loads, use the PWMP support



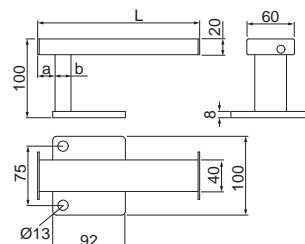
Support	PWMP...	mat.: F	option: E, L				
symbol	catalogue number	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]			
Material thickness = 5.0 mm							
PWMP	711737	2.94	0.31	10			



Additional information:
 – creates space beneath the cable route for other installations
 – serves as a support for WMP... brackets under heavy loads

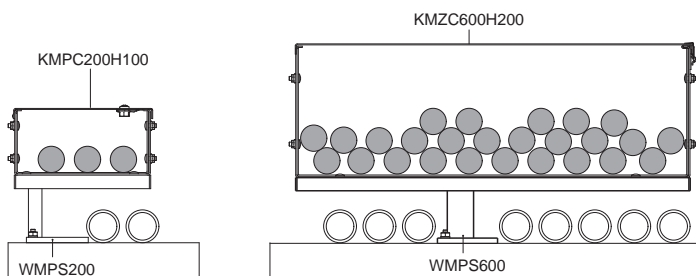


Bracket	WMPS...	mat.: F	option: E, L				
symbol	catalogue number	dimension L [mm]	dimension a [mm]	dimension b [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
WMPS100	711750	100	22	20	2.10	0.89	1
WMPS200	711751	200	22	20	2.10	1.05	1
WMPS300	711752	300	32	40	2.10	1.27	1
WMPS400	711753	400	32	40	2.10	1.44	1
WMPS500	711754	500	132	40	2.10	1.60	1
WMPS600	711755	600	232	40	2.10	1.77	1



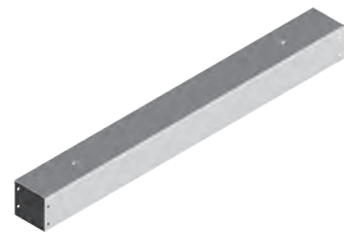
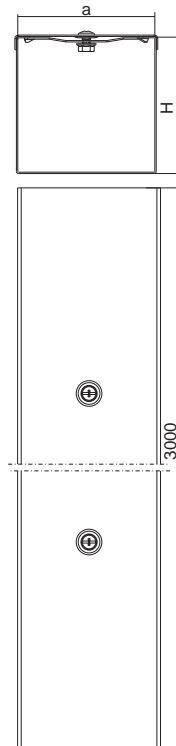
Use:
 Creates space beneath the cable route for other installations.

Additional information:
 – creates space beneath the cable route for other installations



Cable tray TS... mat.: S opcja: F, E

symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 0,5 mm				
TSR50H50/3	151207	50/3000	0,94	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 0,7 mm				
TSL50H50/3	171305	50/3000	1,44	3
TSL100H50/3	171205	100/3000	1,85	3
TSL200H50/3	171204	200/3000	2,96	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 1,0 mm				
TSJ100H50/3	131009	100/3000	2,64	3
TSJ150H50/3	131006	150/3000	3,43	3
TSJ200H50/3	131008	200/3000	4,22	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 0,7 mm				
TSL75H75/3	171206	75/3000	1,85	3
Material thickness= 0,7 mm				
TSL100H100/3	111206	100/3000	2,41	3
TSL150H100/3	111208	150/3000	3,24	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 1,0 mm				
TSJ150H100/3	111207	150/3000	4,32	3
TSJ200H100/3	131004	200/3000	5,12	3
TSJ300H100/3	131002	300/3000	6,72	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 1,0 mm				
TSJ150H150/3	121006	150/3000	5,12	3
symbol	catalogue number	dimension a/L [mm]	weight 1m [kg]	quantity per package [m]
Material thickness= 1,0 mm				
TSJ200H200/3	131007	200/3000	6,72	3



Application

Routing of electrical, pneumatic, hydraulic and ICT installations in:

- logistics halls with high-bay warehouses
- industrial halls
- retail halls
- educational facilities
- offices

The Trunking System is a complete enclosed system that protects the installation.

System advantages:

- intuitive installation
- easy access to the installation
- resistant to dust and water splashes

Note!

The Trunking System can be manufactured from thicker sheet metal (1.2 mm or 1.5 mm) upon request.

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

The cable trunking with cover is available with a full range of accessories.

LTSJ... Connector		KTSJ... 90° Bend		KMTSJ... 45° Bend		TTSJ... Tee		CZTSJ... Cross-over	
LWTSJ... 90° Internal Bend		LWMTSJ... 45° Internal Bend		LZTSJ... 90° External Bend		LZMTSJ... 45° External Bend		ZTS End Cap	
ZPNT Trunking Clamp		UMTJ Intermediate Bracket							

Additional information:
ZPNT clamp – external mounting; the strip provides protection rating IP4X

Note!
The Trunking System can be manufactured from thicker sheet metal (1.2 mm or 1.5 mm) upon request

Cable Ladder Click

DFP...H60

mat.: S

symbol catalogue number dimension a/L [mm] weight 1 m [kg] quantity per package [m] substitute



Material thickness = 1.5 mm

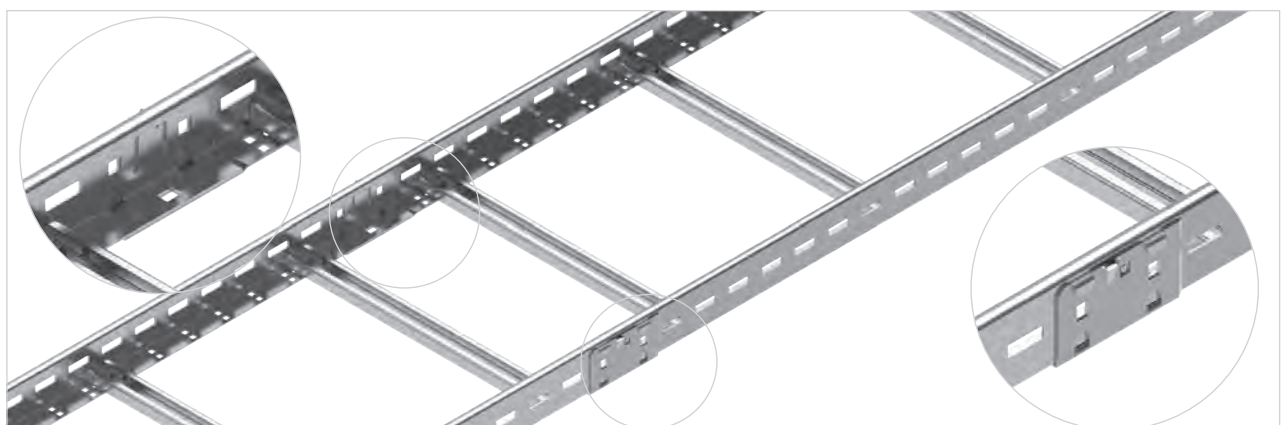
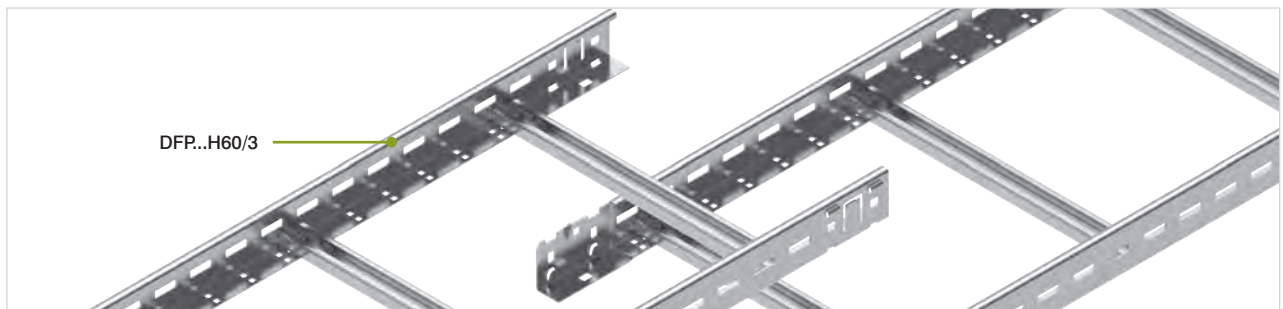
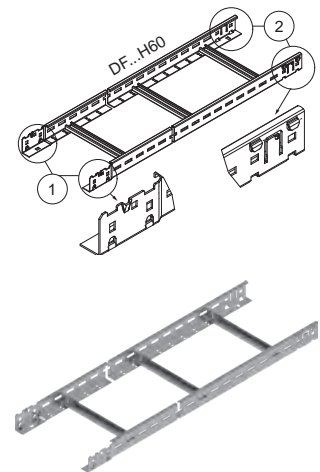
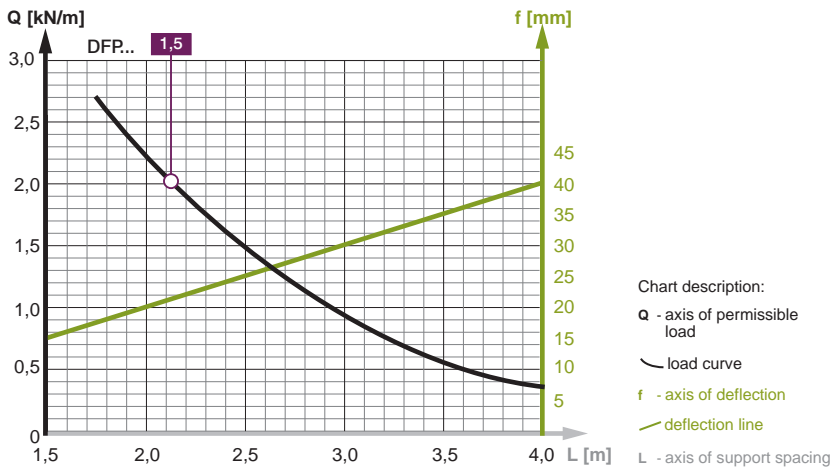
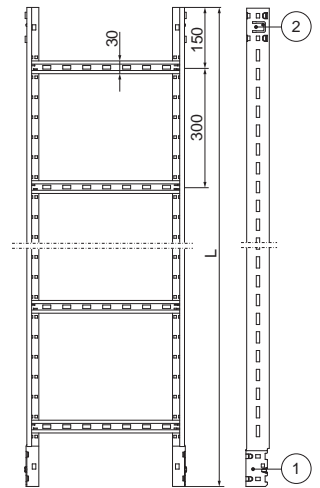
DFP100H60/3	466111	100/3000	2.42	6	DUP/DUOP100H60/3
DFP200H60/3	466121	200/3000	2.69	6	DUP/DUOP200H60/3
DFP300H60/3	466131	300/3000	2.97	6	DUP/DUOP300H60/3
DFP400H60/3	466141	400/3000	3.24	6	DUP/DUOP400H60/3
DFP500H60/3	466151	500/3000	3.51	6	DUP500H60/3
DFP600H60/3	466161	600/3000	3.79	6	DUP600H60/3

Use:

Cable management

Additional information:

- quick and easy mounting
- connector-less system
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- 1 and 2 – CLICK end types
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**



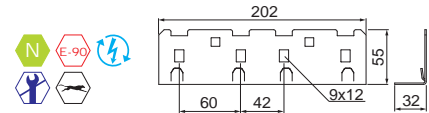
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

CLICK transition connector LPFCH60 mat.: S

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]

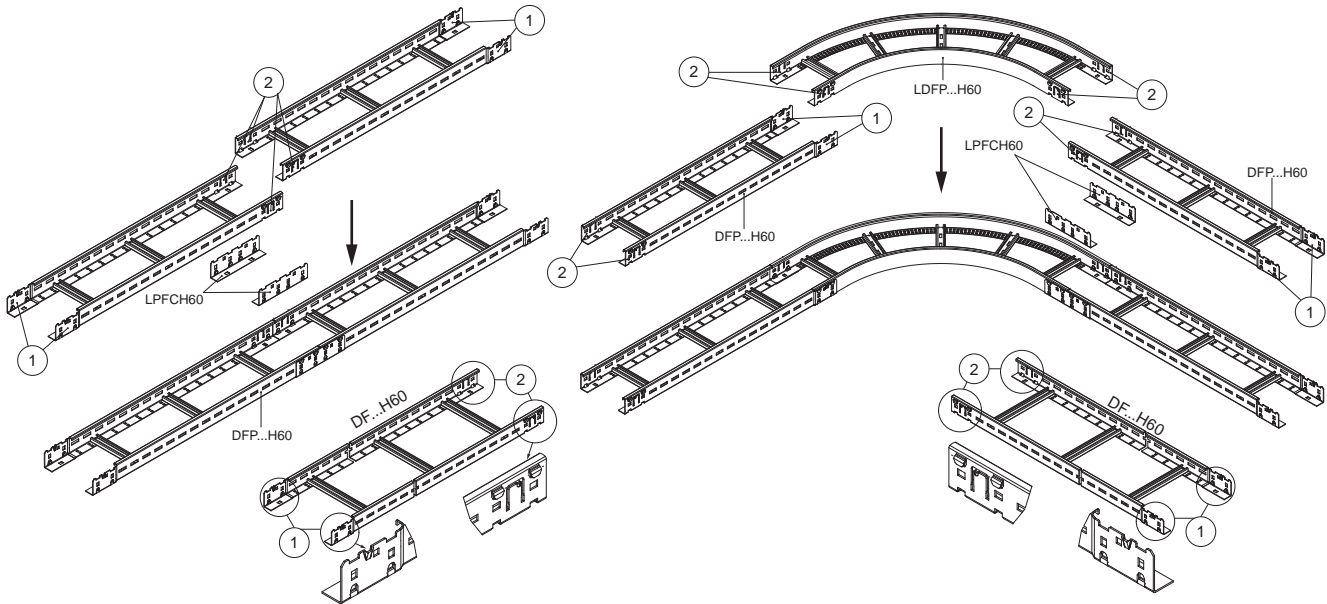
Material thickness = 2.0 mm

LPFCH60	466195	65	0.26	10
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Additional information:

- the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays

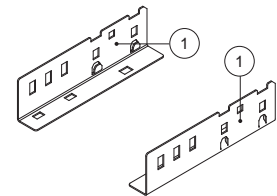
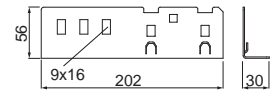


CLICK transition connector LPF1CH60 mat.: S

symbol	catalogue number	weight 1 pc. [kg]	quantity per package [set]

Material thickness = 2.0 mm

LPF1CH60	467196	0.04	2
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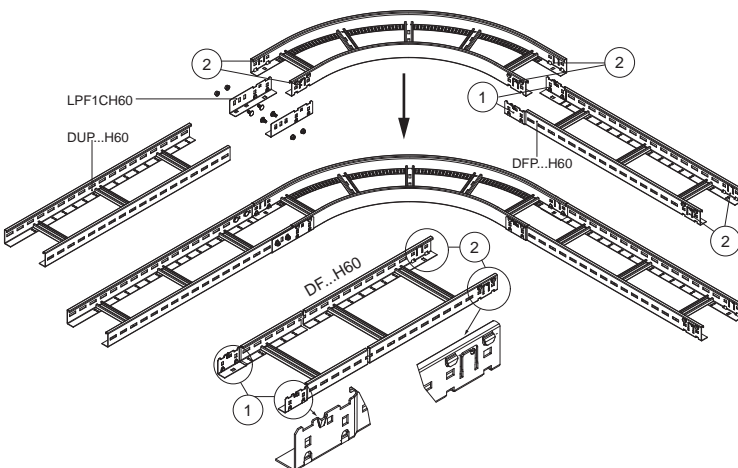


Use:

Connection of CLICK cable ladders and CLICK fittings with cut-to-length CLICK ladders or with DU...H60 cable ladders.

Additional information:

- use 1 set (left and right connector) for the connection
- 1 - CLICK end type
- the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays

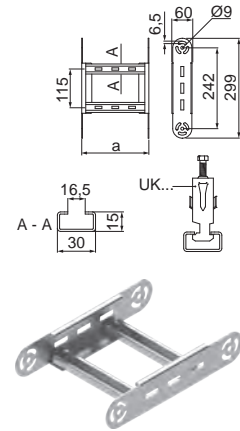


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



Adjustable Vertical Bend Element **ELPMDFP...H60** mat.: S

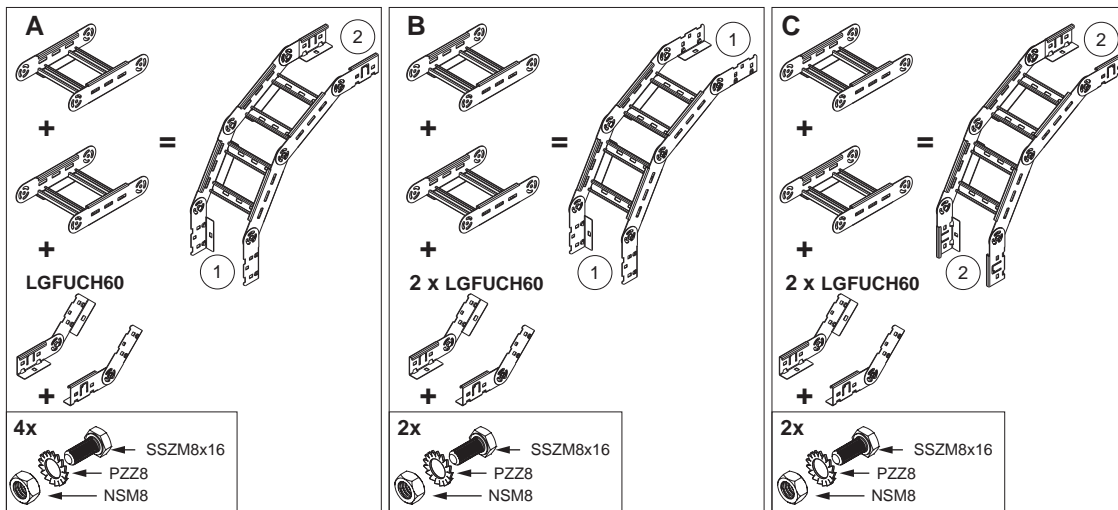
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
ELPMDFP100H60	466196	100	1.81	2
ELPMDFP200H60	466197	200	2.06	2
ELPMDFP300H60	466198	300	2.33	2
ELPMDFP400H60	466199	400	2.59	2
ELPMDFP500H60	466200	500	2.85	2
ELPMDFP600H60	466201	600	3.12	2



Use:
Independent creation of articulated bends using CLICK articulated connectors.
Changing the direction of CLICK type cable routing.

Additional information:

- quick and easy mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**
- 1 and 2 – CLICK end types
- possibility of individual adjustment of the end types of the created bend:
 - A - using one set of LGFUCH60 connectors
 - B and C - using two sets of LGFUCH60 connectors

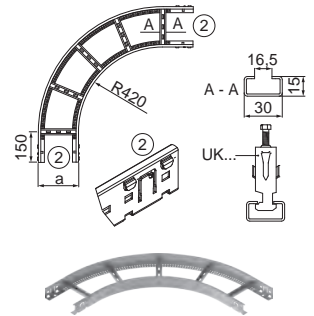


90° CLICK Bend

LDFP...H60

mat.: S

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LDFP100H60	466162	100	2.79	2
LDFP200H60	466163	200	3.35	2
LDFP300H60	466164	300	3.91	2
LDFP400H60	466165	400	4.47	2
LDFP500H60	466166	500	5.03	2
LDFP600H60	466167	600	5.58	2

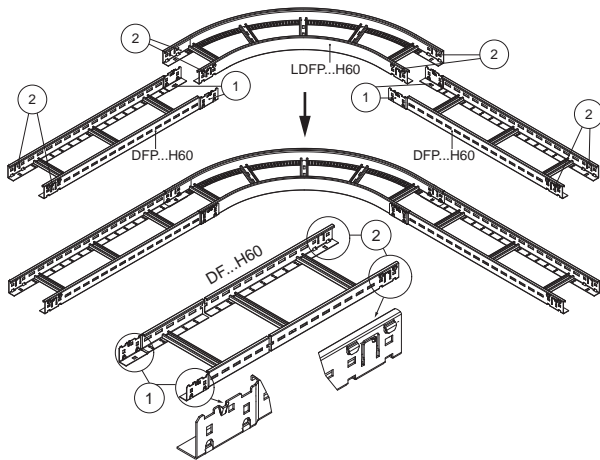


Use:

Changing the direction of CLICK type cable routing.

Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

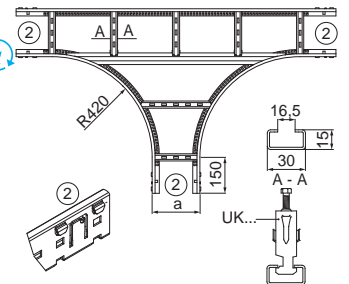


CLICK Tee

TDFP...H60

mat.: S

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
TDFP100H60	466168	100	4.56	2
TDFP200H60	466169	200	5.29	2
TDFP300H60	466170	300	6.02	2
TDFP400H60	466171	400	6.75	2
TDFP500H60	466172	500	7.48	2
TDFP600H60	466173	600	8.22	2



Use:

CLICK type cable route branching.

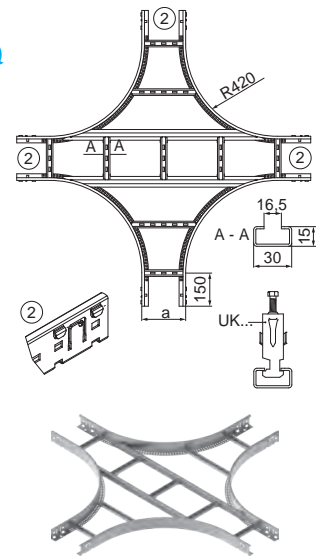
Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

CLICK Cross-over CZDFP...H60 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
CZDFP100H60	466174	100	6.19	2
CZDFP200H60	466175	200	6.90	2
CZDFP300H60	466176	300	7.75	2
CZDFP400H60	466177	400	8.61	2
CZDFP500H60	466178	500	9.47	2
CZDFP600H60	466179	600	10.33	2



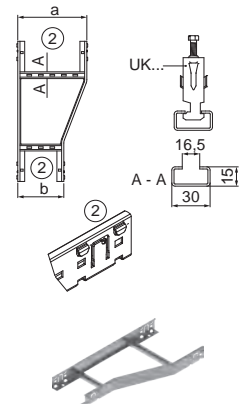
Use:
CLICK type cable route branching.

Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

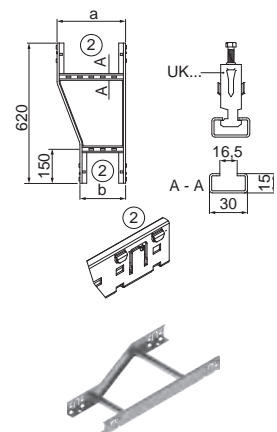
CLICK Right Reducer RDFPP...H60 mat.: S

symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
RDFPP200/100H60	466180	200/100	1.56	2
RDFPP300/200H60	466181	300/200	1.73	2
RDFPP400/300H60	466182	400/300	1.91	2
RDFPP500/400H60	466183	500/400	2.09	2
RDFPP600/500H60	466184	600/500	2.25	2



CLICK Left Reducer RDFLP...H60 mat.: S

symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
RDFLP200/100H60	466185	200/100	1.56	2
RDFLP300/200H60	466186	300/200	1.73	2
RDFLP400/300H60	466187	400/300	1.91	2
RDFLP500/400H60	466188	500/400	2.09	2
RDFLP600/500H60	466189	600/500	2.25	2



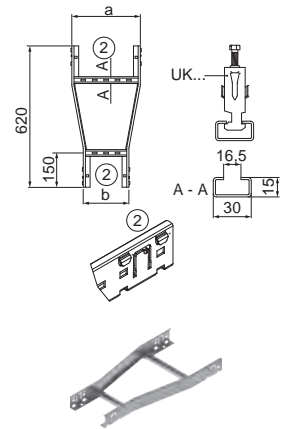
Use:
Changing the width of the cable route CLICK.

Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

CLICK Symmetrical Reducer RDFSP...H60 mat.: S

symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
RDFSP200/100H60	466190	200/100	1.56	2
RDFSP300/200H60	466191	300/200	1.73	2
RDFSP400/300H60	466192	400/300	1.91	2
RDFSP500/400H60	466193	500/400	2.09	2
RDFSP600/500H60	466194	600/500	2.25	2



Use:

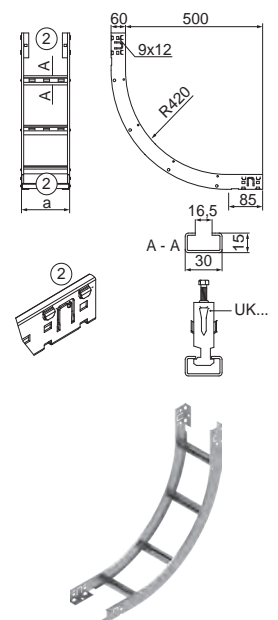
Changing the width of the cable route CLICK.

Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

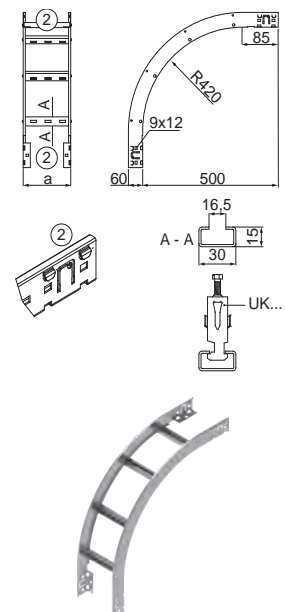
CLICK Vertical Internal Bend LPDFWP...H60 mat.: S

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LPDFWP100H60	466202	100	1.90	1
LPDFWP200H60	466203	200	2.26	1
LPDFWP300H60	466204	300	2.66	1
LPDFWP400H60	466205	400	3.02	1
LPDFWP500H60	466206	500	3.42	1
LPDFWP600H60	466207	600	3.82	1



CLICK Vertical External Bend LPDFZP...H60 mat.: S

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LPDFZP100H60	466208	100	1.90	1
LPDFZP200H60	466209	200	2.26	1
LPDFZP300H60	466210	300	2.66	1
LPDFZP400H60	466211	400	3.02	1
LPDFZP500H60	466212	500	3.42	1
LPDFZP600H60	466213	600	3.82	1



Use:

Changing the direction of CLICK type cable routing.

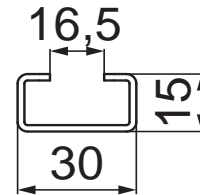
Additional information:

- quick and easy mounting
- stable snap-in connection
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm
- CLICK end type – 2
- **the CLICK system allows cable trays to be installed up to five times faster than traditional screw-mounted trays**

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

From 2025, cable ladder fittings are differentiated according to the type of rung used.

The existing symbol and catalogue number are maintained for fittings with rungs identical to those used in DUD..., DUP... DUC... cable ladders – for example: **LDC100H60N**.

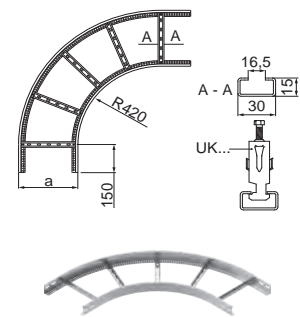


90° Horizontal Bend **LDC...H60N** mat.: S opcja: F, E, L

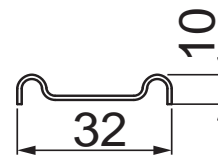
symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.]

Material thickness= 2,0 mm

LDC100H60N	466910	100	3,72	2
LDC200H60N	466920	200	4,47	2
LDC300H60N	466930	300	5,21	2
LDC400H60N	466940	400	5,95	2
LDC500H60N	466950	500	6,70	2
LDC600H60N	466960	600	7,45	2



A new symbol and catalogue number are introduced for fittings with rungs identical to those used in DKD..., DKP..., DKC... cable ladders – for example: **LDLC100H60N**.

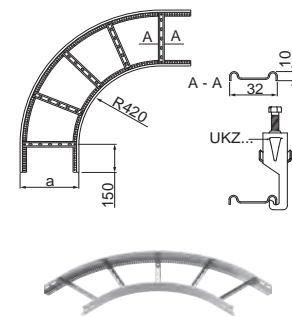


90° Horizontal Bend **LDLC...H60** mat.: S opcja: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.]

Material thickness= 2,0 mm

LDLC100H60	466911	100	3,72	2
LDLC200H60	466921	200	4,47	2
LDLC300H60	466931	300	5,21	2
LDLC400H60	466941	400	5,95	2
LDLC500H60	466951	500	6,70	2
LDLC600H60	466961	600	7,45	2

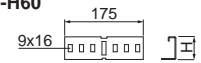


The changes apply to all cable ladder fittings – bends, tees, crosses, reducers, vertical bends and articulated bends.

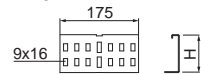
Short Angle Connector	LKKD...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness= 1,5 mm				
LKKDPH45	441400	49	0,18	20
Material thickness= 2,0 mm				
LKKDCH45	441401	50	0,23	20
Material thickness= 1,5 mm				
LKKDPH50	451102	54	0,18	20
Material thickness= 2,0 mm				
LKKDCH50	451103	55	0,24	20
Material thickness= 1,5 mm				
LKKDPH60	461104	64	0,20	20
Material thickness= 2,0 mm				
LKKDCH60	461105	65	0,27	20
Material thickness= 1,5 mm				
LKKDPH80	481102	84	0,23	20
Material thickness= 2,0 mm				
LKKDCH80	481103	85	0,30	20
Material thickness= 1,5 mm				
LKKDPH100	411104	104	0,27	20
Material thickness= 2,0 mm				
LKKDCH100	411105	105	0,36	20
Material thickness= 1,5 mm				
LKKDPH120	483507	124	0,31	20
Material thickness= 2,0 mm				
LKKDCH120	483508	125	0,41	20



H45-H60



H80-H120



Use:

Connection of cut-to-length cable ladders installed at different angles.

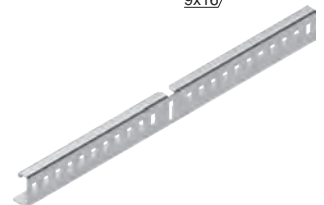
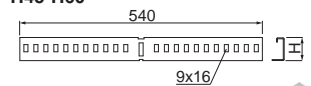
Additional information:

- connection of ladders without cutting, using two angle connectors: short LKKD... and long LKD... (length 540 mm)
- wide angle adjustment range (reduced connection cost).
- connection of ladders without cutting, using two short angle connectors LKKD...
- limited angle adjustment range (reduced connection cost).
- connection of ladders with cutting of the inner ladder side, using two short angle connectors LKKD...
- wide angle adjustment range (reduced connection cost).
- for installation, we recommend 4 sets of SGKM8x14 or SGM8x14 bolts.

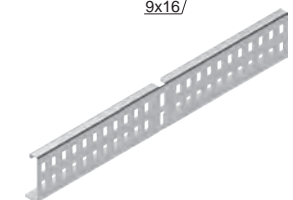
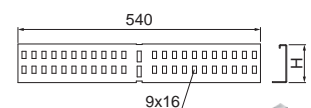
Angle Connector	LKD...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness= 1,5 mm				
LKDPH45	441399	49	0,34	20
Material thickness= 2,0 mm				
LKDCH45N	441101	50	0,45	20
Material thickness= 1,5 mm				
LKDPH50	451099	54	0,40	20
Material thickness= 2,0 mm				
LKDCH50N	451101	55	0,53	20
Material thickness= 1,5 mm				
LKDPH60	461099	64	0,44	20
Material thickness= 2,0 mm				
LKDC/LKDOCH60N	461101	65	0,58	20
Material thickness= 1,5 mm				
LKDPH80	481099	84	0,47	20
Material thickness= 2,0 mm				
LKDCH80N	481101	85	0,62	20
Material thickness= 1,5 mm				
LKDPH100	411099	104	0,49	20
Material thickness= 2,0 mm				
LKDCH100N	411101	105	0,65	20
Material thickness= 1,5 mm				
LKDPH120	483495	124	0,98	20
Material thickness= 2,0 mm				
LKDCH120N	483502	125	1,30	20



H45-H60



H80-H120



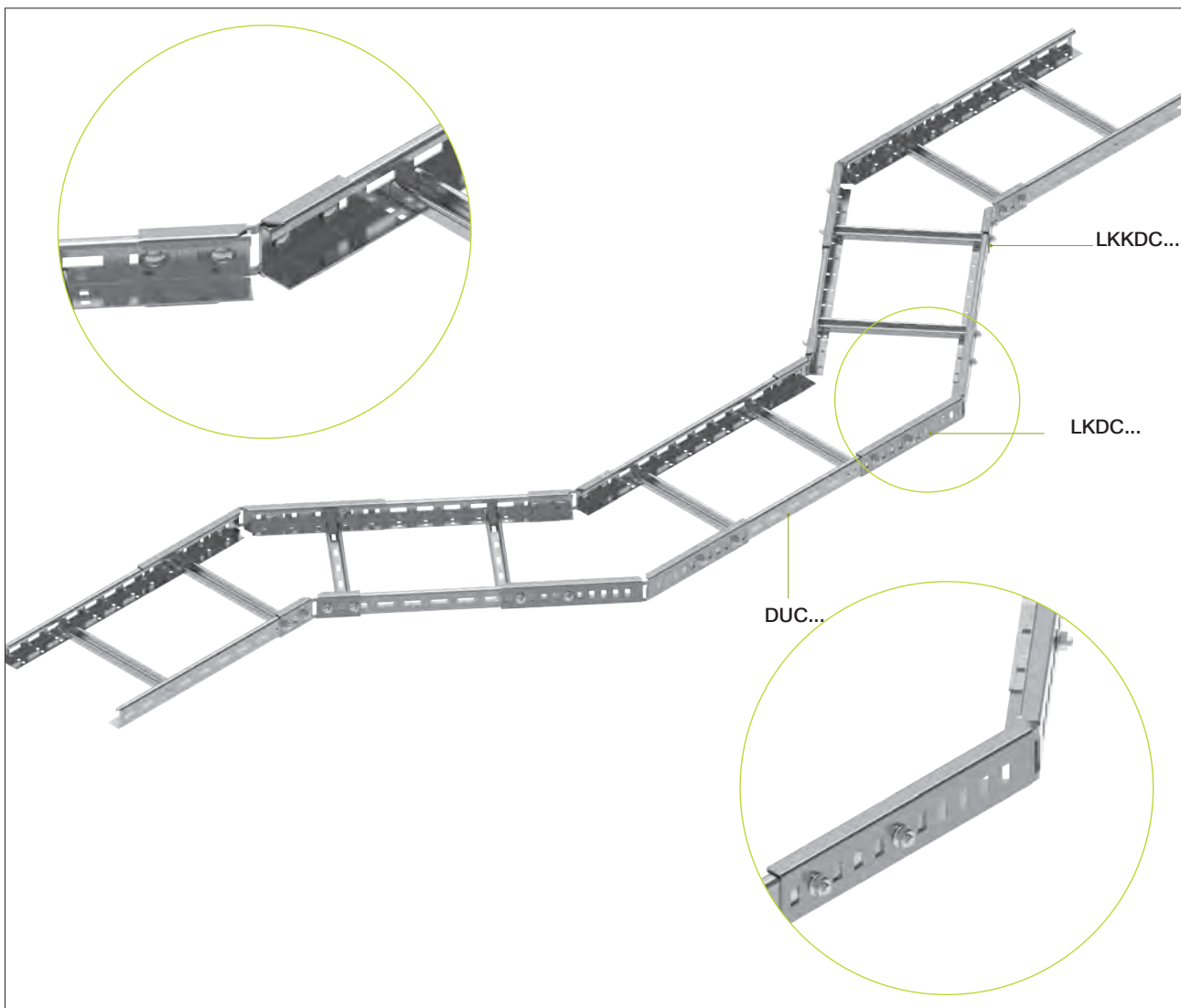
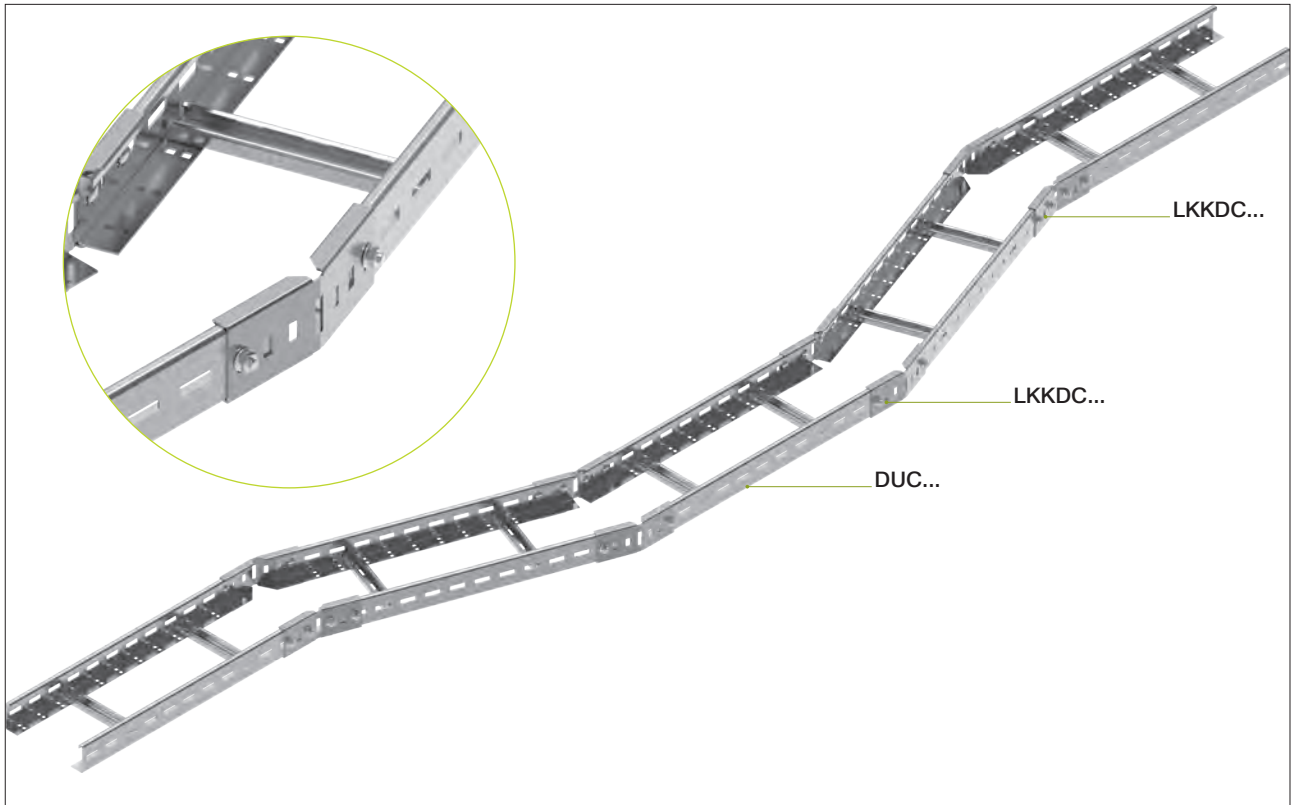
Use:

Connection of cable ladders installed at different angles. When used together with the LKKD... connector, no cutting of the connected straight sections is required.

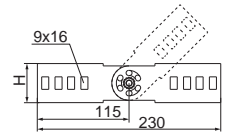
Additional information:

- use 4 sets of SGKM8x14 or SGM8x14 bolts for installation.
- the new dense perforation pattern ensures bolted connection of two ladders cut at any point, both at an angle and in straight alignment, without additional drilling.

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



Articulated connector		LG...H45N		mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
LGCH45N	441301	50	0.10	10	LGTH45N	
Material thickness = 3.0 mm						
LGTH45N	441302	52	0.15	10	LGCH45N	



Articulated connector		LG...H50N		mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
LGCH50N	451301	55	0.14	10	LGTH50N	
Material thickness = 3.0 mm						
LGTH50N	451302	57	0.20	10	LGCH50N	



Articulated connector		LGC/LGOCH60N		mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 2.0 mm						
LGC/LGOCH60N	461301	65	0.20	10	LGTH60N	



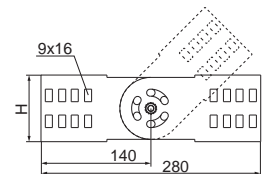
Articulated connector		LGTH60N		mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 3.0 mm						
LGTH60N	461302	67	0.30	10	LGC/LGOCH60N	



Additional information:

- use 4 sets of SGK8x14 or SGM8x14 bolts for mounting

Articulated connector		LG...H80		mat.: S	option: F, E, L	
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute	
Material thickness = 1.5 mm						
LGDPH80	481299	84	0.20	10	LGCH80N	
Material thickness = 2.0 mm						
LGCH80N	481301	85	0.27	10	LGTH80N	
Material thickness = 3.0 mm						
LGTH80N	481302	87	0.40	10	LGCH80N	



Use:

Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

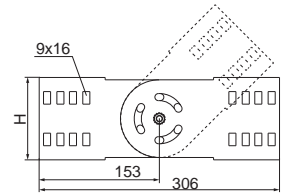
Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Articulated connector LG...H100 mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LGDPH100	411299	104	0.26	10	LGCH100N
Material thickness = 2.0 mm					
LGCH100N	411301	105	0.34	10	LGTH100N
Material thickness = 3.0 mm					
LGTH100N	411302	107	0.51	10	LGCH100N



Articulated connector LG...H120 mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LGDPH120	483497	124	0.33	30	LGCH120N
Material thickness = 2.0 mm					
LGCH120N	483505	125	0.44	30	LGTH120N
Material thickness = 3.0 mm					
LGTH120N	483506	127	0.67	10	LGCH120N



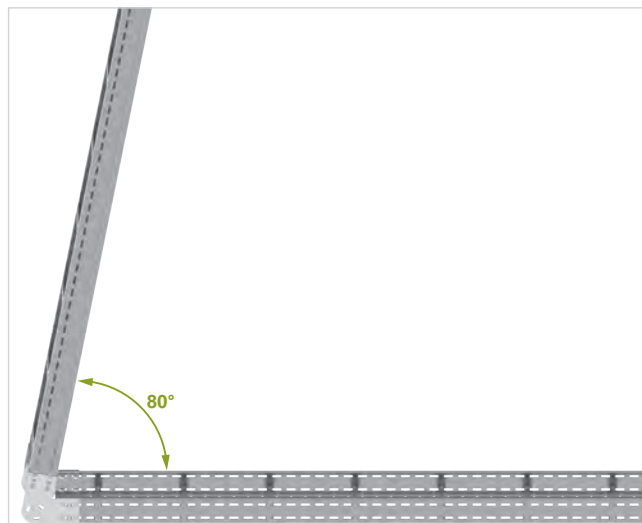
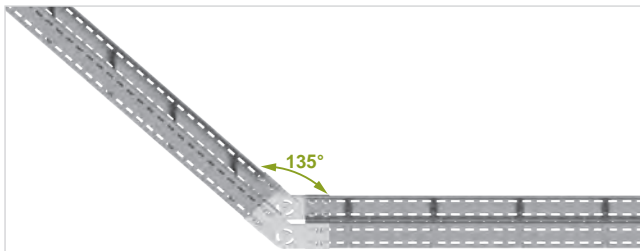
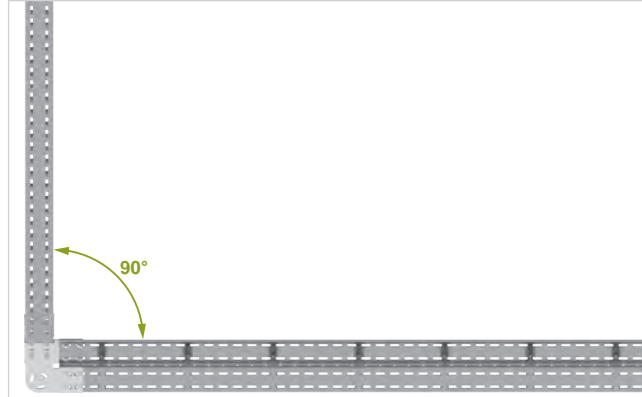
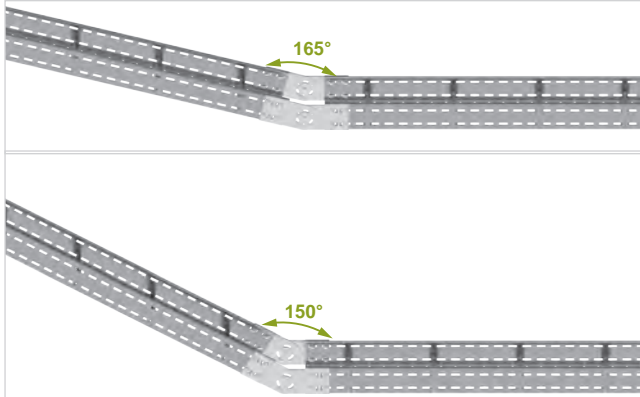
Use:

Connecting cable ladders routed at different angles. Full range angle adjustment with locking mechanism.

Additional information:

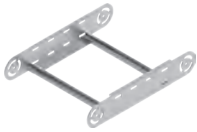
- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting

Examples of angle connections



New adjustable bends for the cable ladder system, heights 45–120 mm
ELMD... adjustable bend element

ELMD...H45



ELMD...H50



ELMD...H60



ELMD...H80



ELMD...H100



ELMD...H120



LPMD... adjustable bend

LPMD...H45



LPMD...H50



LPMD...H60



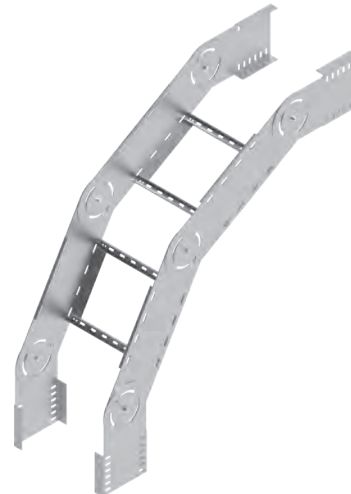
LPMD...H80



LPMD...H100



LPMD...H120

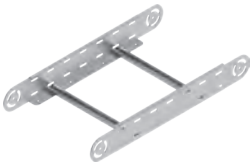


smaller bend version for installation in areas with limited space

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

ELD... adjustable bend element

ELD...H45



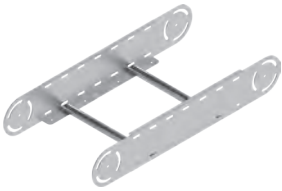
ELD...H50



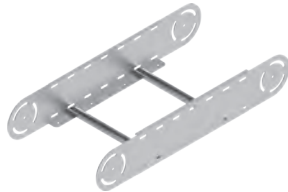
ELD...H60



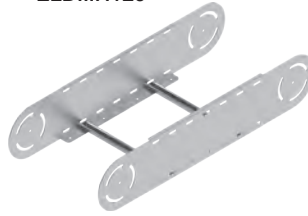
ELMD...H80



ELD...H100



ELD...H120



LPD... adjustable bend

LPD...H45



LPD...H50



LPD...H60



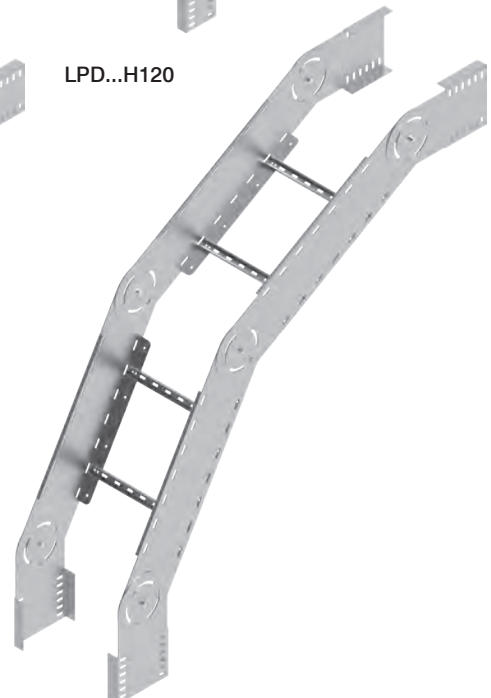
LPD...H80



LPD...H100

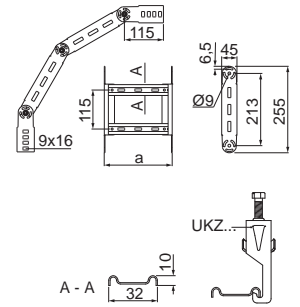


LPD...H120



larger bend version for cables with greater bending radii

Adjustable Vertical Bend		LPMDLP...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDLP100H45	447613	100	1.58	2	LPMDLC100H45
LPMDLP200H45	447623	200	1.80	2	LPMDLC200H45
LPMDLP300H45	447633	300	2.04	2	LPMDLC300H45
LPMDLP400H45	447643	400	2.28	2	LPMDLC400H45
LPMDLP500H45	447653	500	2.52	2	LPMDLC500H45
LPMDLP600H45	447663	600	2.77	2	LPMDLC600H45



Adjustable Vertical Bend		LPMDLC...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDLC100H45	447713	100	2.86	2	LPMDLP100H45
LPMDLC200H45	447723	200	2.13	2	LPMDLP200H45
LPMDLC300H45	447733	300	2.37	2	LPMDLP300H45
LPMDLC400H45	447743	400	2.62	2	LPMDLP400H45
LPMDLC500H45	447753	500	2.86	2	LPMDLP500H45
LPMDLC600H45	447763	600	3.10	2	LPMDLP600H45



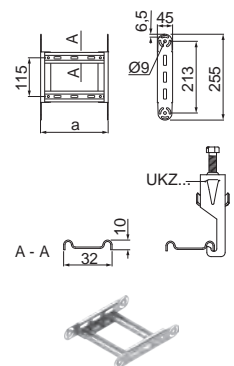
Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELMDLP...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDLP100H45	447718	100	0.52	2	ELMDLC100H45
ELMDLP200H45	447728	200	0.64	2	ELMDLC200H45
ELMDLP300H45	447738	300	0.76	2	ELMDLC300H45
ELMDLP400H45	447748	400	0.88	2	ELMDLC400H45
ELMDLP500H45	447758	500	1.00	2	ELMDLC500H45
ELMDLP600H45	447768	600	1.12	2	ELMDLC600H45



Adjustable Vertical Bend Element		ELMDLC...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDLC100H45	447719	100	0.69	2	ELMDLP100H45
ELMDLC200H45	447729	200	0.81	2	ELMDLP200H45
ELMDLC300H45	447739	300	0.93	2	ELMDLP300H45
ELMDLC400H45	447749	400	1.05	2	ELMDLP400H45
ELMDLC500H45	447759	500	1.17	2	ELMDLP500H45
ELMDLC600H45	447769	600	1.29	2	ELMDLP600H45



Use:

Increasing the radius of the adjustable bend.

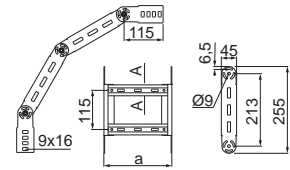
Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

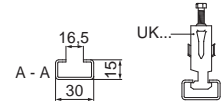
Adjustable Vertical Bend **LPMDP...H45** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LPMDP100H45	447611	100	1.62	2	LPMDP100H45
LPMDP200H45	447621	200	1.85	2	LPMDP200H45
LPMDP300H45	447631	300	2.12	2	LPMDP300H45
LPMDP400H45	447641	400	2.38	2	LPMDP400H45
LPMDP500H45	447651	500	2.64	2	LPMDP500H45
LPMDP600H45	447661	600	2.90	2	LPMDP600H45



Adjustable Vertical Bend **LPMDC...H45** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

LPMDC100H45	447711	100	1.88	2	LPMDC100H45
LPMDC200H45	447721	200	2.18	2	LPMDC200H45
LPMDC300H45	447731	300	2.45	2	LPMDC300H45
LPMDC400H45	447741	400	2.72	2	LPMDC400H45
LPMDC500H45	447751	500	2.97	2	LPMDC500H45
LPMDC600H45	447761	600	3.24	2	LPMDC600H45

Use:

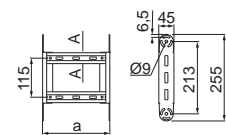
Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

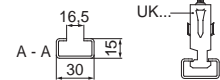
Adjustable Vertical Bend Element **ELMDP...H45** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

ELMDP100H45	447615	100	0.52	2	ELMDP100H45
ELMDP200H45	447625	200	0.67	2	ELMDP200H45
ELMDP300H45	447635	300	0.80	2	ELMDP300H45
ELMDP400H45	447645	400	0.93	2	ELMDP400H45
ELMDP500H45	447655	500	1.06	2	ELMDP500H45
ELMDP600H45	447665	600	1.20	2	ELMDP600H45



Adjustable Vertical Bend Element **ELMDC...H45** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

ELMDC100H45	447715	100	0.69	2	ELMDC100H45
ELMDC200H45	447725	200	0.83	2	ELMDC200H45
ELMDC300H45	447735	300	0.97	2	ELMDC300H45
ELMDC400H45	447745	400	1.10	2	ELMDC400H45
ELMDC500H45	447755	500	1.23	2	ELMDC500H45
ELMDC600H45	447765	600	1.36	2	ELMDC600H45

Use:

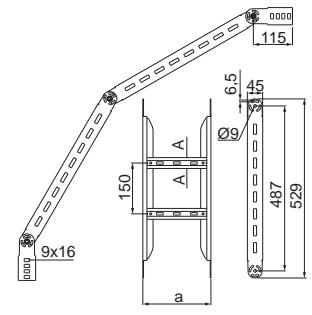
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps



Adjustable Vertical Bend		LPDLP...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDLP100H45	447612	100	2.56	2	LPDLC100H45
LPDLP200H45	447622	200	2.80	2	LPDLC200H45
LPDLP300H45	447632	300	3.04	2	LPDLC300H45
LPDLP400H45	447642	400	3.28	2	LPDLC400H45
LPDLP500H45	447652	500	3.53	2	LPDLC500H45
LPDLP600H45	447662	600	3.77	2	LPDLC600H45



Adjustable Vertical Bend		LPDLC...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDLC100H45	447712	100	3.31	2	LPDLP100H45
LPDLC200H45	447722	200	3.57	2	LPDLP200H45
LPDLC300H45	447732	300	3.82	2	LPDLP300H45
LPDLC400H45	447742	400	4.06	2	LPDLP400H45
LPDLC500H45	447752	500	4.30	2	LPDLP500H45
LPDLC600H45	447762	600	4.54	2	LPDLP600H45



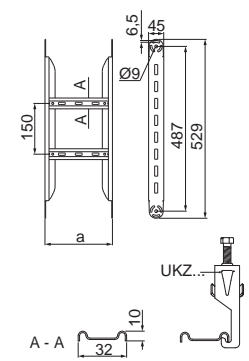
Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELDLP...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDLP100H45	447716	100	1.02	2	ELDLC100H45
ELDLP200H45	447726	200	1.14	2	ELDLC200H45
ELDLP300H45	447736	300	1.26	2	ELDLC300H45
ELDLP400H45	447746	400	1.38	2	ELDLC400H45
ELDLP500H45	447756	500	1.51	2	ELDLC500H45
ELDLP600H45	447766	600	1.63	2	ELDLC600H45



Adjustable Vertical Bend Element		ELDLC...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDLC100H45	447717	100	1.41	2	ELDLP100H45
ELDLC200H45	447727	200	1.53	2	ELDLP200H45
ELDLC300H45	447737	300	1.65	2	ELDLP300H45
ELDLC400H45	447747	400	1.77	2	ELDLP400H45
ELDLC500H45	447757	500	1.89	2	ELDLP500H45
ELDLC600H45	447767	600	2.01	2	ELDLP600H45



Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LPDP...H45N	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute

Material thickness = 1.5 mm

LPDP100H45N	447610	100	3.48	2	LPDC100H45N
LPDP200H45N	447620	200	3.86	2	LPDC200H45N
LPDP300H45N	447630	300	4.25	2	LPDC300H45N
LPDP400H45N	447640	400	4.83	2	LPDC400H45N
LPDP500H45N	447650	500	5.00	2	LPDC500H45N
LPDP600H45N	447660	600	5.40	2	LPDC600H45N

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm (see Section XIX for details)

Adjustable Vertical Bend		LPDC...H45N	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute

Material thickness = 2.0 mm

LPDC100H45N	447710	100	4.45	2	LPDP100H45N
LPDC200H45N	447720	200	4.94	2	LPDP200H45N
LPDC300H45N	447730	300	5.47	2	LPDP300H45N
LPDC400H45N	447740	400	6.23	2	LPDP400H45N
LPDC500H45N	447750	500	6.48	2	LPDP500H45N
LPDC600H45N	447760	600	7.00	2	LPDP600H45N

Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELDP...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute

Material thickness = 1.5 mm

ELDP100H45	447614	100	1.02	2	ELDC100H45
ELDP200H45	447624	200	1.17	2	ELDC200H45
ELDP300H45	447634	300	1.30	2	ELDC300H45
ELDP400H45	447644	400	1.44	2	ELDC400H45
ELDP500H45	447654	500	1.56	2	ELDC500H45
ELDP600H45	447664	600	1.70	2	ELDC600H45

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps
- option E90 for widths of 100 – 400 mm (see Section XIX for details)

Adjustable Vertical Bend Element		ELDC...H45	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute

Material thickness = 2.0 mm

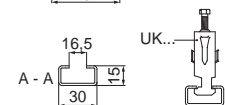
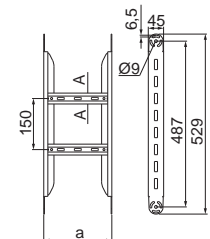
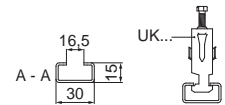
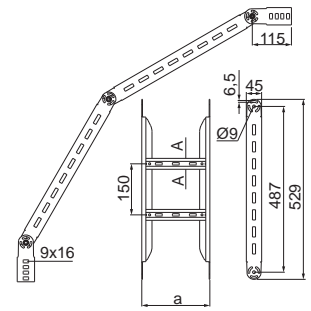
ELDC100H45	447714	100	1.41	2	ELDP100H45
ELDC200H45	447724	200	1.56	2	ELDP200H45
ELDC300H45	447734	300	1.69	2	ELDP300H45
ELDC400H45	447744	400	1.82	2	ELDP400H45
ELDC500H45	447754	500	1.95	2	ELDP500H45
ELDC600H45	447764	600	2.08	2	ELDP600H45

Use:

Increasing the radius of the adjustable bend.

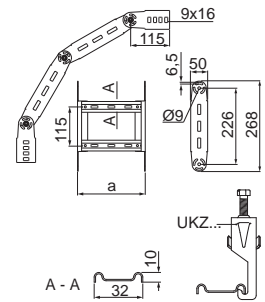
Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend LPMDLP...H50 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDLP100H50	457613	100	1.55	2	LPMDLC100H50
LPMDLP200H50	457623	200	1.87	2	LPMDLC200H50
LPMDLP300H50	457633	300	2.11	2	LPMDLC300H50
LPMDLP400H50	457643	400	2.36	2	LPMDLC400H50
LPMDLP500H50	457653	500	2.60	2	LPMDLC500H50
LPMDLP600H50	457663	600	2.84	2	LPMDLC600H50



Adjustable Vertical Bend LPMDLC...H50 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDLC100H50	457713	100	1.92	2	LPMDLP100H50
LPMDLC200H50	457723	200	2.22	2	LPMDLP200H50
LPMDLC300H50	457733	300	2.47	2	LPMDLP300H50
LPMDLC400H50	457743	400	2.71	2	LPMDLP400H50
LPMDLC500H50	457753	500	2.95	2	LPMDLP500H50
LPMDLC600H50	457763	600	3.19	2	LPMDLP600H50



Use:

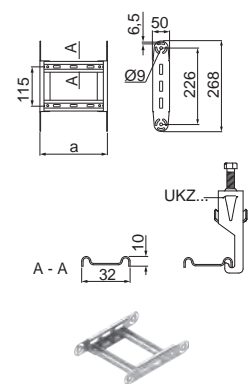
Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element ELMDLP...H50 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDLP100H50	457617	100	0.54	2	ELMDLC100H50
ELMDLP200H50	457627	200	0.66	2	ELMDLC200H50
ELMDLP300H50	457637	300	0.78	2	ELMDLC300H50
ELMDLP400H50	457647	400	0.90	2	ELMDLC400H50
ELMDLP500H50	457657	500	1.02	2	ELMDLC500H50
ELMDLP600H50	457667	600	1.15	2	ELMDLC600H50



Adjustable Vertical Bend Element ELMDLC...H50 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDLC100H50	457717	100	0.72	2	ELMDLP100H50
ELMDLC200H50	457727	200	0.84	2	ELMDLP200H50
ELMDLC300H50	457737	300	0.96	2	ELMDLP300H50
ELMDLC400H50	457747	400	1.08	2	ELMDLP400H50
ELMDLC500H50	457757	500	1.20	2	ELMDLP500H50
ELMDLC600H50	457767	600	1.32	2	ELMDLP600H50



Use:

Increasing the radius of the adjustable bend.

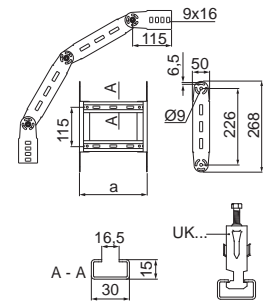
Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend **LPMDP...H50** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

LPMDP100H50	457611	100	1.65	2	LPMDP100H50
LPMDP200H50	457621	200	1.92	2	LPMDP200H50
LPMDP300H50	457631	300	2.19	2	LPMDP300H50
LPMDP400H50	457641	400	2.46	2	LPMDP400H50
LPMDP500H50	457651	500	2.71	2	LPMDP500H50
LPMDP600H50	457661	600	2.98	2	LPMDP600H50

Adjustable Vertical Bend **LPMDC...H50** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

LPMDC100H50	457711	100	2.06	2	LPMDC100H50
LPMDC200H50	457721	200	2.28	2	LPMDC200H50
LPMDC300H50	457731	300	2.54	2	LPMDC300H50
LPMDC400H50	457741	400	2.81	2	LPMDC400H50
LPMDC500H50	457751	500	3.06	2	LPMDC500H50
LPMDC600H50	457761	600	3.33	2	LPMDC600H50

Use:

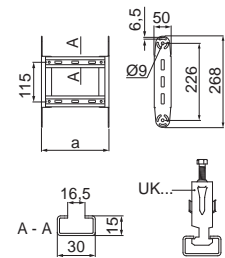
Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element **ELMDP...H50** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm

ELMDP100H50	457615	100	0.54	2	ELMDP100H50
ELMDP200H50	457625	200	0.69	2	ELMDP200H50
ELMDP300H50	457635	300	0.82	2	ELMDP300H50
ELMDP400H50	457645	400	0.96	2	ELMDP400H50
ELMDP500H50	457655	500	1.08	2	ELMDP500H50
ELMDP600H50	457665	600	1.22	2	ELMDP600H50

Adjustable Vertical Bend Element **ELMDC...H50** mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 2.0 mm

ELMDC100H50	457715	100	0.72	2	ELMDC100H50
ELMDC200H50	457725	200	0.86	2	ELMDC200H50
ELMDC300H50	457735	300	1.00	2	ELMDC300H50
ELMDC400H50	457745	400	1.13	2	ELMDC400H50
ELMDC500H50	457755	500	1.26	2	ELMDC500H50
ELMDC600H50	457765	600	1.39	2	ELMDC600H50

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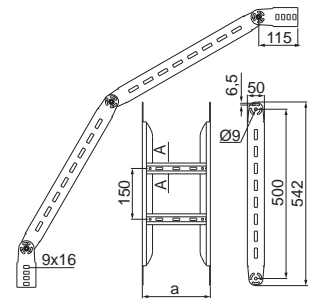
Increasing the radius of the adjustable bend.

Additional information:

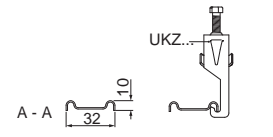
- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend		LPDLP...H50	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDLP100H50	457612	100	2.67	2	LPDLC100H50
LPDLP200H50	457622	200	2.94	2	LPDLC200H50
LPDLP300H50	457632	300	3.18	2	LPDLC300H50
LPDLP400H50	457642	400	3.42	2	LPDLC400H50
LPDLP500H50	457652	500	3.66	2	LPDLC500H50
LPDLP600H50	457662	600	3.90	2	LPDLC600H50



Adjustable Vertical Bend		LPDLC...H50	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDLC100H50	457712	100	3.52	2	LPDLP100H50
LPDLC200H50	457722	200	3.75	2	LPDLP200H50
LPDLC300H50	457732	300	4.00	2	LPDLP300H50
LPDLC400H50	457742	400	4.24	2	LPDLP400H50
LPDLC500H50	457752	500	4.48	2	LPDLP500H50
LPDLC600H50	457762	600	4.72	2	LPDLP600H50



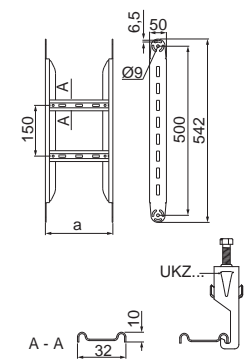
Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELDLP...H50	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDLP100H50	457616	100	1.07	2	ELDLC100H50
ELDLP200H50	457626	200	1.19	2	ELDLC200H50
ELDLP300H50	457636	300	1.32	2	ELDLC300H50
ELDLP400H50	457646	400	1.44	2	ELDLC400H50
ELDLP500H50	457656	500	1.56	2	ELDLC500H50
ELDLP600H50	457666	600	1.68	2	ELDLC600H50



Adjustable Vertical Bend Element		ELDLC...H50	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDLC100H50	457716	100	1.48	2	ELDLP100H50
ELDLC200H50	457726	200	1.60	2	ELDLP200H50
ELDLC300H50	457736	300	1.72	2	ELDLP300H50
ELDLC400H50	457746	400	1.84	2	ELDLP400H50
ELDLC500H50	457756	500	1.97	2	ELDLP500H50
ELDLC600H50	457766	600	2.09	2	ELDLP600H50



Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

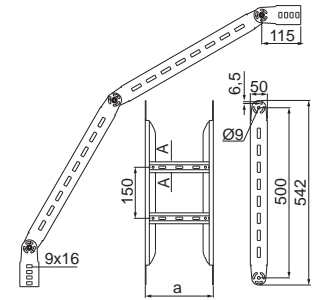
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LPDP...H50N mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

LPDP100H50N	457610	100	3.68	2	LPDC100H50N
LPDP200H50N	457620	200	4.21	2	LPDC200H50N
LPDP300H50N	457630	300	4.60	2	LPDC300H50N
LPDP400H50N	457640	400	4.98	2	LPDC400H50N
LPDP500H50N	457650	500	5.36	2	LPDC500H50N
LPDP600H50N	457660	600	5.75	2	LPDC600H50N

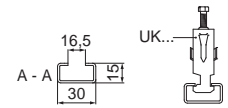


Adjustable Vertical Bend LPDC...H50N mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

LPDC100H50N	457710	100	4.84	2	LPDP100H50N
LPDC200H50N	457720	200	5.34	2	LPDP200H50N
LPDC300H50N	457730	300	5.88	2	LPDP300H50N
LPDC400H50N	457740	400	6.36	2	LPDP400H50N
LPDC500H50N	457750	500	6.88	2	LPDP500H50N
LPDC600H50N	457760	600	7.40	2	LPDP600H50N



Use:
Changing the direction of the cable route.

Additional information:

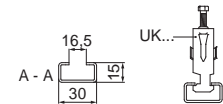
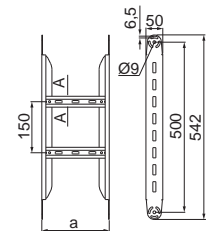
- use 8 sets of SGKM8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element ELDP...H50 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

ELDP100H50	457614	100	1.07	2	ELDC100H50
ELDP200H50	457624	200	1.22	2	ELDC200H50
ELDP300H50	457634	300	1.35	2	ELDC300H50
ELDP400H50	457644	400	1.49	2	ELDC400H50
ELDP500H50	457654	500	1.61	2	ELDC500H50
ELDP600H50	457664	600	1.75	2	ELDC600H50



Adjustable Vertical Bend Element ELDC...H50 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

ELDC100H50	457714	100	1.48	2	ELDP100H50
ELDC200H50	457724	200	1.63	2	ELDP200H50
ELDC300H50	457734	300	1.76	2	ELDP300H50
ELDC400H50	457744	400	1.90	2	ELDP400H50
ELDC500H50	457754	500	2.02	2	ELDP500H50
ELDC600H50	457764	600	2.16	2	ELDP600H50



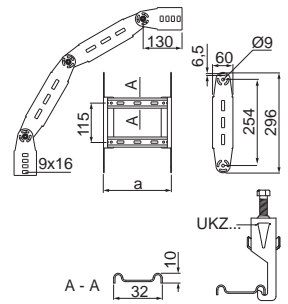
Use:
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend		LPMDLP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDLP100H60	467613	100	1.81	2	LPMDLC100H60
LPMDLP200H60	467623	200	2.01	2	LPMDLC200H60
LPMDLP300H60	467633	300	2.25	2	LPMDLC300H60
LPMDLP400H60	467643	400	2.49	2	LPMDLC400H60
LPMDLP500H60	467653	500	2.73	2	LPMDLC500H60
LPMDLP600H60	467663	600	2.98	2	LPMDLC600H60



Adjustable Vertical Bend		LPMDLC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDLC100H60	467713	100	1.96	2	LPMDLP100H60
LPMDLC200H60	467723	200	2.40	2	LPMDLP200H60
LPMDLC300H60	467733	300	2.64	2	LPMDLP300H60
LPMDLC400H60	467743	400	2.88	2	LPMDLP400H60
LPMDLC500H60	467753	500	3.12	2	LPMDLP500H60
LPMDLC600H60	467763	600	3.36	2	LPMDLP600H60



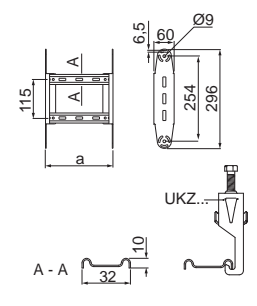
Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELMDLP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDLP100H60	467617	100	0.58	2	ELMDLC100H60
ELMDLP200H60	467627	200	0.70	2	ELMDLC200H60
ELMDLP300H60	467637	300	0.82	2	ELMDLC300H60
ELMDLP400H60	467647	400	0.94	2	ELMDLC400H60
ELMDLP500H60	467657	500	1.07	2	ELMDLC500H60
ELMDLP600H60	467667	600	1.19	2	ELMDLC600H60



Adjustable Vertical Bend Element		ELMDLC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDLC100H60	467717	100	0.78	2	ELMDLP100H60
ELMDLC200H60	467727	200	0.90	2	ELMDLP200H60
ELMDLC300H60	467737	300	1.02	2	ELMDLP300H60
ELMDLC400H60	467747	400	1.14	2	ELMDLP400H60
ELMDLC500H60	467757	500	1.26	2	ELMDLP500H60
ELMDLC600H60	467767	600	1.38	2	ELMDLP600H60



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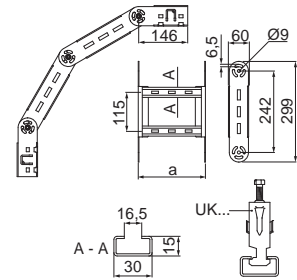
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LPMDP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDP100H60	467611	100	1.81	2	LPMDC100H60
LPMDP200H60	467621	200	2.06	2	LPMDC200H60
LPMDP300H60	467631	300	2.33	2	LPMDC300H60
LPMDP400H60	467641	400	2.59	2	LPMDC400H60
LPMDP500H60	467651	500	2.85	2	LPMDC500H60
LPMDP600H60	467661	600	3.12	2	LPMDC600H60



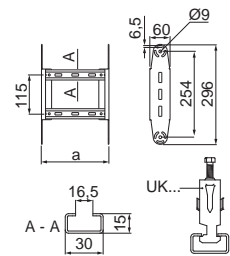
Adjustable Vertical Bend		LPMDC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDC100H60	467711	100	2.22	2	LPMDP100H60
LPMDC200H60	467721	200	2.45	2	LPMDP200H60
LPMDC300H60	467731	300	2.72	2	LPMDP300H60
LPMDC400H60	467741	400	2.98	2	LPMDP400H60
LPMDC500H60	467751	500	3.24	2	LPMDP500H60
LPMDC600H60	467761	600	3.50	2	LPMDP600H60



Use:
Changing the direction of the cable route.

- Additional information:**
- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
 - rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELMDP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDP100H60	467616	100	0.59	2	ELMDC100H60
ELMDP200H60	467626	200	0.73	2	ELMDC200H60
ELMDP300H60	467636	300	0.86	2	ELMDC300H60
ELMDP400H60	467646	400	1.00	2	ELMDC400H60
ELMDP500H60	467656	500	1.12	2	ELMDC500H60
ELMDP600H60	467666	600	1.26	2	ELMDC600H60



Adjustable Vertical Bend Element		ELMDC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDC100H60	467716	100	0.78	2	ELMDP100H60
ELMDC200H60	467726	200	0.92	2	ELMDP200H60
ELMDC300H60	467736	300	1.06	2	ELMDP300H60
ELMDC400H60	467746	400	1.19	2	ELMDP400H60
ELMDC500H60	467756	500	1.32	2	ELMDP500H60
ELMDC600H60	467766	600	1.45	2	ELMDP600H60

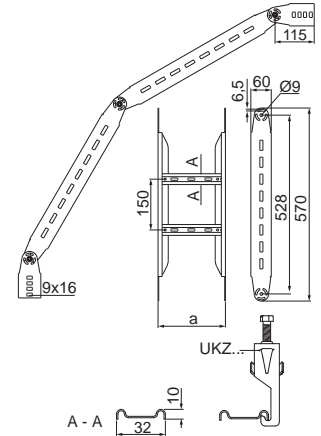


Use:
Increasing the radius of the adjustable bend.

- Additional information:**
- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend		LPDLP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDLP100H60	467612	100	1.96	2	LPDLC100H60
LPDLP200H60	467622	200	3.19	2	LPDLC200H60
LPDLP300H60	467632	300	3.44	2	LPDLC300H60
LPDLP400H60	467642	400	3.68	2	LPDLC400H60
LPDLP500H60	467652	500	3.92	2	LPDLC500H60
LPDLP600H60	467662	600	4.16	2	LPDLC600H60



Adjustable Vertical Bend		LPDLC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDLC100H60	467712	100	3.78	2	LPDLP100H60
LPDLC200H60	467722	200	4.10	2	LPDLP200H60
LPDLC300H60	467732	300	4.34	2	LPDLP300H60
LPDLC400H60	467742	400	4.58	2	LPDLP400H60
LPDLC500H60	467752	500	4.82	2	LPDLP500H60
LPDLC600H60	467762	600	5.07	2	LPDLP600H60



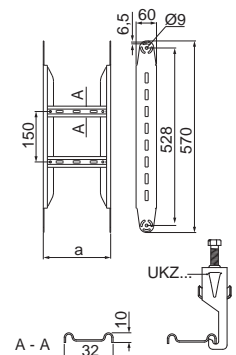
Use:

Changing the direction of the cable route.

Additional information:

- use 8 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELDLP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDLP100H60	467615	100	1.17	2	ELDLC100H60
ELDLP200H60	467625	200	1.30	2	ELDLC200H60
ELDLP300H60	467635	300	1.42	2	ELDLC300H60
ELDLP400H60	467645	400	1.54	2	ELDLC400H60
ELDLP500H60	467655	500	1.66	2	ELDLC500H60
ELDLP600H60	467665	600	1.78	2	ELDLC600H60



Adjustable Vertical Bend Element		ELDLC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDLC100H60	467715	100	1.63	2	ELDLP100H60
ELDLC200H60	467725	200	1.75	2	ELDLP200H60
ELDLC300H60	467735	300	1.87	2	ELDLP300H60
ELDLC400H60	467745	400	1.99	2	ELDLP400H60
ELDLC500H60	467755	500	2.11	2	ELDLP500H60
ELDLC600H60	467765	600	2.23	2	ELDLP600H60



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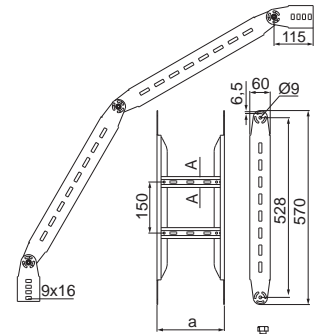
Increasing the radius of the adjustable bend.

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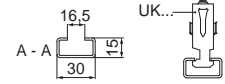
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LPDP...H60N	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDP100H60N	467610	100	4.60	2	LPDC100H60N
LPDP200H60N	467620	200	4.97	2	LPDC200H60N
LPDP300H60N	467630	300	5.36	2	LPDC300H60N
LPDP400H60N	467640	400	5.93	2	LPDC400H60N
LPDP500H60N	467650	500	6.11	2	LPDC500H60N
LPDP600H60N	467660	600	6.51	2	LPDC600H60N



Adjustable Vertical Bend		LPDC...H60N	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDC100H60N	467710	100	5.70	2	LPDP100H60N
LPDC200H60N	467720	200	6.20	2	LPDP200H60N
LPDC300H60N	467730	300	6.74	2	LPDP300H60N
LPDC400H60N	467740	400	7.50	2	LPDP400H60N
LPDC500H60N	467750	500	7.75	2	LPDP500H60N
LPDC600H60N	467760	600	8.27	2	LPDP600H60N

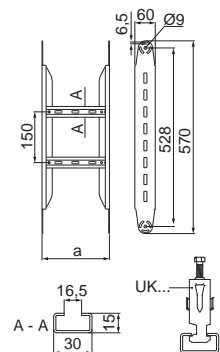


Use:
Changing the direction of the cable route.

Additional information:

- use 8 sets of SGKM8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELDP...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDP100H60	467614	100	1.17	2	ELDC100H60
ELDP200H60	467624	200	1.32	2	ELDC200H60
ELDP300H60	467634	300	1.45	2	ELDC300H60
ELDP400H60	467644	400	1.59	2	ELDC400H60
ELDP500H60	467654	500	1.72	2	ELDC500H60
ELDP600H60	467664	600	1.85	2	ELDC600H60



Adjustable Vertical Bend Element		ELDC...H60	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDC100H60	467714	100	1.63	2	ELDP100H60
ELDC200H60	467724	200	1.77	2	ELDP200H60
ELDC300H60	467734	300	1.91	2	ELDP300H60
ELDC400H60	467744	400	2.04	2	ELDP400H60
ELDC500H60	467754	500	2.17	2	ELDP500H60
ELDC600H60	467764	600	2.30	2	ELDP600H60



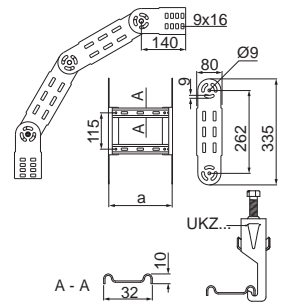
Use:
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend		LPMDLP...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDLP100H80	497013	100	2.30	2	LPMDLC100H80
LPMDLP200H80	497023	200	2.54	2	LPMDLC200H80
LPMDLP300H80	497033	300	2.78	2	LPMDLC300H80
LPMDLP400H80	497043	400	3.02	2	LPMDLC400H80
LPMDLP500H80	497053	500	3.26	2	LPMDLC500H80
LPMDLP600H80	497063	600	3.48	2	LPMDLC600H80



Adjustable Vertical Bend		LPMDLC...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDLC100H80	497113	100	2.84	2	LPDP100H45N
LPMDLC200H80	497123	200	3.02	2	LPDP200H45N
LPMDLC300H80	497133	300	3.27	2	LPDP300H45N
LPMDLC400H80	497143	400	3.51	2	LPDP400H45N
LPMDLC500H80	497153	500	3.75	2	LPDP500H45N
LPMDLC600H80	497163	600	3.99	2	LPDP600H45N



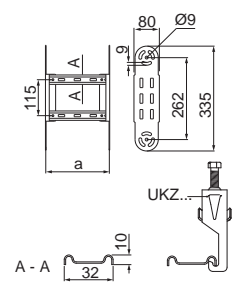
Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELMDLP...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDLP100H80	497017	100	0.70	2	ELMDLC100H80
ELMDLP200H80	497027	200	0.82	2	ELMDLC200H80
ELMDLP300H80	497037	300	0.94	2	ELMDLC300H80
ELMDLP400H80	497047	400	1.06	2	ELMDLC400H80
ELMDLP500H80	497057	500	1.18	2	ELMDLC500H80
ELMDLP600H80	497067	600	1.30	2	ELMDLC600H80



Adjustable Vertical Bend Element		ELMDLC...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDLC100H80	497117	100	0.94	2	ELMDLP100H80
ELMDLC200H80	497127	200	1.06	2	ELMDLP200H80
ELMDLC300H80	497137	300	1.18	2	ELMDLP300H80
ELMDLC400H80	497147	400	1.30	2	ELMDLP400H80
ELMDLC500H80	497157	500	1.43	2	ELMDLP500H80
ELMDLC600H80	497167	600	1.55	2	ELMDLP600H80



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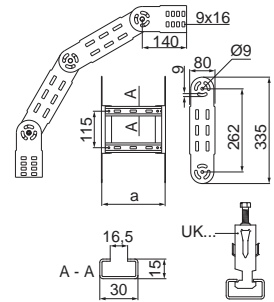
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LPMDP...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDP100H80	497011	100	2.32	2	LPMDP100H80
LPMDP200H80	497021	200	2.59	2	LPMDP200H80
LPMDP300H80	497031	300	2.86	2	LPMDP300H80
LPMDP400H80	497041	400	3.12	2	LPMDP400H80
LPMDP500H80	497051	500	3.38	2	LPMDP500H80
LPMDP600H80	497061	600	3.64	2	LPMDP600H80



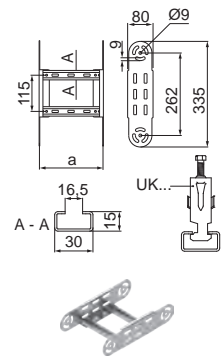
Adjustable Vertical Bend		LPMDC...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDC100H80	497111	100	2.81	2	LPMDC100H80
LPMDC200H80	497121	200	3.08	2	LPMDC200H80
LPMDC300H80	497131	300	3.34	2	LPMDC300H80
LPMDC400H80	497141	400	3.61	2	LPMDC400H80
LPMDC500H80	497151	500	3.86	2	LPMDC500H80
LPMDC600H80	497161	600	4.13	2	LPMDC600H80



Use:
Changing the direction of the cable route.

- Additional information:**
- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
 - rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELMDP...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDP100H80	497115	100	0.70	2	ELMDP100H80
ELMDP200H80	497125	200	0.84	2	ELMDP200H80
ELMDP300H80	497135	300	0.98	2	ELMDP300H80
ELMDP400H80	497145	400	1.11	2	ELMDP400H80
ELMDP500H80	497155	500	1.24	2	ELMDP500H80
ELMDP600H80	497165	600	1.37	2	ELMDP600H80



Adjustable Vertical Bend Element		ELMDC...H80	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDC100H80	497015	100	0.95	2	ELMDC100H80
ELMDC200H80	497025	200	1.09	2	ELMDC200H80
ELMDC300H80	497035	300	1.22	2	ELMDC300H80
ELMDC400H80	497045	400	1.36	2	ELMDC400H80
ELMDC500H80	497055	500	1.48	2	ELMDC500H80
ELMDC600H80	497065	600	1.62	2	ELMDC600H80



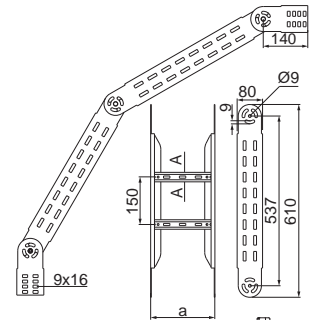
Use:
Increasing the radius of the adjustable bend.

- Additional information:**
- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend LPDLP...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDLP100H80	497012	100	3.64	2	LPDLC100H80
LPDLP200H80	497022	200	3.89	2	LPDLC200H80
LPDLP300H80	497032	300	4.14	2	LPDLC300H80
LPDLP400H80	497042	400	4.38	2	LPDLC400H80
LPDLP500H80	497052	500	4.62	2	LPDLC500H80
LPDLP600H80	497062	600	4.86	2	LPDLC600H80



Adjustable Vertical Bend LPDLC...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDLC100H80	497112	100	3.75	2	LPDLP100H80
LPDLC200H80	497122	200	4.97	2	LPDLP200H80
LPDLC300H80	497132	300	5.21	2	LPDLP300H80
LPDLC400H80	497142	400	5.45	2	LPDLP400H80
LPDLC500H80	497152	500	5.70	2	LPDLP500H80
LPDLC600H80	497162	600	5.94	2	LPDLP600H80



Use:

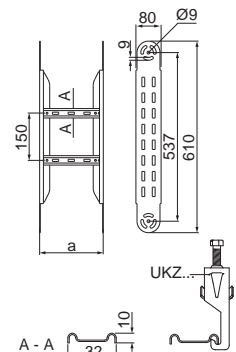
Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element ELDLP...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDLP100H80	497016	100	1.38	2	ELDLC100H80
ELDLP200H80	497026	200	1.50	2	ELDLC200H80
ELDLP300H80	497036	300	1.62	2	ELDLC300H80
ELDLP400H80	497046	400	1.74	2	ELDLC400H80
ELDLP500H80	497056	500	1.86	2	ELDLC500H80
ELDLP600H80	497066	600	1.98	2	ELDLC600H80



Adjustable Vertical Bend Element ELDLC...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDLC100H80	497116	100	1.91	2	ELDLP100H80
ELDLC200H80	497126	200	2.04	2	ELDLP200H80
ELDLC300H80	497136	300	2.16	2	ELDLP300H80
ELDLC400H80	497146	400	2.28	2	ELDLP400H80
ELDLC500H80	497156	500	2.40	2	ELDLP500H80
ELDLC600H80	497166	600	2.52	2	ELDLP600H80



Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

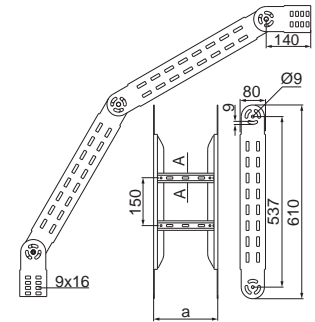
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LPDP...H80N mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package	substitute
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Material thickness = 1.5 mm

LPDP100H80N	497010	100	5.68	1	LPDC100H80N
LPDP200H80N	497020	200	6.05	1	LPDC200H80N
LPDP300H80N	497030	300	6.45	1	LPDC300H80N
LPDP400H80N	497040	400	6.80	1	LPDC400H80N
LPDP500H80N	497050	500	7.15	1	LPDC500H80N
LPDP600H80N	497060	600	7.60	1	LPDC600H80N

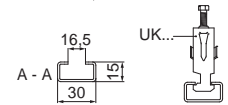


Adjustable Vertical Bend LPDC...H80N mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

LPDC100H80N	497110	100	7.02	1	LPDP100H80N
LPDC200H80N	497120	200	7.53	1	LPDP200H80N
LPDC300H80N	497130	300	8.05	1	LPDP300H80N
LPDC400H80N	497140	400	8.56	1	LPDP400H80N
LPDC500H80N	497150	500	9.07	1	LPDP500H80N
LPDC600H80N	497160	600	9.60	1	LPDP600H80N



Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

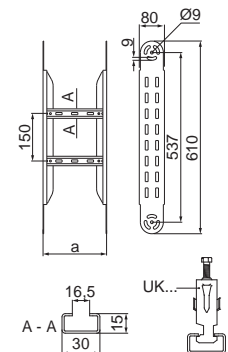


Adjustable Vertical Bend Element ELDP...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

ELDP100H80	497014	100	1.38	2	ELDC100H80
ELDP200H80	497024	200	1.52	2	ELDC200H80
ELDP300H80	497034	300	1.66	2	ELDC300H80
ELDP400H80	497044	400	1.79	2	ELDC400H80
ELDP500H80	497054	500	1.92	2	ELDC500H80
ELDP600H80	497064	600	2.05	2	ELDC600H80



Adjustable Vertical Bend Element ELDC...H80 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

ELDC100H80	497114	100	1.91	2	ELDP100H80
ELDC200H80	497124	200	2.06	2	ELDP200H80
ELDC300H80	497134	300	2.19	2	ELDP300H80
ELDC400H80	497144	400	2.33	2	ELDP400H80
ELDC500H80	497154	500	2.46	2	ELDP500H80
ELDC600H80	497164	600	2.59	2	ELDP600H80



Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps

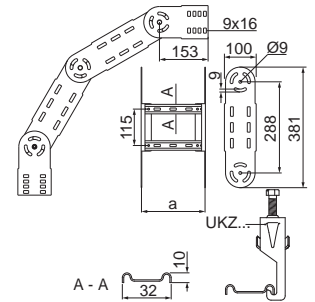


Adjustable Vertical Bend LPMDLP...H100 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

LPMDLP100H100	492413	100	2.75	2	LPMDLC100H100
LPMDLP200H100	492423	200	2.99	2	LPMDLC200H100
LPMDLP300H100	492433	300	3.24	2	LPMDLC300H100
LPMDLP400H100	492443	400	3.48	2	LPMDLC400H100
LPMDLP500H100	492453	500	3.72	2	LPMDLC500H100
LPMDLP600H100	492463	600	3.96	2	LPMDLC600H100

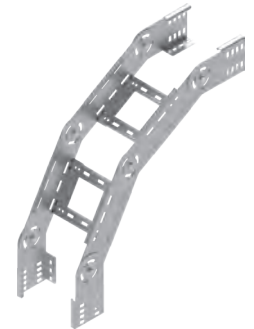


Adjustable Vertical Bend LPMDLC...H100 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

LPMDLC100H100	492513	100	3.35	2	LPMDLP100H100
LPMDLC200H100	492523	200	3.59	2	LPMDLP200H100
LPMDLC300H100	492533	300	3.83	2	LPMDLP300H100
LPMDLC400H100	492543	400	4.07	2	LPMDLP400H100
LPMDLC500H100	492553	500	4.32	2	LPMDLP500H100
LPMDLC600H100	492563	600	4.56	2	LPMDLP600H100



Use:

Changing the direction of the cable route.

Additional information:

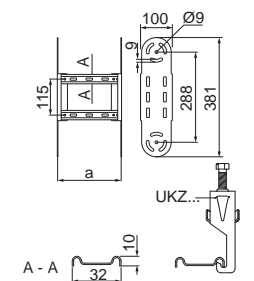
- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element ELMDLP...H100 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

ELMDLP100H100	492417	100	0.82	2	ELMDLC100H100
ELMDLP200H100	492427	200	0.94	2	ELMDLC200H100
ELMDLP300H100	492437	300	1.06	2	ELMDLC300H100
ELMDLP400H100	492447	400	1.19	2	ELMDLC400H100
ELMDLP500H100	492457	500	1.31	2	ELMDLC500H100
ELMDLP600H100	492467	600	1.43	2	ELMDLC600H100



Adjustable Vertical Bend Element ELMDLC...H100 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

ELMDLC100H100	493417	100	1.12	2	ELMDLP100H100
ELMDLC200H100	493427	200	1.24	2	ELMDLP200H100
ELMDLC300H100	493437	300	1.36	2	ELMDLP300H100
ELMDLC400H100	493447	400	1.48	2	ELMDLP400H100
ELMDLC500H100	493457	500	1.61	2	ELMDLP500H100
ELMDLC600H100	493467	600	1.73	2	ELMDLP600H100



Use:

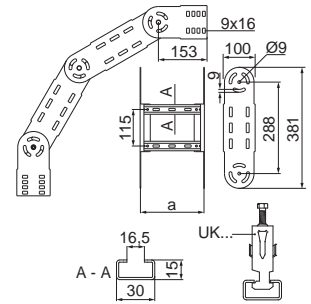
Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LPMDP...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDP100H100	492411	100	3.81	2	LPMDC100H100
LPMDP200H100	492421	200	3.04	2	LPMDC200H100
LPMDP300H100	492431	300	3.31	2	LPMDC300H100
LPMDP400H100	492441	400	3.58	2	LPMDC400H100
LPMDP500H100	492451	500	3.83	2	LPMDC500H100
LPMDP600H100	492461	600	4.10	2	LPMDC600H100



Adjustable Vertical Bend		LPMDC...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDC100H100	492313	100	3.38	2	LPMDP100H100
LPMDC200H100	492323	200	3.64	2	LPMDP200H100
LPMDC300H100	492333	300	3.91	2	LPMDP300H100
LPMDC400H100	492343	400	4.18	2	LPMDP400H100
LPMDC500H100	492353	500	4.43	2	LPMDP500H100
LPMDC600H100	492363	600	4.70	2	LPMDP600H100



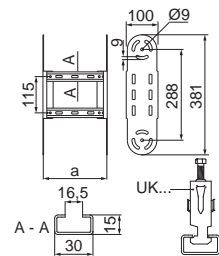
Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELMDP...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDP100H100	493110	100	0.83	2	ELMDC100H100
ELMDP200H100	493120	200	0.97	2	ELMDC200H100
ELMDP300H100	493130	300	1.10	2	ELMDC300H100
ELMDP400H100	493140	400	1.24	2	ELMDC400H100
ELMDP500H100	493150	500	1.36	2	ELMDC500H100
ELMDP600H100	493160	600	1.50	2	ELMDC600H100



Adjustable Vertical Bend Element		ELMDC...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDC100H100	493415	100	1.13	2	ELMDP100H100
ELMDC200H100	493425	200	1.27	2	ELMDP200H100
ELMDC300H100	493435	300	1.40	2	ELMDP300H100
ELMDC400H100	493445	400	1.54	2	ELMDP400H100
ELMDC500H100	493455	500	1.66	2	ELMDP500H100
ELMDC600H100	493465	600	1.80	2	ELMDP600H100



Use:

Increasing the radius of the adjustable bend.

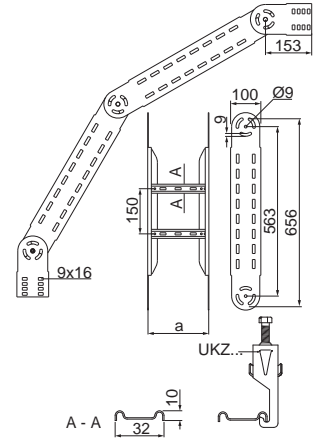
Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps

NEW PRODUCTS IN THE CABLE LADDER SYSTEM



Adjustable Vertical Bend		LPDLP...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPDLP100H100	492412	100	4.25	2	LPDLC100H100
LPDLP200H100	492422	200	4.59	2	LPDLC200H100
LPDLP300H100	492432	300	4.83	2	LPDLC300H100
LPDLP400H100	492442	400	5.08	2	LPDLC400H100
LPDLP500H100	492452	500	5.32	2	LPDLC500H100
LPDLP600H100	492462	600	5.56	2	LPDLC600H100



Adjustable Vertical Bend		LPDLC...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPDLC100H100	492512	100	5.62	2	LPDLP100H100
LPDLC200H100	492522	200	5.88	2	LPDLP200H100
LPDLC300H100	492532	300	6.12	2	LPDLP300H100
LPDLC400H100	492542	400	6.36	2	LPDLP400H100
LPDLC500H100	492552	500	6.61	2	LPDLP500H100
LPDLC600H100	492562	600	6.85	2	LPDLP600H100



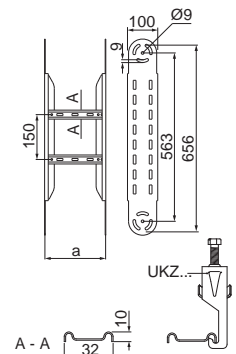
Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend Element		ELDLP...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELDLP100H100	492416	100	1.62	2	ELDLC100H100
ELDLP200H100	492426	200	1.74	2	ELDLC200H100
ELDLP300H100	492436	300	1.86	2	ELDLC300H100
ELDLP400H100	492446	400	1.98	2	ELDLC400H100
ELDLP500H100	492456	500	2.11	2	ELDLC500H100
ELDLP600H100	492466	600	2.23	2	ELDLC600H100



Adjustable Vertical Bend Element		ELDLC...H100	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELDLC100H100	493416	100	2.27	2	ELDLP100H100
ELDLC200H100	493426	200	2.39	2	ELDLP200H100
ELDLC300H100	493436	300	2.51	2	ELDLP300H100
ELDLC400H100	493446	400	2.63	2	ELDLP400H100
ELDLC500H100	493456	500	2.75	2	ELDLP500H100
ELDLC600H100	493466	600	2.87	2	ELDLP600H100



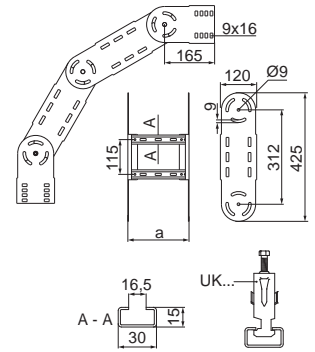
Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Adjustable Vertical Bend		LPMDP...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LPMDP100H120	484811	100	1.86	1	LPMDC100H120
LPMDP200H120	484821	200	3.52	1	LPMDC200H120
LPMDP300H120	484831	300	3.79	1	LPMDC300H120
LPMDP400H120	484841	400	4.06	1	LPMDC400H120
LPMDP500H120	484851	500	4.31	1	LPMDC500H120
LPMDP600H120	484861	600	4.58	1	LPMDC600H120



Adjustable Vertical Bend		LPMDC...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LPMDC100H120	484911	100	3.96	1	LPMDP100H120
LPMDC200H120	484921	200	4.24	1	LPMDP200H120
LPMDC300H120	484931	300	4.51	1	LPMDP300H120
LPMDC400H120	484941	400	4.78	1	LPMDP400H120
LPMDC500H120	484951	500	5.03	1	LPMDP500H120
LPMDC600H120	484961	600	5.30	1	LPMDP600H120



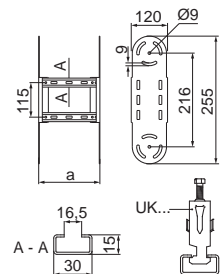
Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Adjustable Vertical Bend Element		ELMDP...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDP100H120	484813	100	0.97	2	ELMDC100H120
ELMDP200H120	484823	200	1.12	2	ELMDC200H120
ELMDP300H120	484833	300	1.25	2	ELMDC300H120
ELMDP400H120	484843	400	1.38	2	ELMDC400H120
ELMDP500H120	484853	500	1.51	2	ELMDC500H120
ELMDP600H120	484863	600	1.64	2	ELMDC600H120



Adjustable Vertical Bend Element		ELMDC...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDC100H120	484913	100	1.33	2	ELMDP100H120
ELMDC200H120	484923	200	1.48	2	ELMDP200H120
ELMDC300H120	484933	300	1.61	2	ELMDP300H120
ELMDC400H120	484943	400	1.74	2	ELMDP400H120
ELMDC500H120	484953	500	1.87	2	ELMDP500H120
ELMDC600H120	484963	600	2.00	2	ELMDP600H120



Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LPDP...H120N mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

LPDP100H120N	484810	100	7.20	1	LPDC100H120N
LPDP200H120N	484820	200	7.58	1	LPDC200H120N
LPDP300H120N	484830	300	7.90	1	LPDC300H120N
LPDP400H120N	484840	400	8.30	1	LPDC400H120N
LPDP500H120N	484850	500	8.73	1	LPDC500H120N
LPDP600H120N	484860	600	9.13	1	LPDC600H120N

Adjustable Vertical Bend LPDC...H120N mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

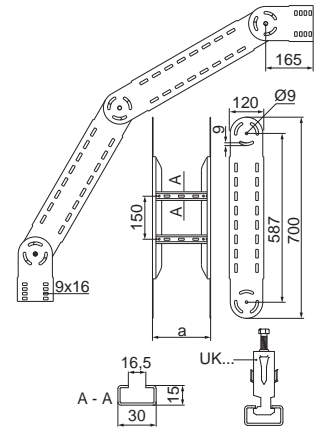
LPDC100H120N	484910	100	8.91	1	LPDP100H120N
LPDC200H120N	484920	200	9.42	1	LPDP200H120N
LPDC300H120N	484930	300	9.95	1	LPDP300H120N
LPDC400H120N	484940	400	10.45	1	LPDP400H120N
LPDC500H120N	484950	500	10.95	1	LPDP500H120N
LPDC600H120N	484960	600	11.47	1	LPDP600H120N

Use:

Changing the direction of the cable route.

Additional information:

- use 16 sets of SGK8x14 or SGM8x14 bolts for mounting
- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Adjustable Vertical Bend Element ELDP...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 1.5 mm

ELDP100H120	484812	100	1.89	2	ELDC100H120
ELDP200H120	484822	200	2.04	2	ELDC200H120
ELDP300H120	484832	300	2.17	2	ELDC300H120
ELDP400H120	484842	400	2.30	2	ELDC400H120
ELDP500H120	484852	500	2.43	2	ELDC500H120
ELDP600H120	484862	600	2.43	2	ELDC600H120

Adjustable Vertical Bend Element ELDC...H120 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

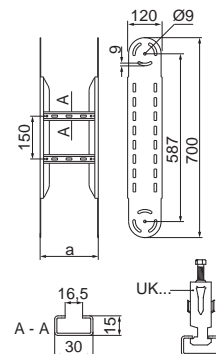
ELDC100H120	484912	100	2.65	2	ELDP100H120
ELDC200H120	484922	200	2.79	2	ELDP200H120
ELDC300H120	484932	300	2.93	2	ELDP300H120
ELDC400H120	484942	400	3.06	2	ELDP400H120
ELDC500H120	484952	500	3.19	2	ELDP500H120
ELDC600H120	484962	600	3.32	2	ELDP600H120

Use:

Increasing the radius of the adjustable bend.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps

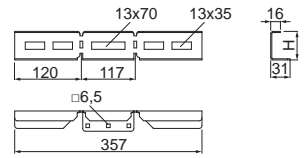


Internal connector LWU... mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LWUPH45	431203	49	0.33	10
LWUPH50	431204	54	0.35	10
LWUPH60	431205	64	0.38	10
LWUPH80	431206	84	0.44	10
LWUPH100	431207	104	0.53	10
LWUPH120	431208	124	0.61	10
Material thickness = 2.0 mm				
LWUCH45	431209	50	0.44	10
LWUCH50	431210	55	0.47	10
LWUCH60	431211	65	0.51	10
LWUCH80	431212	85	0.59	10
LWUCH100	431213	105	0.70	10
LWUCH120	431214	125	0.81	10



LWU...H45 - H60



LWU...H80 - H120



Use:

For self-assembly of bends.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters

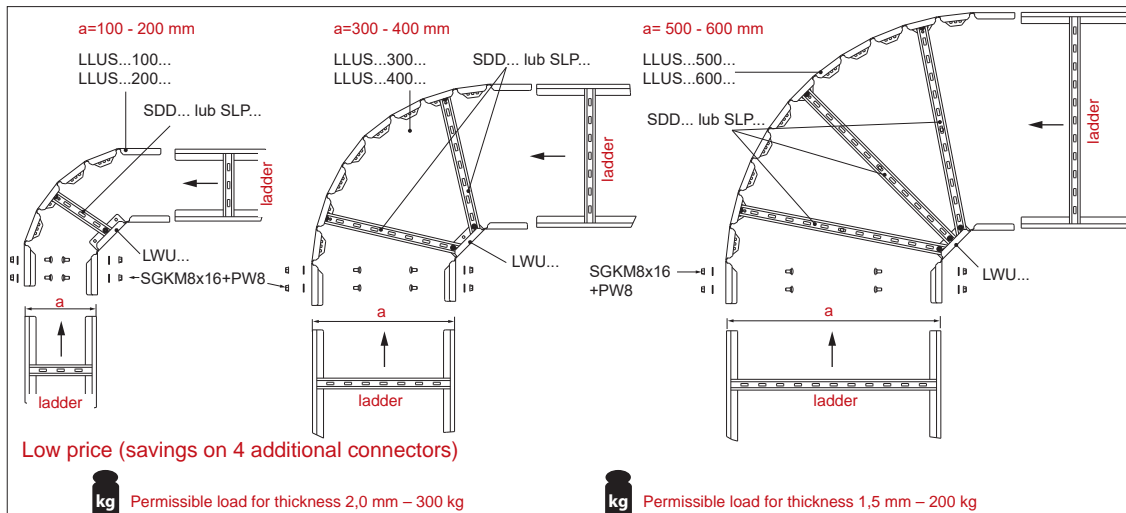
Table for components selection for self-assembly of a bend.

The type of rungs should be selected according to the ladder type – SDD... for DU... ladders, SLP... for DK... ladders

bend width a [mm]	internal connector 1 pcs.	external connectory 1 pcs.	number of rungs SDD... or SLP...	number of bolts or rivets required for rung installation	bolt type for rung SDD...	bolt type for rung SLP...	rivet type - all rungs
100	LWU...H45-H120	LLUS...100H45 -120	1	2	SGKM6x12 (bottom installation in the outer holes of the rung)	SMKM6x12 (top installation in the outer holes of the rung)	NSZ6x10
200		LLUS...200H45 -120	1	2			
300		LLUS...300H45 -120	2	4			
400		LLUS...400H45 -120	2	4			
500		LLUS...500H45 -120	3	6			
600		LLUS...600H45 -120	3	6			

Example order of components for assembling a bend with a width of 300 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|--|----------------------------|----------------------------|
| 1S. LWUCH100 x 1 pcs. | 1F. LWUCH100F x 1 pcs. | 1E. LWUCH100E x 1 pcs. |
| 2S. LLUSC300H100 x 1 pcs. | 2F. LLUSC300H100F x 1 pcs. | 2E. LLUSC300H100E x 1 pcs. |
| 3S. SDD300 x 2 pcs. | 3F. SDD300F x 2 pcs. | 3E. SDD300E x 2 pcs. |
| 4S. SGKM6x12 x 4 pcs. lub NSZ6x10 x 4 pcs. | 4F. SGKM6x12 x 4 pcs. | 4E. SGKM6x12E x 4 pcs. |



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Universal connector

LLUSP...

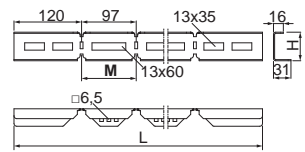
mat.: S

option: F, E, L

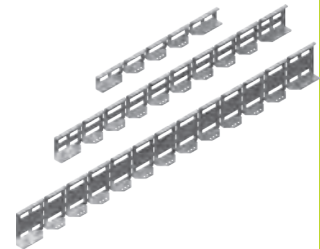
symbol	catalogue number	dimension H/L [mm]	number of modules M	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm					
LLUSP100H45	434400	49/531	3	0.45	10
LLUSP200H45	434501	49/725	5	0.53	10
LLUSP300H45	434502	49/822	6	0.68	10
LLUSP400H45	434503	49/1016	8	0.83	10
LLUSP500H45	434504	49/1113	9	0.91	10
LLUSP600H45	434505	49/1307	11	1.06	10
LLUSP100H50	434506	54/531	3	0.48	10
LLUSP200H50	434507	54/725	5	0.56	10
LLUSP300H50	434508	54/822	6	0.73	10
LLUSP400H50	434509	54/1016	8	0.89	10
LLUSP500H50	434510	54/1113	9	0.98	10
LLUSP600H50	434511	54/1307	11	1.14	10
LLUSP100H60	434512	64/531	3	0.54	10
LLUSP200H60	434513	64/725	5	0.64	10
LLUSP300H60	434514	64/822	6	0.82	10
LLUSP400H60	434515	64/1016	8	1.01	10
LLUSP500H60	434516	64/1113	9	1.10	10
LLUSP600H60	434517	64/1307	11	1.29	10
LLUSP100H80	434518	84/531	3	0.62	10
LLUSP200H80	434519	84/725	5	0.72	10
LLUSP300H80	434520	84/822	6	0.93	10
LLUSP400H80	434521	84/1016	8	1.15	10
LLUSP500H80	434524	84/1113	9	1.25	10
LLUSP600H80	434525	84/1307	11	1.46	10
LLUSP100H100	434526	104/531	3	0.74	10
LLUSP200H100	434527	104/725	5	0.87	10
LLUSP300H100	434528	104/822	6	1.13	10
LLUSP400H100	434529	104/1016	8	1.38	10
LLUSP500H100	434530	104/1113	9	1.51	10
LLUSP600H100	434531	104/1307	11	1.76	10
LLUSP100H120	434534	124/531	3	0.86	10
LLUSP200H120	434535	124/725	5	1.01	10
LLUSP300H120	434536	124/822	6	1.31	10
LLUSP400H120	434537	124/1016	8	1.61	10
LLUSP500H120	434538	124/1113	9	1.76	10
LLUSP600H120	434539	124/1307	11	2.06	10



LLUSP...H45 - H60



LLUSP...H80 - H120



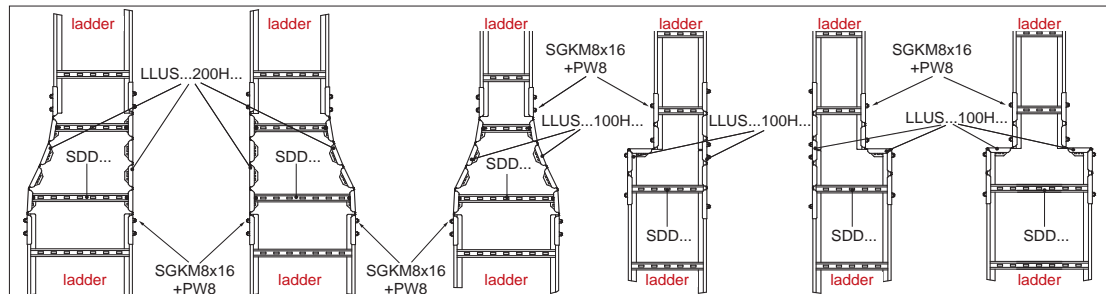
Use:

For self-assembly of bends and reducers.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0-90°
- shortened order fulfillment time
- high strength parameters

Example of self-assembly of a reducer

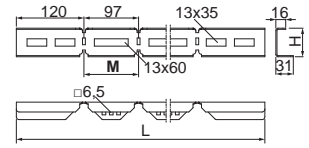


Universal connector LLUSC... mat.: S option: F, E, L

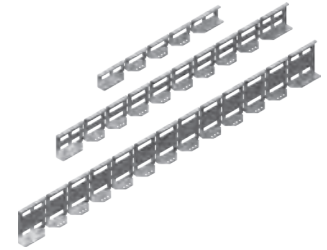
symbol	catalogue number	dimension H/L [mm]	number of modules M	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm					
LLUSC100H45	434540	50/531	3	0.60	10
LLUSC200H45	434541	50/725	5	0.70	10
LLUSC300H45	434544	50/822	6	0.91	10
LLUSC400H45	434545	50/1016	8	1.11	10
LLUSC500H45	434546	50/1113	9	1.21	10
LLUSC600H45	434547	50/1307	11	1.41	10
LLUSC100H50	434548	55/531	3	0.64	10
LLUSC200H50	434549	55/725	5	0.75	10
LLUSC300H50	434550	55/822	6	0.97	10
LLUSC400H50	434551	55/1016	8	1.19	10
LLUSC500H50	434554	55/1113	9	1.30	10
LLUSC600H50	434555	55/1307	11	1.52	10
LLUSC100H60	434556	65/531	3	0.72	10
LLUSC200H60	434557	65/725	5	0.85	10
LLUSC300H60	434558	65/822	6	1.09	10
LLUSC400H60	434559	65/1016	8	1.34	10
LLUSC500H60	434560	65/1113	9	1.47	10
LLUSC600H60	434561	65/1307	11	1.72	10
LLUSC100H80	434564	85/531	3	0.82	10
LLUSC200H80	434565	85/725	5	0.96	10
LLUSC300H80	434566	85/822	6	1.24	10
LLUSC400H80	434567	85/1016	8	1.53	10
LLUSC500H80	434568	85/1113	9	1.67	10
LLUSC600H80	434569	85/1307	11	1.95	10
LLUSC100H100	434570	105/531	3	0.99	10
LLUSC200H100	434571	105/725	5	1.16	10
LLUSC300H100	434573	105/822	6	1.50	10
LLUSC400H100	434574	105/1016	8	1.84	10
LLUSC500H100	434575	105/1113	9	2.01	10
LLUSC600H100	434576	105/1307	11	2.35	10
LLUSC100H120	434577	125/531	3	1.15	10
LLUSC200H120	434578	125/725	5	1.34	10
LLUSC300H120	434579	125/822	6	1.75	10
LLUSC400H120	434580	125/1016	8	2.15	10
LLUSC500H120	434581	125/1113	9	2.35	10
LLUSC600H120	434582	125/1307	11	2.75	10



LLUSC...H45 - H60



LLUSC...H80 - H120



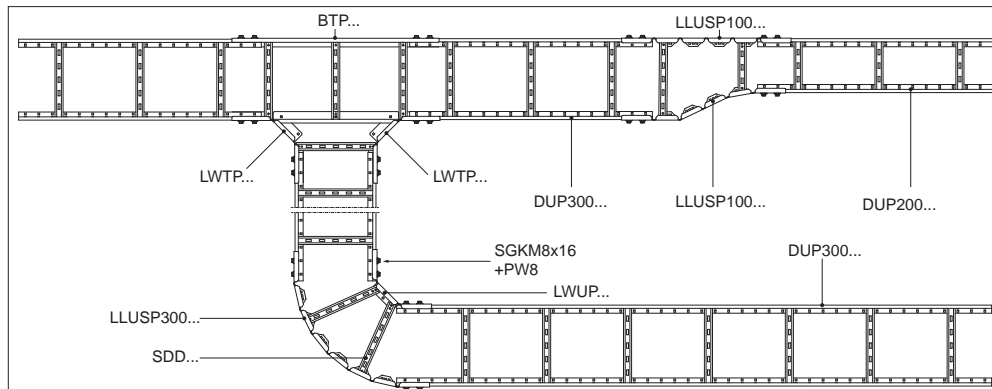
Use:

For self-assembly of bends and reducers.

Additional information:

- for installation with ladders, use SGK8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters

Example of a cable route constructed from self-assembly fittings.

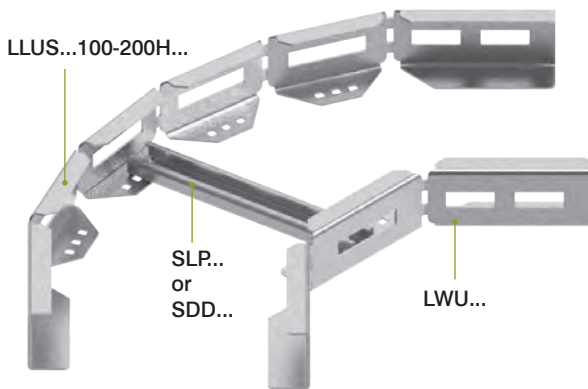


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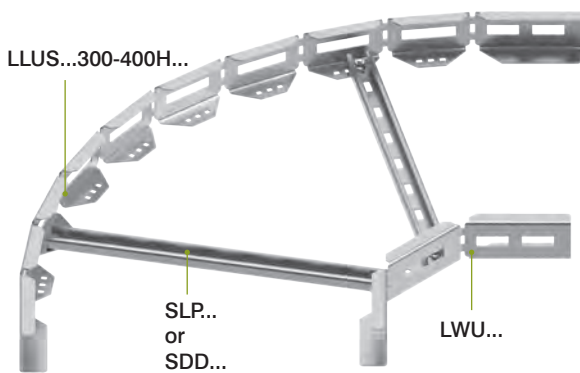
Example of creating a custom cable ladder bend using the internal connector LWU..., external connector LLUS..., and SLP... or SDD... rungs, assembled with bolts or riveted.



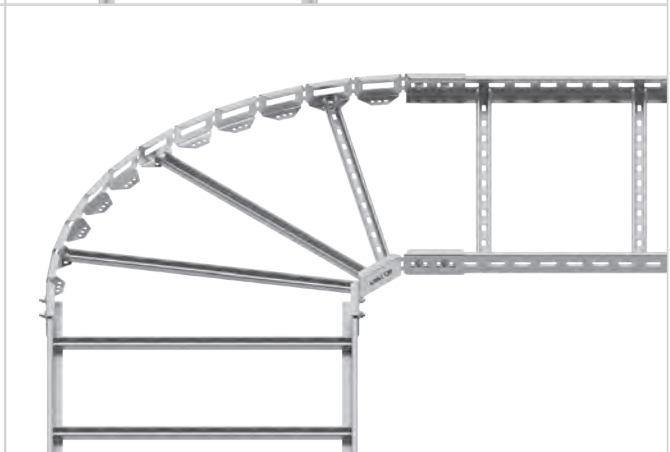
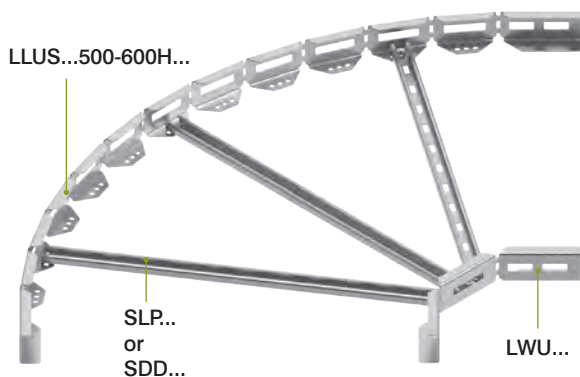
Example of a custom bend with a width of 100-200 mm



Example of a custom bend with a width of 300-400 mm



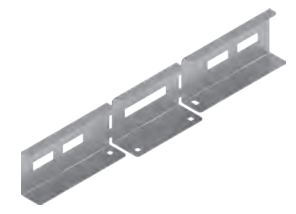
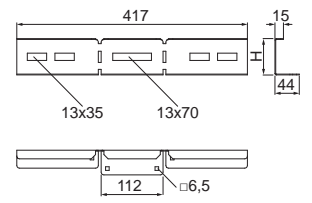
Example of a custom bend with a width of 500-600 mm





Internal tee connector LWT... mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.5 mm				
LWTPH45	431300	49	0.39	10
LWTPH50	431301	54	0.41	10
LWTPH60	431302	64	0.46	10
LWTPH80	431303	84	0.52	10
LWTPH100	431304	104	0.61	10
LWTPH120	431305	124	0.72	10
Material thickness = 2.0 mm				
LWTCH45	431306	50	0.56	10
LWTCH50	431307	55	0.59	10
LWTCH60	431308	65	0.65	10
LWTCH80	431309	85	0.74	10
LWTCH100	431311	105	0.86	10
LWTCH120	431312	125	1.02	10

Use:
For self-assembly of tees.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

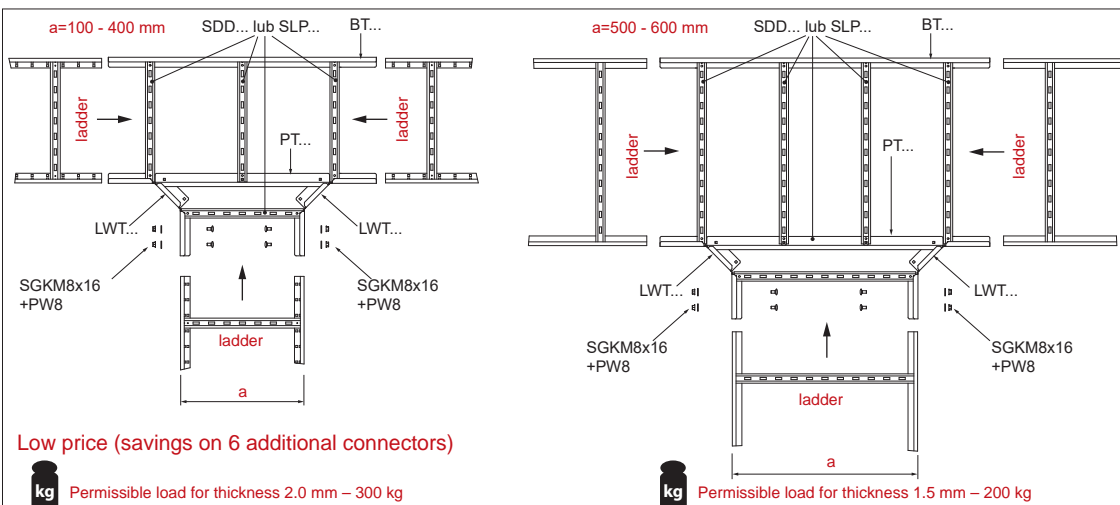
Table for components selection for self-assembly of a tee.

The type of rungs should be selected according to the ladder type – SDD... for DU... ladders, SLP... for DK... ladders

tee width a [mm]	internal tee connector - 2 pcs.	tee side 1 pcs.	tee crossbar 1 pcs.	number of rungs SDD... or SLP...	number of bolts or rivets required for rung installation	bolt type for rung SDD...	bolt type for rung SLP...	rivet type – for all rungs
100	LWT...H45-H120	BT...100H45-120	PT...100	4	8	SGKM6x12 (bottom installation in the outer holes of the rung)	SMKM6x12 (top installation in the outer holes of the rung)	NSZ6x10 for tees made of steel galvanized by the Sendzimir method
200		BT...200H45-120	PT...200	4	8			
300		BT...300H45-120	PT...300	4	8			
400		BT...400H45-120	PT...400	4	8			
500		BT...500H45-120	PT...500	5	10			
600		BT...600H45-120	PT...600	5	10			

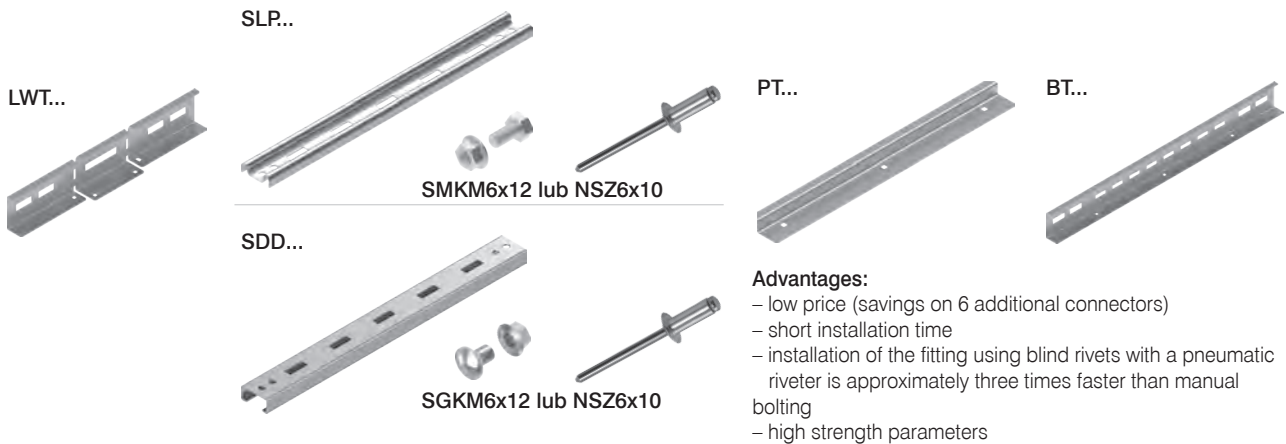
Example order of components for assembling a tee with a width of 300 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel,
"F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|--|--------------------------|--------------------------|
| 1S. LWTCH100 x 2 pcs. | 1F. LWTCH100F x 2 pcs. | 1E. LWTCH100E x 2 pcs. |
| 2S. PTC300 x 1 pcs. | 2F. PTC300F x 1 pcs. | 2E. PTC300E x 1 pcs. |
| 3S. BTC300H100 x 1 pcs. | 3F. BTC300H100F x 1 pcs. | 3E. BTC300H100E x 1 pcs. |
| 4S. SDD300 x 4 pcs. | 4F. SDD300F x 4 pcs. | 4E. SDD300E x 4 pcs. |
| 5S. SGKM6x12 x 8 pcs. lub NSZ6x10 x 8 pcs. | 5F. SGKFM6x12 x 8 pcs. | 5E. SGKM6x12E x 8 pcs. |

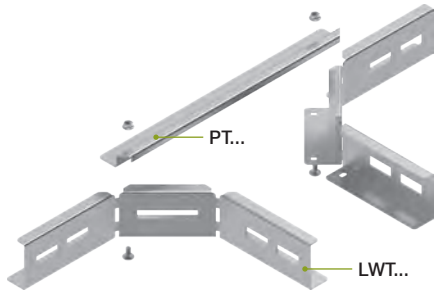


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

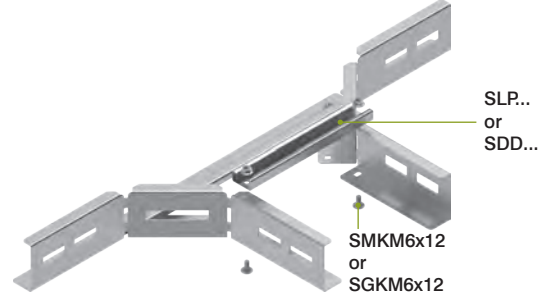
Example of creating a custom cable ladder tee using the internal connector LWT..., rungs, tee side BT..., and tee crossbar PT...



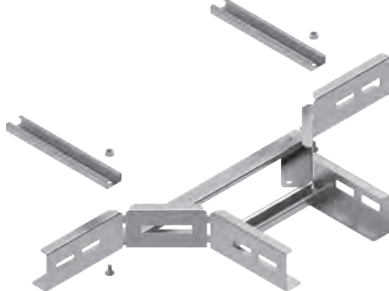
1. Join the internal connectors LWT... with the tee crossbar PT...



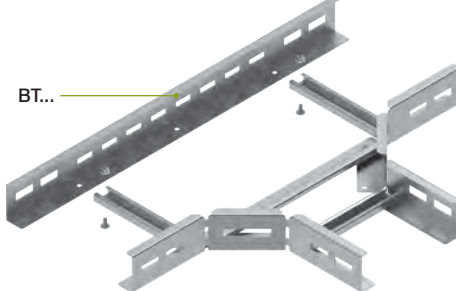
2. Reinforce the connection with an SLP... or SDD... rung



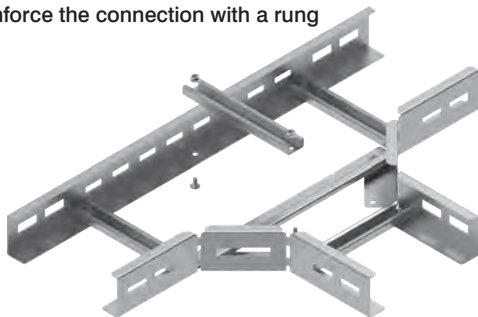
3. Bolt the rungs to the tee crossbar



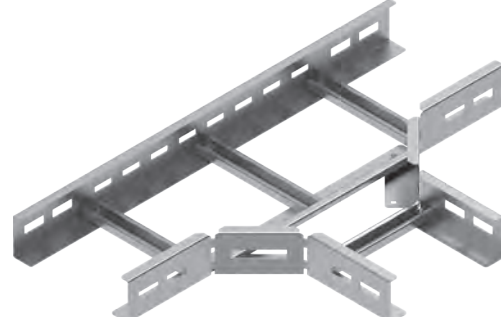
4. Attach the tee side BT... to the rungs



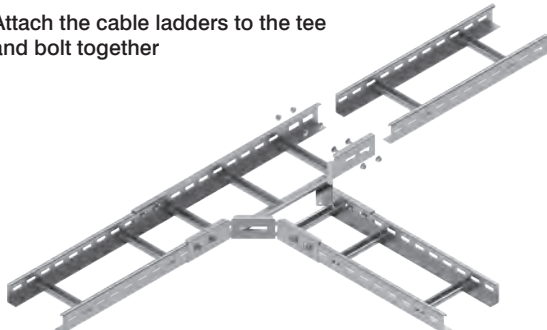
5. Reinforce the connection with a rung



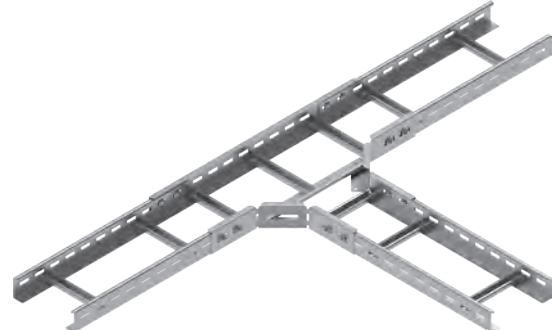
6.



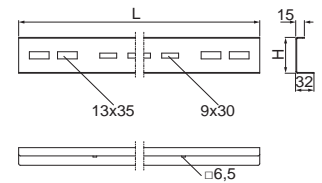
7. Attach the cable ladders to the tee and bolt together



8.



Tee side	BTP...	mat.: S	option: F, E, L		
symbol	catalogue number	dimension H/L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
BTP100H45	431480	49/568	0.53	1	
BTP200H45	431481	49/668	0.63	1	
BTP300H45	431482	49/768	0.72	1	
BTP400H45	431483	49/858	0.86	1	
BTP500H45	431484	49/968	0.91	1	
BTP600H45	431485	49/1068	1.01	1	
BTP100H50	431486	54/568	0.56	1	
BTP200H50	431487	54/668	0.56	1	
BTP300H50	431488	54/768	0.66	1	
BTP400H50	431489	54/868	0.66	1	
BTP500H50	431490	54/968	0.96	1	
BTP600H50	431491	54/1058	1.06	1	
BTP100H60	431492	64/568	0.63	1	
BTP200H60	431493	64/668	0.74	1	
BTP300H60	431494	64/768	0.85	1	
BTP400H60	431495	64/868	0.96	1	
BTP500H60	431496	64/968	1.07	1	
BTP600H60	431497	64/1068	1.18	1	
BTP100H80	431498	84/568	0.71	1	
BTP200H80	431499	84/668	0.84	1	
BTP300H80	431500	84/768	0.97	1	
BTP400H80	431501	84/868	1.09	1	
BTP500H80	431502	84/968	1.22	1	
BTP600H80	431503	84/1068	1.35	1	
BTP100H100	431504	104/568	0.84	1	
BTP200H100	431505	104/668	0.99	1	
BTP300H100	431506	104/768	1.14	1	
BTP400H100	431507	104/868	1.28	1	
BTP500H100	431508	104/968	1.43	1	
BTP600H100	431509	104/1068	1.58	1	
BTP100H120	431570	124/568	0.96	1	
BTP200H120	431571	124/668	1.13	1	
BTP300H120	431572	124/768	1.30	1	
BTP400H120	431573	124/868	1.48	1	
BTP500H120	431574	124/968	1.65	1	
BTP600H120	431575	124/1068	1.87	1	



Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters



NEW PRODUCTS IN THE CABLE LADDER SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Tee side	BTC...	mat.: S	option: F, E, L		
symbol	catalogue number	dimension H/L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
BTC100H45	431600	50/568	0.76	1	
BTC200H45	431601	50/668	0.89	1	
BTC300H45	431602	50/768	1.03	1	
BTC400H45	431603	50/868	1.17	1	
BTC500H45	431604	50/968	1.30	1	
BTC600H45	431605	50/1068	1.44	1	
BTC100H50	431606	55/568	0.81	1	
BTC200H50	431607	55/668	0.95	1	
BTC300H50	431608	55/768	1.09	1	
BTC400H50	431609	55/868	1.23	1	
BTC500H50	431610	55/968	1.38	1	
BTC600H50	431611	55/1068	1.52	1	
BTC100H60	431612	65/568	0.89	1	
BTC200H60	431613	65/668	1.05	1	
BTC300H60	431614	65/768	1.21	1	
BTC400H60	431615	65/868	1.37	1	
BTC500H60	431616	65/968	1.53	1	
BTC600H60	431617	65/1068	1.69	1	
BTC100H80	431618	85/568	1.02	1	
BTC200H80	431619	85/668	1.20	1	
BTC300H80	431620	85/768	1.38	1	
BTC400H80	431670	85/868	1.56	1	
BTC500H80	431671	85/968	1.74	1	
BTC600H80	431672	85/1068	1.93	1	
BTC100H100	431673	105/568	1.20	1	
BTC200H100	431674	105/668	1.41	1	
BTC300H100	431675	105/768	1.62	1	
BTC400H100	431676	105/868	1.84	1	
BTC500H100	431678	105/968	2.05	1	
BTC600H100	431679	105/1068	2.26	1	
BTC100H120	431680	125/568	1.37	1	
BTC200H120	431681	125/668	1.62	1	
BTC300H120	431682	125/768	1.86	1	
BTC400H120	431683	125/868	2.11	1	
BTC500H120	431684	125/968	2.35	1	
BTC600H120	431685	125/1068	2.60	1	

Use:

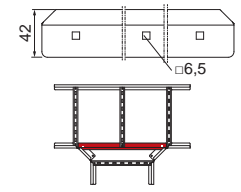
For self-assembly of tees.

Additional information:

- for installation with ladders, use SGK M8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Tee crossbar **PT...** mat.: S option: F, E, L

symbol catalogue number dimension L [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 1.5 mm				
PTP100	431313	264	0.17	1
PTP200	431314	364	0.27	1
PTP300	431316	464	0.30	1
PTP400	431317	564	0.37	1
PTP500	431318	664	0.43	1
PTP600	431319	764	0.50	1
Material thickness = 2.0 mm				
PTC100	413315	264	0.24	1
PTC200	413316	364	0.34	1
PTC300	413317	464	0.41	1
PTC400	413318	564	0.53	1
PTC500	413319	664	0.62	1
PTC600	413321	764	0.71	1

Use:

For self-assembly of tees.

Additional information:

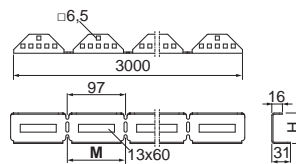
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

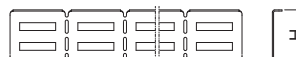
Modular side	BMDC3000...	mat.: S	option: F, E, L			
symbol	catalogue number	dimension H [mm]	number of modules M	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm						
BMDC3000H45	431686	50	31	3.09	2	
BMDC3000H50	431687	55	31	3.22	2	
BMDC3000H60	431688	65	31	3.75	2	
BMDC3000H80	431689	85	31	4.27	2	
BMDC3000H100	431690	105	31	5.21	2	
BMDC3000H120	431691	125	31	6.11	2	



BMDC3000H45 - H60



BMDC3000H80 - H120



Use:

For self-assembly of bends, tees, reducers, bypasses, etc.

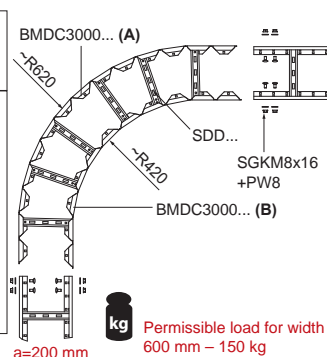
Additional information:

- adjustment of the modular side length by breaking off the required number of modules **M**
- for installation with ladders, use SGK8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors when creating bends and 6 when creating tees), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters
- connection to straight cable route sections by sliding the modular side on and bolting it



Table for components selection for self-assembly of a bend with an internal radius ~R420 (standard ladder fitting radius).

bend width a [mm]	BMDC3000... length (A) [mm]	(A) number of modules	BMDC3000... length (B) [mm]	(B) number of modules	number of SDD... rungs	number of bolts or rivets required for rung installation	bolts for SDD... rung installation	rivets for SDD... rung installation
100	1261	13	1067	11	4	12	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10
200	1455	14			4			
300	1552	16			6			
400	1746	17			5			
500	1843	19			5			
600	2037	21			6			

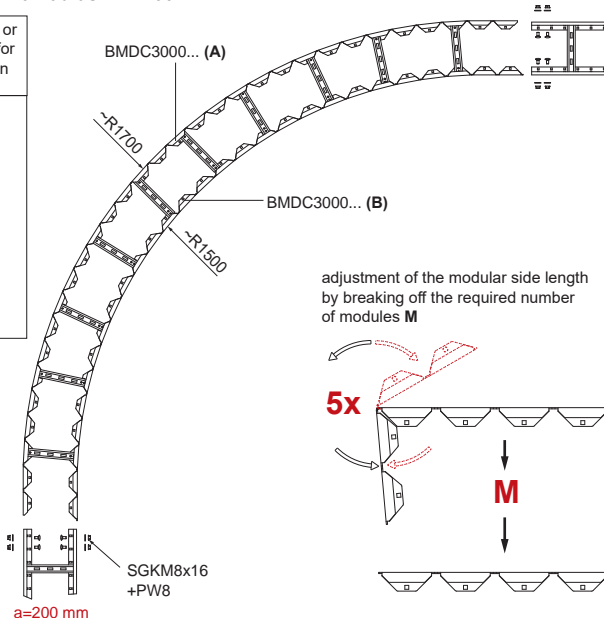


Example order of components for assembling a bend with a width of 200 mm, height H100, thickness 2 mm and internal radius R ≈ 420 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|---|----------------------------|----------------------------|
| 1S. BMDC3000H100 x 1 pcs. | 1F. BMDC3000H100F x 1 pcs. | 1E. BMDC3000H100E x 1 pcs. |
| 2S. SDD200 x 6 pcs. | 2F. SDD200F x 6 pcs. | 2E. SDD200E x 6 pcs. |
| 3S. SGK6x12 x 12 pcs. lub NSZ6x10 x 12 pcs. | 3F. SGK6x12 x 12 pcs. | 3E. SGK6x12E x 12 pcs. |

Table for components selection for self-assembly of a bend with an external radius ~R1700

bend width a [mm]	BMDC3000... length (A) [mm]	(A) number of modules	BMDC3000... length (B) [mm]	(B) number of modules	number of SDD... rungs	number of bolts or rivets required for rung installation
100	3000	31	2813	29	10	20
200			2716	28		
300			2522	26		
400			2328	24		
500			2231	23		
600			2037	21		

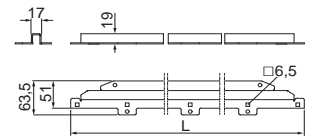


Low price (savings on 4 additional connectors)



Tee crossbar PTBC.... mat.: S option: F, E, L

symbol catalogue number dimension L [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 2.0 mm

PTBC100	431692	778	0.89	1
PTBC200	431693	878	1.02	1
PTBC300	431694	978	1.15	1
PTBC400	431695	1078	1.27	1
PTBC500	431696	1178	1.39	1
PTBC600	431697	1278	1.52	1



Use:

For self-assembly of tees.

Additional information:

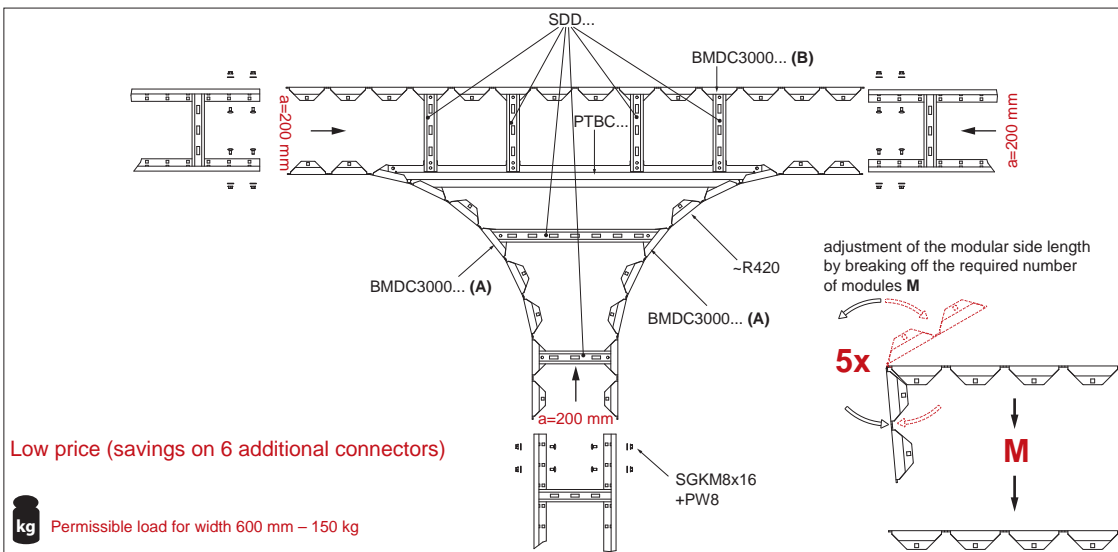
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Table for components selection for self-assembly of a tee with sides radius of ~R420 mm.

tee width a [mm]	BMDC3000... length (A) [mm]	(A) number of modules	BMDC3000... length (B) [mm]	(B) number of modules	tee crossbar 1 pcs.	number of SDD... rungs	number of bolts or rivets required for installation SDD... and PTBC...	bolts for SDD... rung installation	rivets for SDD... rung installation
100	970	10	1358	13	PTBC100	5	14	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10
200			1455	14	PTBC200	6	16		
300			1552	15	PTBC300	7	18		
400			1649	16	PTBC400	6	16		
500			1746	17	PTBC500	7	18		
600			1843	18	PTBC600	7	18		

Example order of components for assembling a tee with a width of 200 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|--|---------------------------|---------------------------|
| 1S. BMDC3000H100 x 2 pcs. | 1F. BMDC3000H100F x 2pcs. | 1E. BMDC3000H100E x 2pcs. |
| 2S. PTBC200 x 1 pcs. | 2F. PTBC200F x 1 pcs. | 2E. PTBC200E x 1 pcs. |
| 3S. SDD400 x 1 pcs. | 3F. SDD400F x 1 pcs. | 3E. SDD400E x 1 pcs. |
| 4S. SDD200 x 5 pcs. | 4F. SDD200F x 5 pcs. | 4E. SDD200E x 5 pcs. |
| 5S. SGKM6x12 x 16 pcs. lub NSZ6x10 x 16 pcs. | 5F. SGKFM6x12 x 16 pcs. | 5E. SGKM6x12E x 16 pcs. |



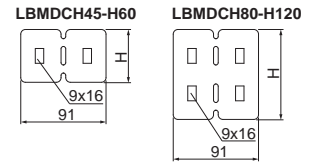
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Modular side connector LBMDC... mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 2.0 mm

LBMDCH45	431698	42	0.05	10
LBMDCH50	431699	47	0.06	10
LBMDCH60	431700	57	0.07	10
LBMDCH80	431701	77	0.08	10
LBMDCH100	431702	97	0.10	10
LBMDCH120	431704	117	0.12	10



Use:

Connecting sections of modular sides.

Additional information:

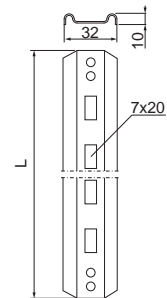
- use SGKM8x16 bolts and PW8 washers for mounting

Rung SLP... mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.5 mm

SLP100	404010	95	0.05	50
SLP200	404020	195	0.11	50
SLP300	404030	295	0.16	50
SLP400	404040	395	0.22	50
SLP500	404050	495	0.27	30
SLP600	404060	595	0.32	30
SLP700	404070	695	0.36	30
SLP800	404080	795	0.43	10
SLP1000	404011	1000	0.54	10
SLP1500	404016	1500	0.81	10
SLP2000	404021	2000	1.08	10



Use:

For self-mounting ladders complete with ladder sides.

For self-assembly of fittings.

Additional information:

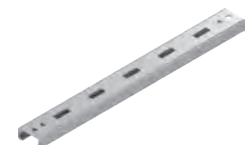
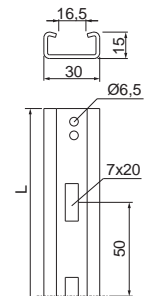
- rungs suitable for mounting UKZ/UKZO... and UKZP... cable clamps

Rung SDD... mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 1.2 mm

SDD100	404161	95	0.05	50
SDD200	404162	195	0.11	50
SDD300	404163	295	0.16	50
SDD400	404164	395	0.22	50
SDD500	404165	495	0.27	30
SDD600	404166	595	0.32	30
SDD700	404167	695	0.35	30
SDD800	404168	795	0.44	30



Use:

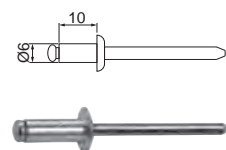
For self-assembly of ladders.

For self-assembly of fittings.

Blind rivet NSZ6x10

symbol	catalogue number	quantity per package [pcs.]
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NSZ6x10	651100	200
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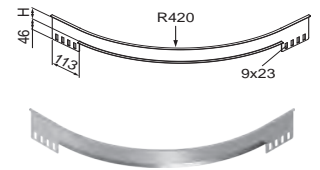


Use:

For self-assembly of fittings.

Attachable Connector **LDDK...** mat.: S option: F, E, L

symbol catalogue number dimension H [mm] weight 1 pc. [kg] quantity per package [pcs.]



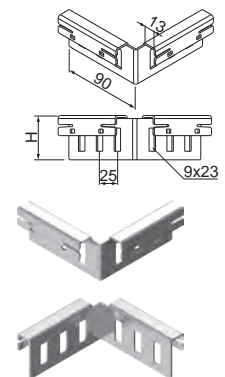
Material thickness = 1.5 mm				
LDDKPH45	206001	45	0.69	2
LDDKPH50	206002	50	0.74	2
LDDKPH60	206003	60	0.84	2
LDDKPH80	206004	80	1.03	2
LDDKPH100	206005	100	1.23	2
LDDKPH120	206006	120	1.42	2
Material thickness = 2.0 mm				
LDDKCH45	206007	45	0.99	2
LDDKCH50	206008	50	1.06	2
LDDKCH60	206009	60	1.20	2
LDDKCH80	206010	80	1.48	2
LDDKCH100	206011	100	1.76	2
LDDKCH120	206012	120	2.04	2

Use:
Branching anywhere in an already existing cable route.
Protection against slipping of cables from the route during pulling and use.

Additional information:
- mounting with bolts SGM8x14 or SGKM8x14
- universal element

Angle Connector **LKU...** mat.: S option: F, E, L

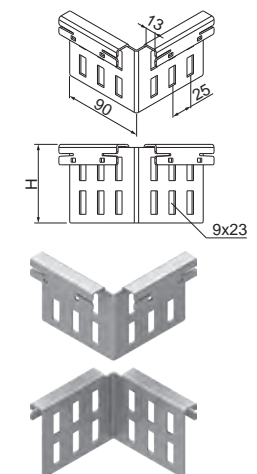
symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.] substitute



Material thickness = 1.5 mm				
LKUPH45	405710	44	0,13	10
Material thickness= 2.0 mm				
LKUCH45	405711	44	0,18	10
Material thickness = 1.5 mm				
LKUPH50	405712	49	0,14	10
Material thickness= 2.0 mm				
LKUCH50	405713	49	0,19	10
Material thickness= 1.5 mm				
LKUPH60	405714	57	0,15	10
Material thickness= 2,0 mm				
LKUCH60	405715	57	0,22	10
Material thickness = 1.5 mm				
LKUPH80	405716	77	0,18	10
Material thickness= 2.0 mm				
LKUCH80	405717	77	0,25	10
Material thickness = 1.5 mm				
LKUPH100	405718	107	0,22	10
Material thickness= 2.0 mm				
LKUCH100	405719	107	0,31	10

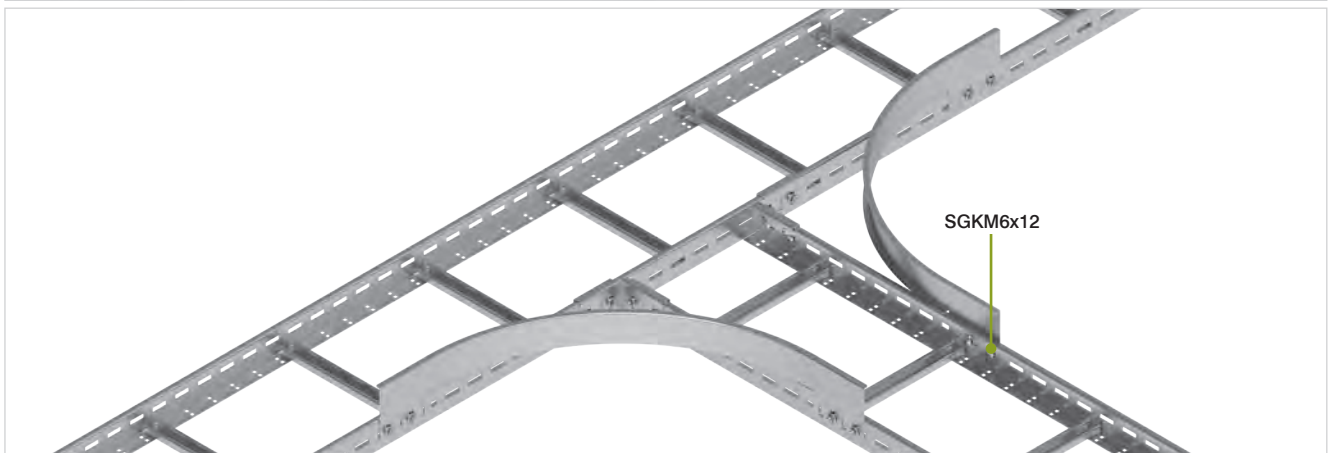
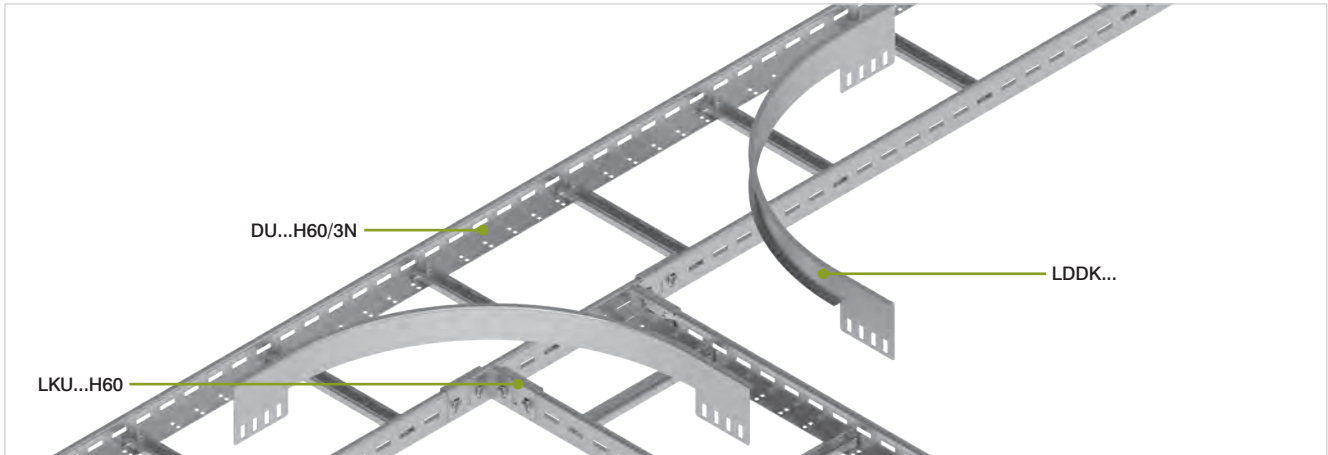
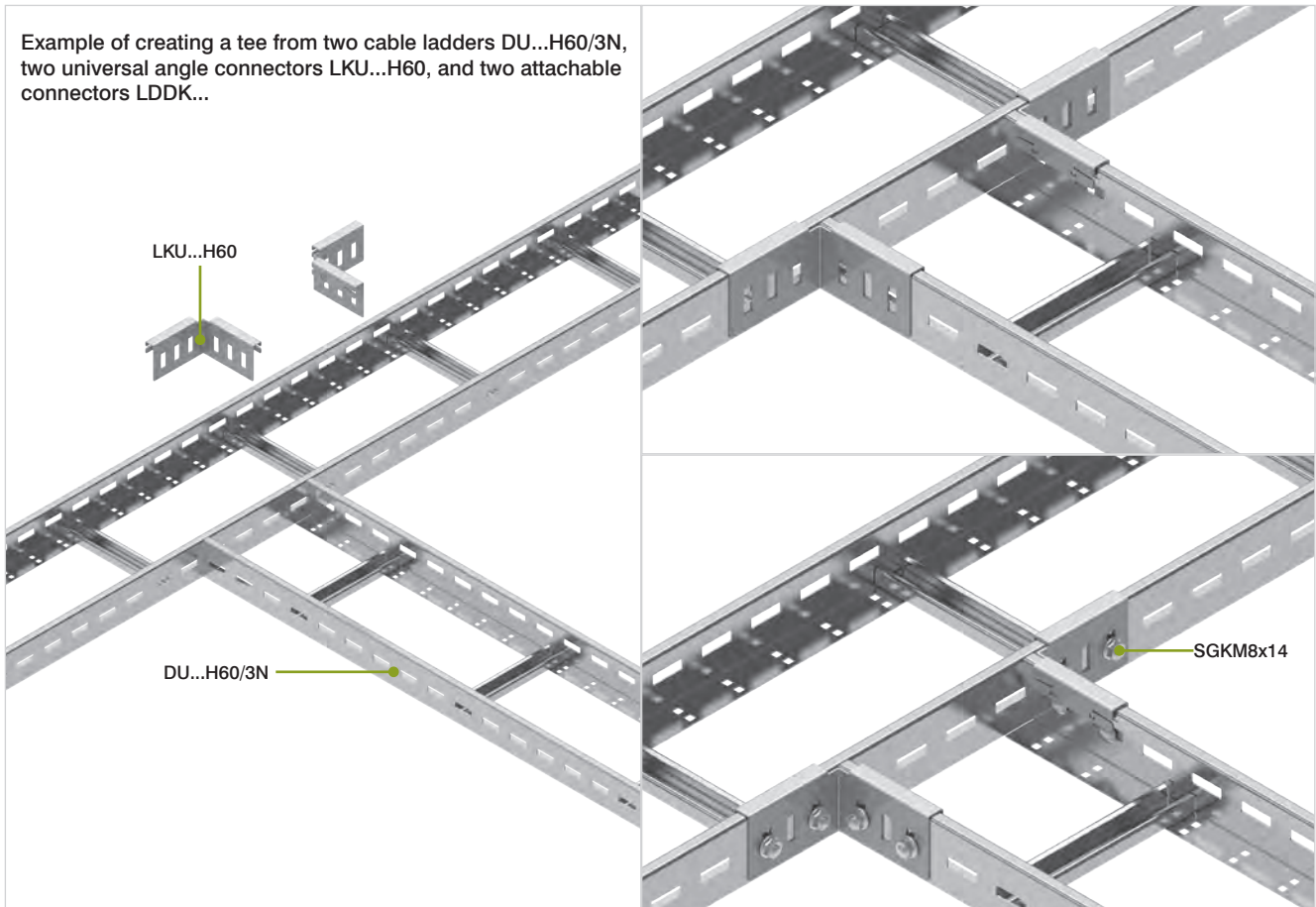
Use:
Quick and easy connection of a new cable route to an existing one at any point.

Additional information:
- for mounting, we offer 8 sets of SGKM8x14 or SGM8x14 bolts
- stable and fast mounting without drilling holes

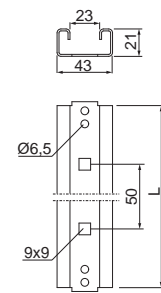


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Example of creating a tee from two cable ladders DU...H60/3N, two universal angle connectors LKU...H60, and two attachable connectors LDDK...



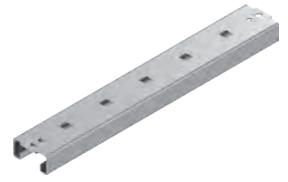
Rung	SMEP...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]



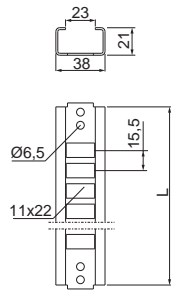
Material thickness = 1.5 mm				
SMEP100	801121	90	0.11	50
SMEP200	801122	190	0.23	50
SMEP300	801123	290	0.35	50
SMEP400	801124	390	0.47	30
SMEP500	801125	490	0.59	30
SMEP600	801126	590	0.71	30

Additional information:

- rung adapted for mounting cable clamps UKZ... and UKZP...
- rung adapted for mounting ELIS power cable clamps using a channel nut NRM...
- high strength parameters
- self-assembly of ladders in "S" coating using NSZ6x10 blind rivet
- self-assembly of ladders in "F" coating using SGKFM6x12 screws
- self-assembly of stainless steel ladders using SGKM6x12E screws



Rung	SOKP...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]



Material thickness = 1.5 mm				
SOKP100	801170	90	0.11	50
SOKP200	801171	190	0.23	50
SOKP300	801172	290	0.35	50
SOKP400	801173	390	0.47	30
SOKP500	801174	490	0.59	30
SOKP600	801175	590	0.71	30

Use:

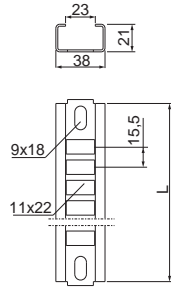
For self-mounting ladders complete with ladder sides.

Additional information:

- rung adapted for mounting cable clamps and cables with steel straps
- high strength parameters
- self-assembly of ladders in "S" coating using NSZ6x10 blind rivet
- self-assembly of ladders in "F" coating using SGKFM6x12 screws
- self-assembly of stainless steel ladders using SGKM6x12E screws



Rung	SFOKP...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]



Material thickness = 1.5 mm				
SFOKP100	801176	90	0.11	50
SFOKP200	801177	190	0.23	50
SFOKP300	801178	290	0.35	50
SFOKP400	801179	390	0.47	30
SFOKP500	801180	490	0.59	30
SFOKP600	801181	590	0.71	30
SFOKP1000	801182	990	1.20	30

Use:

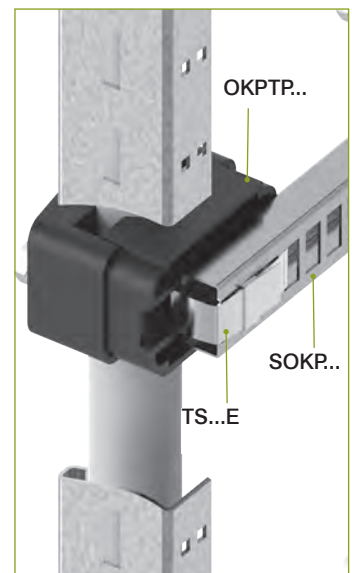
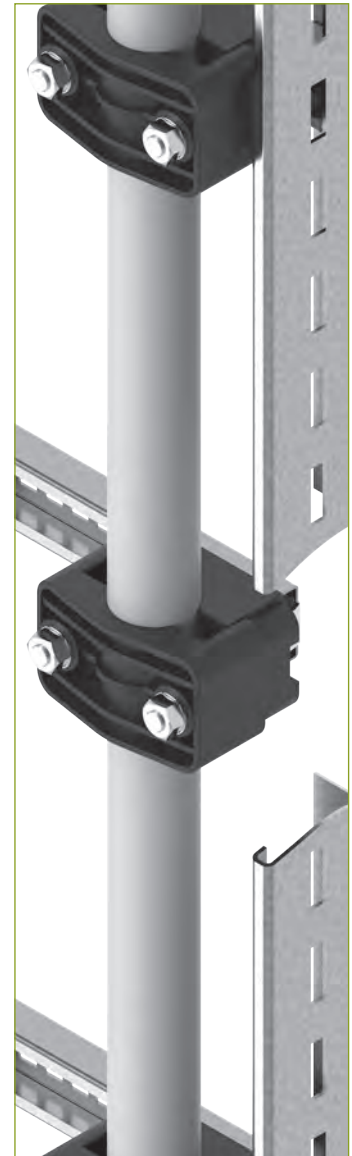
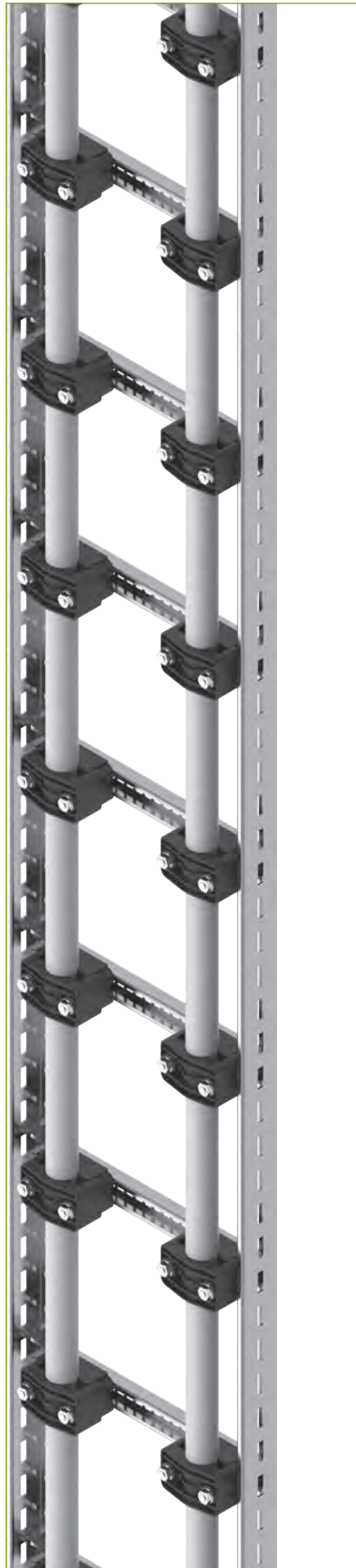
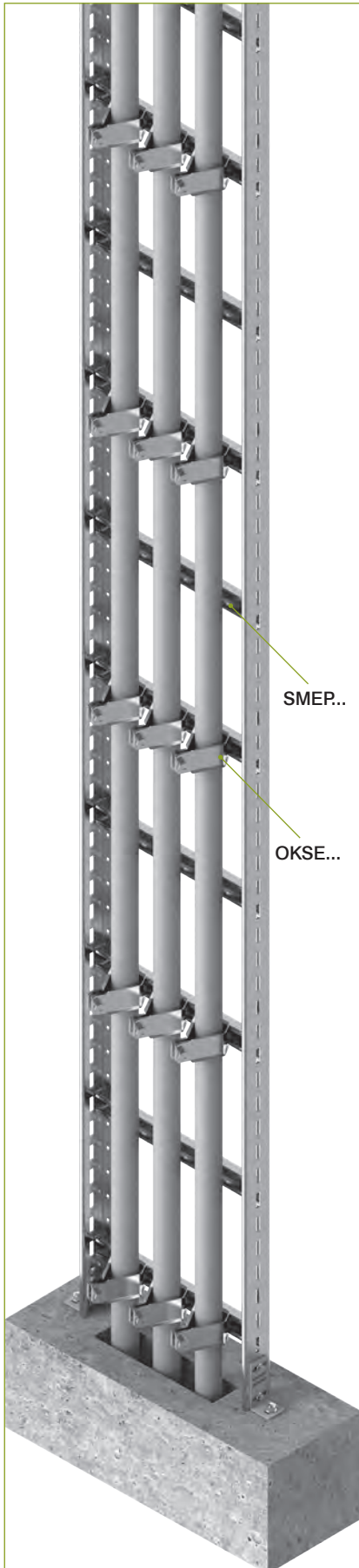
Cable fastening using clamps or steel straps

Additional information:

- high strength parameters

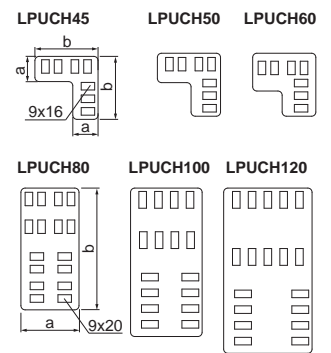


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



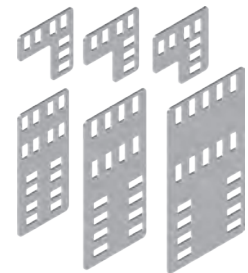


Branching connector	LPUC...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a [mm]	dimension b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm					
LPUCH45	405830	30	75	0.04	2
LPUCH50	405831	35	75	0.05	2
LPUCH60	405832	40	75	0.07	2
LPUCH80	405833	69	145	0.12	2
LPUCH100	405834	85	177	0.19	2
LPUCH120	405836	105	197	0.27	2

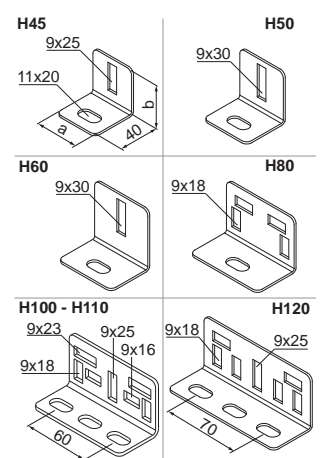


Use:
Branching at any point of a horizontal cable route, upwards or downwards.

Additional information:
– SGK8x16 or SGM8x16 bolts are required for assembly

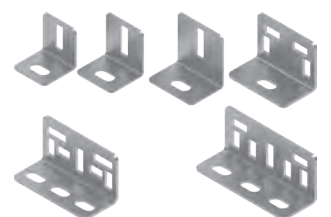


Base plate	STMD...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
STMDCH45	104995	40/41	0.04	2	
STMDCH50	104996	45/46	0.05	2	
STMDCH60	104997	55/54	0.07	2	
Material thickness = 3.0 mm					
STMDTH80	104998	70/49	0.12	2	
STMDTH100	104999	90/49	0.15	2	
STMDTH120	104500	110/49	0.18	2	



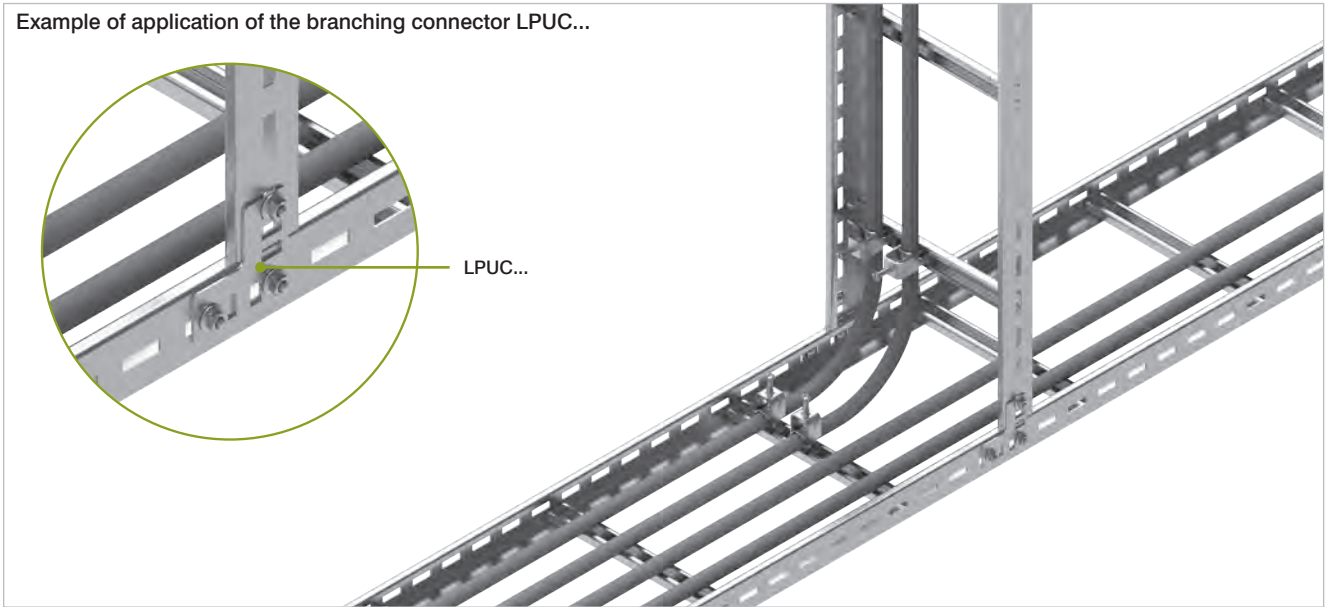
Use:
Mounting cable trays and ladders vertically or horizontally to the substrate.

Additional information:
– SGK8x16 or SGM8x16 bolts are required for assembly

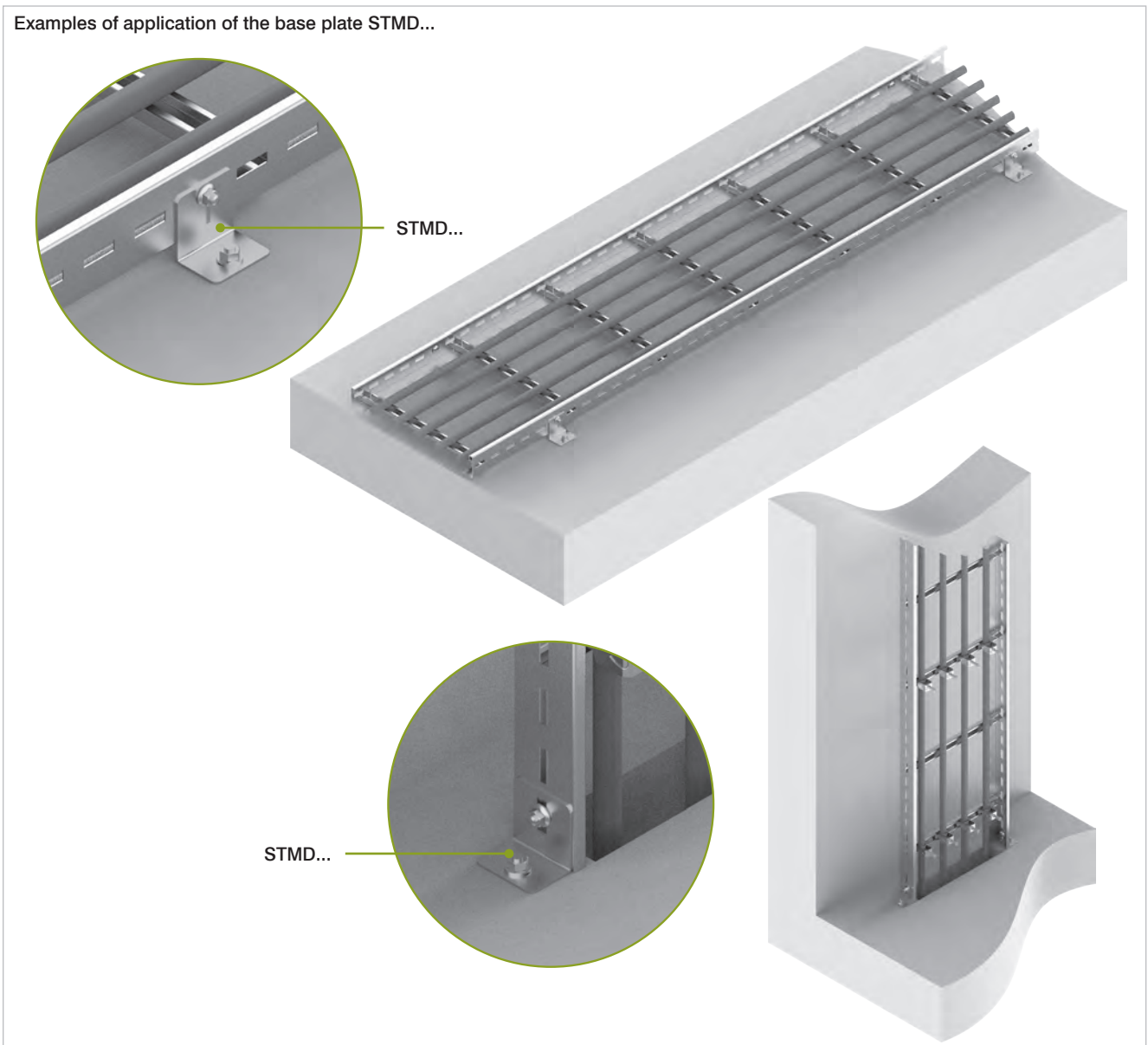


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Example of application of the branching connector LPUC...



Examples of application of the base plate STMD...



New adjustable bends for long-span cable ladder system with heights 100–200 mm

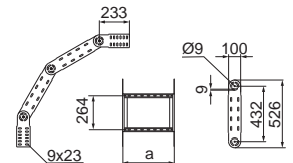
Adjustable Vertical Bend Element ELMDS...



Adjustable Vertical Bend LLMDS...



Adjustable Vertical Bend	LLMDSP...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMDSP200H100	420922	200	5.36	1	LLMDSC200H100
LLMDSP300H100	420932	300	5.62	1	LLMDSC300H100
LLMDSP400H100	420942	400	5.89	1	LLMDSC400H100
LLMDSP500H100	420952	500	6.14	1	LLMDSC500H100
LLMDSP600H100	420962	600	6.41	1	LLMDSC600H100



Adjustable Vertical Bend	LLMDSC...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMDSC200H100	413424	200	6.38	1	LLMDST200H100
LLMDSC300H100	413434	300	6.65	1	LLMDST300H100
LLMDSC400H100	413444	400	6.92	1	LLMDST400H100
LLMDSC500H100	413454	500	7.17	1	LLMDST500H100
LLMDSC600H100	413464	600	7.44	1	LLMDST600H100



Adjustable Vertical Bend	LLMDST...H100	mat.: S	option: F, E, L		
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 3.0 mm					
LLMDST200H100	413425	200	8.09	1	LLMDSC200H100
LLMDST300H100	413435	300	8.36	1	LLMDSC300H100
LLMDST400H100	413445	400	8.63	1	LLMDSC400H100
LLMDST500H100	413455	500	8.88	1	LLMDSC500H100
LLMDST600H100	413465	600	9.15	1	LLMDSC600H100



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use 16 SGK8x16 or SGM8x16 bolts to connect fittings to ladders



NEW PRODUCTS IN THE LONG-SPAN CABLE LADDER SYSTEM

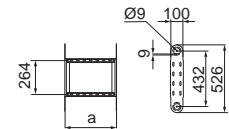
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



Adjustable Vertical Bend Element

ELMDSP...H100 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

ELMDSP200H100	420223	200	1.49	1	ELMDSC200H100
ELMDSP300H100	420233	300	1.62	1	ELMDSC300H100
ELMDSP400H100	420243	400	1.76	1	ELMDSC400H100
ELMDSP500H100	420253	500	1.88	1	ELMDSC500H100
ELMDSP600H100	420263	600	2.02	1	ELMDSC600H100

Adjustable Vertical Bend Element

ELMDSC...H100 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

ELMDSC200H100	413514	200	2.01	1	ELMDST200H100
ELMDSC300H100	413524	300	2.14	1	ELMDST300H100
ELMDSC400H100	413534	400	2.28	1	ELMDST400H100
ELMDSC500H100	413544	500	2.40	1	ELMDST500H100
ELMDSC600H100	413554	600	2.54	1	ELMDST600H100

Adjustable Vertical Bend Element

ELMDST...H100 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

ELMDST200H100	413564	200	2.87	1	ELMDSC200H100
ELMDST300H100	413574	300	3.01	1	ELMDSC300H100
ELMDST400H100	413584	400	3.14	1	ELMDSC400H100
ELMDST500H100	413594	500	3.27	1	ELMDSC500H100
ELMDST600H100	413604	600	3.40	1	ELMDSC600H100

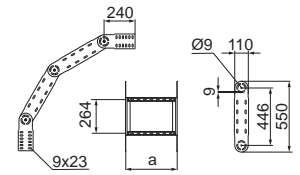
Use:

Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend		LLMDSP...H110	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMDSP200H110	421922	200	5.79	10	LLMDSC200H110
LLMDSP300H110	421932	300	6.06	4	LLMDSC300H110
LLMDSP400H110	421942	400	6.33	4	LLMDSC400H110
LLMDSP500H110	421952	500	6.58	4	LLMDSC500H110
LLMDSP600H110	421962	600	6.85	4	LLMDSC600H110



Adjustable Vertical Bend		LLMDSC...H110	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMDSC200H110	413724	200	6.93	10	LLMDSP200H110
LLMDSC300H110	413734	300	7.20	4	LLMDSP300H110
LLMDSC400H110	413744	400	7.46	4	LLMDSP400H110
LLMDSC500H110	413754	500	7.72	4	LLMDSP500H110
LLMDSC600H110	413764	600	7.98	4	LLMDSP600H110



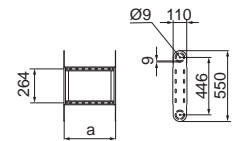
Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use 16 SGK8x16 or SGM8x16 bolts to connect fittings to ladders

Adjustable Vertical Bend Element		ELMDSP...H110	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
ELMDSP200H110	421223	200	1.61	10	ELMDSC200H110
ELMDSP300H110	421233	300	1.75	4	ELMDSC300H110
ELMDSP400H110	421243	400	1.88	4	ELMDSC400H110
ELMDSP500H110	421253	500	2.01	4	ELMDSC500H110
ELMDSP600H110	421263	600	2.14	4	ELMDSC600H110



Adjustable Vertical Bend Element		ELMDSC...H110	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDSC200H110	413824	200	2.19	10	ELMDSP200H110
ELMDSC300H110	413834	300	2.32	4	ELMDSP300H110
ELMDSC400H110	413844	400	2.46	4	ELMDSP400H110
ELMDSC500H110	413854	500	2.58	4	ELMDSP500H110
ELMDSC600H110	413864	600	2.72	4	ELMDSP600H110



Use:

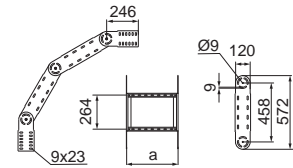
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend		LLMDSP...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm

LLMDSP200H120	422922	200	6.23	10	LLMDSC200H120
LLMDSP300H120	422932	300	6.49	4	LLMDSC300H120
LLMDSP400H120	422942	400	6.76	4	LLMDSC400H120
LLMDSP500H120	422952	500	7.02	4	LLMDSC500H120
LLMDSP600H120	422962	600	7.28	4	LLMDSC600H120

Adjustable Vertical Bend		LLMDSC...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 2.0 mm

LLMDSC200H120	435024	200	7.47	10	LLMDSP200H120
LLMDSC300H120	435034	300	7.73	4	LLMDSP300H120
LLMDSC400H120	435044	400	8.00	4	LLMDSP400H120
LLMDSC500H120	435054	500	8.26	4	LLMDSP500H120
LLMDSC600H120	435064	600	8.52	4	LLMDSP600H120

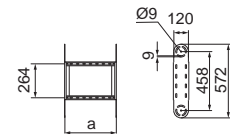
Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use 16 SGK8x16 or SGM8x16 bolts to connect fittings to ladders

Adjustable Vertical Bend Element		ELMDSP...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 1.5 mm

ELMDSP200H120	422227	200	2.94	10	ELMDSC200H120
ELMDSP300H120	422237	300	1.87	4	ELMDSC300H120
ELMDSP400H120	422247	400	2.01	4	ELMDSC400H120
ELMDSP500H120	422257	500	2.13	4	ELMDSC500H120
ELMDSP600H120	422267	600	2.27	4	ELMDSC600H120



Adjustable Vertical Bend Element		ELMDSC...H120	mat.: S	option: F, E, L	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute



Material thickness = 2.0 mm

ELMDSC200H120	435124	200	2.36	10	ELMDSP200H120
ELMDSC300H120	435134	300	2.50	4	ELMDSP300H120
ELMDSC400H120	435144	400	2.63	4	ELMDSP400H120
ELMDSC500H120	435154	500	2.76	4	ELMDSP500H120
ELMDSC600H120	435164	600	2.89	4	ELMDSP600H120

Use:

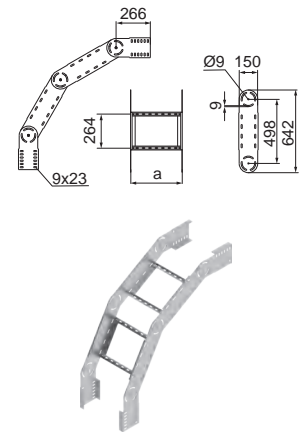
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend LLMDSP...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 1.5 mm					
LLMDSP200H150	423922	200	7.86	10	LLMDSC200H150
LLMDSP300H150	423932	300	8.13	4	LLMDSC300H150
LLMDSP400H150	423942	400	8.40	4	LLMDSC400H150
LLMDSP500H150	423952	500	8.65	4	LLMDSC500H150
LLMDSP600H150	423962	600	8.92	4	LLMDSC600H150



Adjustable Vertical Bend LLMDSC...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMDSC200H150	436326	200	9.50	10	LLMDST200H150
LLMDSC300H150	436336	300	9.76	4	LLMDST300H150
LLMDSC400H150	436346	400	10.03	4	LLMDST400H150
LLMDSC500H150	436356	500	10.29	4	LLMDST500H150
LLMDSC600H150	436366	600	10.55	4	LLMDST600H150



Adjustable Vertical Bend LLM DST...H150 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 3.0 mm					
LLMDST200H150	436426	200	12.22	10	LLMDSC200H150
LLMDST300H150	436436	300	12.49	4	LLMDSC300H150
LLMDST400H150	436446	400	12.76	4	LLMDSC400H150
LLMDST500H150	436456	500	13.01	4	LLMDSC500H150
LLMDST600H150	436466	600	13.28	4	LLMDSC600H150



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use 16 SGKM8x16 or SGM8x16 bolts to connect fittings to ladders



NEW PRODUCTS IN THE LONG-SPAN CABLE LADDER SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

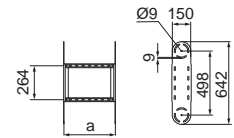
Adjustable Vertical Bend Element

ELMDSP...H150

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 1.5 mm

ELMDSP200H150	423227	200	2.20	10	ELMDSC200H150
ELMDSP300H150	423237	300	2.34	4	ELMDSC300H150
ELMDSP400H150	423247	400	2.47	4	ELMDSC400H150
ELMDSP500H150	423257	500	2.60	4	ELMDSC500H150
ELMDSP600H150	423267	600	2.73	4	ELMDSC600H150

Adjustable Vertical Bend Element

ELMDSC...H150

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 2.0 mm

ELMDSC200H150	436422	200	3.03	10	ELMDST200H150
ELMDSC300H150	436432	300	3.16	4	ELMDST300H150
ELMDSC400H150	436442	400	3.30	4	ELMDST400H150
ELMDSC500H150	436452	500	3.42	4	ELMDST500H150
ELMDSC600H150	436462	600	3.56	4	ELMDST600H150

Adjustable Vertical Bend Element

ELMDST...H150

mat.: S

option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
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Material thickness = 3.0 mm

ELMDST200H150	436425	200	4.40	10	ELMDSC200H150
ELMDST300H150	436435	300	4.54	4	ELMDSC300H150
ELMDST400H150	436445	400	4.67	4	ELMDSC400H150
ELMDST500H150	436455	500	4.80	4	ELMDSC500H150
ELMDST600H150	436465	600	4.93	4	ELMDSC600H150

Use:

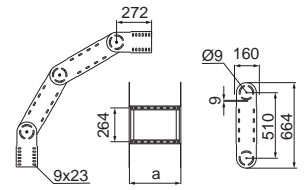
Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements

Adjustable Vertical Bend LLMDC...H160 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
LLMDSC200H160	452518	200	10.10	10	LLDSC200H160
LLMDSC300H160	452528	300	10.37	4	LLDSC300H160
LLMDSC400H160	452538	400	10.64	4	LLDSC400H160
LLMDSC500H160	452548	500	10.89	4	LLDSC500H160
LLMDSC600H160	452558	600	11.16	4	LLDSC600H160



Use:

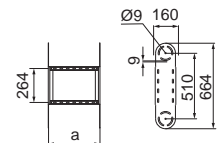
Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

- use 16 SGKM8x16 or SGM8x16 bolts to connect fittings to ladders
- for large orders, it is possible to make fittings from sheet metal with a thickness of 1.5 mm

Adjustable Vertical Bend Element ELMDC...H160 mat.: S option: F, E, L

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	substitute
Material thickness = 2.0 mm					
ELMDSC200H160	452717	200	3.23	1	ELDSC200H160
ELMDSC300H160	453717	300	3.36	1	ELDSC300H160
ELMDSC400H160	454717	400	3.50	1	ELDSC400H160
ELMDSC500H160	455717	500	3.62	1	ELDSC500H160
ELMDSC600H160	456717	600	3.76	1	ELDSC600H160



Use:

Increasing the radius of the adjustable bend.

Additional information:

- use SMM8x16 bolts to mount hinged elements
- for large orders, it is possible to make fittings from sheet metal with a thickness of 1.5 mm

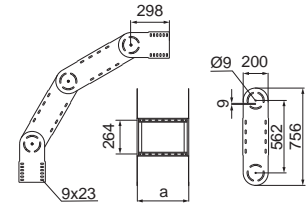
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Vertical Bend LLMDS...H200 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

LLMDSC200H200	436611	200	14.23	10	LLMDST200H200
LLMDSC300H200	436621	300	14.49	4	LLMDST300H200
LLMDSC400H200	436631	400	14.76	4	LLMDST400H200
LLMDSC500H200	436641	500	15.02	4	LLMDST500H200
LLMDSC600H200	436651	600	15.28	4	LLMDST600H200



Adjustable Vertical Bend LLMDS...H200 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 3.0 mm

LLMDST200H200	436615	200	18.51	10	LLMDSC200H200
LLMDST300H200	436625	300	18.78	4	LLMDSC300H200
LLMDST400H200	436635	400	19.05	4	LLMDSC400H200
LLMDST500H200	436645	500	19.30	4	LLMDSC500H200
LLMDST600H200	436655	600	19.57	4	LLMDSC600H200



Use:

Changing the direction of the cable route. Full range angle adjustment with locking mechanism.

Additional information:

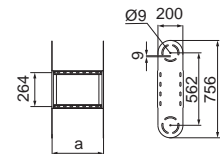
- use 16 SGKM8x16 or SGM8x16 bolts to connect fittings to ladders

Adjustable Vertical Bend Element ELMDSC...H200 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 2.0 mm

ELMDSC200H200	435724	200	4.59	10	ELMDST200H200
ELMDSC300H200	435734	300	4.72	4	ELMDST300H200
ELMDSC400H200	435744	400	4.86	4	ELMDST400H200
ELMDSC500H200	435754	500	4.98	4	ELMDST500H200
ELMDSC600H200	435764	600	5.12	4	ELMDST600H200



Adjustable Vertical Bend Element ELMDST...H200 mat.: S option: F, E, L

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.] substitute

Material thickness = 3.0 mm

ELMDST200H200	436714	200	6.74	10	ELMDSC200H200
ELMDST300H200	436724	300	6.88	4	ELMDSC300H200
ELMDST400H200	436734	400	7.01	4	ELMDSC400H200
ELMDST500H200	436744	500	7.14	4	ELMDSC500H200
ELMDST600H200	436754	600	7.27	4	ELMDSC600H200



Use:

Increasing the radius of the adjustable bend.

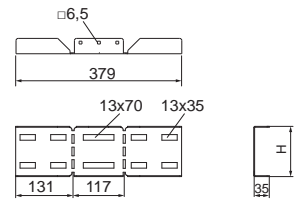
Additional information:

- use SMM8x16 bolts to mount hinged elements



Internal connector LWUS... mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LWUSPH100	211203	104	0.64	2
LWUSPH110	211204	114	0.68	2
LWUSPH120	211205	124	0.73	2
LWUSPH150	211206	154	0.86	2
LWUSPH160	211207	164	0.92	2
LWUSPH200	211208	204	1.08	2
Material thickness = 2.0 mm				
LWUSCH100	211209	105	0.85	2
LWUSCH110	211210	115	0.91	2
LWUSCH120	211211	125	0.97	2
LWUSCH150	211212	155	1.15	2
LWUSCH160	211213	165	1.23	2
LWUSCH200	211214	205	2	



Use:

For self-assembly of bends and reducers.

Additional information:

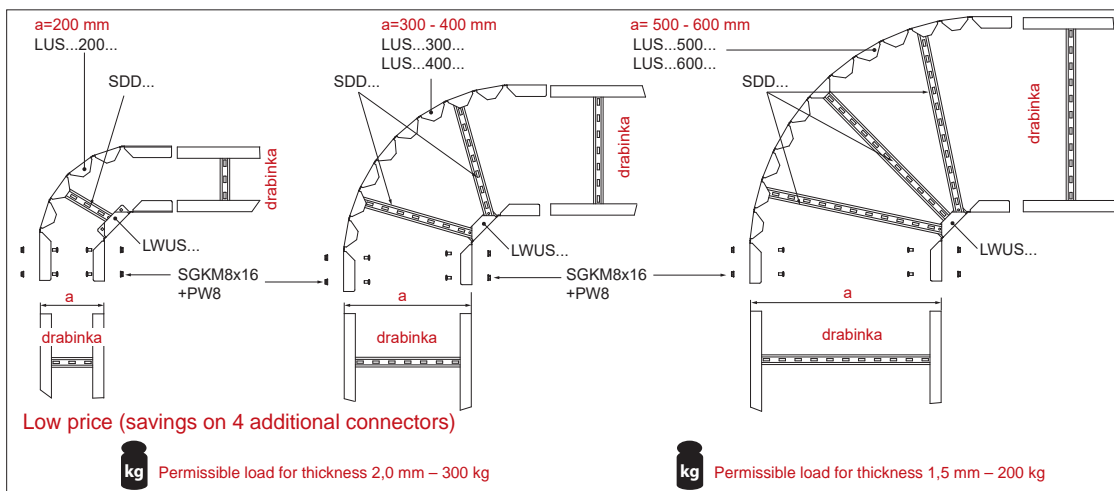
- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters

Table for components selection for self-assembly of a bend.

bend width a [mm]	internal connector 1 pcs.	external connector 1 pcs.	number of SDD... rungs	number of bolts or rivets required for rung installation	bolts for SDD... rung installation	rivets for SDD... rung installation
200	LWUS...H100-H200	LUS...200H100 -200	1	2	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10 for bends made of steel galvanized by the Sendzimir method
300		LUS...300H100 -200	2	4		
400		LUS...400H100 -200	2	4		
500		LUS...500H100 -200	3	6		
600		LUS...600H100 -200	3	6		

Example order of components for assembling a bend with a width of 300 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

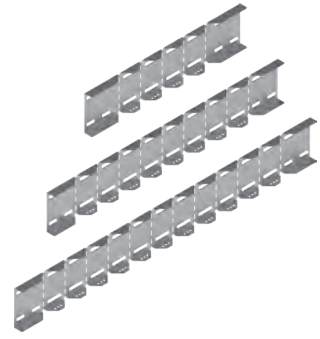
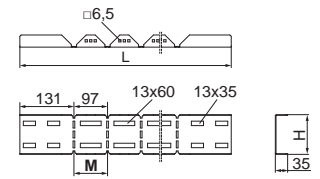
- | | | |
|--|---------------------------|---------------------------|
| 1S. LWUSCH100 x 1 pcs. | 1F. LWUSCH100F x 1 pcs. | 1E. LWUSCH100E x 1 pcs. |
| 2S. LUSC300H100 x 1 pcs. | 2F. LUSC300H100F x 1 pcs. | 2E. LUSC300H100E x 1 pcs. |
| 3S. SDD300 x 2 pcs. | 3F. SDD300F x 2 pcs. | 3E. SDD300E x 2 pcs. |
| 4S. SGKM6x12 x 4 pcs. lub NSZ6x10 x 4 pcs. | 4F. SGKFM6x12 x 4 pcs. | 4E. SGKM6x12E x 4 szt |



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Universal connector LUSP... mat.: S option: F, E, L

symbol	catalogue number	dimension H/L [mm]	number of modules M	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm					
LUSP200H100	211101	104/747	5	1.12	2
LUSP300H100	211102	104/844	6	1.30	2
LUSP400H100	211103	104/1038	8	1.58	2
LUSP500H100	211104	104/1135	9	1.82	2
LUSP600H100	211105	104/1329	11	2.00	2
LUSP200H110	211106	114/747	5	1.19	2
LUSP300H110	211107	114/844	6	1.38	2
LUSP400H110	211108	114/1038	8	1.69	2
LUSP500H110	211109	114/1135	9	1.95	2
LUSP600H110	211111	114/1329	11	2.15	2
LUSP200H120	211112	124/747	5	1.28	2
LUSP300H120	211113	124/844	6	1.49	2
LUSP400H120	211114	124/1038	8	1.82	2
LUSP500H120	211115	124/1135	9	2.09	2
LUSP600H120	211116	124/1329	11	2.30	2
LUSP200H150	211117	154/747	5	1.52	2
LUSP300H150	211118	154/844	6	1.78	2
LUSP400H150	211119	154/1038	8	2.17	2
LUSP500H150	211123	154/1135	9	2.50	2
LUSP600H150	211124	154/1329	11	2.76	2
LUSP200H160	211125	164/747	5	1.61	2
LUSP300H160	211126	164/844	6	1.90	2
LUSP400H160	211127	164/1038	8	2.31	2
LUSP500H160	211128	164/1135	9	2.66	2
LUSP600H160	211129	164/1329	11	2.94	2
LUSP200H200	211302	204/747	5	1.93	2
LUSP300H200	211303	204/844	6	2.27	2
LUSP400H200	211304	204/1038	8	2.78	2
LUSP500H200	211305	204/1135	9	3.19	2
LUSP600H200	211306	204/1329	11	3.53	2



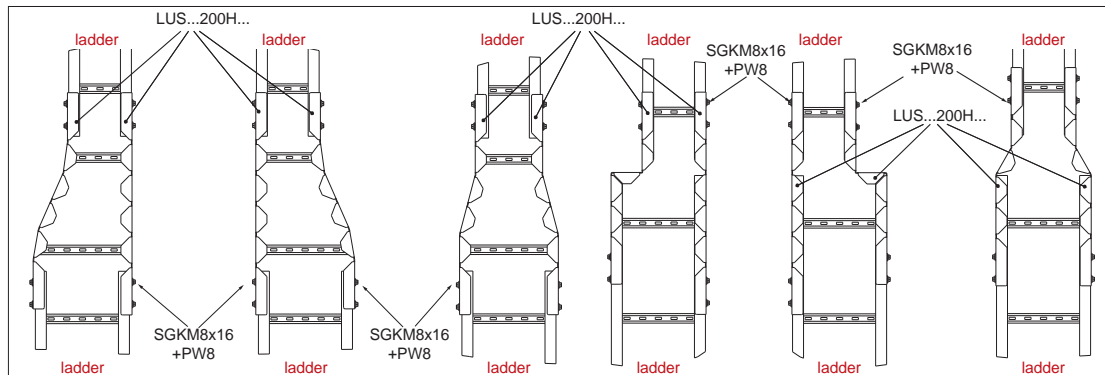
Use:

For self-assembly of bends and reducers.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters

Example of self-assembly of a reducer



Universal connector LUSC... mat.: S option: F, E, L

symbol	catalogue number	dimension H/L [mm]	number of modules M	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm					
LUSC200H100	211136	105/747	5	1.49	2
LUSC300H100	211137	105/844	6	1.72	2
LUSC400H100	211138	105/1038	8	2.10	2
LUSC500H100	211139	105/1135	9	2.42	2
LUSC600H100	211140	105/1329	11	2.67	2
LUSC200H110	211143	115/747	5	1.59	2
LUSC300H110	211144	115/844	6	1.84	2
LUSC400H110	211145	115/1038	8	2.25	2
LUSC500H110	211146	115/1135	9	2.60	2
LUSC600H110	211147	115/1329	11	2.86	2
LUSC200H120	211148	125/747	5	1.70	2
LUSC300H120	211149	125/844	6	1.98	2
LUSC400H120	211153	125/1038	8	2.42	2
LUSC500H120	211154	125/1135	9	2.78	2
LUSC600H120	211155	125/1329	11	3.07	2
LUSC200H150	211156	155/747	5	2.02	2
LUSC300H150	211157	155/844	6	2.37	2
LUSC400H150	211158	155/1038	8	2.89	2
LUSC500H150	211159	155/1135	9	3.33	2
LUSC600H150	211163	155/1329	11	3.68	2
LUSC200H160	211164	165/747	4	2.15	2
LUSC300H160	211165	165/844	6	2.53	2
LUSC400H160	211166	165/1038	8	3.08	2
LUSC500H160	211167	165/1135	9	3.55	2
LUSC600H160	211168	165/1329	11	3.92	2
LUSC200H200	211169	205/747	5	2.57	2
LUSC300H200	211170	205/844	6	3.03	2
LUSC400H200	211171	205/1038	8	3.70	2
LUSC500H200	211172	205/1135	9	4.25	2
LUSC600H200	211173	205/1329	11	4.71	2

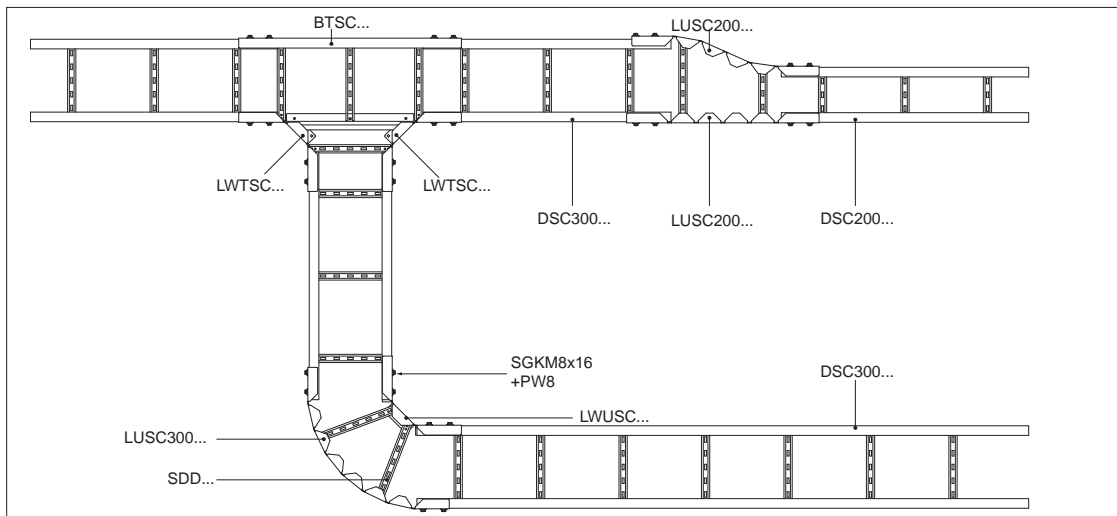
Use:

Forming reducers and bends.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters

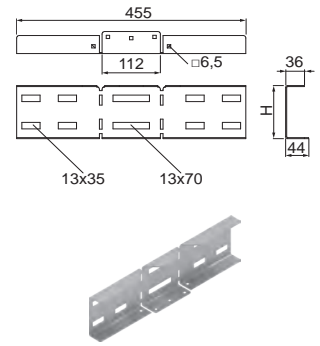
Example of a cable route constructed from self-assembly fittings.



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Internal tee connector LWTS... mat.: S option: F, E, L

symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
LWTSPH100	212215	104	0.82	1
LWTSPH110	212216	114	0.88	1
LWTSPH120	212217	124	0.93	1
LWTSPH150	212218	154	1.09	1
LWTSPH160	212219	164	1.14	1
LWTSPH200	212220	204	1.36	1
Material thickness = 2.0 mm				
LWTSCH100	211310	105	1.09	1
LWTSCH110	211311	115	1.17	1
LWTSCH120	211312	125	1.24	1
LWTSCH150	211313	155	1.45	1
LWTSCH160	211314	165	1.52	1
LWTSCH200	211315	205	1.81	1



Use:
For self-assembly of tees.

Additional information:

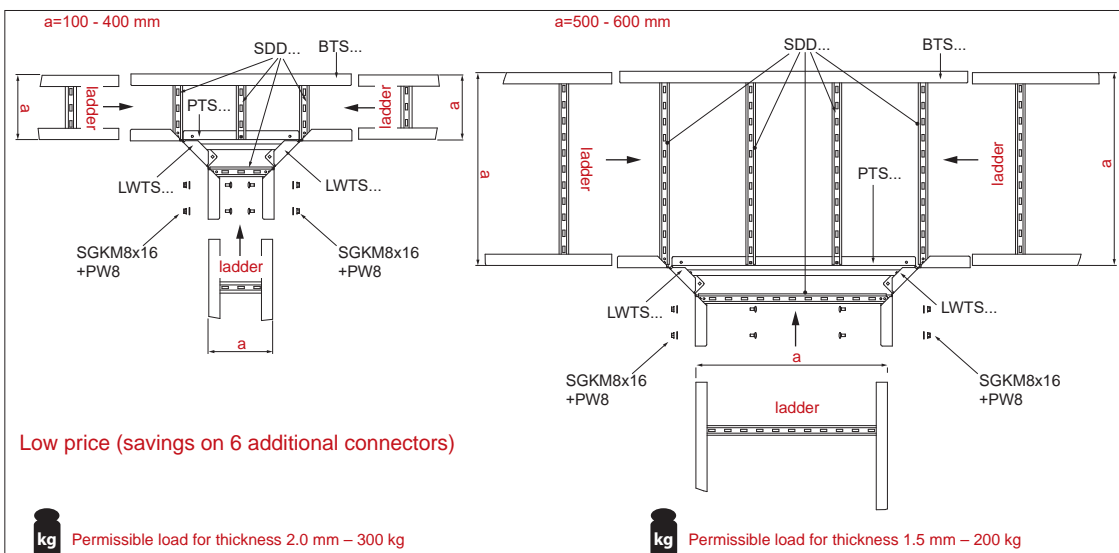
- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Table for components selection for self-assembly of a tee.

tee width a [mm]	internal connector - 2 pcs.	tee side 1 pcs.	tee crossbar 1 pcs.	number of rungs SDD...	number of bolts or rivets required for rung installation	bolts for SDD... rung installation	rivets for SDD... rung installation
200	LWTS...H100-H200	BTS...200H100 -200	PTS...200	4	8	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10 for tees made of steel galvanized by the Sendzimir method
300		BTS...300H100 -200	PTS...300	4	8		
400		BTS...400H100 -200	PTS...400	4	8		
500		BTS...500H100 -200	PTS...500	5	10		
600		BTS...600H100 -200	PTS...600	5	10		

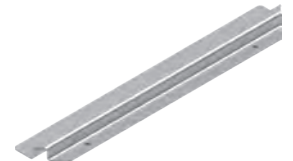
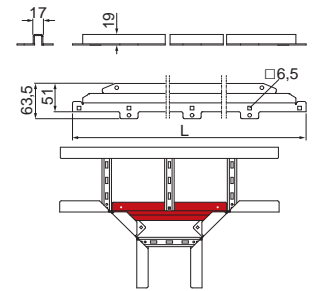
Example order of components for assembling a tee with a width of 300 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|--|---------------------------|---------------------------|
| 1S. LWTSCH100 x 2 pcs. | 1F. LWTSCH100F x 2 pcs. | 1E. LWTSCH100E x 2 pcs. |
| 2S. PTSC300 x 1 pcs. | 2F. PTSC300F x 1 pcs. | 2E. PTSC300E x 1 pcs. |
| 3S. BTSC300H100 x 1 pcs. | 3F. BTSC300H100F x 1 pcs. | 3E. BTSC300H100E x 1 pcs. |
| 4S. SDD300 x 4 pcs. | 4F. SDD300F x 4 pcs. | 4E. SDD300E x 4 pcs. |
| 5S. SGKM6x12 x 8 pcs. lub NSZ6x10 x 8 pcs. | 5F. SGKFM6x12 x 8 pcs. | 5E. SGKM6x12E x 8 pcs. |



Tee crossbar **PTS...** mat.: S option: F, E, L

symbol catalogue number dimension L [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 1.5 mm				
PTSP200	211317	463	0.36	1
PTSP300	211318	563	0.47	1
PTSP400	211319	663	0.57	1
PTSP500	211320	763	0.67	1
PTSP600	211322	863	0.77	1
Material thickness = 2.0 mm				
PTSC200	211323	463	0.36	1
PTSC300	211324	563	0.47	1
PTSC400	211325	663	0.76	1
PTSC500	211326	763	0.89	1
PTSC600	211327	863	1.03	1

Use:

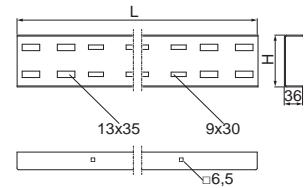
For self-assembly of tees.

Additional information:

- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Tee side	BTSP...	mat.: S	option: F, E, L		
symbol	catalogue number	dimension H/L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
BTSP200H100	211400	104/704	1.34	1	
BTSP300H100	211401	104/804	1.54	1	
BTSP400H100	211402	104/904	1.73	1	
BTSP500H100	211403	104/1004	1.92	1	
BTSP600H100	211404	104/1104	2.12	1	
BTSP200H110	211405	114/704	1.43	1	
BTSP300H110	211406	114/804	1.64	1	
BTSP400H110	211407	114/904	1.84	1	
BTSP500H110	211408	114/1004	2.04	1	
BTSP600H110	211409	114/1104	2.24	1	
BTSP200H120	211410	124/704	1.51	1	
BTSP300H120	211411	124/804	1.73	1	
BTSP400H120	211412	124/904	1.94	1	
BTSP500H120	211413	124/1004	2.16	1	
BTSP600H120	211414	124/1104	2.38	1	
BTSP200H150	211415	154/704	1.76	1	
BTSP300H150	211416	154/804	2.02	1	
BTSP400H150	211417	154/904	2.27	1	
BTSP500H150	211418	154/1004	2.51	1	
BTSP600H150	211419	154/1104	2.77	1	
BTSP200H160	211420	164/704	1.85	1	
BTSP300H160	211460	164/804	2.11	1	
BTSP400H160	211461	164/904	2.38	1	
BTSP500H160	211462	164/1004	2.63	1	
BTSP600H160	211463	164/1104	2.90	1	
BTSP200H200	211464	204/704	2.18	1	
BTSP300H200	211465	204/804	2.49	1	
BTSP400H200	211466	204/904	2.81	1	
BTSP500H200	211467	204/1004	3.11	1	
BTSP600H200	211468	204/1104	3.42	1	



Additional information:

- for installation with ladders, use SGK M8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Tee side	BTSC...	mat.: S	option: F, E, L		
symbol	catalogue number	dimension H/L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	 
Material thickness = 2.0 mm					
BTSC200H100	211469	105/704	1.79	1	
BTSC300H100	211470	105/804	2.05	1	
BTSC400H100	211471	105/904	2.31	1	
BTSC500H100	211472	105/1004	2.56	1	
BTSC600H100	211473	105/1104	2.82	1	
BTSC200H110	211474	115/704	1.90	1	
BTSC300H110	211475	115/804	2.18	1	
BTSC400H110	211476	115/904	2.45	1	
BTSC500H110	211477	115/1004	2.72	1	
BTSC600H110	211478	115/1104	2.99	1	
BTSC200H120	211479	125/704	2.01	1	
BTSC300H120	211480	125/804	2.30	1	
BTSC400H120	211481	125/904	2.59	1	
BTSC500H120	211482	125/1004	2.88	1	
BTSC600H120	211483	125/1104	3.17	1	
BTSC200H150	211484	155/704	2.35	1	
BTSC300H150	211485	155/804	2.69	1	
BTSC400H150	211486	155/904	3.02	1	
BTSC500H150	211487	155/1004	3.35	1	
BTSC600H150	211488	155/1104	3.69	1	
BTSC200H160	211489	165/704	2.46	1	
BTSC300H160	211490	165/804	2.81	1	
BTSC400H160	211491	165/904	3.17	1	
BTSC500H160	211492	165/1004	3.51	1	
BTSC600H160	211493	165/1104	3.86	1	
BTSC200H200	211494	205/704	2.90	1	
BTSC300H200	211495	205/804	3.32	1	
BTSC400H200	211496	205/904	3.74	1	
BTSC500H200	211497	205/1004	4.14	1	
BTSC600H200	211498	205/1104	4.56	1	

Use:

For self-assembly of tees.

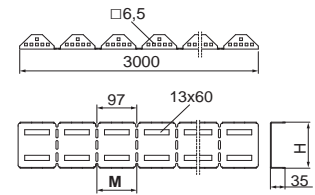
Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 6 additional connectors), a cheaper alternative to prefabricated fittings
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Modular side **BMDSC3000...** mat.: S option: F, E, L

symbol catalogue number dimension H [mm] weight 1 pc. [kg] quantity per package [pcs.] number of modules M



Material thickness = 1.5 mm

BMDSC3000H100	211500	105	5.77	2	31
BMDSC3000H110	211501	115	6.19	2	31
BMDSC3000H120	211502	125	6.67	2	31
BMDSC3000H150	211503	155	8.02	2	31
BMDSC3000H160	211504	165	8.49	2	31
BMDSC3000H200	211505	205	10.32	2	31



Use:

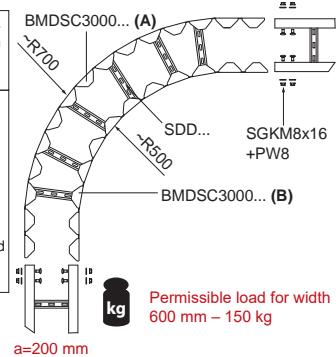
For self-assembly of bends, tees, reducers, bypasses, etc.

Additional information:

- for installation with ladders, use SGKM8x16 bolts and PW8 washers
- low price (savings on 4 additional connectors when creating bends and 6 when creating tees), a cheaper alternative to prefabricated fittings
- adjustment of the modular side length by breaking off the required number of modules **M**
- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- joining ladders at various angles within the range of 0–90°
- shortened order fulfillment time
- high strength parameters
- connection to straight cable route sections by sliding the modular side on and bolting it

Table for components selection for self-assembly of a bend with an internal radius ~R500

bend width a [mm]	BMDSC3000... length (A) [mm]	(A) number of modules	BMDSC3000... length (B) [mm]	(B) number of modules	number of rungs SDD...	number of bolts or rivets required for rung installation	bolts for SDD... rung installation	rivets for SDD... rung installation
200	1455	15	1164	12	6	12	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10
300	1649	17						
400	1843	19						
500	1940	20						
600	2134	22						

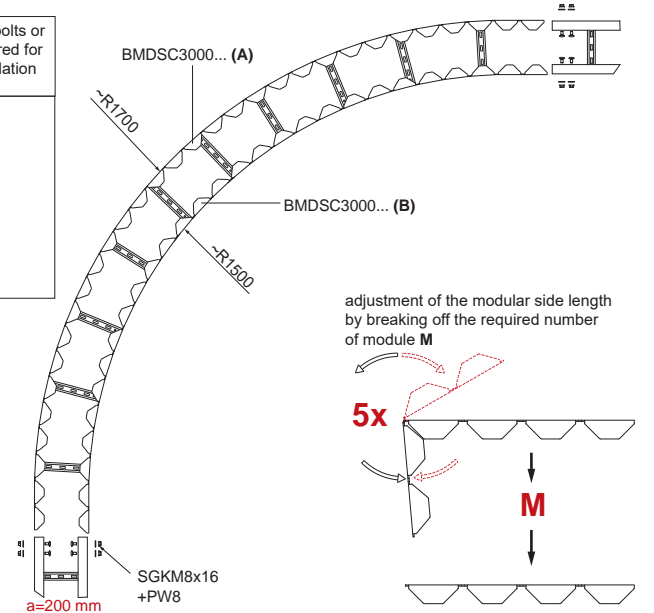


Example order of components for assembling a bend with a width of 200 mm, height H100, thickness 2 mm and internal radius $R \approx 500$ mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- | | | |
|--|-----------------------------|-----------------------------|
| 1S. BMDSC3000H100 x 1 pcs. | 1F. BMDSC3000H100F x 1 pcs. | 1E. BMDSC3000H100E x 1 pcs. |
| 2S. SDD200 x 6 pcs. | 2F. SDD200F x 6 pcs. | 2E. SDD200E x 6 pcs. |
| 3S. SGKM6x12 x 12 pcs. lub NSZ6x10 x 12 pcs. | 3F. SGKFM6x12 x 12 pcs. | 3E. SGKM6x12E x 12 pcs. |

Table for components selection for self-assembly of a bend with an external radius ~R1700

bend width a [mm]	BMDSC3000... length (A) [mm]	(A) number of modules	BMDSC3000... length (B) [mm]	(B) number of modules	number of rungs SDD...	number of bolts or rivets required for rung installation
200	3000	31	2716	28	10	20
300			2522	26		
400			2328	24		
500			2231	23		
600			2037	21		

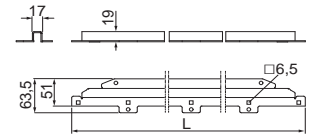


Low price (savings on 4 additional connectors)



Tee crossbar **PTBSC....** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm				
PTBSC200	211506	1161	0.48	1
PTBSC300	211507	1261	0.62	1
PTBSC400	211508	1361	0.76	1
PTBSC500	211509	1461	0.89	1
PTBSC600	211510	1561	1.03	1



Use:

For self-assembly of tees.

Additional information:

- short installation time
- installation of the fitting using blind rivets with a pneumatic riveter is approximately three times faster than manual bolting
- shortened order fulfillment time
- high strength parameters

Table for components selection for self-assembly of a bend with an internal radius ~R500 mm.

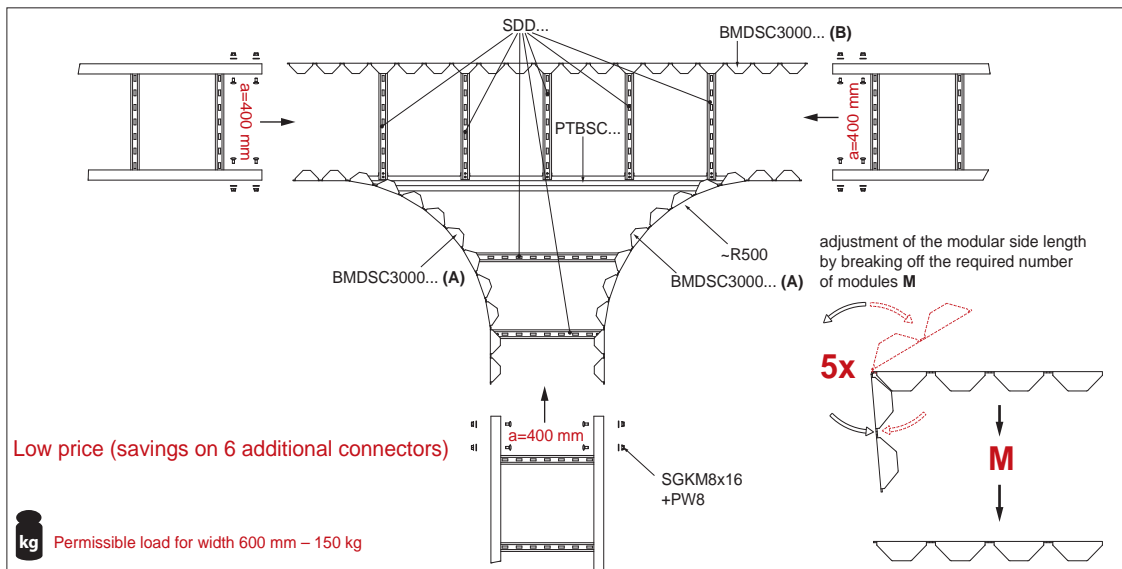
tee width a [mm]	BMDSC3000... length (A) [mm]	(A) number of modules	BMDSC3000... length (B) [mm]	(B) number of modules	tee crossbar 1 pcs.	number of rungs SDD...	number of bolts or rivets required for installation SDD... and PTBSC...	bolts for SDD... rung installation	rivets for SDD... rung installation
200	1164	12	1649	17	PTBSC...200	8	20	SGKM6x12 (bottom installation in the outer holes of the rung)	NSZ6x10
300			1746	18	PTBSC...300	8	20		
400			1843	19	PTBSC...400	7	18		
500			1940	20	PTBSC...500	8	20		
600			2037	21	PTBSC...600	8	20		

Example order of components for assembling a tee with a width of 400 mm, height H100, thickness 2 mm for version "S" – Sendzimir galvanized steel, "F" – hot-dip galvanized steel, "E" – stainless steel:

- 1S. BMDSC3000H100 x 2 pcs.
- 2S. PTBSC400 x 1 pcs.
- 3S. SDD600 x 1 pcs.
- 4S. SDD400 x 6 pcs.
- 5S. SGKM6x12 x 18 pcs. lub NSZ6x10 x 18 pcs.

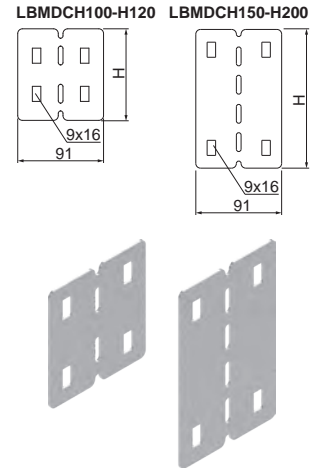
- 1F. BMDSC3000H100F x 2 pcs.
- 2F. PTBSC400F x 1 pcs.
- 3F. SDD600F x 1 pcs.
- 4F. SDD400F x 6 pcs.
- 5F. SGKFM6x12 x 18 pcs.

- 1E. BMDSC3000H100E x 2 pcs.
- 2E. PTBSC400E x 1 pcs.
- 3E. SDD600E x 1 pcs.
- 4E. SDD400E x 6 pcs.
- 5E. SGKM6x12E x 18 pcs.



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Modular side connector	LBMDC...	mat.: S	opcja: F, E, L		
symbol	catalogue number	dimension H [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 2.0 mm					
LBMDCH100	431702	97	0,10	10	
LBMDCH110	431703	107	0,11	10	
LBMDCH120	431704	117	0,12	10	
LBMDCH150	431705	147	0,15	10	
LBMDCH160	431706	157	0,16	10	
LBMDCH200	431707	197	0,20	10	

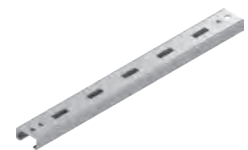
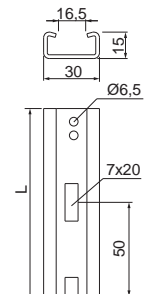


Use:
Connecting sections of modular sides.

Additional information:

- use SGK8x16 bolts and PW8 washers for mounting

Rung	SDD...	mat.: S	option: F, E, L		
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.2 mm					
SDD100	404161	95	0.05	50	
SDD200	404162	195	0.11	50	
SDD300	404163	295	0.16	50	
SDD400	404164	395	0.22	50	
SDD500	404165	495	0.27	30	
SDD600	404166	595	0.32	30	
SDD700	404167	695	0.35	30	
SDD800	404168	795	0.44	30	



Use:
For self-assembly of ladders.
For self-assembly of fittings.

Additional information:

- rungs suitable for mounting UK/UKO... and UKP... cable clamps



Branching connector

LPUC...

mat.: S

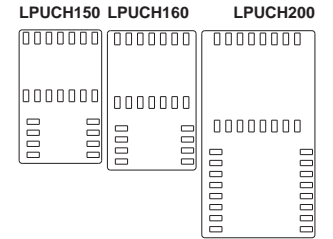
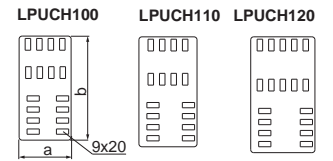
option: FP, E, L

symbol	catalogue number	dimension a [mm]	dimension b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
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Material thickness = 2.0 mm

LPUCH100	405834	85	177	0.19	2
LPUCH110	405835	95	187	0.23	2
LPUCH120	405836	105	197	0.27	2
LPUCH150	405837	135	227	0.42	2
LPUCH160	405838	145	237	0.48	2
LPUCH200	405839	185	352	1.40	2

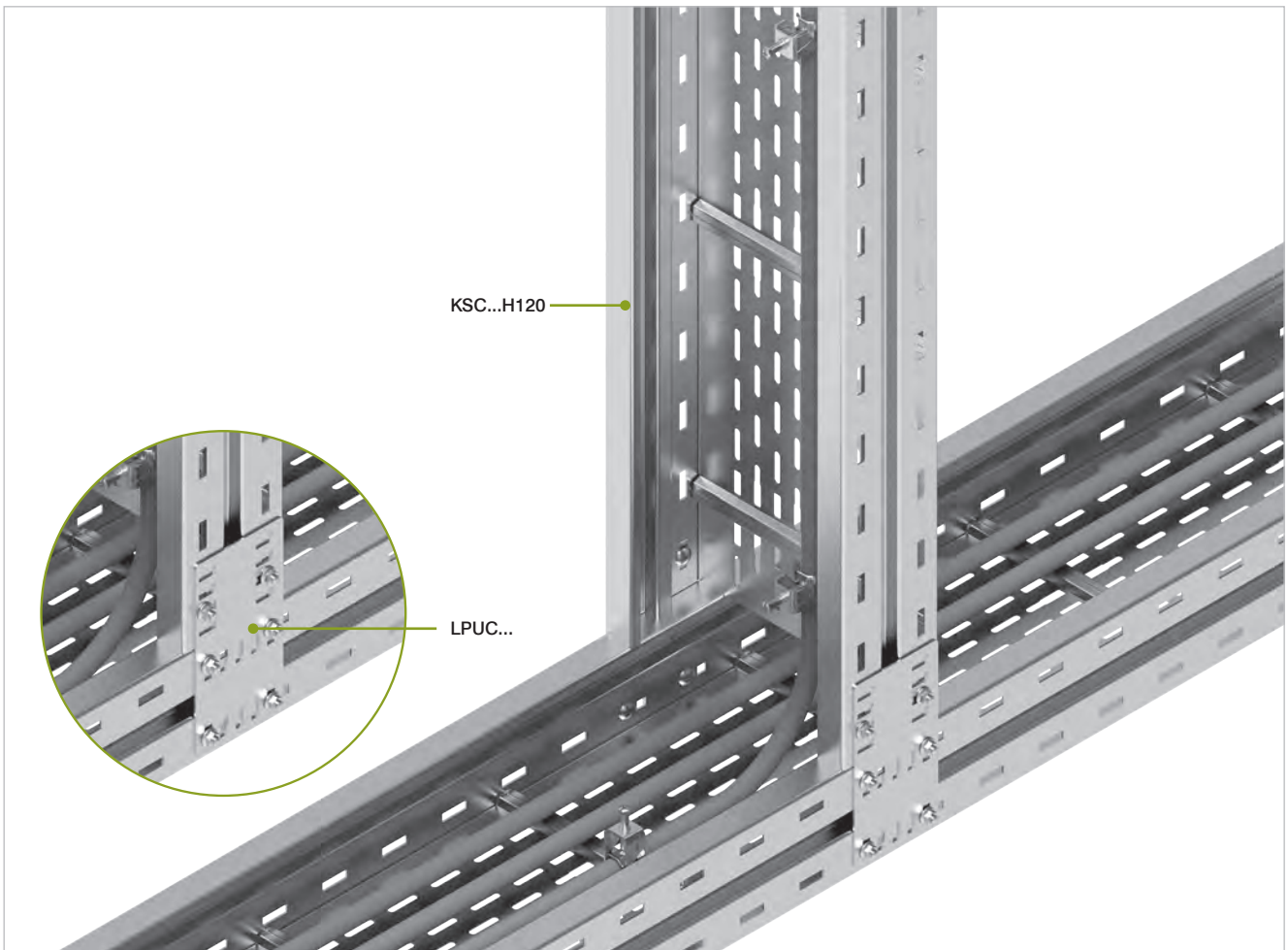
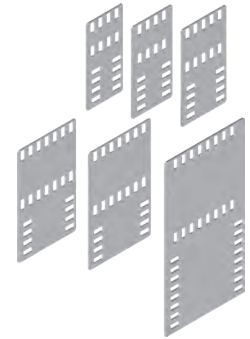


Use:

Branching at any point of a horizontal cable route, upwards or downwards.

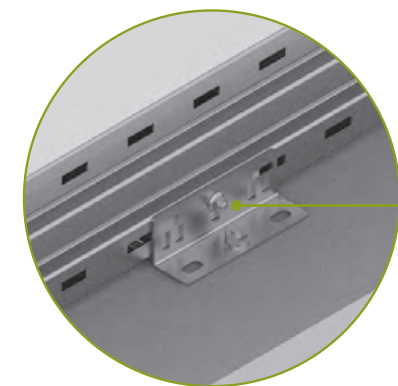
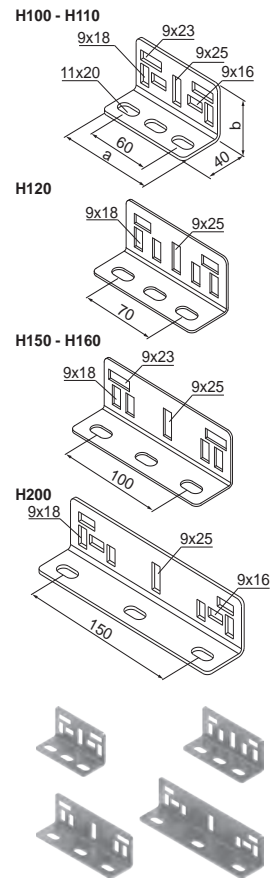
Additional information:

- SGK8x16 or SGM8x16 bolts are required for assembly

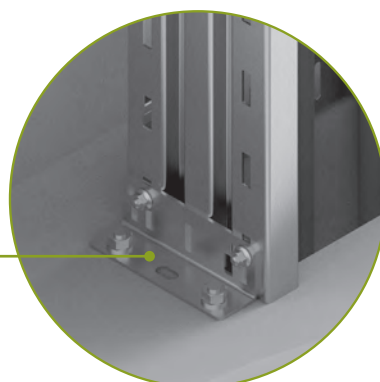
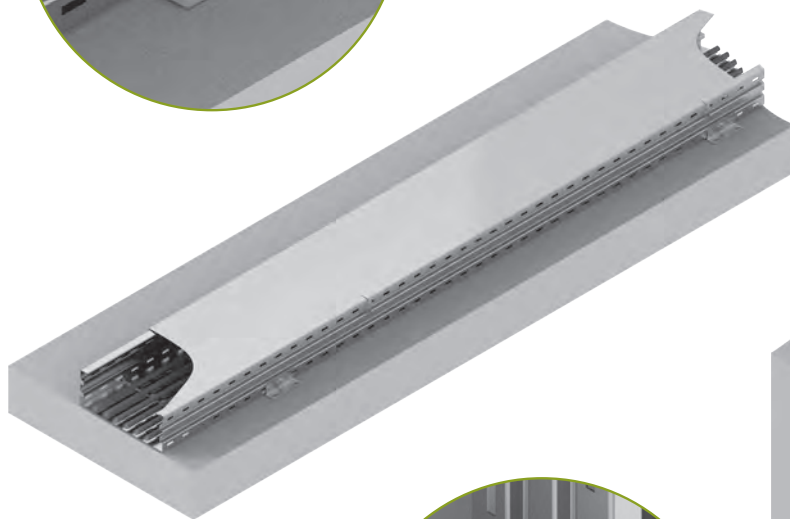


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

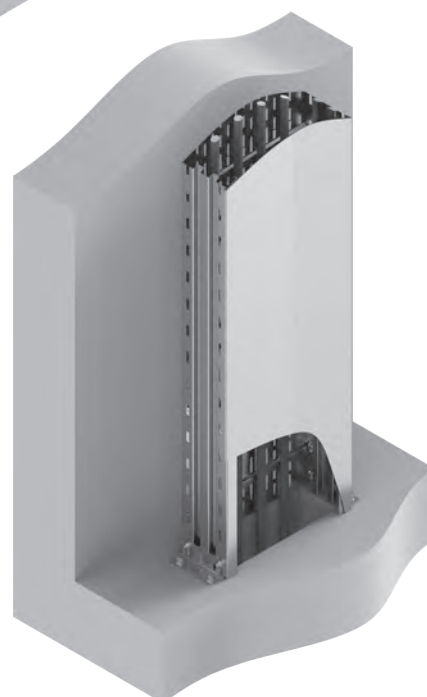
Base plate	STMD...	mat.: S	option: FP, E, L		
symbol	catalogue number	dimension a/b [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 3.0 mm					
STMDTH100	104999	90/49	0.15	2	
STMDTH120	104500	110/49	0.18	2	
STMDTH150	104511	140/49	0.24	2	
STMDTH200	104512	190/49	0.34	2	



STMD...



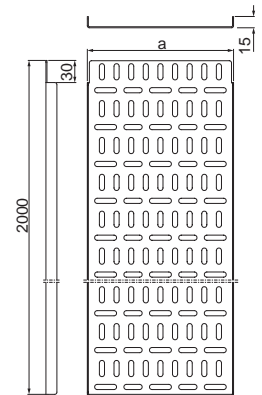
STMD...





Ship cable tray **KMSPJ...H15/2** mat.: F option: E, MC, SLG

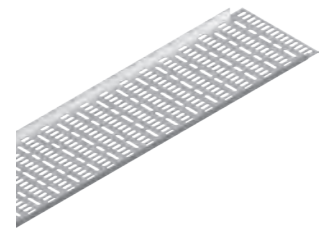
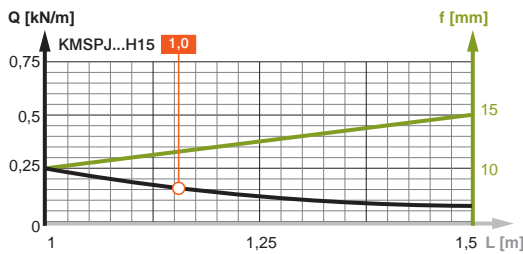
symbol	catalogue number	dimension a [mm]	weight 1 m [kg]	quantity per package [pcs./m]
Material thickness = 1.0 mm				
KMSPJ75H15/2	815170	75	0.84	2/4
KMSPJ100H15/2	815171	100	1.03	2/4
KMSPJ125H15/2	815172	125	1.22	2/4
KMSPJ150H15/2	815173	150	1.42	2/4
KMSPJ200H15/2	815174	200	1.82	2/4
KMSPJ250H15/2	815175	250	2.21	2/4
KMSPJ300H15/2	815176	300	2.61	2/4



Use:
Cable management on ships, platforms and other marine facilities.

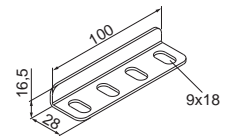
Additional information:

- to connect the trays, use SGKFM6x12 bolts



Connector **LPKMH15** mat.: F option: E, MC

symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	min. order [pcs.]
Material thickness = 2.5 mm				
LPKMH15	435649	0.05	10	2

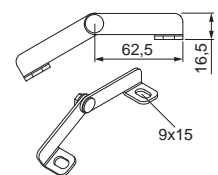


Use:
Connecting cut sections of cable trays.



Articulated connector **LGKMH15** mat.: F option: E, MC

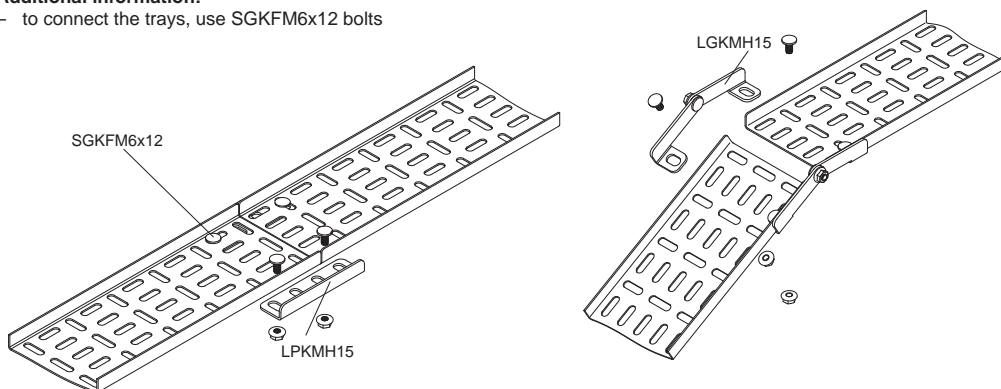
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	min. order [pcs.]
Material thickness = 2.5 mm				
LGKMH15	435660	0.07	10	2



Use:
Connecting and changing the direction of route.

Additional information:

- to connect the trays, use SGKFM6x12 bolts



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



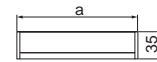
Ship Cable Ladder

DOZ...H35/3

mat.: F

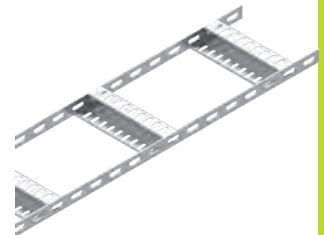
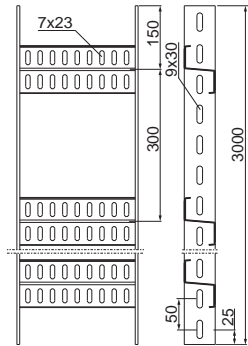
option: E, SLG

symbol catalogue number dimension a [mm] weight 1 m [kg] quantity per package [pcs./m]



Material thickness = 3.0 mm

DOZ100H35/3	420000	100	1.66	1/3
DOZ150H35/3	420001	150	1.86	1/3
DOZ200H35/3	420002	200	2.35	1/3
DOZ250H35/3	420003	250	2.59	1/3
DOZ300H35/3	420004	300	2.82	1/3
DOZ350H35/3	420006	350	3.06	1/3
DOZ400H35/3	420007	400	3.29	1/3
DOZ500H35/3	420008	500	3.76	1/3
DOZ600H35/3	420009	600	4.23	1/3
DOZ700H35/3	420010	700	4.70	1/3
DOZ800H35/3	420011	800	5.17	1/3
DOZ900H35/3	420012	900	5.65	1/3
DOZ1000H35/3	420013	1000	6.12	1/3

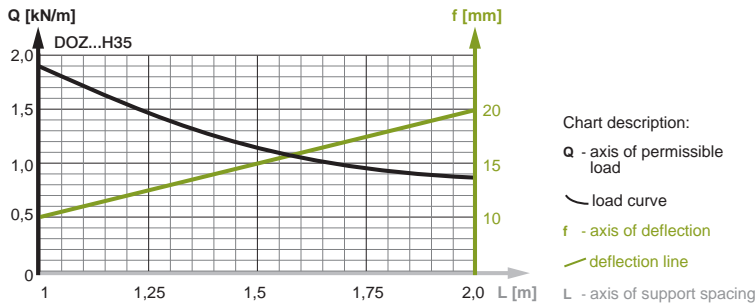


Use:

Cable management on ships, platforms and other marine facilities.

Additional information:

- rung thickness 1.5 mm
- use LDOWH40 connectors and SGKFM8x16 bolts to connect the ladders
- for angled connection use LVKW...H40 connectors and SGKFM8x16 bolts
- on request it is possible to make ladders of 2 m in length



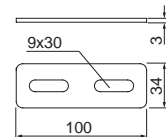
Connector

LDOWH40

mat.: FP

option: E

symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 3.0 mm

LDOWH40	428011	0.07	100
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Use:

Connecting ladders.



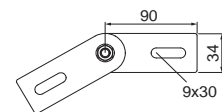
Articulated connector

LGMTH35

mat.: FP

option: E

symbol catalogue number weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 3.0 mm

LGMTH35	428012	0.15	10
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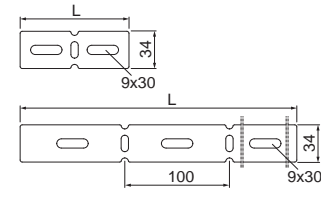
Use:

Connecting ladders at an angle.





Angle Connector		LKMTH35...	mat.: FP	option: E	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 3.0 mm					
LKMTH35/01	429064	104	0.07	30	
LKMTH35/03	429065	300	0.22	10	
LKMTH35/3	429066	3000	2.19	1	

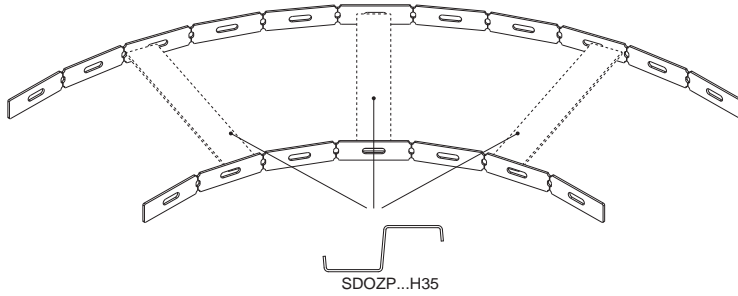


Use:

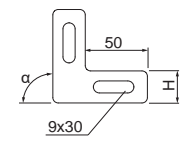
Connecting and changing the direction of route.

Additional information:

- possibility to break out and bend any section



Angle Connector - vertical		LVKW...H40	mat.: FP	option: E	
symbol	catalogue number	dimension H [mm]	angle α [°]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 3.0 mm					
LVKW15H40	429006	34	15	0.07	100
LVKW30H40	429007	34	30	0.07	100
LVKW45H40	429008	34	45	0.07	100
LVKW60H40	429009	34	60	0.07	100
LVKW90H40	429010	34	90	0.07	100



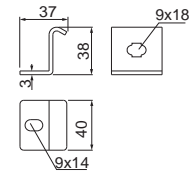
Use:

Connecting ladders at an angle.

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

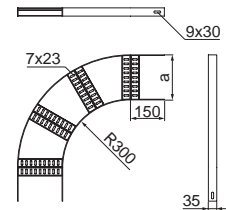


Fixing Clamp	LMDOZH35	mat.: FP	option: E	
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 3.0 mm				
LMDOZH35	414304	0.08	100	



Use:
Mounting ladders to structures.

Horizontal Bend	LDOZ...H35	mat.: F	option: E, SLG	
symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 3.0 mm				
LDOZ100H35	420014	100	2.20	1
LDOZ150H35	420015	150	2.54	1
LDOZ200H35	420016	200	2.89	1
LDOZ250H35	420017	250	3.24	1
LDOZ300H35	420018	300	3.58	1
LDOZ350H35	420019	350	3.93	1
LDOZ400H35	420020	400	4.26	1
LDOZ500H35	420022	500	5.63	1
LDOZ600H35	420023	600	6.45	1
LDOZ700H35	420024	700	7.27	1
LDOZ800H35	420025	800	8.09	1
LDOZ900H35	420026	900	8.92	1
LDOZ1000H35	420027	1000	9.73	1



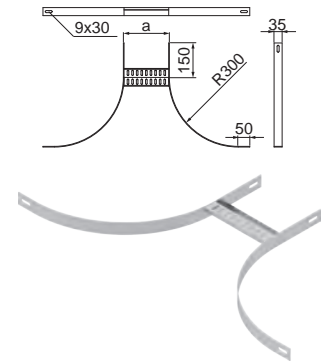
Use:
Changing the direction of the cable route.

Additional information:

- use LDOUH40 connectors and SGKFM8x16 bolts for mounting

Add-on Tee **TDDOZ...H35** mat.: F option: E, SLG

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 3.0 mm

TDDOZ100H35	436709	100	1.12	1
TDDOZ150H35	436710	150	1.18	1
TDDOZ200H35	436711	200	1.24	1
TDDOZ250H35	436712	250	1.30	1
TDDOZ300H35	436713	300	1.35	1
TDDOZ350H35	436715	350	1.41	1
TDDOZ400H35	436716	400	1.47	1
TDDOZ500H35	436717	500	1.58	1
TDDOZ600H35	436718	600	1.70	1
TDDOZ700H35	436819	700	7.68	1
TDDOZ800H35	436720	800	1.93	1
TDDOZ900H35	436721	900	7.68	1
TDDOZ1000H35	414211	1000	2.17	1

Use:

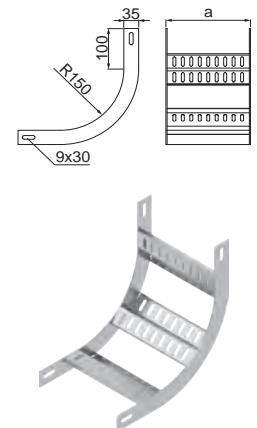
Cable route branching.

Additional information:

- use SGKFM8x16 bolts for mounting

Vertical Bend **LPDOZ...H35** mat.: F option: E, SLG

symbol catalogue number dimension a [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 3.0 mm

LPDOZ100H35	436810	100	1.02	1
LPDOZ150H35	436811	150	1.20	1
LPDOZ200H35	436812	200	1.37	1
LPDOZ250H35	436813	250	1.55	1
LPDOZ300H35	436814	300	1.71	1
LPDOZ350H35	436815	350	1.89	1
LPDOZ400H35	436816	400	2.07	1
LPDOZ500H35	436817	500	2.41	1
LPDOZ600H35	436818	600	2.76	1
LPDOZ700H35	436820	700	3.10	1
LPDOZ800H35	436821	800	3.46	1
LPDOZ900H35	436822	900	3.80	1
LPDOZ1000H35	436823	1000	4.15	1

Use:

Changing the direction of the cable route.

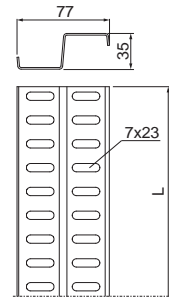
Additional information:

- use LDOUH40 connectors and SGKFM8x16 bolts for mounting

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/



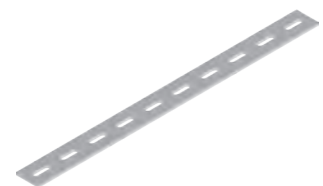
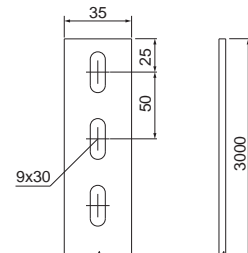
Rung	SDOZP...H35	mat.: F	option: E, SLG		
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs.]	
Material thickness = 1.5 mm					
SDOZP100H35	436958	90	0.11	50	
SDOZP150H35	436959	140	0.17	50	
SDOZP200H35	436960	190	0.23	50	
SDOZP250H35	436961	240	0.29	50	
SDOZP300H35	436962	290	0.34	50	
SDOZP350H35	436963	340	0.40	50	
SDOZP400H35	436964	390	0.46	30	
SDOZP500H35	436965	490	0.57	30	
SDOZP600H35	436966	590	0.68	30	
SDOZP700H35	436967	690	0.80	30	
SDOZP800H35	436968	790	0.91	30	
SDOZP900H35	436969	890	1.03	30	
SDOZP1000H35	436970	990	1.14	30	



Use:
For self-mounting ladders complete with ladder sides.

Additional information:
– high strength parameters

Ladder Side	BDTH35/3	mat.: F	option: E, SLG		
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs./m]		
Material thickness = 3.0 mm					
BDTH35/3	436955	2.56	2/4		

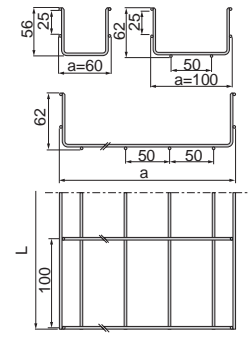


Use:
For self-assembly of ladders.



Wire Mesh Cable Tray **KDS/KDSO...H60F** mat.: F option: L

symbol	catalogue number	dimension L/a [mm]	quantity per package [m]	weight 1 m [kg]
KDS/KDSO60H60/3F	970506	3000/60	24	0.51
KDS/KDSO100H60/3F	970510	3000/100	24	0.73
KDS/KDSO150H60/3F	970515	3000/150	24	0.78
KDS/KDSO200H60/3F	970520	3000/200	12	1.00
KDS/KDSO300H60/3F	970530	3000/300	12	1.76
KDS/KDSO400H60/3F	970540	3000/400	6	2.14
KDS/KDSO500H60/3F	970550	3000/500	6	3.09
KDS/KDSO600H60/3F	970560	3000/600	6	3.56

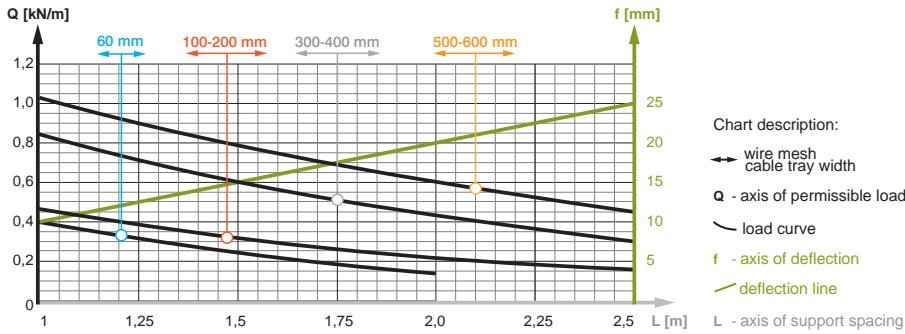
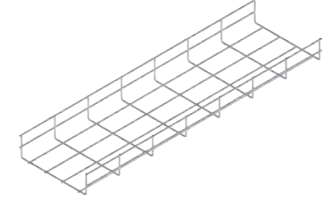


Use:

Cable management

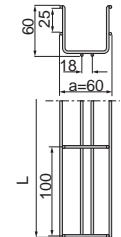
Additional information:

- all wires in mesh trays are chamfered which prevents damage to cables
- the galvanising process is the very last, after welding and bending, which guarantees the highest quality anti-corrosion coating



Reinforced Wire Mesh Cable Tray **KWDS60H60F** mat.: F

symbol	catalogue number	dimension a/L [mm]	weight 1 m [kg]	quantity per package [m]
KWDS60H60/3F	9301063	60/3000	0.69	24

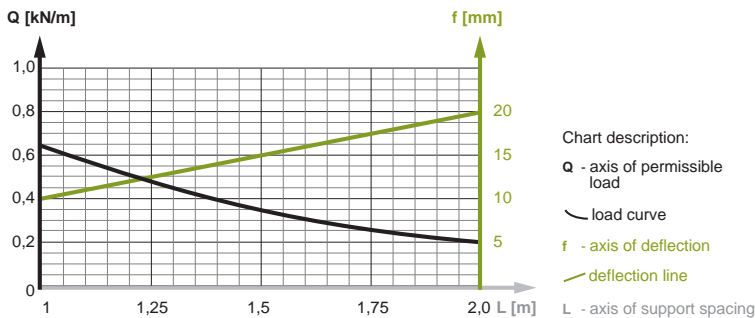
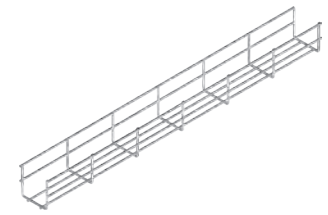


Use:

Cable management

Additional information:

- tray reinforced with wires in the bottom which allows direct mounting on the wall bracket
- all wires in mesh trays are chamfered which prevents damage to cables

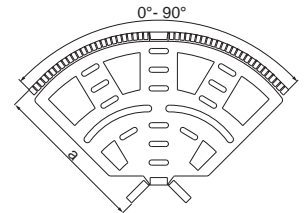
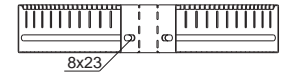


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Adjustable Bend 90°

KKRPS...H60F

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.0 mm				
KKRPSJ100H60F	9404613	104	0.32	1
KKRPSJ200H60F	9404623	204	0.58	1
KKRPSJ300H60F	9404633	304	0.77	1
Material thickness = 1.2 mm				
KKRPSD400H60F	9404643	404	1.24	1
KKRPSD500H60F	9404653	504	1.72	1
KKRPSD600H60F	9404663	604	2.23	1

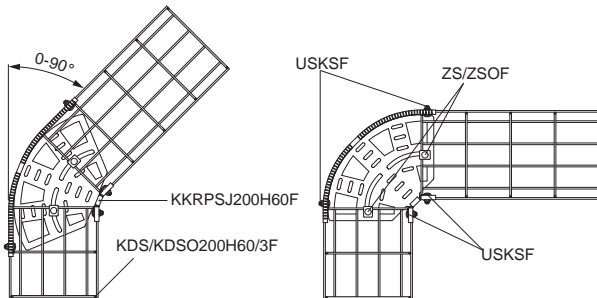


Use:

Infinitely adjustable cable routing angle of 0-90°.

Additional information:

- mounting mesh trays inside the fitting with USKSF and ZS/ZSOF



Integrated connector (set)

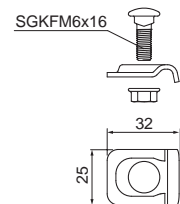
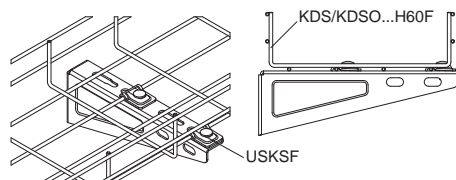
USKSF

mat.: F

symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
USKSF	9018503	0.10	50

Use:

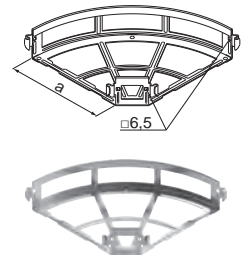
Mounting mesh trays to wall brackets and channels. Connecting mesh trays with KKRPS...H60F adjustable elbows.



Horizontal Bend 90°

KKSZ...H60F mat.: F

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
KKSZ60H60F	9821063	60	0.60	1
KKSZ100H60F	9821103	100	0.90	1
KKSZ150H60F	9821153	150	1.30	1
KKSZ200H60F	9821203	200	1.60	1
KKSZ300H60F	9821303	300	2.40	1
KKSZ400H60F	9721413	400	3.47	1
KKSZ500H60F	9821503	500	4.70	1
KKSZ600H60F	9821603	600	6.10	1

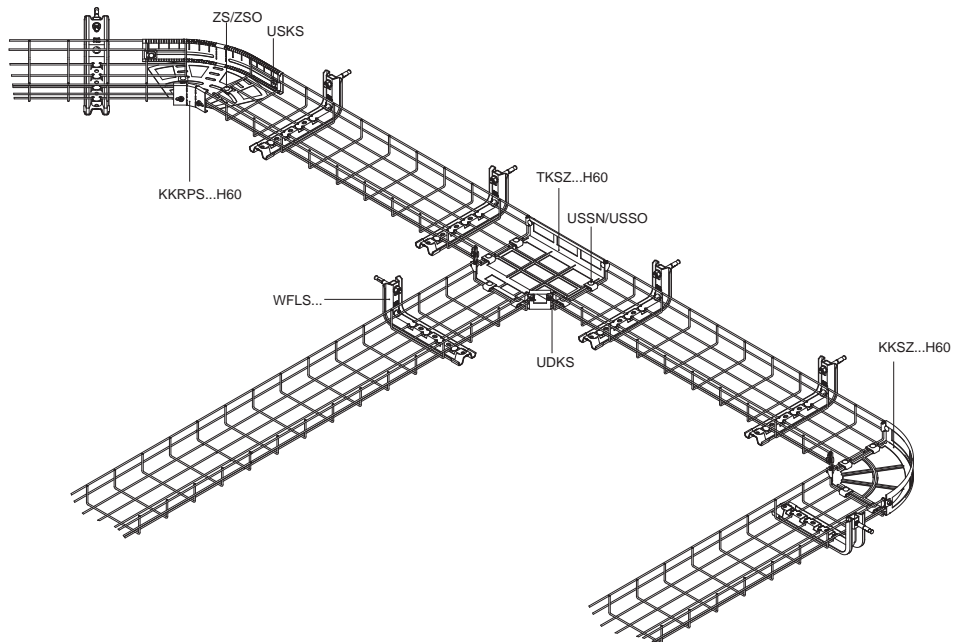


Use:

Changing the direction of the cable route.

Additional information:

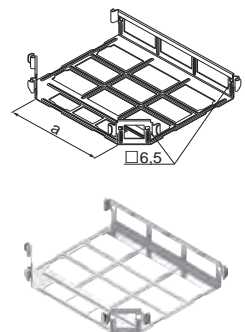
- the use of a snap-in connector in fittings significantly speeds up the initial mounting cable route
- for widths of more than 200 mm, for the connection of the fitting to the mesh tray, use UDKSF (side reinforcement of the snap connection) USSN/USSOF (connection of the bottom of the fitting to the tray)



Horizontal Tee

TKSZ...H60F mat.: F

symbol	catalogue number	dimension a [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm				
TKSZ60H60F	9811063	60	0.70	1
TKSZ100H60F	9811103	100	1.20	1
TKSZ150H60F	9811153	150	1.80	1
TKSZ200H60F	9811203	200	2.00	1
TKSZ300H60F	9811303	300	3.20	1
TKSZ400H60F	9811403	400	4.50	1
TKSZ500H60F	9811503	500	6.10	1
TKSZ600H60F	9811603	600	7.96	1



Use:

Cable route branching.

Additional information:

- the use of a snap-in connector in fittings significantly speeds up the initial mounting cable route
- for widths of more than 200 mm, for the connection of the fitting to the mesh tray, use UDKSF (side reinforcement of the snap connection) USSN/USSOF (connection of the bottom of the fitting to the tray)

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Roof foot with sleeve

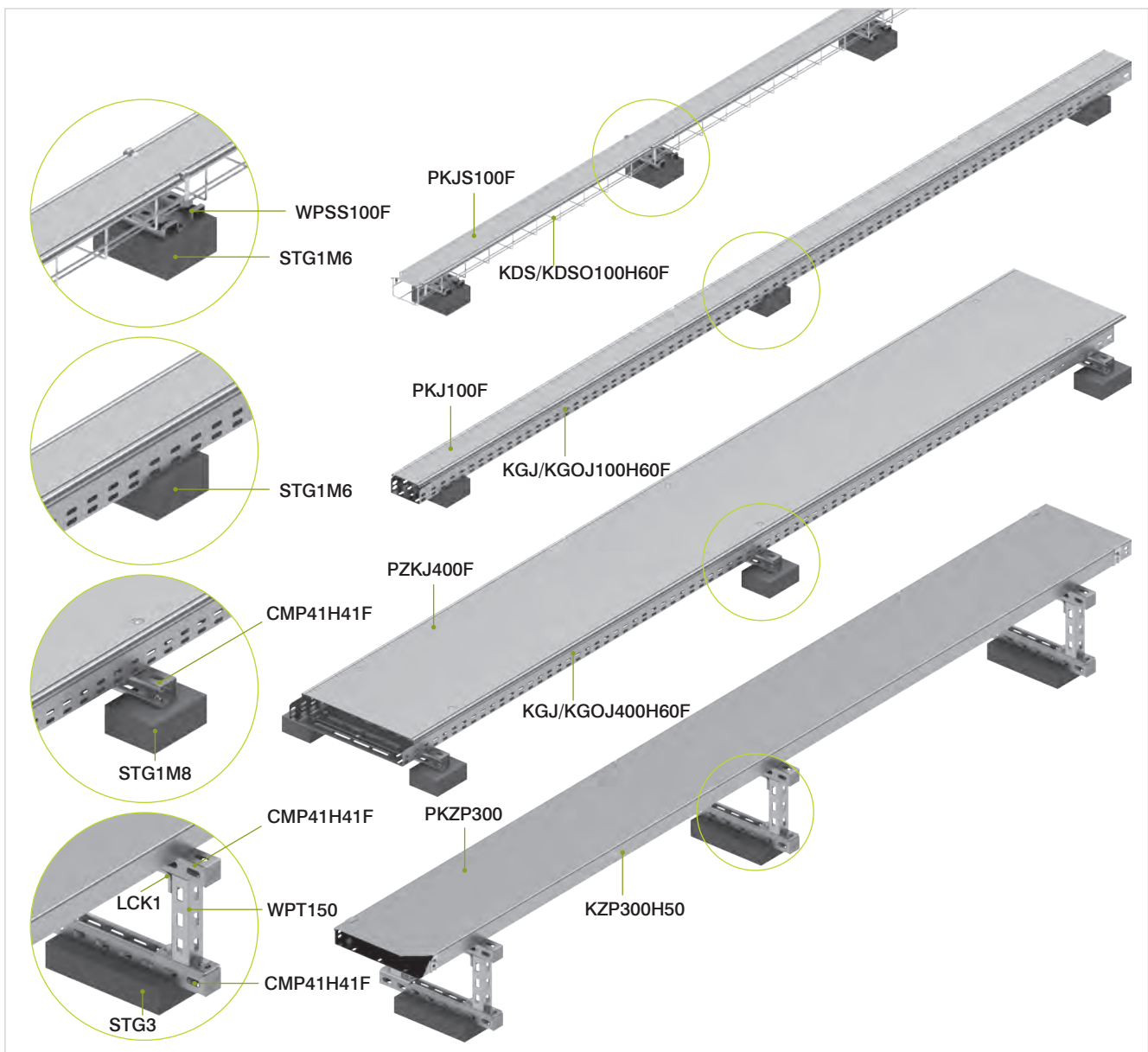
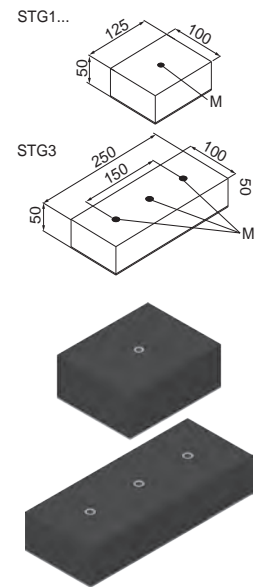
STG...

mat.: WG

symbol	catalogue number	dimension M	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]	N
STG1M6	899106	M6x12	1.00	0.60	1	
STG1M8	899107	M8x12	1.00	0.60	1	
STG3	899108	M8x12	6.00	1.06	1	

Additional information:

- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- foot made of anti-slip material resistant to UV and chemicals
- support factory-glued with an insulating layer



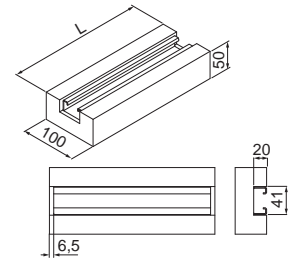


Roof foot with steel rail

STGS...

mat.:
WGMC

symbol	catalogue number	internal dim. L [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
STGS250MC	899103	250	6.00	1.06	1
STGS400MC	899104	400	6.00	2.20	1
STGS600MC	899105	400	6.00	3.40	1

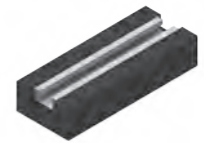
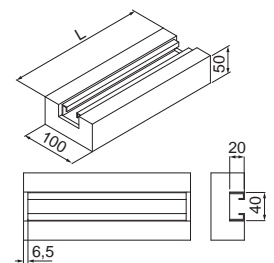


Roof foot with aluminum rail

STGA...

mat.: WGA

symbol	catalogue number	internal dim. L [mm]	load max. F_{max} [kN]	weight 1 pc. [kg]	quantity per package [pcs.]
STGA250	899100	250	6.00	1.06	1
STGA400	899101	400	6.00	2.20	1
STGA600	899102	600	6.00	3.40	1

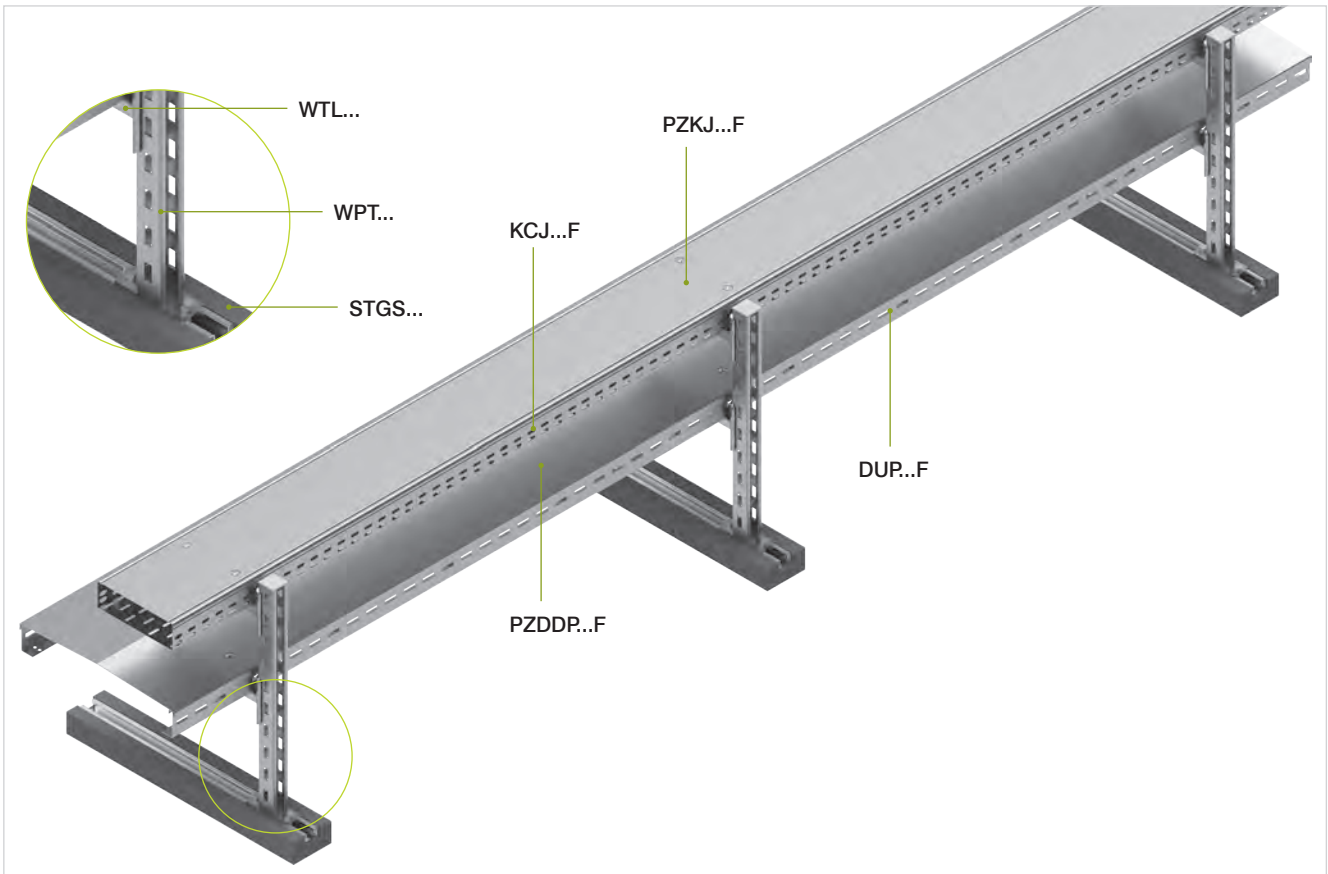


Use:

Support system for setting up cable routes, air-conditioning equipment, etc. on roofs. It is also used in the construction of roof walkways.

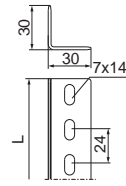
Additional information:

- mounting of load-bearing structures on roofs covered with roofing felt, without interfering with the protective coating of the roof
- foot made of anti-slip material resistant to UV and chemicals
- support factory-glued with an insulating layer
- mounting bases to the roof feet using SRM8x25F, SRM10x20F or SRM10x25F channel nut bolt



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Angle Profile	KTD30H30...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.2 mm				
KTD30H30/2	620123	2000	0.92	10/20
KTD30H30/3	620124	3000	2.07	10/30

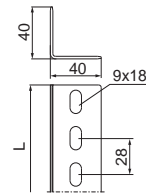


Angle Profile	KTP30H30...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.5 mm				
KTP30H30/2	620125	2000	1.15	10/20
KTP30H30/3	620126	3000	1.72	10/30

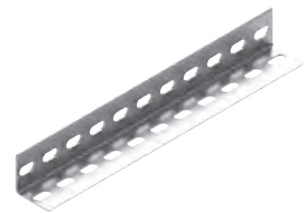


Angle Profile	KTC30H30...N	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 2.0 mm				
KTC30H30/2N	620127	2000	1.46	10/20
KTC30H30/3N	620128	3000	2.19	10/30

Angle Profile	KTD40H40...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.2 mm				
KTD40H40/2	620129	2000	1.22	10/20
KTD40H40/3	620134	3000	2.75	10/30



Angle Profile	KTP40H40...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.5 mm				
KTP40H40/2	620136	2000	1.53	10/20
KTP40H40/3	620139	3000	3.44	10/30



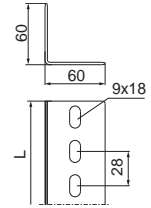
Angle Profile	KTC40H40...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 2.0 mm				
KTC40H40/2	620141	2000	2.03	10/20
KTC40H40/3	620142	3000	4.58	10/30

Angle Profile	KTT40H40...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.2 mm				
KTT40H40/2	620185	2000	3.06	10/20
KTT40H40/3	620186	3000	6.88	10/30

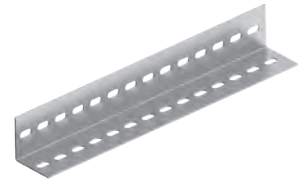
Use:
Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures



Angle Profile	KTC60H60...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 2.0 mm				
KTC60H60/2	620195	2000	3.35	10/20
KTC60H60/3	620196	3000	5.03	10/30

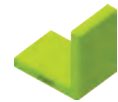


Angle Profile	KTT60H60...	mat.: S	option: F, E, L	
symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 3.0 mm				
KTT60H60/2	620200	2000	5.04	10/20
KTT60H60/3	620223	3000	7.56	10/30



Use:
Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

Protective cap	NOK...	mat.: PE	
symbol	catalogue number	quantity per package [pcs.]	
NOK30x30	670602	100	
NOK40x40	670603	100	
NOK50x50	670601	100	
NOK60x60	670605	100	



Use:
Installer protection from sharp edges during installation or use of cable/support structures, racks, etc.

Additional information:
– visual aspect improvement

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

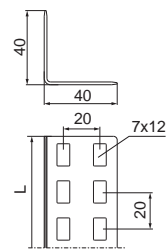
Angle Profile

KTRD40H40...

mat.: S

option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
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Material thickness = 1.2 mm

KTRD40H40/04	620151	400	0.28	10/4
KTRD40H40/05	620152	500	0.35	10/5
KTRD40H40/1	620153	1000	0.70	10/10
KTRD40H40/2	620154	2000	1.40	10/20
KTRD40H40/3	620155	3000	2.10	10/30

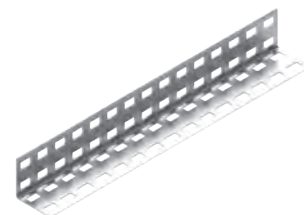
Angle Profile

KTRP40H40...

mat.: S

option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
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Material thickness = 1.5 mm

KTRP40H40/04	620156	400	0.35	10/4
KTRP40H40/05	620157	500	0.44	10/5
KTRP40H40/1	620158	1000	0.88	10/10
KTRP40H40/2	620159	2000	2.80	10/20
KTRP40H40/3	620161	3000	2.63	10/30

Angle Profile

KTRC40H40...

mat.: S

option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
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Material thickness = 2.0 mm

KTRC40H40/04	620162	400	0.46	10/4
KTRC40H40/05	620163	500	0.59	10/5
KTRC40H40/1	620164	1000	1.17	10/10
KTRC40H40/2	620165	2000	3.73	10/20
KTRC40H40/3	620166	3000	3.51	10/30

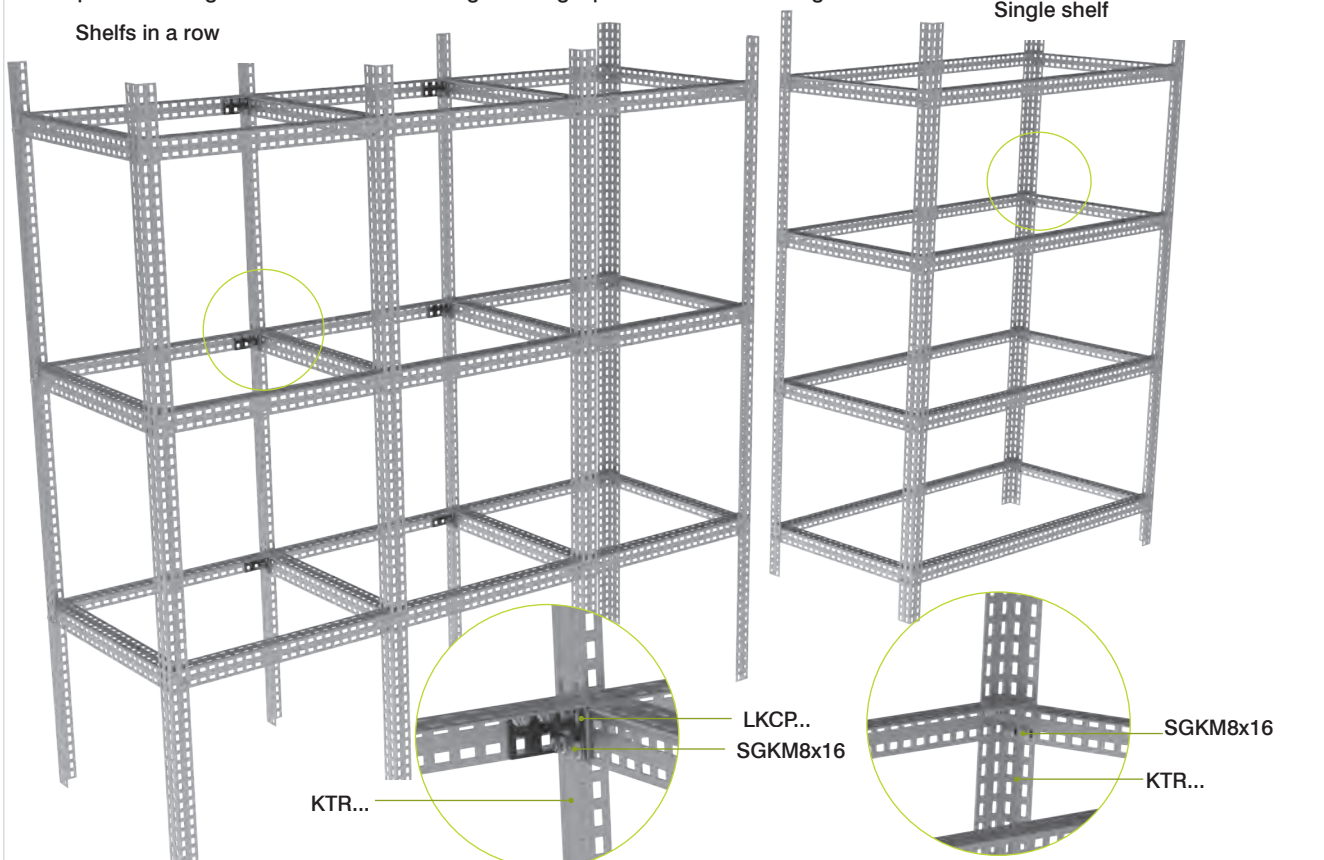
Use:

Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

Additional information:

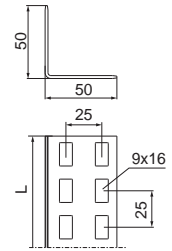
- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTR...40H40 angles using SGKM6x12 bolts

Example of creating racks and rack lines using KTR angle profile ... and LKCP angle connectors...



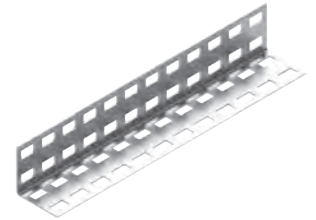
Angle Profile KTRD50H50... mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.2 mm				
KTRD50H50/04	620167	400	0.34	10/4
KTRD50H50/05	620168	500	0.42	10/5
KTRD50H50/1	620169	1000	0.84	10/10
KTRD50H50/2	620170	2000	1.68	10/20
KTRD50H50/3	620171	3000	2.52	10/30



Angle Profile KTRP50H50... mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.5 mm				
KTRP50H50/04	620172	400	0.43	10/4
KTRP50H50/05	620173	500	0.53	10/5
KTRP50H50/1	620174	1000	1.05	10/10
KTRP50H50/2	620175	2000	2.10	10/20
KTRP50H50/3	620176	3000	3.15	10/30



Angle Profile KTRC50H50... mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 2.0 mm				
KTRC50H50/04	620177	400	0.57	10/4
KTRC50H50/05	620178	500	0.71	10/5
KTRC50H50/1	620179	1000	1.40	10/10
KTRC50H50/2	620180	2000	2.80	10/20
KTRC50H50/3	620181	3000	4.20	10/30

Use:

Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

Additional information:

- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTR...50H50 angles using SGKM8x16 bolts

Angle profile connector LKCP40 mat.: S option: F, E, L

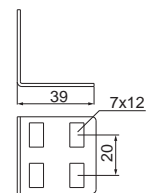
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 1.5 mm			
LKCP40	620352	0.02	20

Use:

For creating racking lines using KTR...40H40 angle brackets.

Additional information:

- connection of KTR...40H40 angles using SGKM6x12 bolts



Angle profile connector LKCC50 mat.: S option: F, E, L

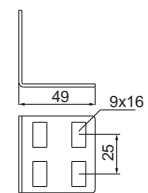
symbol	catalogue number	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm			
LKCC50	620353	0.05	20

Use:

For creating racking lines using KTR...50H50 angle brackets.

Additional information:

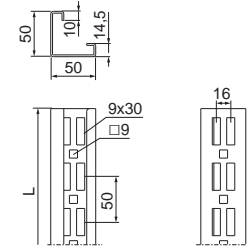
- connection of KTR...50H50 angles using SGKM8x16 bolts



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Reinforced angle profile **KTMP50H50...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 1.5 mm					
KTMP50H50/05	620240	500	0.53	10/5	
KTMP50H50/1	620241	1000	1.05	10/10	
KTMP50H50/2	620242	2000	2.10	10/20	
KTMP50H50/3	620243	3000	3.15	10/30	



Reinforced angle profile **KTMC50H50...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 2.0 mm					
KTMC50H50/05	620244	500	0.71	10/5	
KTMC50H50/1	620245	1000	1.40	10/10	
KTMC50H50/2	620246	2000	2.80	10/20	
KTMC50H50/3	620247	3000	4.20	10/30	

Reinforced angle profile **KTMT50H50...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 3.0 mm					
KTMT50H50/05	620270	500	1.10	10/5	
KTMT50H50/1	620271	1000	2.10	10/10	
KTMT50H50/2	620272	2000	4.20	10/20	
KTMT50H50/3	620273	3000	6.30	10/30	

Use:

Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

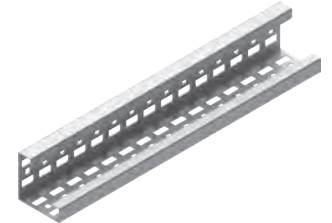
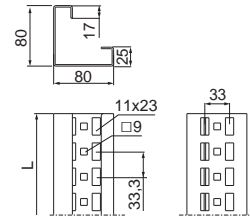
Additional information:

- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTR...50H50 angles using SGK M8x14 bolts



Reinforced angle profile **KTMP80H80...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 1.5 mm					
KTMP80H80/05	620274	500	0.85	10/5	
KTMP80H80/1	620275	1000	1.68	10/10	
KTMP80H80/2	620276	2000	3.36	10/20	
KTMP80H80/3	620277	3000	5.04	10/30	



Reinforced angle profile **KTMC80H80...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 2.0 mm					
KTMC80H80/05	620278	500	1.13	10/5	
KTMC80H80/1	620279	1000	2.24	10/10	
KTMC80H80/2	620280	2000	4.48	10/20	
KTMC80H80/3	620281	3000	7.20	10/30	

Reinforced angle profile **KTMT80H80...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 3.0 mm					
KTMT80H80/05	620282	500	1.70	10/5	
KTMT80H80/1	620283	1000	3.36	10/10	
KTMT80H80/2	620284	2000	6.72	10/20	
KTMT80H80/3	620285	3000	10.80	10/30	

Use:

Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

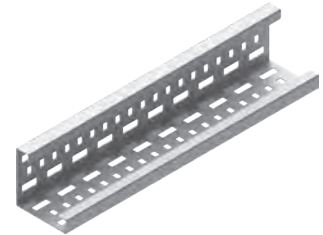
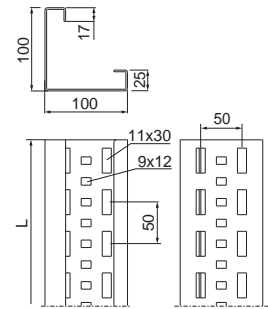
Additional information:

- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTM... angles using SGKM10x20 bolts

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Reinforced angle profile **KTMP100H100...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 1.5 mm					
KTMP100H100/05	620286	500	1.06	10/5	
KTMP100H100/1	620287	1000	2.10	10/10	
KTMP100H100/2	620288	2000	4.20	10/20	
KTMP100H100/3	620289	3000	6.30	10/30	



Reinforced angle profile **KTMC100H100...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 2.0 mm					
KTMC100H100/05	620290	500	1.41	10/5	
KTMC100H100/1	620291	1000	2.80	10/10	
KTMC100H100/2	620292	2000	5.60	10/20	
KTMC100H100/3	620293	3000	9.00	10/30	

Reinforced angle profile **KTMT100H100...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]	N
Material thickness = 3.0 mm					
KTMT100H100/05	620294	500	2.12	10/5	
KTMT100H100/1	620295	1000	4.20	10/10	
KTMT100H100/2	620296	2000	8.40	10/20	
KTMT100H100/3	620297	3000	13.50	10/30	

Use:

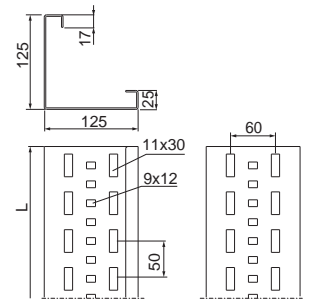
Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

Additional information:

- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTM... angles using SGKM10x20 bolts

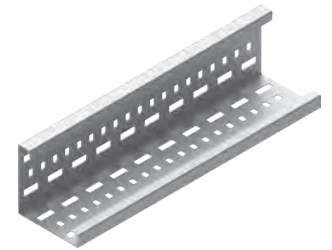
Reinforced angle profile **KTMP125H125...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 1.5 mm				
KTMP125H125/05	620340	500	1.32	10/5
KTMP125H125/1	620341	1000	2.62	10/10
KTMP125H125/2	620342	2000	5.25	10/20
KTMP125H125/3	620343	3000	7.87	10/30



Reinforced angle profile **KTMC125H125...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 2.0 mm				
KTMC125H125/05	620344	500	1.76	10/5
KTMC125H125/1	620345	1000	3.50	10/10
KTMC125H125/2	620346	2000	7.00	10/20
KTMC125H125/3	620347	3000	11.25	10/30



Reinforced angle profile **KTMT125H125...** mat.: S option: F, E, L

symbol	catalogue number	dimension L [mm]	weight 1 pc. [kg]	quantity per package [pcs./m]
Material thickness = 3.0 mm				
KTMT125H125/05	620348	500	2.65	10/5
KTMT125H125/1	620349	1000	5.25	10/10
KTMT125H125/2	620350	2000	10.50	10/20
KTMT125H125/3	620351	3000	16.87	10/30

Use:

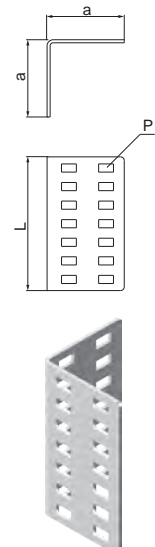
Support elements for the installation of electrical cabinets, racks, stands, frames, and support structures

Additional information:

- double-row, dense perforation
- enables the construction of cable support structures
- allows for the construction of support structures for mounting cables/cable holders in any orientation
- allows for the construction of workshop racks for material storage
- connection of KTM... angles using SGKM10x20 bolts

Angle profile connector **LKT...** mat.: S option: F, E, L

symbol	catalogue number	dimension a/L [mm]	dimension p [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
Material thickness = 2.0 mm					
LKTC50	620354	49/180	9x12	0.21	20
LKTC80	620355	79/197	11x20	0.35	20
LKTC100	620356	99/180	11x20	0.44	20
LKTC125	620357	124/180	11x20	0.55	20
Material thickness = 3.0 mm					
LKTT50	620358	49/180	9x12	0.30	20
LKTT80	620359	79/197	11x20	0.52	20
LKTT100	620192	99/180	11x20	0.65	20
LKTT125	620361	124/180	11x20	0.82	20
Material thickness = 4.0 mm					
LKTE100	620362	99/180	11x20	0.85	20
LKTE125	620363	124/180	11x20	1.09	20

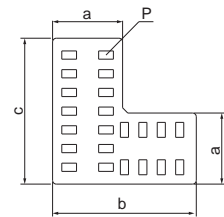


Use:

Butt connector, symmetrical, double-perforated angle profile for connecting reinforced angles

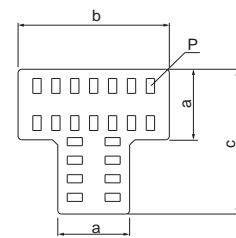
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

L-connector					
symbol	LL...	dimension a/b/c [mm]	dimension p [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
mat.: S option: F, E, L					
Material thickness = 2.0 mm					
LLC50	620364	46/133/137	9x12	0.14	20
LLC80	620365	74/170/179	11x20	0.25	20
LLC100	620366	94/192/192	11x20	0.36	20
LLC125	620367	119/190/217	11x20	0.48	20
Material thickness = 3.0 mm					
LLT50	620368	46/133/137	9x12	0.21	20
LLT80	620369	74/170/179	11x20	0.38	20
LLT100	620370	94/192/192	11x20	0.54	20
LLT125	620371	119/190/217	11x20	0.71	20
Material thickness = 4.0 mm					
LLE100	620372	94/192/192	11x20	0.73	20
LLE125	620373	119/190/217	11x20	0.95	20



Additional information:
 – for mounting, use 8 sets of SGKM... or SGM... bolts

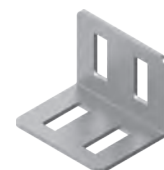
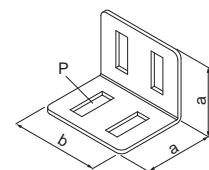
T-connector					
symbol	LT...	dimension a/b/c [mm]	dimension p [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
mat.: S option: F, E, L					
Material thickness = 2.0 mm					
LTC50	620374	44/130/137	9x12	0.25	20
LTC80	620375	74/170/179	11x20	0.40	20
LTC100	620376	94/190/192	11x20	0.55	20
LTC125	620377	119/190/217	11x20	0.69	20
Material thickness = 3.0 mm					
LTT50	620378	44/130/137	9x12	0.38	20
LTT80	620379	74/170/179	11x20	0.60	20
LTT100	620380	94/190/192	11x20	0.82	20
LTT125	620381	119/190/217	11x20	1.04	20
Material thickness = 4.0 mm					
LTE100	620382	94/190/192	11x20	1.10	20
LTE125	620383	119/190/217	11x20	1.39	20



Use:
 Construction assembly based on reinforced KTM... angles

Additional information:
 – for mounting, we offer 12 sets of SGKM... or SGM... bolts

Corner bracket					
symbol	WN...	dimension a/b [mm]	dimension p [mm]	weight 1 pc. [kg]	quantity per package [pcs.]
mat.: S option: F, E, L					
Material thickness = 2.0 mm					
WNC50	620500	62/44	9x36	0.06	20
WNC80	620501	56/72	11x30	0.10	20
Material thickness = 3.0 mm					
WNT80	620503	56/72	11x30	0.15	20
WNT100	620504	66/92	11x40	0.23	20
WNT125	620505	66/115	11x40	0.30	20
Material thickness = 4.0 mm					
WNE100	620506	66/92	11x40	0.31	20
WNE125	620507	66/115	11x40	0.40	20



Use:
 Structure reinforcement using KTM reinforced angle brackets...

Additional information:
 – for mounting, we offer 4 sets of SGKM... or SGM... bolts



Base Plate for angle profile **PKT...** mat.: F option: E, L

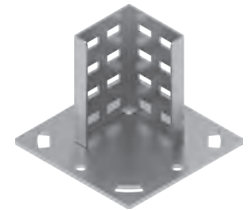
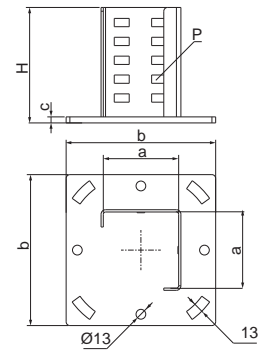
symbol catalogue number Internal dimension/dimension a/b/H [mm] dimension c [mm] dimension p [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 3.0 mm						
PKTT50	620388	52/150/151	6	9x12	1.35	1
PKTT80	620389	82/180/146	6	11x20	2.01	1
Material thickness = 4.0 mm						
PKTE100	620392	102/200/153	8	11x20	3.38	1
PKTE125	620393	127/225/153	8	11x20	4.28	1

Use:
Vertical construction assembly based on reinforced KTM... angles

Additional information:
- for mounting, use 8 sets of SGKM... or SGM... bolts



Plug **ZKT...** mat.: S option: F, E, L

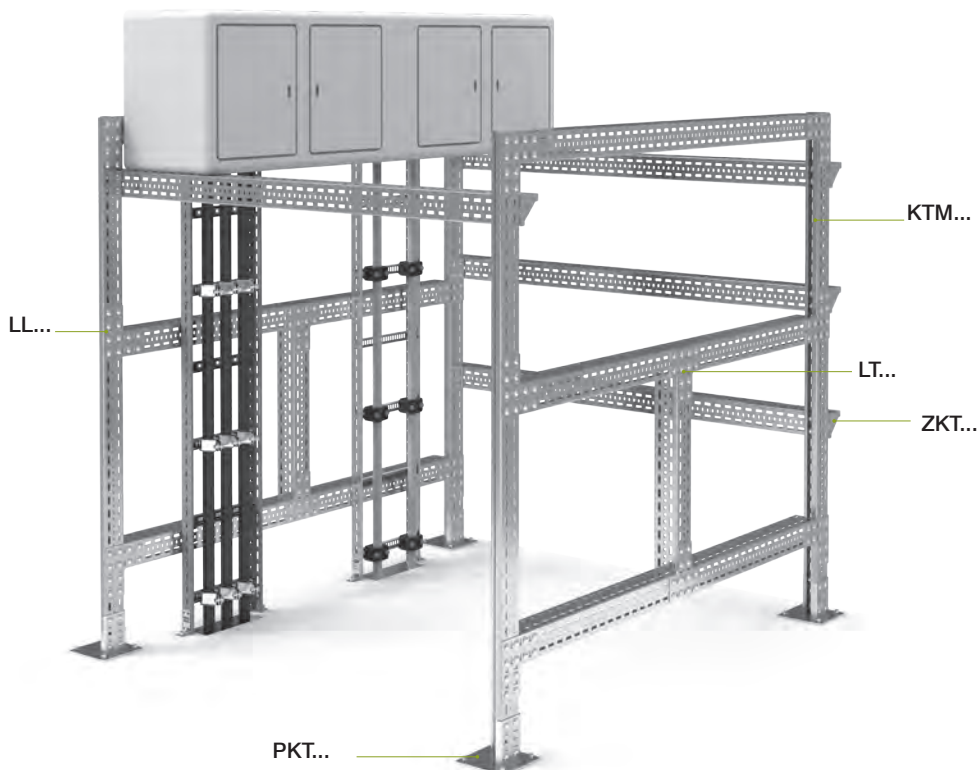
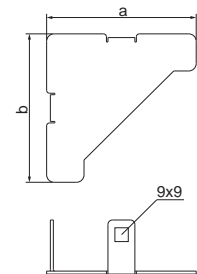
symbol catalogue number dimension a/b [mm] weight 1 pc. [kg] quantity per package [pcs.]



Material thickness = 2.0 mm				
ZKT50	620394	54/54	0.05	20
ZKT80	620395	84/84	0.08	20
ZKT100	620396	104/104	0.12	20
ZKT125	620397	129/129	0.17	20

Use:
Protective cap covering the ends of the KTM... profile

Additional information:
- SGKM8x16 or SGM8x16 bolts are required for assembly
- visual aspect improvement

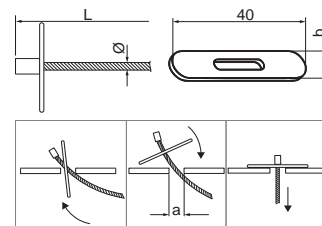


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Wire Rope with locking mechanism and universal clamp

LZZU...

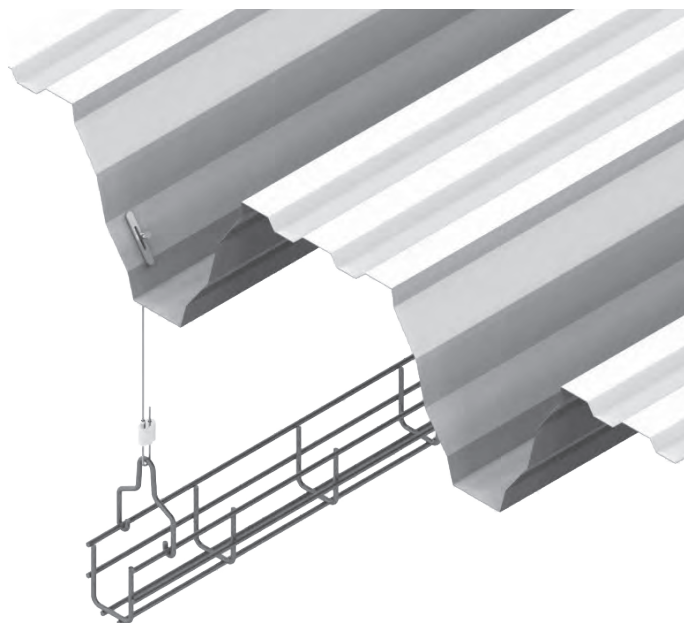
mat.: G



symbol	catalogue number	dimension b/Ø/L [mm]	dimension a [mm]	load max. F _{max} [kN]	quantity per package [set]
LZZU1/1	660021	5.7/1.5/1000	8	0.25	10
LZZU1/2	660022	5.7/1.5/2000	8	0.25	10
LZZU1/3	660023	5.7/1.5/3000	8	0.25	10
LZZU1/4	660024	5.7/1.5/4000	8	0.25	10
LZZU1/5	660025	5.7/1.5/5000	8	0.25	10
LZZU1/6	660026	5.7/1.5/6000	8	0.25	10
LZZU1/7	660027	5.7/1.5/7000	8	0.25	10
LZZU1/8	660028	5.7/1.5/8000	8	0.25	10
LZZU1/9	660029	5.7/1.5/9000	8	0.25	10
LZZU1/10	660030	5.7/1.5/10000	8	0.25	10
LZZU2/1	660031	6.35/2/1000	8	0.55	10
LZZU2/2	660032	6.35/2/2000	8	0.55	10
LZZU2/3	660033	6.35/2/3000	8	0.55	10
LZZU2/4	660034	6.35/2/4000	8	0.55	10
LZZU2/5	660035	6.35/2/5000	8	0.55	10
LZZU2/6	660036	6.35/2/6000	8	0.55	10
LZZU2/7	660037	6.35/2/7000	8	0.55	10
LZZU2/8	660038	6.35/2/8000	8	0.55	10
LZZU2/9	660039	6.35/2/9000	8	0.55	10
LZZU2/10	660040	6.35/2/10000	8	0.55	10
LZZU3/1	660140	6.35/3.2/1000	8	1.13	10
LZZU3/2	660141	6.35/3.2/2000	8	1.13	10
LZZU3/3	660142	6.35/3.2/3000	8	1.13	10
LZZU3/4	660143	6.35/3.2/4000	8	1.13	10
LZZU3/5	660144	6.35/3.2/5000	8	1.13	10
LZZU3/6	660145	6.35/3.2/6000	8	1.13	10
LZZU3/7	660146	6.35/3.2/7000	8	1.13	10
LZZU3/8	660147	6.35/3.2/8000	8	1.13	10
LZZU3/9	660148	6.35/3.2/9000	8	1.13	10
LZZU3/10	660149	6.35/3.2/10000	8	1.13	10

Use:

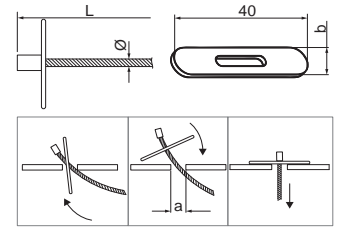
Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to roof sheathing or trapezoidal sheets.



Wire Rope with locking mechanism and multifunctional clamp

LZZW...

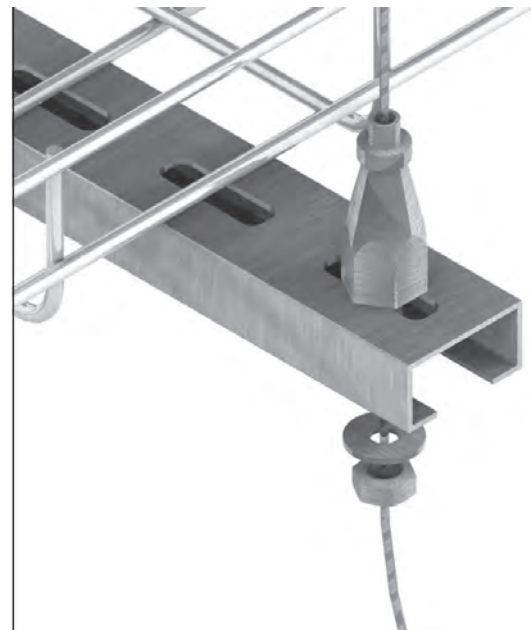
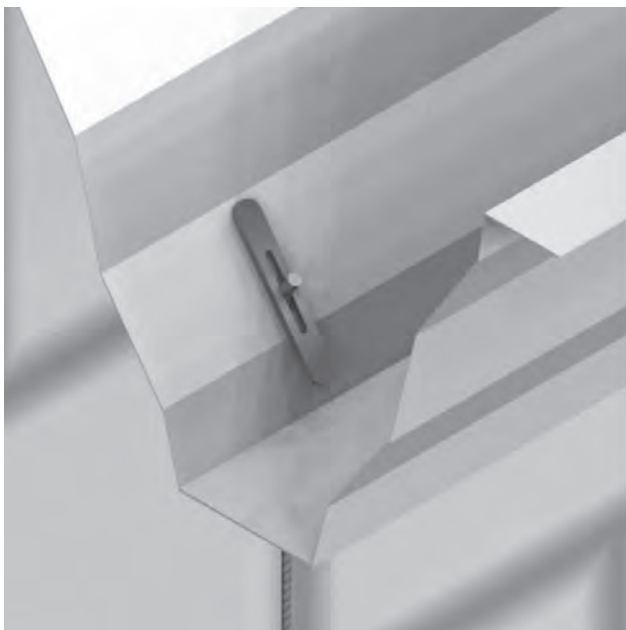
mat.: G



symbol	catalogue number	dimension b/Ø/L [mm]	dimension a [mm]	load max. F_{max} [kN]	quantity per package [set]
LZZW1/1	660041	5.7/1.5/1000	8	0.25	10
LZZW1/2	660042	5.7/1.5/2000	8	0.25	10
LZZW1/3	660043	5.7/1.5/3000	8	0.25	10
LZZW1/4	660044	5.7/1.5/4000	8	0.25	10
LZZW1/5	660045	5.7/1.5/5000	8	0.25	10
LZZW1/6	660046	5.7/1.5/6000	8	0.25	10
LZZW1/7	660047	5.7/1.5/7000	8	0.25	10
LZZW1/8	660048	5.7/1.5/8000	8	0.25	10
LZZW1/9	660049	5.7/1.5/9000	8	0.25	10
LZZW1/10	660050	5.7/1.5/10000	8	0.25	10
LZZW2/1	660051	6.35/2/1000	8	0.55	10
LZZW2/2	660052	6.35/2/2000	8	0.55	10
LZZW2/3	660053	6.35/2/3000	8	0.55	10
LZZW2/4	660054	6.35/2/4000	8	0.55	10
LZZW2/5	660055	6.35/2/5000	8	0.55	10
LZZW2/6	660056	6.35/2/6000	8	0.55	10
LZZW2/7	660057	6.35/2/7000	8	0.55	10
LZZW2/8	660058	6.35/2/8000	8	0.55	10
LZZW2/9	660059	6.35/2/9000	8	0.55	10
LZZW2/10	660060	6.35/2/10000	8	0.55	10
LZZW3/1	660071	6.35/3.2/1000	8	1.13	10
LZZW3/2	660072	6.35/3.2/2000	8	1.13	10
LZZW3/3	660073	6.35/3.2/3000	8	1.13	10
LZZW3/4	660074	6.35/3.2/4000	8	1.13	10
LZZW3/5	660075	6.35/3.2/5000	8	1.13	10
LZZW3/6	660076	6.35/3.2/6000	8	1.13	10
LZZW3/7	660077	6.35/3.2/7000	8	1.13	10
LZZW3/8	660078	6.35/3.2/8000	8	1.13	10
LZZW3/9	660079	6.35/3.2/9000	8	1.13	10
LZZW3/10	660080	6.35/3.2/10000	8	1.13	10

Use:

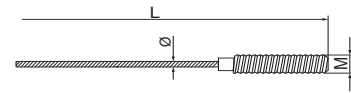
Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to roof sheathing or trapezoidal sheets.



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Wire Rope with anchor and universal clamp

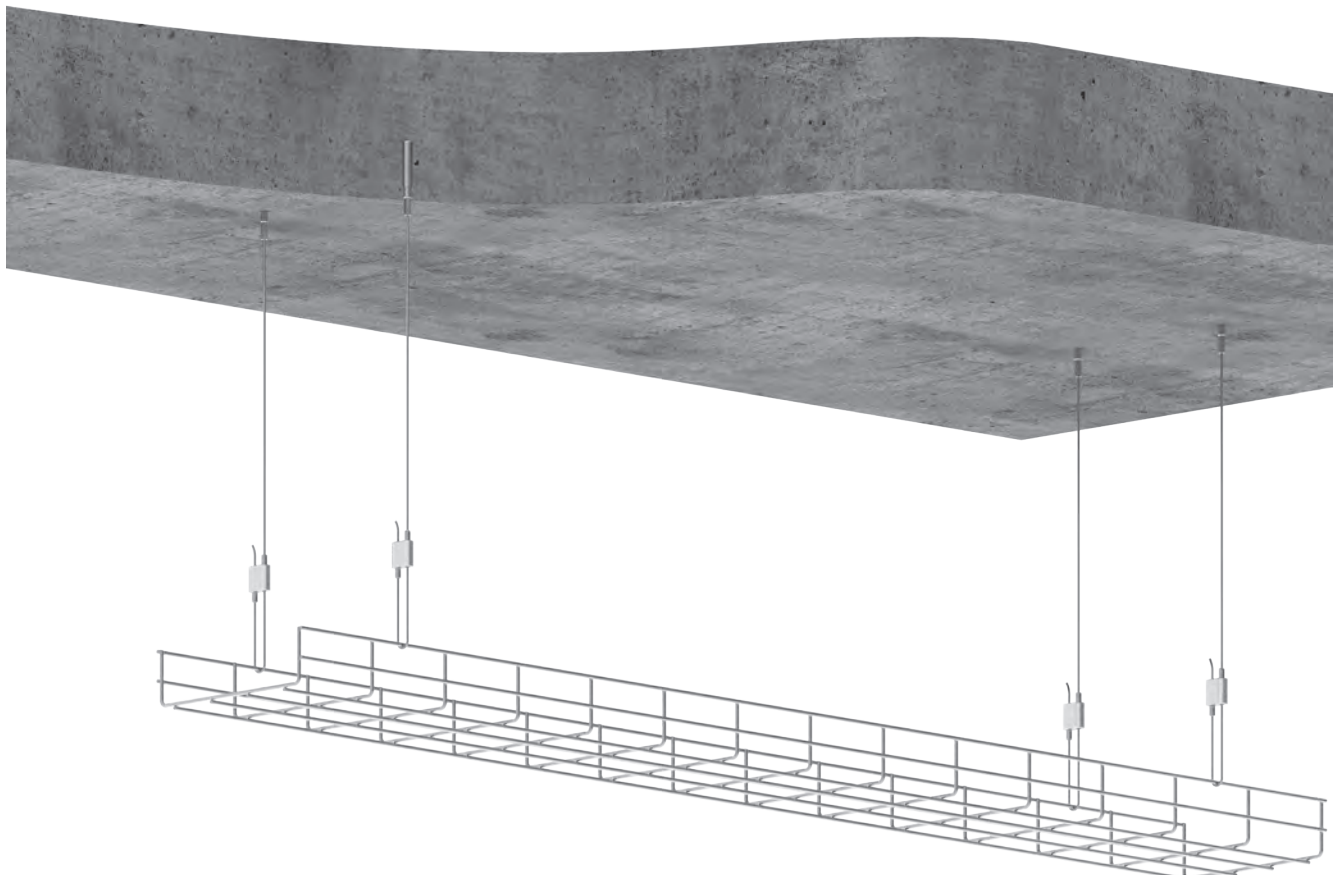
LKZU...



symbol	catalogue number	dimension M/Ø/L [mm]	load max. F_{max} [kN]	quantity per package [set]
LKZU1/1	670020	6/1.5/1000	0.25	10
LKZU1/2	670021	6/1.5/2000	0.25	10
LKZU1/3	670022	6/1.5/3000	0.25	10
LKZU1/4	670023	6/1.5/4000	0.25	10
LKZU1/5	670024	6/1.5/5000	0.25	10
LKZU1/6	670025	6/1.5/6000	0.25	10
LKZU1/7	670026	6/1.5/7000	0.25	10
LKZU1/8	670027	6/1.5/8000	0.25	10
LKZU1/9	670028	6/1.5/9000	0.25	10
LKZU1/10	670029	6/1.5/10000	0.25	10
LKZU2/1	670030	8/2/1000	0.55	10
LKZU2/2	670031	8/2/2000	0.55	10
LKZU2/3	670032	8/2/3000	0.55	10
LKZU2/4	670033	8/2/4000	0.55	10
LKZU2/5	670034	8/2/5000	0.55	10
LKZU2/6	670035	8/2/6000	0.55	10
LKZU2/7	670036	8/2/7000	0.55	10
LKZU2/8	670037	8/2/8000	0.55	10
LKZU2/9	670038	8/2/9000	0.55	10
LKZU2/10	670039	8/2/10000	0.55	10

Use:

Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to concrete ceilings via an anchor included in the set.

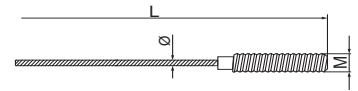


Wire Rope with anchor without clamp

LK...

mat.: G

N



symbol	catalogue number	dimension M/Ø/L [mm]	load max. F_{max} [kN]	quantity per package [set]
LK1/2	660150	6/1.5/2000	0.25	10
LK1/3	660131	6/1.5/3000	0.25	10
LK1/5	660153	6/1.5/5000	0.25	10
LK1/10	660154	6/1.5/10000	0.25	10
LK2/2	660155	8/2/2000	0.55	10
LK2/3	660156	8/2/3000	0.55	10
LK2/5	660157	8/2/5000	0.55	10
LK2/10	660158	8/2/10000	0.55	10
LK3/2	660159	8/3.2/2000	1.13	10
LK3/3	660160	8/3.2/3000	1.13	10
LK3/5	660162	8/3.2/5000	1.13	10
LK3/10	660163	8/3.2/10000	1.13	10
LK5/2	660164	10/5/2000	3.00	10
LK5/3	660165	10/5/3000	3.00	10
LK5/5	660166	10/5/5000	3.00	10
LK5/10	660167	10/5/10000	3.00	10

Use:

Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to concrete ceilings via an anchor included in the set.

Additional information:

- one of the available clamps should be selected for the product: ZU..., ZW..., ZWNR...



Wire Rope with snap hook without clamp

LKR...

mat.: G

symbol	catalogue number	dimension Ø/L [mm]	load max. F_{max} [kN]	quantity per package [set]
LKR1/2	660194	1.5/2000	0.25	10
LKR1/3	660195	1.5/3000	0.25	10
LKR1/5	660196	1.5/5000	0.25	10
LKR1/10	660197	1.5/10000	0.25	10
LKR2/2	660198	2/2000	0.55	10
LKR2/3	660199	2/3000	0.55	10
LKR2/5	660201	2/5000	0.55	10
LKR2/10	660202	2/10000	0.55	10
LKR3/2	660203	3.2/2000	1.13	10
LKR3/3	660204	3.2/3000	1.13	10
LKR3/5	660205	3.2/5000	1.13	10
LKR3/10	660206	3.2/10000	1.13	10

Use:

Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to purlins, beams, roof trusses and other structural elements.

Additional information:

- one of the available clamps should be selected for the product: ZU..., ZW..., ZWNR...



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

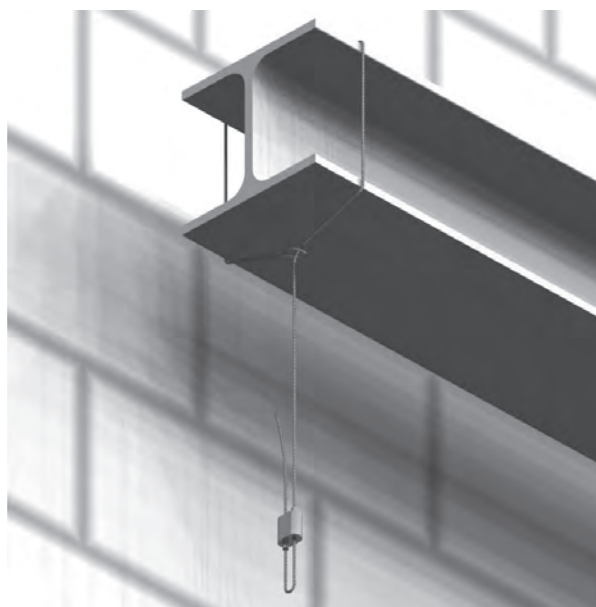
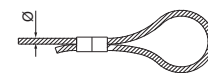
Wire Rope with loop and universal clamp

LPZU...

mat.: G



symbol	catalogue number	dimension Ø/L [mm]	load max. F_{max} [kN]	quantity per package [set]
LPZU1/1	670040	1.5/1000	0.25	10
LPZU1/2	670041	1.5/2000	0.25	10
LPZU1/3	670042	1.5/3000	0.25	10
LPZU1/4	670043	1.5/4000	0.25	10
LPZU1/5	670044	1.5/5000	0.25	10
LPZU1/6	670045	1.5/6000	0.25	10
LPZU1/7	670046	1.5/7000	0.25	10
LPZU1/8	670047	1.5/8000	0.25	10
LPZU1/9	670048	1.5/9000	0.25	10
LPZU1/10	670049	1.5/10000	0.25	10
LPZU2/1	670050	2/1000	0.55	10
LPZU2/2	670051	2/2000	0.55	10
LPZU2/3	670052	2/3000	0.55	10
LPZU2/4	670053	2/4000	0.55	10
LPZU2/5	670054	2/5000	0.55	10
LPZU2/6	670055	2/6000	0.55	10
LPZU2/7	670056	2/7000	0.55	10
LPZU2/8	670057	2/8000	0.55	10
LPZU2/9	670058	2/9000	0.55	10
LPZU2/10	670059	2/10000	0.55	10



Wire Rope with loop without clamp LP... mat.: G

N

symbol	catalogue number	dimension Ø/L [mm]	load max. F_{max} [kN]	quantity per package [set]
LP1/2	660168	1,5/2000	0,25	10
LP1/3	660169	1,5/3000	0,25	10
LP1/5	660170	1,5/5000	0,25	10
LP1/10	660171	1,5/10000	0,25	10
LP2/2	660172	2/2000	0,55	10
LP2/3	660173	2/3000	0,55	10
LP2/5	660174	2/5000	0,55	10
LP2/10	660175	2/10000	0,55	10
LP3/2	660176	3,2/2000	1,13	10
LP3/3	660177	3,2/3000	1,13	10
LP3/5	660178	3,2/5000	1,13	10
LP3/10	660179	3,2/10000	1,13	10
LP5/2	660180	5/2000	3,00	10
LP5/3	660181	5/3000	3,00	10
LP5/5	660182	5/5000	3,00	10
LP5/10	660183	5/10000	3,00	10



Use:

Suspending lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc. to purlins, beams, roof trusses and other structural elements.

Additional information:

- one of the available clamps should be selected for the product: ZU..., ZW..., ZWNR...

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Wire Rope with hook and universal clamp

LHZU...

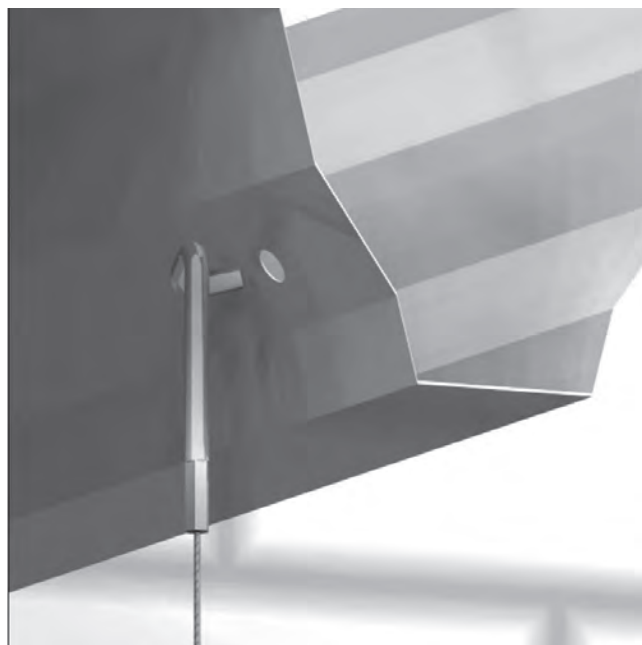
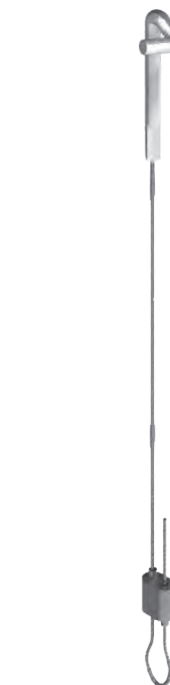
mat.: G



symbol	catalogue number	dimension Ø/L [mm]	hole dimension a [mm]	load max. F_{max} [kN]	quantity per package [set]
LHZU2/1	670010	2/1000	8	0,40	10
LHZU2/2	670011	2/2000	8	0,40	10
LHZU2/3	670012	2/3000	8	0,40	10
LHZU2/4	670013	2/4000	8	0,40	10
LHZU2/5	670014	2/5000	8	0,40	10
LHZU2/6	670015	2/6000	8	0,40	10
LHZU2/7	670016	2/7000	8	0,40	10
LHZU2/8	670017	2/8000	8	0,40	10
LHZU2/9	670018	2/9000	8	0,40	10
LHZU2/10	670019	2/10000	8	0,40	10
LHZU3/1	660184	3,2/1000	8	0,80	10
LHZU3/2	660185	3,2/2000	8	0,80	10
LHZU3/3	660186	3,2/3000	8	0,80	10
LHZU3/4	660187	3,2/4000	8	0,80	10
LHZU3/5	660188	3,2/5000	8	0,40	10
LHZU3/6	660189	3,2/6000	8	0,80	10
LHZU3/7	660190	3,2/7000	8	0,80	10
LHZU3/8	660191	2/8000	8	0,80	10
LHZU3/9	660192	3,2/9000	8	0,80	10
LHZU3/10	660193	3,2/10000	8	0,80	10

Use:

Suspending cable runs, lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc., to roof coverings or trapezoidal sheets.



Wire Rope with hook and multi-function clamp

LHZW...

mat.: G

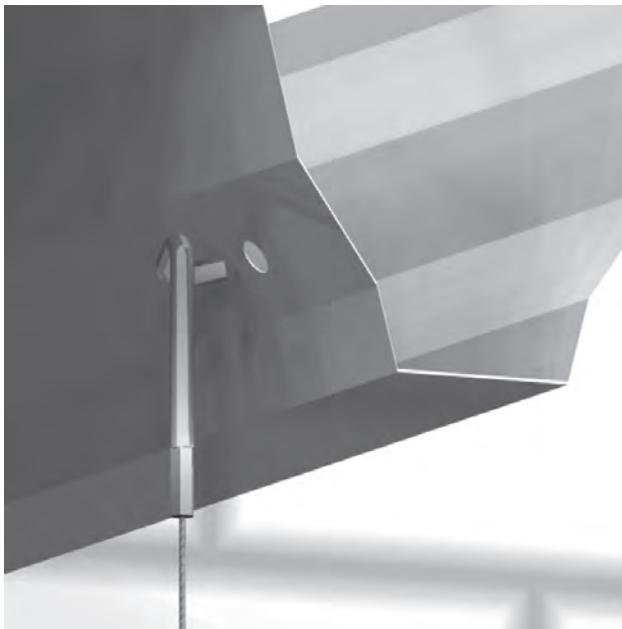


symbol	catalogue number	dimension Ø/L [mm]	hole dimension a [mm]	load max. F_{max} [kN]	quantity per package [set]
LHZW2/1	660061	2/1000	8	0,40	10
LHZW2/2	660062	2/2000	8	0,40	10
LHZW2/3	660063	2/3000	8	0,40	10
LHZW2/4	660064	2/4000	8	0,40	10
LHZW2/5	660065	2/5000	8	0,40	10
LHZW2/6	660066	2/6000	8	0,40	10
LHZW2/7	660067	2/7000	8	0,40	10
LHZW2/8	660068	2/8000	8	0,40	10
LHZW2/9	660069	2/9000	8	0,40	10
LHZW2/10	660070	2/10000	8	0,40	10
LHZW3/1	660101	3,2/1000	8	0,80	10
LHZW3/2	660102	3,2/2000	8	0,80	10
LHZW3/3	660103	3,2/3000	8	0,80	10
LHZW3/4	660104	3,2/4000	8	0,80	10
LHZW3/5	660105	3,2/5000	8	0,80	10
LHZW3/6	660106	3,2/6000	8	0,80	10
LHZW3/7	660107	3,2/7000	8	0,80	10
LHZW3/8	660108	3,2/8000	8	0,80	10
LHZW3/9	660109	3,2/9000	8	0,80	10
LHZW3/10	660110	3,2/10000	8	0,80	10



Use:

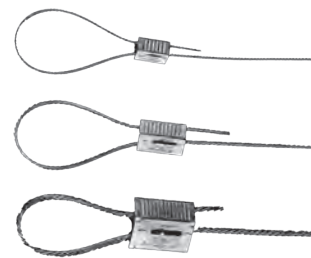
Suspending cable runs, lighting fixtures, cables, speakers, alarm sensors, signage, pipes, etc., to roof coverings or trapezoidal sheets..



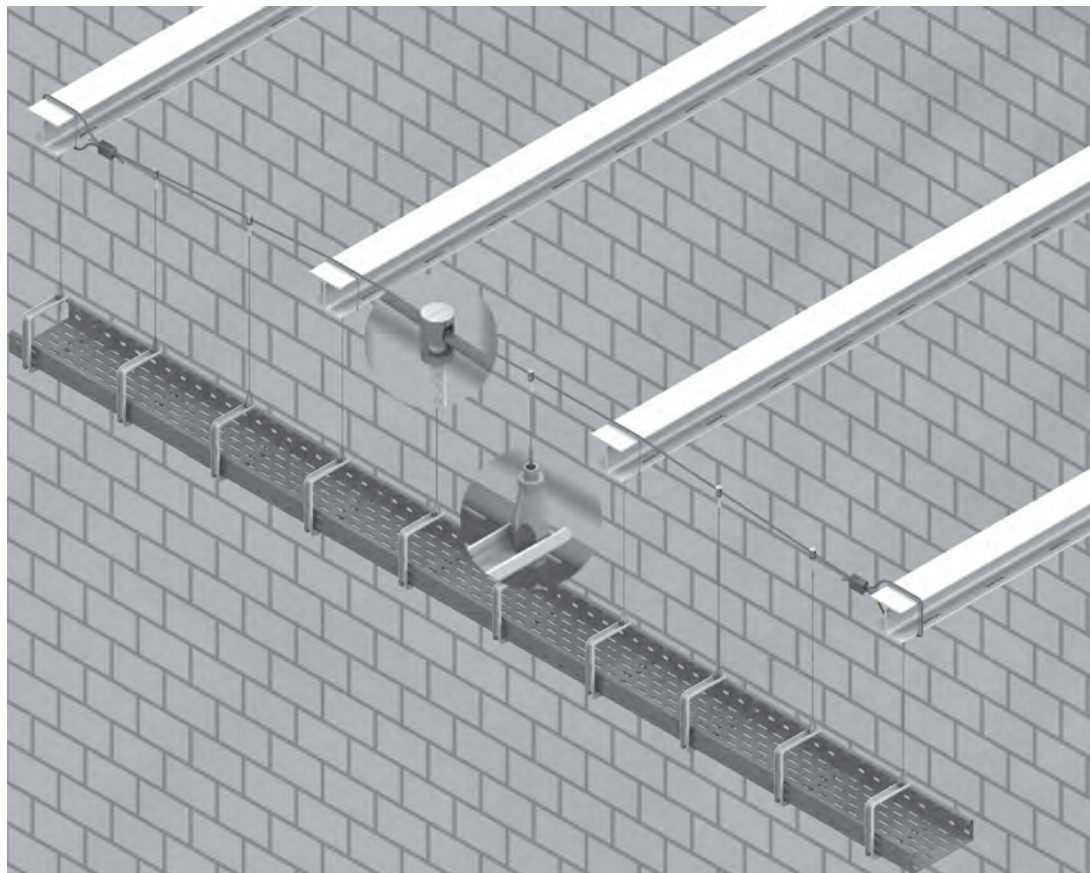
Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Horizontal mounting cable clamp ZLPM...

symbol	catalogue number	ZLPM... suitable for: Ø [mm]	mat.: G		quantity per package [set]
			load max. F_{max} [kN]	max. horizontal span	
ZLPM30	660083	3	0,30	40 m	10
ZLPM75	660084	4	0,75	40 m	10
ZLPM100	660085	6	1,00	40 m	10



Use:
The clamp provides stability and allows for additional adjustment of the cable after installation.
Express installation.



Vertical rope clamp

symbol	catalogue number	ZPM... suitable for:	mat.: G		quantity per package [pcs.]
			load max. F_{max} [kN]		
ZPM6	660086	ZLPM30	0,15		10
ZPM8	660087	ZLPM75, ZLPM100	0,35		10



Use:
Suspending installation components.

Additional information:
– quick mounting

Steel rope for clamps

symbol	catalogue number	LSZ... dimension Ø [mm]	mat.: G		quantity per package [m]
			splot	load max. F_{max} [kN]	
LSZ1,5	660111	1,5	7x7	0,25	100
LSZ2	660112	2	7x7	0,55	100
LSZ3	660113	3,2	7x7	1,13	100
LSZ4	660114	4	7x7	1,60	100
LSZ5	660115	5	7x7	3,00	100
LSZ6	660116	6	7x19	5,00	100



Use:
Structure mounting, cable tray suspension.

Universal wire rope clamp ZU... mat.: G

symbol	catalogue number	suitable for: Ø [mm]	load max. F _{max} [kN]	quantity per package [pcs.]
ZU1,5	660088	1,5	0,25	10
ZU2	660089	2	0,55	10
ZU3	660090	3,2	1,13	10
ZU4	660091	4	1,60	10
ZU5	660092	5	3,00	10



Multifunction clamp ZW... mat.: G

symbol	catalogue number	suitable for: Ø [mm]	load max. F _{max} [kN]	quantity per package [pcs.]
ZW1,5	660093	1,5	0,25	10
ZW2	660081	2	0,55	10
ZW3	660094	3,2	1,13	10



Multifunctional clamp with rhombic nut ZWNR... mat.: G

symbol	catalogue number	suitable for: Ø [mm]	load max. F _{max} [kN]	quantity per package [pcs.]
ZWNR1,5	660095	1,5	0,25	10
ZWNR2	660096	2	0,55	10
ZWNR3	660097	3,2	1,13	10



Use:
The clamp provides stability and allows for additional adjustment once it is fixed.
Quick mounting.

Wire Rope protective cap NOL mat.: PP

symbol	catalogue number	quantity per package [pcs.]
NOL	660117	100



Use:
Protecting the surface of a suspended element from direct contact with a wire rope.
Additional information:
– Fits ropes up to 6 mm in diameter

Rope scissors NDL

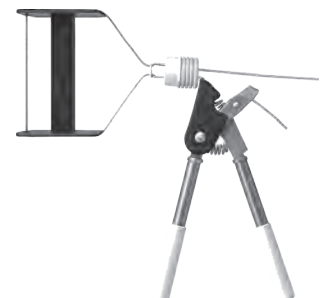
symbol	catalogue number	quantity per package [pcs.]
NDL	651661	1



Use:
Cutting wire ropes up to 5 mm in diameter.
Additional information:
– thanks to special blades, the wire ropes ends do not fray after cutting.

Wire rope tensioning tool NDNL

symbol	catalogue number	quantity per package [pcs.]
NDNL	660118	1



Use:
For tensioning horizontally suspended wire ropes ZLPM.



NEW PRODUCTS IN THE CEILING SUSPENSION SYSTEM

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

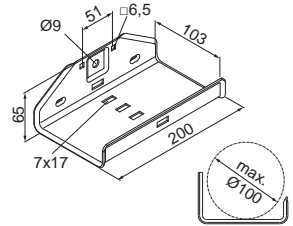
Gutter cable holder

URK100

mat.: S

option: F, E, L

symbol	catalogue number	load max. F_{max} [kN]	weight 1 pc. [kg]	qQuantity per package [pcs.]
Material thickness = 2.0 mm				
URK100	425890	0.80	0.58	1

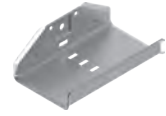


Use:

Suspension of cables and wires.

Additional information:

- installation to PURK... rail using NSZ6x10 blind rivets
- direct wall installation using SBOPM6x40 concrete screw or TRSM8 or TRSOM8 expansion anchor and SPM8x16 washer head screw



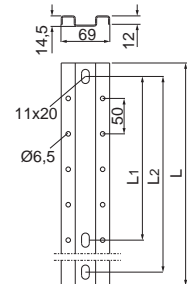
Cable gutter clamp guide rail

PURK...

mat.: S

option: F, E, L

symbol	catalogue number	dimension L/L_1 [mm]	dimension L_2 [mm]	weight 1 pc. [kg]	qQuantity per package [pcs.]
Material thickness = 1.5 mm					
PURK/05	425887	500/231	462	0.58	10
PURK/1	425888	1000/321	962	1.16	5
PURK/2	425889	2000/327	1962	2.32	5

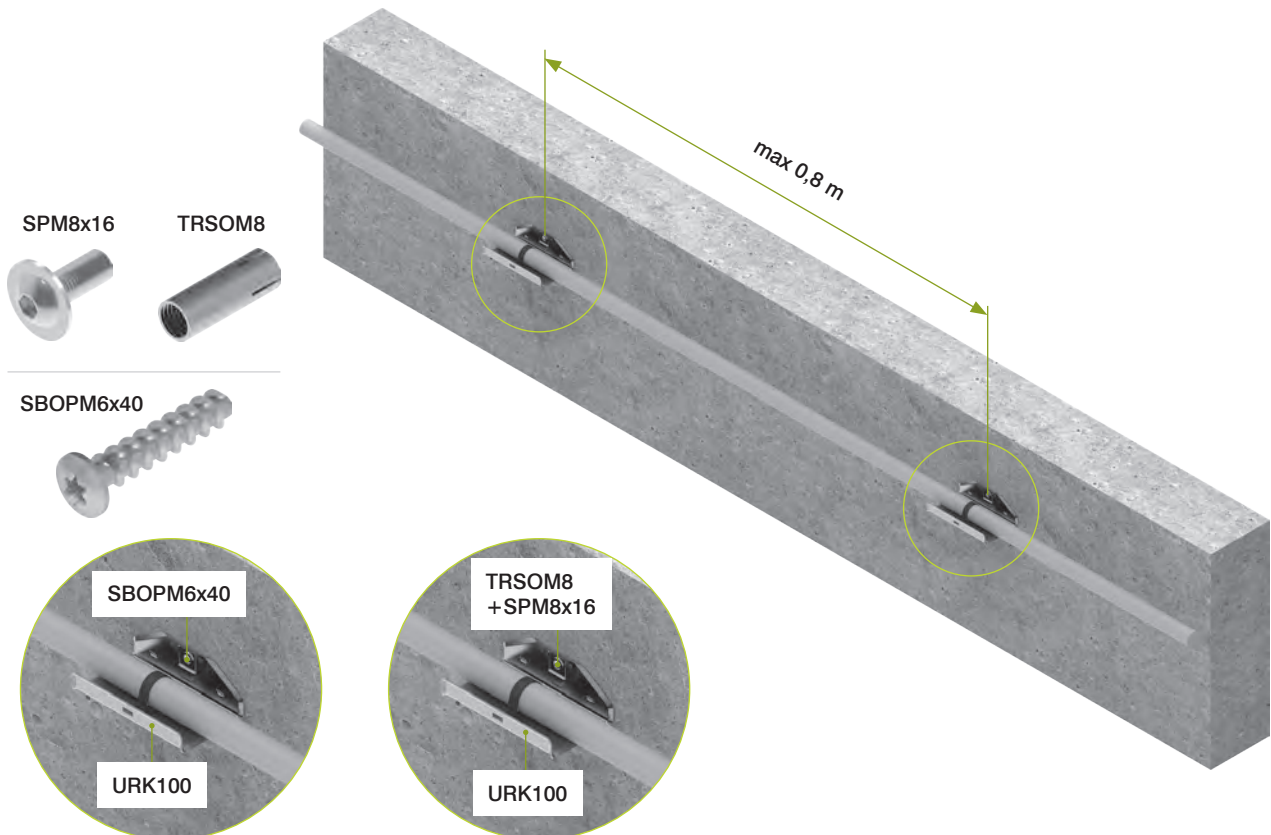


Use:

installation of URK100 gutter cable clamps

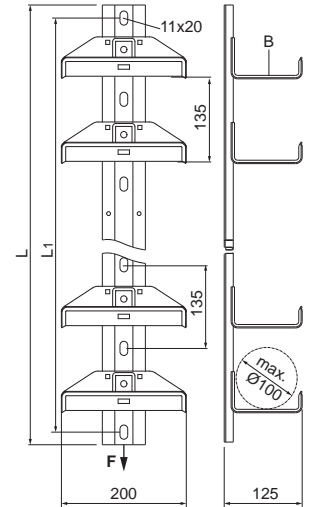


Installing the URK100 gutter cable clamp using an SBOPM6x40 concrete screw and a TRSOM8 expansion sleeve together with an SPM8x16 washer head screw



Gutter cable holder set **ZURK100...** mat.: S option: F, E, L

symbol	catalogue number	dimension L/L ₁ [mm]	weight 1 pc. [kg]	qQuantity per package [set]
Material thickness = 2.0 mm				
ZURK100/1	425891	173/135	0.78	1
ZURK100/2	425892	308/270	1.51	1
ZURK100/3	425893	443/405	2.50	1
ZURK100/4	425894	578/540	2.98	1
ZURK100/5	425895	713/675	3.72	1
ZURK100/6	425896	848/810	4.45	1
ZURK100/7	425897	983/945	5.19	1
ZURK100/8	425898	1118/1080	5.92	1
ZURK100/9	425899	1253/1215	6.66	1
ZURK100/10	425900	1388/1350	7.40	1



Use:

Suspension of cables and wires.

Additional information:

- installation using PSRM10..., PSROM10, PSRZM10... expansion bolts or SBSOM10... concrete screws

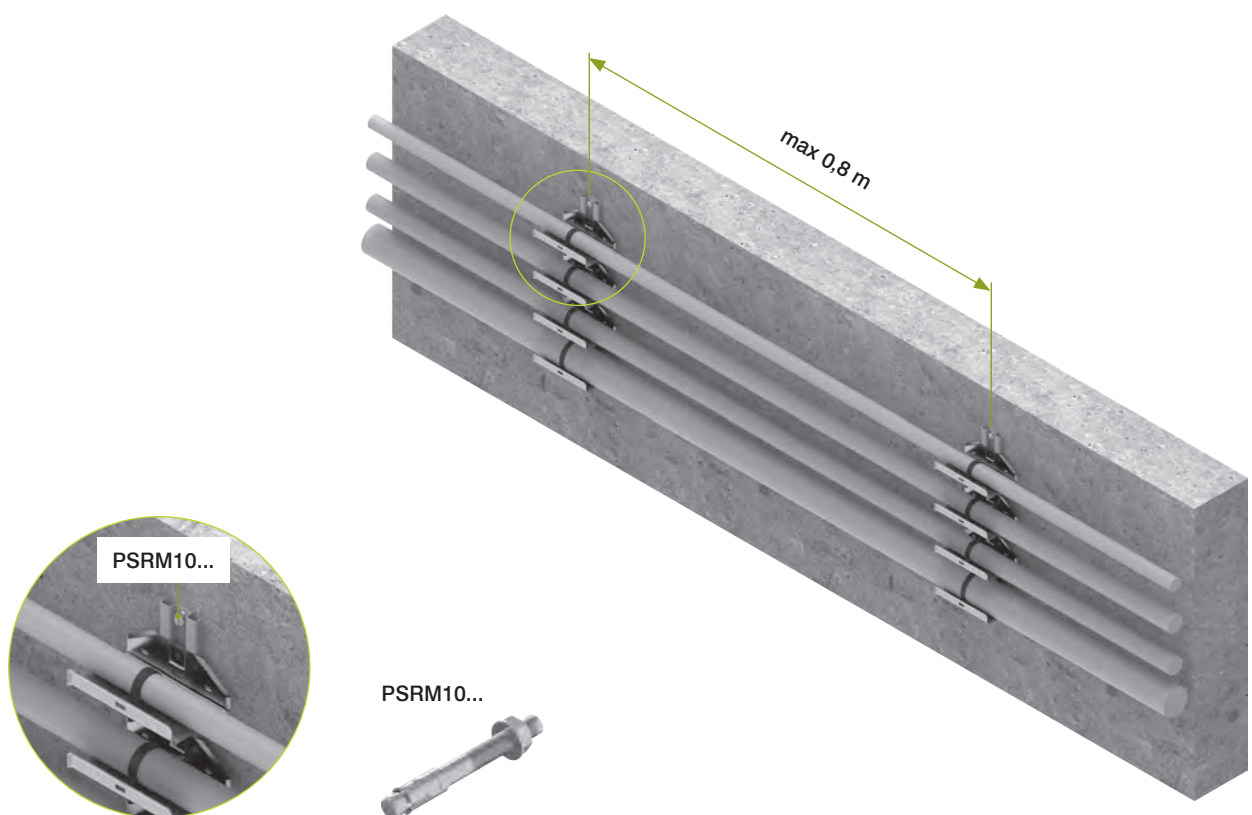
Wall Mounting Table

The strength parameters presented below apply to mounting in concrete, minimum C16/20.
Table description: A - holder symbol, B - number of levels, F_{max} - maximum load, C - number of concrete screws

A	B	F _{max} [kN]	C
ZURK100/1	1	0,8	2
ZURK100/2	2	1,6	2
ZURK100/3	3	2,4	2
ZURK100/4	4	3,2	2
ZURK100/5	5	4,0	2
ZURK100/6	6	4,8	3
ZURK100/7	7	5,6	3
ZURK100/8	8	6,4	3
ZURK100/9	9	7,2	4
ZURK100/10	10	8,0	4



Mounting the ZURK100... gutter cable holder set to the wall using PSRM10... ring expansion screws.



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

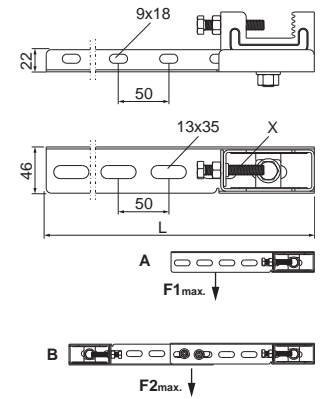
I-beam bracket kit

ZUH...

mat.: S, FP option: F, L

symbol	catalogue number	dimension L [mm]	load max. F1 _{max} [kN]	load max. F2 _{max} [kN]	X	weight 1 pc. [kg]	qQuantity per package [set]
ZUH100	731321	245	0.45	0.90	M10x80	0.51	1
ZUH200	731322	345	0.40	0.80	M10x80	0.61	1
ZUH300	731323	445	0.30	0.60	M10x80	0.71	1
ZUH400	731324	545	0.25	0.50	M10x80	0.81	1
ZUH500	731325	645	0.20	0.40	M10x80	0.91	1
ZUH600	731326	745	0.15	0.30	M10x80	1.01	1
ZUH1000	731327	1145	0.10	0.20	M10x80	1.31	1

N

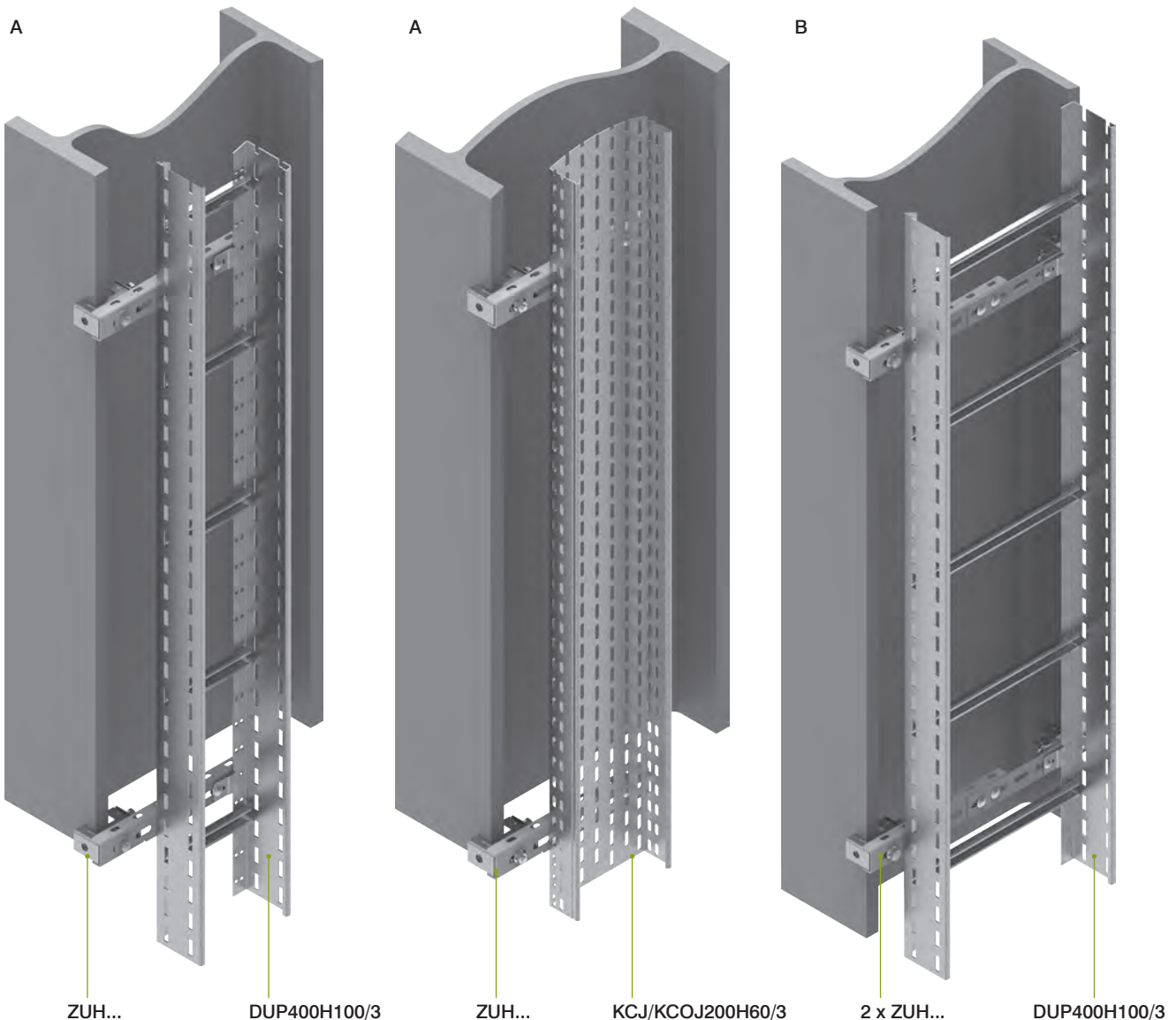


Use:

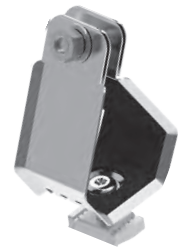
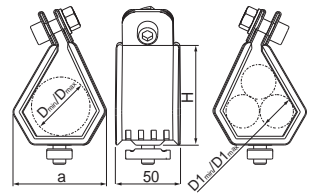
Vertically attaching cable trays, mesh trays, and cable ladders to the open side of an I-beam.

Additional information:

- specially serrated surface provides additional protection against slipping of the attached clamp
- provides a good base for building solid fastenings on steel structures without drilling or welding
- X-bolt with nut included



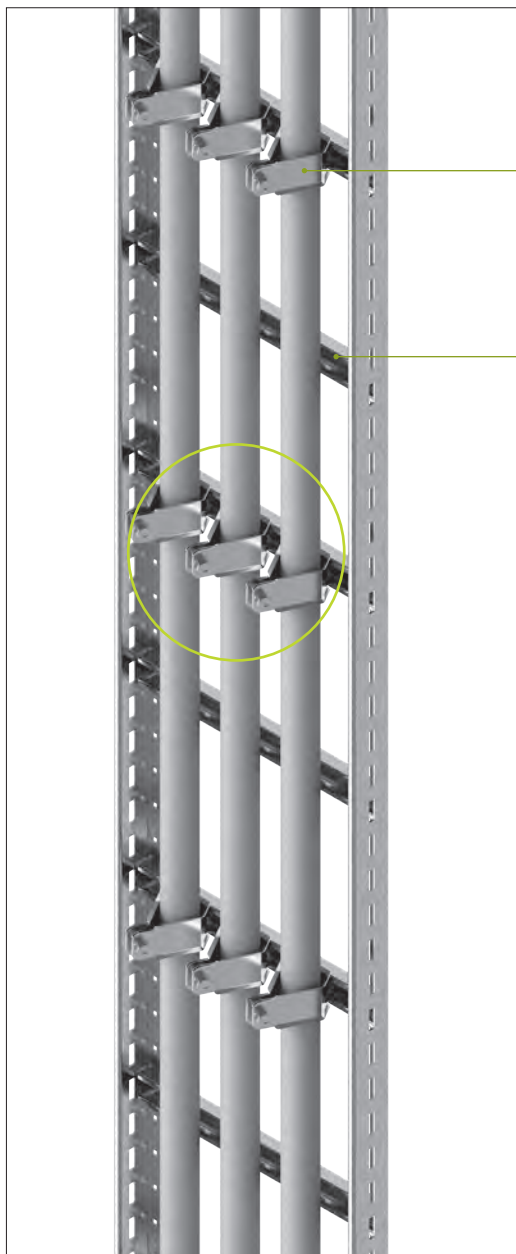
Cable Clip		OKSE...	mat.: E				Quantity per package [pcs.]	N
symbol	catalogue number	dim. D_{min}/D_{max} [mm]	dim. $D1_{min}/D1_{max}$ [mm]	dim. a [mm]	dim. H [mm]	weight 1 pc. [kg]		
OKSE16/20	752623	16/20	10/12	37	36	0.14	1	
OKSE20/24	752624	20/24	12/14	41	42	0.15	1	
OKSE24/28	752625	24/28	14/16	45	48	0.16	1	
OKSE28/32	752626	28/32	16/18	49	54	0.17	1	
OKSE32/36	752627	32/36	18/20	53	60	0.19	1	
OKSE36/40	752628	36/40	20/23	57	66	0.20	1	
OKSE40/44	752629	40/44	23/26	61	72	0.21	1	
OKSE44/48	752630	44/48	26/30	65	80	0.23	1	



Use:
For the installation of single- or multi-core cables for low, medium, and high voltages.

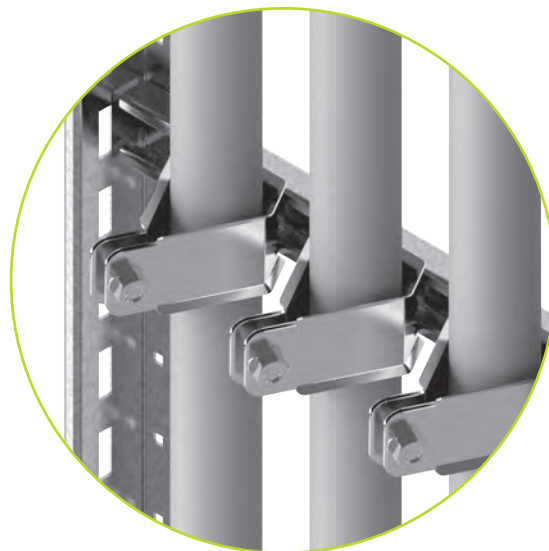
Additional information:

- screw with rhombus nut included, ready for installation on SMEP rungs...
- clamp made of 316 stainless steel with an insulating insert
- angled clamping screw facilitates the installation of multiple brackets in a row



OKSE...

SMEP..

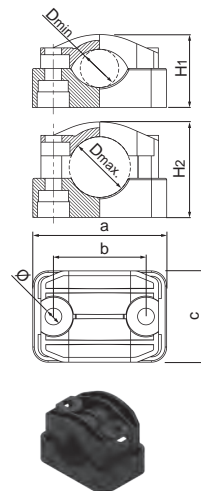


Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Cable Clip		OKP40/1	mat.: PA					
symbol	catalogue number	dimension $D_{min}/D_{max}/H_1/H_2$ [mm]	dim. a [mm]	dim. b [mm]	dim. c [mm]	dim. \varnothing [mm]	weight 1 pc. [kg]	Quantity per package [pcs.]
OKP40/1	752613	27/40/48/61	88	60	60	11	0.12	1

Additional information:

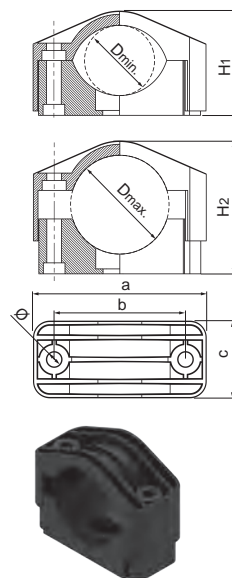
- the clamp is made of glass fiber reinforced plastic PA6GF30 or, upon request, PA6GF30VO
- CE certified and class B (EN 61914:2009)
- black color according to RAL
- reduced top section facilitates installation in switchboards



Cable Clip		OKP...	mat.: PA					
symbol	catalogue number	dimension $D_{min}/D_{max}/H_1/H_2$ [mm]	dim. a [mm]	dim. b [mm]	dim. c [mm]	dim. \varnothing [mm]	weight 1 pc. [kg]	Quantity per package [pcs.]
OKP40	752610	27/40/49/62	99	70	60	12	0.14	1
OKP54	752614	34/54/52/72	101	75	55	12	0.14	1
OKP90	752617	65/90/95/120	157	118	70	14	0.37	1
OKP100	752618	74/100/111/136	195	150	80	15	0.78	1

Additional information:

- the clamp is made of glass fiber reinforced plastic PA6GF30 or, upon request, PA6GF30VO
- CE certified and class B (EN 61914:2009)
- black color according to RAL
- * - has an additional mounting hole in the base of the clamp



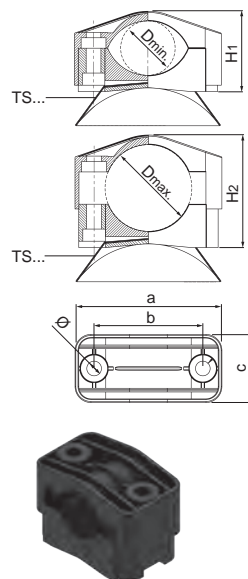
Cable Clip		OKPTO...	mat.: PA					
symbol	catalogue number	dimension $D_{min}/D_{max}/H_1/H_2$ [mm]	dim. a [mm]	dim. b [mm]	dim. c [mm]	dim. \varnothing [mm]	weight 1 pc. [kg]	Quantity per package [pcs.]
OKPTO40	752611	27/40/56/69	99	70	60	12	0.15	1
OKPTO75	752615	48/75/72/99	128	95	59	13	0.21	1

Use:

For the installation of single- or multi-core cables for low, medium, and high voltages.

Additional information:

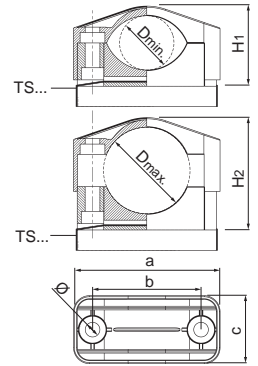
- optional installation of the clamp on poles using steel tape TS...
- the clamp is made of glass fiber reinforced plastic PA6GF30 or, upon request, PA6GF30VO
- CE certified and class B (EN 61914:2009)
- black color according to RAL



Cable Clip		OKPTP...	mat.: PA						
symbol	catalogue number	dimension $D_{min}/D_{max}/H_1/H_2$ [mm]	dim. a [mm]	dim. b [mm]	dim. c [mm]	dim. \varnothing [mm]	weight 1 pc. [kg]	Quantity per package [pcs.]	N
OKPTP40	752612	27/40/56/69	99	70	60	12	0.16	1	
OKPTP75	752616	48/75/72/99	128	95	59	13	0.22	50	

Use:
For the installation of single- or multi-core cables for low, medium, and high voltages.

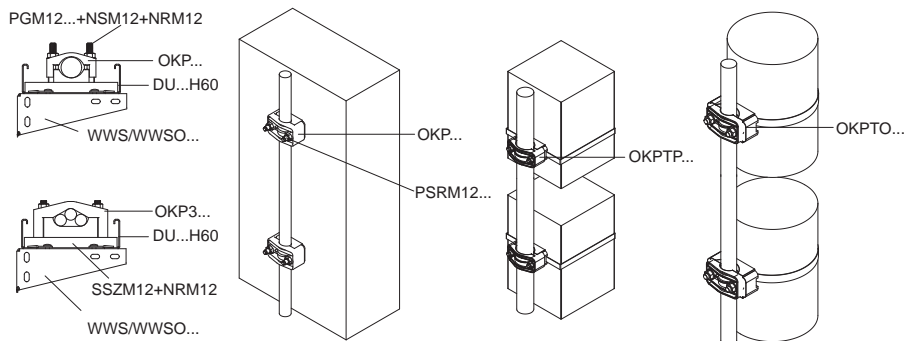
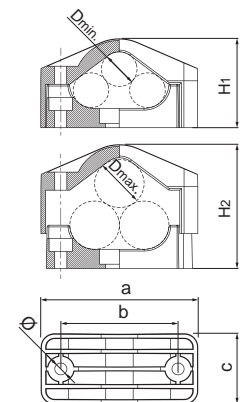
- Additional information:**
- optional installation of the clamp on flat poles or rungs using steel tape **TS...**
 - the clamp is made of glass fiber reinforced plastic PA6GF30 or, upon request, PA6GF30VO
 - CE certified and class B (EN 61914:2009)
 - black color according to RAL



Cable Clip		OKP3...	mat.: PA						
symbol	catalogue number	dimension $D_{min}/D_{max}/H_1/H_2$ [mm]	dim. a [mm]	dim. b [mm]	dim. c [mm]	dim. \varnothing [mm]	weight 1 pc. [kg]	Quantity per package [pcs.]	N
OKP3/24-36	752619	3x24/3x36/76/107	150	110	80	13	0.47	1	
OKP3/32-47	752620	3x32/3x47/86/126	172	130	80	13	0.53	1	
OKP3/37-52	752621	3x37/3x52/102/142	192	145	80	15	0.76	1	
OKP3/39-54	752622	3x39/3x54/103/143	177	130	80	13	0.59	1	

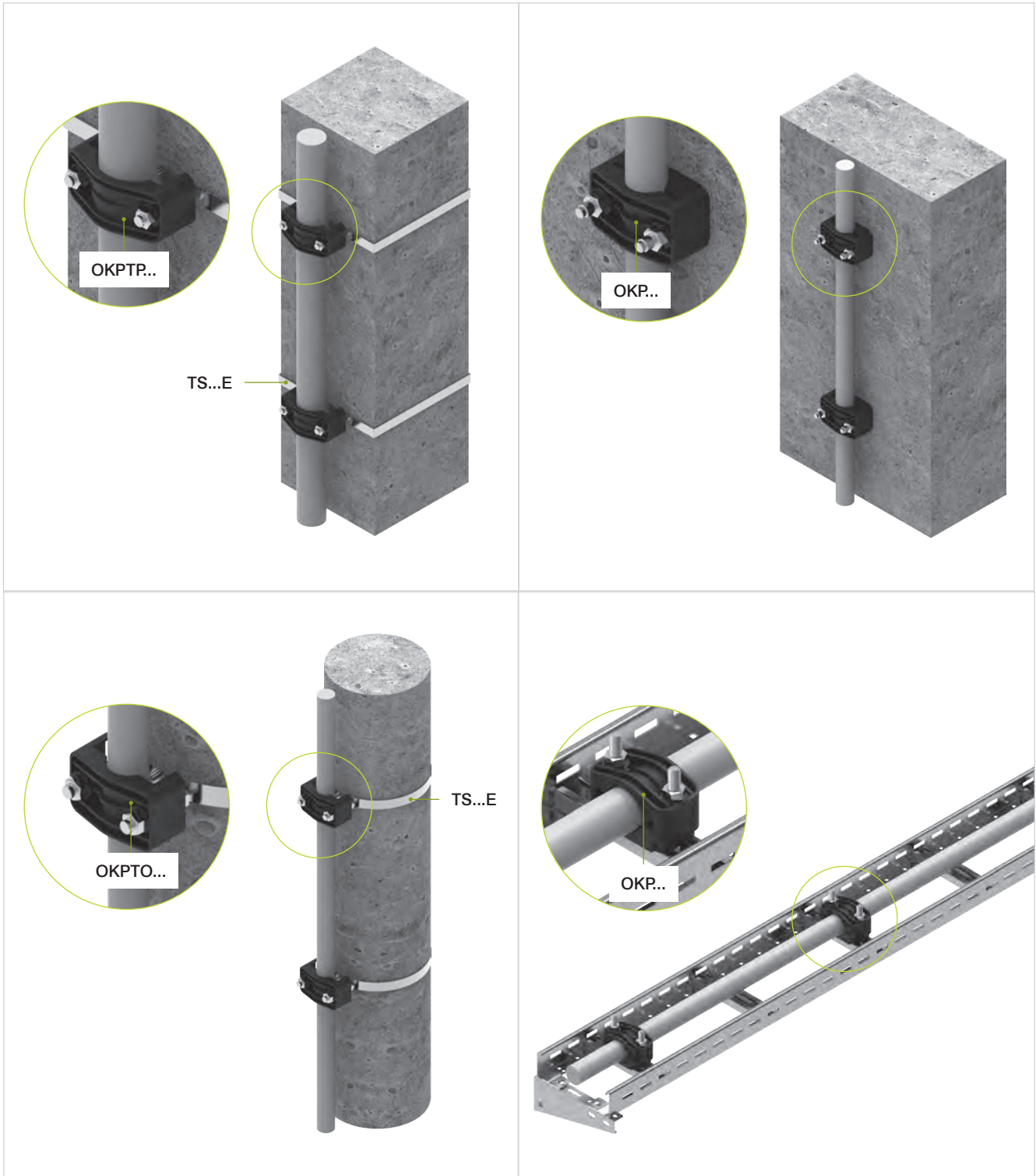
Use:
For sector-shaped installation of single or multi-core cables for low, medium and high voltages.

- Additional information:**
- the clamp is made of glass fiber reinforced plastic PA6GF30 or, upon request, PA6GF30VO
 - CE certified and class B (EN 61914:2009)
 - black color according to RAL
 - * - has an additional mounting hole in the base of the clamp



Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Examples of use of OKP..., OKPTO..., OKPTP... cable clamps

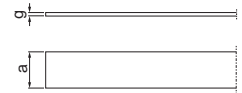


Steel Tape

TS...E

mat.: E4

symbol	catalogue number	dimension a [mm]	dimension g [mm]	qQuantity per package [m]
TS9E	641309	9.5	0.50	30
TS12E	641312	12.7	0.76	30
TS15E	641315	15.88	0.76	30
TS19E	641319	19.05	0.76	30



Use:

Attaching plastic clamps to rungs and profiles.

Securing cables, hoses, and pipes, crimping pressure hoses, as well as installing road signs and urban infrastructure elements wherever high durability is required.

Additional information:

- high durability of the attachment in difficult environmental conditions such as: solar radiation, high and low temperatures, moisture, salt, and chemically aggressive industrial environments

Steel tape lock

ZTS...E

mat.: E4

symbol	catalogue number	qQuantity per package [pcs.]
ZTS9E	651309	100
ZTS12E	651312	100
ZTS15E	651315	100
ZTS19E	651319	100



Use:

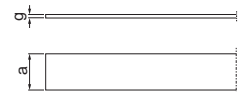
For clamping steel strapping TS...E.

Coated steel tape

TSP...E

mat.: E4

symbol	catalogue number	dimension a [mm]	dimension g [mm]	qQuantity per package [m]
TSP9E	642309	9.5	1.22	25
TSP12E	642312	12.7	1.22	25
TSP15E	642315	15.88	1.22	25
TSP19E	642319	19.05	1.22	25



Use:

Attaching plastic clamps to rungs and profiles.

Securing cables, hoses, and pipes, crimping pressure hoses, as well as installing road signs and urban infrastructure elements wherever high durability is required.

Additional information:

- high durability of the attachment in difficult environmental conditions such as: solar radiation, high and low temperatures, moisture, salt, and chemically aggressive industrial environments
- tape with a PLASCOAT PPA 571 thermoplastic powder coating

Coated steel tape lock

ZTSP...E

mat.: E4

symbol	catalogue number	qQuantity per package [pcs.]
ZTSP9E	652309	100
ZTSP12E	652312	100
ZTSP15E	652315	100
ZTSP19E	652319	100



Use:

for clamping TSP...E coated steel tape

[English]: Ręczne urządzenie zaciskowe do taśm i zamków

UZT

symbol	catalogue number	qQuantity per package [pcs.]
UZT	652320	1



Use:

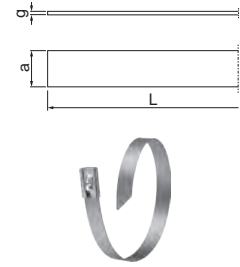
Tensioning and cutting steel tape 6.35-19.05 mm wide.

Additional information:

- the tool is used in stainless steel systems for attaching traffic lights and signs to structures, cables, ventilation ducts, road signs and signs, traffic lights and signs to structures, cable ladders, masts, and poles

Full information is available in the main BAKS catalogue and on the website www.baks.com.pl/en/

Cable tie		OSK...E		mat.: E2			qQuantity per package [pcs.]	N
symbol	catalogue number	dimension a [mm]	dimension g [mm]	dimension L [mm]	tensile strength [N]			
OSK200x4,6E	764420	4.6	0.35	200	450	25		
OSK260x4,6E	764426	4.6	0.35	260	450	25		
OSK360x4,6E	764436	4.6	0.35	360	450	25		
OSK680x4,6E	764468	4.6	0.35	680	450	25		
OSK260x7,9E	764726	7.9	0.35	260	800	100		
OSK520x7,9E	764752	7.9	0.35	520	800	100		
OSK620x7,9E	764768	7.9	0.35	620	800	100		



Coated cable tie		OSKP...E		mat.: E4, PE			qQuantity per package [pcs.]	N
symbol	catalogue number	dimension a [mm]	dimension g [mm]	dimension L [mm]	tensile strength [N]			
OSKP200x4,6E	745420	4.6	0.35	200	450	100		
OSKP260x4,6E	745426	4.6	0.35	260	450	100		
OSKP360x4,6E	745436	4.6	0.35	360	450	100		
OSKP520x4,6E	745468	4.6	0.35	520	450	100		
OSKP290x7,9E	745726	7.9	0.35	290	800	100		
OSKP520x7,9E	745752	7.9	0.35	520	800	100		
OSKP680x7,9E	745768	7.9	0.35	680	800	100		



Use:
Attaching plastic clamps to rungs and profiles.
Securing cables, hoses, and pipes.

Additional information:

- high durability of the attachment in difficult environmental conditions such as: solar radiation, high and low temperatures, moisture, salt, and chemically aggressive industrial environments

Cable tie gun		POK		qQuantity per package [pcs.]	N
symbol	catalogue number	dimension a [mm]	dimension g [mm]		
POK	745769			1	

Use:
Tightening steel ties. Shortening already installed stainless steel clamps of 4.8-7.9 mm width to the appropriate diameter.

Additional information:

- allows you to adjust the tension of the tie using the screw on the bottom of the handle
- guaranteed for 5,000 full tie tensioning cycles, including cutting



SYSTEMS E30, E60, E90 ACCORDING TO DIN 4102-12



Important information

The Regulation of the Minister of Infrastructure of April 12, 2002, on the technical requirements for buildings and their location (Journal of Laws 2002, No. 75, item 690), as amended on March 12, 2009, states in §187, point 3: „Electric and fiber optic cables and wires, together with their mountings, hereinafter referred to as cable assemblies, used in power supply and control systems for fire protection devices, should ensure the continuity of electricity supply or signal transmission for the time required for the device to be activated and operated.” In Poland, there are no detailed guidelines/standards that regulate the requirements that products must meet, nor are there regulations on how to conduct tests or on the entities authorized to perform them..

The only standard widely used in Europe (including Poland) that regulates this issue in detail is the German Standard DIN 4102:12.

The regulation of the Minister of Infrastructure requires that electrical devices that save lives during a fire (emergency lighting, voice alarm systems, fans, elevators, sprinkler pumps, ventilation flaps, etc.) be provided with an uninterrupted supply of electricity or signal transmission for a required period of no less than 30, 60, or 90 minutes, which is intended to enable the safe evacuation of people from a burning structure.

The construction industry has adopted the abbreviated name „E90” for this type of system, tested in accordance with DIN 4102:12. It was developed by German institutes as a result of many years of experience and research into maintaining the current-carrying function of electrical installations during a fire. The basic assumption of this standard is to test wires and cables, along with their mountings, to verify whether such a system will provide electrical current to life-saving devices in a fire.

BAKS has conducted over two hundred and forty tests of its products with the following cable manufacturers: Bitner, Dätwyler, Elkond, Erse, Eupen, Studer Cables, NKT, Prakab, Technokabel, and TELE-FONIKA Kable, VLG. All tests were conducted at six accredited institutes: Efectis ERA in Turkey, MPA Braunschweig, MPA Erwitte, DMT Dortmund, FIRES Slovakia, and ITB Warsaw, which was confirmed by certificates.

The
Józef Tuliszkowski Scientific and Research Centre for Fire
Protection
National Research Institute
ul. Nadwiślańska 213, 05-420 Józefów near Otwock,
tel. +48 22 7693 300; fax +48 22 7693 356
www.cnbop.pl e-mail: cnbop@cnbop.pl



Series: NATIONAL TECHNICAL ASSESSMENTS

CNBOP-PIB NATIONAL TECHNICAL ASSESSMENT CNBOP-PIB-KOT-2023/0371-3703 issue 2

This CNBOP-PIB National Technical Assessment replaces
CNBOP-PIB National Technical Assessment No CNBOP-PIB-KOT-2023/0371-3703 Issue 1
Pursuant to the Regulation of the Minister of Infrastructure and Construction of 17 November 2016 on
national technical assessments (Dz. U. 2016, item 1968) as a result of the proceedings to issue a National
Technical Assessment carried out in the Scientific and Research Centre for Fire Protection - National
Research Institute (CNBOP-PIB) in Józefów near Otwock at the request of the company:

BAKS Wytwarzanie Osprzętu Instalacyjno – Elektrotechnicznego
Kazimierz Sielski
ul. Jagodne 5
05-480 Karczew

we hereby issue a positive assessment of the performance for the intended use of the construction product
under the name:

BAKS cable systems
(cable support structures with electric conductors and cables) in
the circuit integrity maintenance class E30, E60, E90 according to
DIN 4102-12

Manufacturer of support structures: **BAKS**

Manufacturers of conductors and cables: **BITNER, DÄTWYLER, ELKOND, EUPEN,
NEXANS, FACAB LYNEN, PRAKAB, LEONI
STUDER, TECHNOKABEL, TELE-FONIKA KABLE,
MADEX, KABLOTEK, ELPAR, NKT, ERSE, VLG**

with the purpose, scope, conditions and terms specified in the Annex, which is an integral
part of this CNBOP-PIB National Technical Assessment.

Validity date
from 22 February 2023
to 02 January 2028

Deputy Director
for certification and approvals

Sr. brig. dr inż. Jacek Zboina

Annex
General and technical provisions

Józefów, 22 February 2023

CNBOP-PIB National Technical Assessment No CNBOP-PIB-KOT-2023/0371-3703 1. Issue 2 contains 110
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Issue 2, issued in printed form and may only be used for information purposes and without any alterations

Józef Tuliszkowski Scientific and Research Centre for
Fire Protection
National Research Institute
ul. Nadwiślańska 213, 05-420 Józefów near Otwock
tel. +48 22 7693 300; fax +48 22 7693 356
www.cnbop.pl e-mail: cnbop@cnbop.pl



Series: NATIONAL TECHNICAL ASSESSMENTS

CNBOP-PIB NATIONAL TECHNICAL ASSESSMENT CNBOP-PIB-KOT-2023/0381-3704 Revision 1

According to the Regulation of the Minister of Infrastructure and Construction of 17
November 2016 concerning national technical assessments (Journal of Laws 2016, item
1968) as a result of the procedure for the issuance of the National Technical Assessment
carried out at the Scientific and Research Centre for Fire Protection - National Research
Institute in Józefów near Otwock at the request of the company:

BAKS Wytwarzanie Osprzętu Instalacyjno – Elektrotechnicznego
Kazimierz Sielski
ul. Jagodne 5
05-480 Karczew

the performance in terms of the intended use of the following construction product has been
assessed positively:

BAKS fire protection installation boxes
PMPO, PMKO, PMO types with electrical integrity maintenance in classes E30,
E60 and E90 (according to DIN 4102-12:1998)

produced by: **BAKS Wytwarzanie Osprzętu Instalacyjno** -
Elektrotechnicznego Kazimierz Sielski
ul. Jagodne 5
05-480 Karczew

with the intended use, scope, conditions and rules specified in the annex, which is an integral
part of this CNBOP-PIB National Technical Assessment.

Valid:
from 25 May 2023
to 24 May 2028.

Deputy Director for Certification
and Approvals

Annex
General and Technical Stipulations
Józefów, 25 May 2023

st. bryg. dr hab. inż. Jacek Zboina

The CNBOP-PIB National Technical Assessment No. CNBOP-PIB-KOT-2023/0381-3704 Revision 1 contains 39
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1, issued in printed form and can only be used for information purposes and without any changes.

For more information, please contact BAKS technical support:

Tomasz Żukowskie-mail: tomasz.zukowski@baks.com.pl tel. 669 501 214



NATIONAL DECLARATION OF
PERFORMANCE

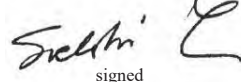
No. 01/2023



1. Trade name of the construction product: BAKS cable assemblies (cable supporting structures including electrical conductors and cables) with electrical function support class E30, E60, E90 according to DIN 4102-12:1998-11
2. Designation type of the construction product : Support structures maintaining E30,E60,E90 electrical functions, see product label.
3. Intended use: the elements included in **Table 1** of the National Technical Assessment CNBOP-PIB- KOT-2023/0371-3703 issue 2 from 22.02.2023 of BAKS company, are used as supporting elements of cable routes classified to the fire resistance class "E30,E60 and E90" according to DIN 4102-12:1998-11. On the above elements, you can lay electrical, teletechnical and fiber optic cables only with the maintenance class of the function E30, E60, E90, PH 90 and P 90 intended for transmitting signals and powering fire protection devices of the facility.
4. Manufacturer: „BAKS” Wytwarzanie osprzętu instalacyjno-elektrotechnicznego Kazimierz Sielski ul. Jagodne 5, 05-480 Karczew
5. Not applicable
6. National system used to assess and verify the constancy of performance:
System 1+
7. National technical specification: National Certificate of Constancy of Performance No. 063-UWB-0547. National Technical Assessment CNBOP-PIB-KOT-2023/0371-3703 issue 2 of 22/02/2023. Notified Laboratory: Scientific and Research Center for Fire Protection Józef Tuliszkowski, National Research Institute ul. Nadwiślańska 213, 05-420 Józefów, near Otwock no. AC accreditation 063
8. Declared performance: Cable support elements provide fire resistance class of E-30,E-60, E-90
9. The performance characteristics of the product specified above shall be in compliance with all declared performance characteristics listed in point 8. This national declaration of performance is issued in accordance with the Act of 16.04.2004 on construction products, under the sole responsibility of the manufacturer.

Karczew 28.06.2023

Kazimierz Sielski



signed

The opinion allows for the installation of non-fire rated cables on standard BAKS E90 routes. It can be used when:

- the cable route is covered by one of the standard construction opinions (in accordance with DIN 4102-12)
- all cables are VDE certified
- E30-E90 cables will be separated from standard cables by a partition
- there is no physical possibility of running two separate cable routes (e.g., wall penetrations, narrow shafts)



Materialprüfanstalt für das Bauwesen - Beethovenstr. 52 - D-38106 Braunschweig

BAKS Kazimierz Sielski
ul. Jagodne 5
05-480 Karczew
Polen

Letter

11010/2024

Our Ref.: MPABS-2401372 - CM
Customer ID: 17087.003
Engineer/Official in charge: Christian Maertins
Department: BS
Contact: +495313918265
C.Maertins@ibmb.tu-bs.de

Your ref.: tomasz.zukowski@baks.com.pl
Your letter of: 17/06/2024

Date: 05/07/2024

Assessment of the reaction to fire of cable systems from BAKS Kazimierz Sielski, KARCZEW, under exposure to fire along the standard temperature-time curve in accordance with DIN 4102-2 : 1977-09 with regard to the mixed installation of cables for cable systems with integrated functional integrity and cables for general power supply

Dear Sir/Madam,

With letter of 17/06/2024, BAKS Kazimierz Sielski, Karczew, placed the order for the preparation of an expert opinion on the reaction to fire of cables systems from BAKS Kazimierz Sielski, KARCZEW, under exposure to fire along the standard temperature-time curve in accordance with DIN 4102-2 : 1977-09 with regard to the mixed installation of cables for cable systems with integrated functional integrity together with cables for general power supply.

1 Documentation and basis for the expert opinion

The fire-safety-related assessment is prepared for the construction to be assessed on the basis of the following documents:

- [1] DIN 4102-2 : 1977-09, Fire behaviour of building materials and building components : Building Components;
- [2] Diverse test certificates and test reports on the fire testing of cable systems with integrated functional integrity in accordance with DIN 4102-12 : 1998-11, from MPA Braunschweig;

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Notified body (0761-CPR) -
Approved as a civil engineering testing
and certifying body as well as notified as a
civil engineering testing and certifying
body.



NEWS IN SYSTEM E30, E60, E90 ACCORDING TO DIN 4102-12

The opinions allow the use of E90 cables from any manufacturer on standard BAKS E90 routes.

To obtain the opinions below, BAKS conducted a series of tests on cable assemblies in accordance with the DIN4102-12 standard at the German MPA Braunschweig institute. According to these opinions, E30-E90 cables and wires from any manufacturer with a VDE certificate can be installed on standard cable routes (compliant with the DIN4102-12 standard).

iBMB MPA TU BRAUNSCHWEIG
 Institut für Bautechnik
 Ministerialauftrag
 Ministerium für Wissenschaft und Kultur

Gutachterliche Stellungnahme

Dokumentnummer: (2402/018/23) – CM vom 13.12.2023

Auftraggeber: BAKS Kazimierz Sielski
 Ul. Jagodne 5
 05-480 KARCZEW
 POLEN

Auftrag vom: 23.05.2023

Auftragszeichen: tomasz.zukowski@baks.com.pl

Auftragsingang: 23.05.2023

Inhalt des Auftrags: Beurteilung von Kabeltragekonstruktionen der BAKS Kazimierz Sielski, KARCZEW, hinsichtlich der Bewertung als „Normtragekonstruktion“ gemäß DIN 4102-12 : 1998-11 („Kabelsysteme mit Kabelleitern“)

Diese gutachterliche Stellungnahme umfasst 8 Seiten inkl. Deckblatt und 13 Anlagen.

Diese Gutachterliche Stellungnahme wurde erstmals als Gutachterliche Stellungnahme Nr. (2400/738/16-1) – CM vom 16.08.2018 ausgestellt.

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Gutachterliche Stellungnahme

Dokumentnummer: (2402/018/23) – CM vom 13.12.2023

Auftraggeber: BAKS Kazimierz Sielski
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 POLEN

Auftrag vom: 23.05.2023

Auftragszeichen: tomasz.zukowski@baks.com.pl

Auftragsingang: 23.05.2023

Inhalt des Auftrags: Beurteilung von Kabeltragekonstruktionen der BAKS Kazimierz Sielski, KARCZEW, hinsichtlich der Bewertung als „Normtragekonstruktion“ gemäß DIN 4102-12 : 1998-11 („Kabelsysteme mit Kabelleitern“)

Diese gutachterliche Stellungnahme umfasst 8 Seiten inkl. Deckblatt und 13 Anlagen.

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Gutachterliche Stellungnahme

Dokumentnummer: (2402/019/23) – CM vom 13.12.2023

Auftraggeber: BAKS Kazimierz Sielski
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Auftrag vom: 24.05.2023

Auftragszeichen: Hr. Zukowski [tomasz.zukowski@baks.com.pl]

Auftragsingang: 24.05.2023

Inhalt des Auftrags: Beurteilung von Kabeltragekonstruktionen der BAKS Kazimierz Sielski, KARCZEW, hinsichtlich der Bewertung als „Normtragekonstruktion“ gemäß DIN 4102-12 : 1998-11 („Kabelsysteme mit Kabelschellen“)

Diese gutachterliche Stellungnahme umfasst 7 Seiten inkl. Deckblatt und 7 Anlagen.

Diese Gutachterliche Stellungnahme wurde erstmals als Gutachterliche Stellungnahme Nr. (2400/738/16-3) – CM vom 16.08.2018 ausgestellt.

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Gutachterliche Stellungnahme

Dokumentnummer: (2400/738/16-4) – CM vom 11.07.2022

Auftraggeber: BAKS Kazimierz Sielski
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Auftrag vom: 14.06.2022

Auftragszeichen: Hr. Zukowski [tomasz.zukowski@baks.com.pl]

Auftragsingang: 14.06.2022

Inhalt des Auftrags: Beurteilung von Kabeltragekonstruktionen der BAKS Kazimierz Sielski, KARCZEW, hinsichtlich der Bewertung als „Normtragekonstruktion“ gemäß DIN 4102-12 : 1998-11 („Kabelsysteme als Stiegleitassen“)

Diese gutachterliche Stellungnahme umfasst 10 Seiten inkl. Deckblatt und 12 Anlagen.

Diese gutachterliche Stellungnahme (2400/738/16-4) – CM wurde erstmals am 16.03.2016 ausgestellt.

Dieses Schreiben ersetzt die gutachterliche Stellungnahme (2400/738/16-4) – CM vom 16.08.2018.

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In 2026, BAKS plans to begin another series of tests aimed at increasing the number of standard (DIN4102-12 compliant) support structures and adding new elements.



Reports are issued for all cable assembly tests compliant with the DIN4102-12 standard. Based on the reports, BAKS applies for a certificate. For the German market, the certificate is the so-called abP. It is issued only by authorized German institutes.



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TÜV NORD GROUP

Allgemeines bauaufsichtliches Prüfzeugnis

Prüfzeugnisnummer	P-1035 DMT DO
Antragsteller	BAKS Kazimierz Sielski ul. Jagodne 5 05-480 KARCEW POLAND
Gegenstand	Bauarten zur Herstellung von elektrischen Kabelanlagen, an die Anforderungen hinsichtlich des Funktionserhalts unter Brandeinwirkung gestellt werden der Funktionserhaltklassen „E30“, „E60“ und „E90“ nach DIN 4102-12:1998-11 gemäß MVV-TB bzw. VV TB Bln Ziffer C 4.9, mit deren Produktbezeichnung(en): Tragsysteme der Firma BAKS Kazimierz Sielski, mit Kabeln der LEDW Studer AG
Ausstellungsdatum	28.12.2020
Gültigkeitsdauer (in)	28.12.2025

Aufgrund dieses allgemeinen bauaufsichtlichen Prüfzeugnisses ist der oben genannte Gegenstand im Sinne der Landesbauordnung des jeweiligen Bundeslandes anwendbar.
Dieses allgemeine bauaufsichtliche Prüfzeugnis umfasst 36 Seiten inklusive Deckblatt sowie 56 Anlagen. Jede Seite dieses allgemeinen bauaufsichtlichen Prüfzeugnisses ist mit dem Stempel der DMT GmbH & Co. KG, Dortmund versehen. Dokumente ohne Unterschrift und Stempel haben keine Gültigkeit.



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**Verlängerungsbescheid zum
allgemeinen bauaufsichtlichen Prüfzeugnis**

Prüfzeugnisnummer	P-1022 DMT DO
Antragsteller	BAKS Kazimierz Sielski ul. Jagodne 5 PL 05-480 KARCEW POLEN
Gegenstand	Bauarten zur Herstellung von elektrischen Kabelanlagen, an die Anforderungen hinsichtlich des Funktionserhalts unter Brandeinwirkung gestellt werden der Funktionserhaltklassen „E30“, „E60“ und „E90“ nach DIN 4102-12:1998-11 gemäß VV TB NRW Ausgabe Juni 2018 Nr. C 4.9, mit deren Produktbezeichnung(en): Kabel des Herstellers Dätwyler IT Intra AG, CH-6460 Altdorf sowie Kabel des Herstellers Studer Cables AG, CH-4658 Dälliken auf Tragsystemen des Herstellers BAKS Kazimierz Sielski, ul. Jagodne 5, PL-05-480, Kraczew
Ausstellungsdatum	16.05.2022
Gültigkeitsdauer (in)	16.05.2027

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INSTITUT FÜR BAUSYSTEME UND PRÜFUNG

Allgemeines bauaufsichtliches Prüfzeugnis

Prüfzeugnis Nummer: P-MPA-BS-240054

Gegenstand: Kabelanlagen mit integriertem Funktionserhalt der Funktionserhaltklasse E 30 bzw. E 60 bzw. E 90 nach DIN 4102-12:1998-11
entspr. Ifd. Nr. C 4.9 Verwaltungsvorschrift Technische Baubestimmungen (VV TB) Teil C4 – Fassung Februar 2025
Bauarten zur Herstellung von elektrischen Kabelanlagen, an die Anforderungen hinsichtlich des Funktionserhalts unter Brandeinwirkung gestellt werden

Antragsteller: BAKS Kazimierz Sielski
ul. Jagodne 5
05-480 Karcew
Polen

Ausstellungsdatum: 08.04.2025

Geltungsdauer: 08.04.2025 bis 07.04.2030


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Kontakt für Prüfung und Zertifizierung



Niedersachsen



FIRES
The Experts On Fire Safety

**FUNCTION IN FIRE EXPERT JUDGEMENT REPORT WITH CLASSIFICATION
FIRES-JR-096-21-NURE**

**Cable supporting system BAKS with halogen-free power and communication
cables of TELE-FONIKA Kable**

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FIRES 09652.1901/2021-E-ef www.fires.sk

BAKS currently holds three abP certificates. They are issued for selected BAKS cable assemblies with Datwyler and Studer cables. The issuance of an abP certificate with EUPEN and Telefonika is planned for 2026. Simultaneously, research is being conducted to expand the scope of approvals for existing certificates.

E30, E60, E90 maintenance system

Currently, great emphasis is placed on the safety of people in public buildings. Therefore, the reliability of safety systems is crucial. In order to meet safety requirements in this area, BAKS conducted tests on various types of ladders and cable trays in accordance with DIN 4102 Part 12.

The basic assumption of the DIN 4102:12 standard is the practical verification of cables and their mounting system, known as „cable assemblies,“ to ensure that they will deliver signals and electrical power to receivers at the required temperature and for the specified duration. For this purpose, a test of the cable route system, including the cables, must be performed to ensure that electrical receivers will have an uninterrupted power supply during a fire.

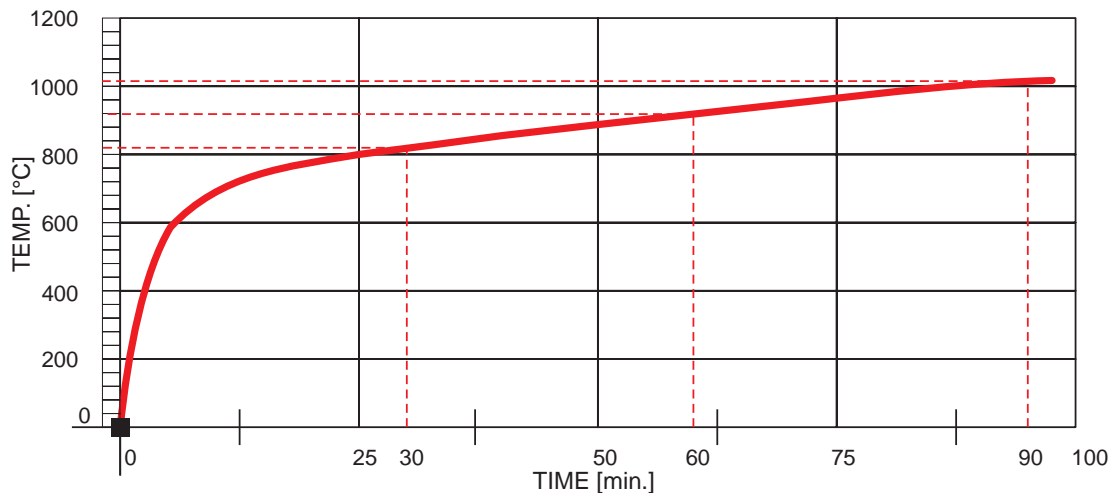
Maintaining the operation of an electrical installation is understood as the continuous supply of electricity to a building during a fire. However, this does not apply to the entire electrical network within the building, but only to specific circuits essential for the safety of people in buildings. Typical examples include emergency lighting circuits, voice alarm systems (VAS), and ventilation systems in hotels, hospitals, and public buildings.

The above standard applies to voltages up to 1 kV and applies to building interiors. Maintaining the function is generally classified into two groups, namely E30 and E90. Although the DIN standard also includes group E60, it is rarely used.

E30 indicates at least 30 minutes of signal or power continuity for building equipment. This rating applies to fire alarm devices, fire alarms, and emergency lighting in buildings with sprinkler systems.

E90 indicates at least 90 minutes of signal or power continuity for building devices. It is intended for ventilation devices in stairwells and emergency exits, elevator shafts, fire extinguishing water pressure boosting, and smoke and exhaust ventilation devices.







BAKS conducted multiple tests at accredited testing facilities in Germany and Slovakia. These tests were performed on aerated concrete and C20/C25 concrete ceilings. The basis for testing, conducted according to DIN 4102:12, is the installation of the test products in a furnace, consistent with practice. The test is performed according to an internationally agreed temperature-time curve.



Cable support systems offered by BAKS meet the requirements of DIN 4102, Part 12. For example, cable ladders can be suspended from the ceiling, cable trays mounted on the wall, and fire-resistant cables mounted horizontally from the ceiling or vertically attached to walls using individual clamps or ladders. Various versions are available for all systems. This allows the installer to select the right system for most construction situations.

BAKS issues a Certificate of Conformity after checking the completed electrical installation

Number of E-30, E60, E90 tests carried out with cable manufacturers on BAKS cable routes

Cable manufacturer	number of tests	Cable manufacturer	number of studies
 Zakłady Kablowe BITNER Sp. z o.o. ul Krakowska 2 32-353 Trzyciąż	32	 Datwyler Kabel-Systeme Reprezentant w Polsce Dariusz Czarnecki ul. Poniatowskiego 9a 05-870 Błonie	22
 Oravická 1228 Trstená 028 01 Slovenská republika	5	 Fabryka kabli ELPAR SP z o.o. ul.Laskowska 1, 21-200 Parczew	3
 Halil Rifat Paşa Mh. Yüzer Havuz Sk. No: 5-9 Şişli / İstanbul - TURKEY	11	 KABELWERK Eupen AG Malmedyer Strasse 9 4700 Eupen (Belgia)	20
 nkt cables S.A. ul. Gajowa 3 43-254 Warszowice	3	 PRAKAB Ke Kablu 278 102 09 Praha - Hostivař, Česká Republika	2
 Studer Cables AG Herrenmattstr. 20 4658 Däniken	21	 TECHNOKABEL S.A. ul. Nasielska 55 04-343 Warszawa	57
 TELE-FONIKA Kable S.A. ul. Hipolita Cegielskiego 1 32-400 Myślenice	50		3

BAKS conducts an average of 10 to 12 tests of cable assemblies per year in accordance with the DIN4102-12 standard. Since 2004, over 240 tests have been conducted at accredited testing facilities:

- FIRES - 153 studies
- MPA Erwitte - 17 studies
- MPA Braunschweig - 20 studies
- DMT Dortmund - 47 studies
- Efectis - 9 studies.

The result of this research is over 80 tested support structures that can be used with over twenty types of cable trays and ladders, including most cables used on the Polish and international markets. This gives several thousand combinations (trough/ladder + support structure + cable).

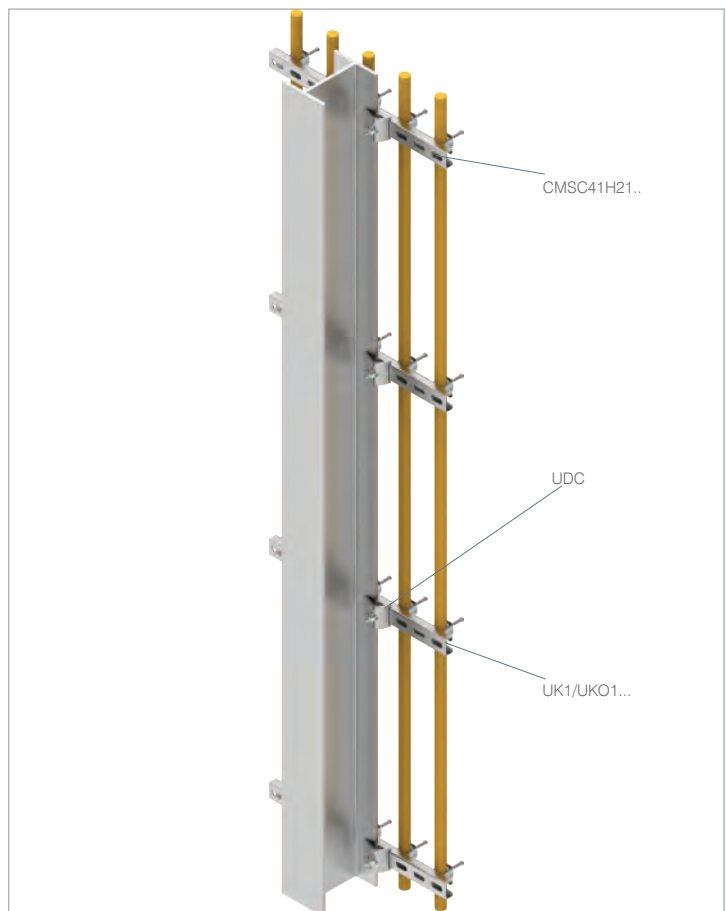
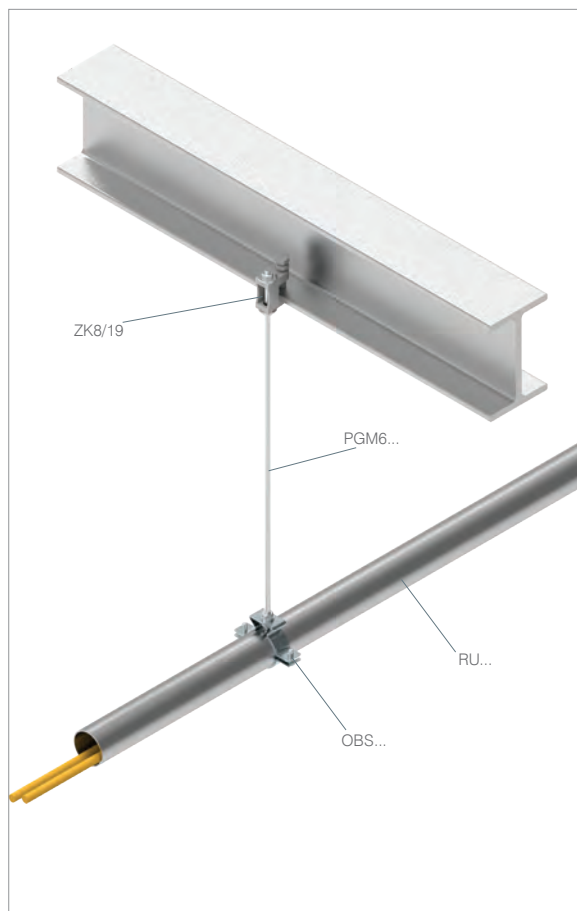
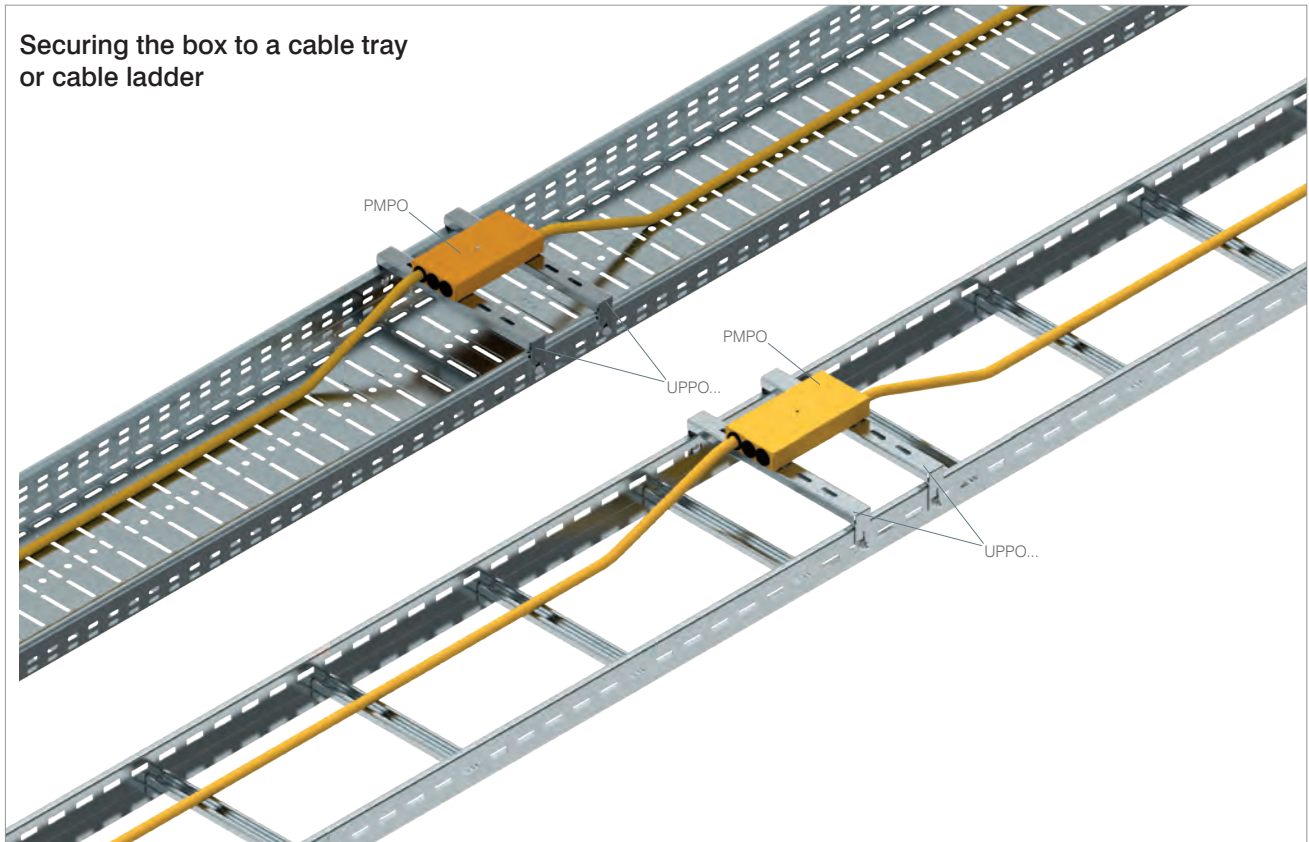
BAKS is committed to development. Along with research aimed at increasing the number of possible cable assembly combinations, BAKS is introducing new designs aimed at simplifying and reducing the costs of fire safety system cabling. Currently, BAKS is researching:

- structures based on steel cables, allowing for a significant increase in the spacing between fasteners (up to 4 m)
- universal methods are being developed for attaching junction boxes to ducts and ladders in fire safety systems
- structures dedicated to tunnels based on adjustable mounting bases, allowing for installation in almost any location within a circular tunnel
- structures dedicated to tunnels requiring minimal space.

At the same time, BAKS is conducting research with companies specializing in fastening technology, which allows for the installation of E30-E90 cable assemblies on a wider range of substrates.

New structures in the system

Securing the box to a cable tray or cable ladder



Suspending the cable to the wire rope

- Wire rope attachment at maximum intervals of 4 m
- Cable attachment at maximum intervals of 0.6 m

