

IFTODE UNIVERSAL
shop technic

KLIMAS
FASTENER TECHNOLOGIES

2022 PRODUCTS CATALOG



STRONG FOR GENERATIONS

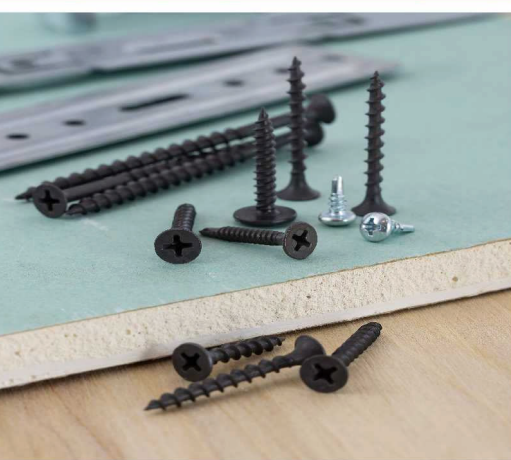
Wkręt-met®
KLIMAS



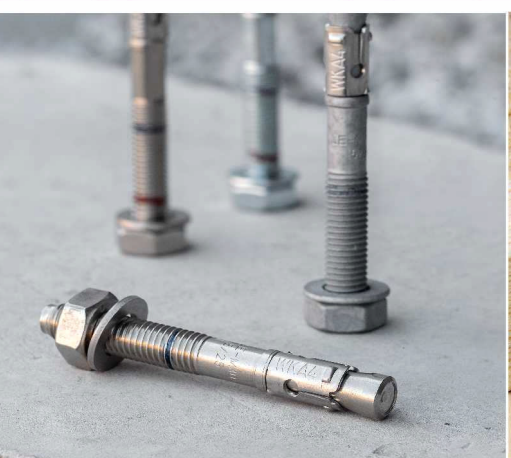
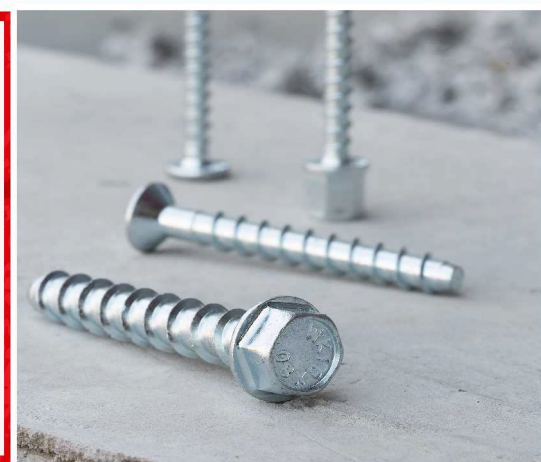
Wkret-met[®]
ROMÂNIA

Iftode Universal
shop tehnic
centru logistic, distribuție, afacere la cheie
STRONG FOR GENERATIONS
KLIMAS
FASTENER TECHNOLOGIES





**POWER
DEALS**
100% cel mai
bun preț!



Wkręt-met[®]
ROMÂNIA

centru logistic

**IFTODE
UNIVERSAL**



rețea comercială în expansiune

30 ani experiență în România

“the ultimate business
with fasteners technology”

- ✓ distribuție
- ✓ shop
- ✓ franciza
- ✓ joint venture



0743 076 082



PRODUCTION PROCESS OF STEEL PRODUCTS:

- Top-quality raw-material from European steelworks.
- Various steel grades.
- Own R&D department.
- Extensive machine park.
- Hardening (heat treatment).
- Application of protective coats.
- Possibility of painting heads and washers to RAL colours.
- Quality control at each production stage.
- Polish and European technical assessments.

WE PRODUCE

30 000 000 pcs. of SCREWS DAILY



Production plant no. 1 - total area of 20,000 m²



OWN PRODUCTION OF FASTENER TECHNOLOGIES

PRODUCTS DEVELOPED BY R&D
WIDE RANGE OF SIZES
TOP QUALITY

MORE THAN

400

MODERN MACHINES



- Highest quality production materials.
- Appropriate flexibility is guaranteed by conditioning of polyamide products.
- Own production using the highest quality hybrid injection moulding machines with robots.
- Automatic packing process: from carton/blister to pallet wrapping.

WE PRODUCE

9 000 000

pcs. of PLASTIC FASTENERS DAILY



Production plant no. 2 and central warehouse - total area of 30,000 m²



Fully-automated process of production of plastic fasteners



OWN PRODUCTION OF FASTENER TECHNOLOGIES

PRODUCTS DEVELOPED BY R&D
WIDE RANGE OF SIZES
TOP QUALITY

MORE THAN

120

STATE-OF-THE-ART INJECTION MOULDING MACHINES



PROCESS OF SCREW HARDENING:

- Advanced machine park including 7 hardening furnaces.
- 2 modern furnaces for hardening of screws over 200 mm long while keeping high quality of parameters – no curvature.
- Automated hardening line – high capacity.

WE HARDEN

21 000 000 pcs. of SCREWS
DAILY





CUSTOM COATING



White Zinc

Zinc coating guarantee of quality and high level of anti-corrosion protection.



Yellow Zinc

Zinc coating guarantee of quality and high level of anti-corrosion protection.



SQ Ceramic

Very high level of anti-corrosion protection (several times higher than the traditional galvanization).

Advanced machine park: **ZN yellow without CR6+.**

Advanced processing line for SQ Ceramic coating.

Automatic passivation and top coat line.

State-of-the-art robots and baths for sealing of coating.



ADVANCED PROCESSING LINE – HARDENING PLANT AND GALVANIZING LINE DEPARTMENT

PRECISION
HIGH QUALITY
HIGH PRODUCTION CAPACITY

HARDENING FURNACES

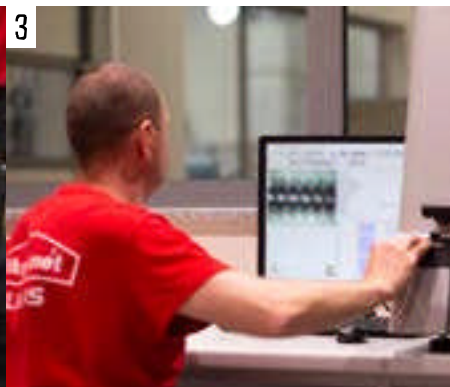


1

1. Hardness and micro Vickers hardness testing. | 2. Assembly and load-resistance tests for all substrate categories according to ETA3. | 3. Testing thickness of corrosion protection plating using X-ray fluorescence spectroscopy tester - Fischerscope X-RAY XDL. Analysis of chemical composition of alloy steels. | 4. Preparation of metallographic micro-sections - metallographic tests. | 5. Preparation of metallographic micro-sections - metallographic tests. | 6. Torque value testing | 7. Determination of tensile strength for wire and finished goods. | 8. Metallographic tests - control of thermal and chemical treatment process, hardness, structure. | 9. Testing of corrosion resistance in salt spray/cyclic chamber. | 10. Accelerated ageing of paint coats in UV chamber. | 11. Testing of loading resistance of fasteners - characteristic pull-out strength.



2



3



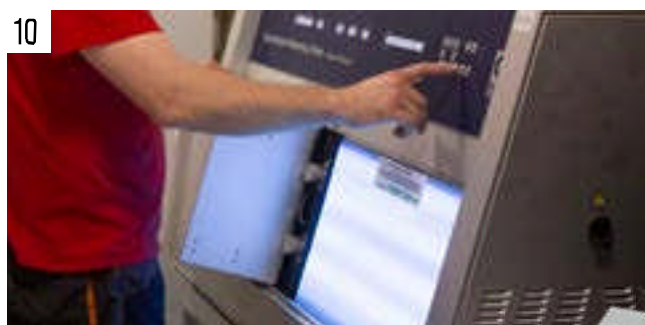
4



5



6



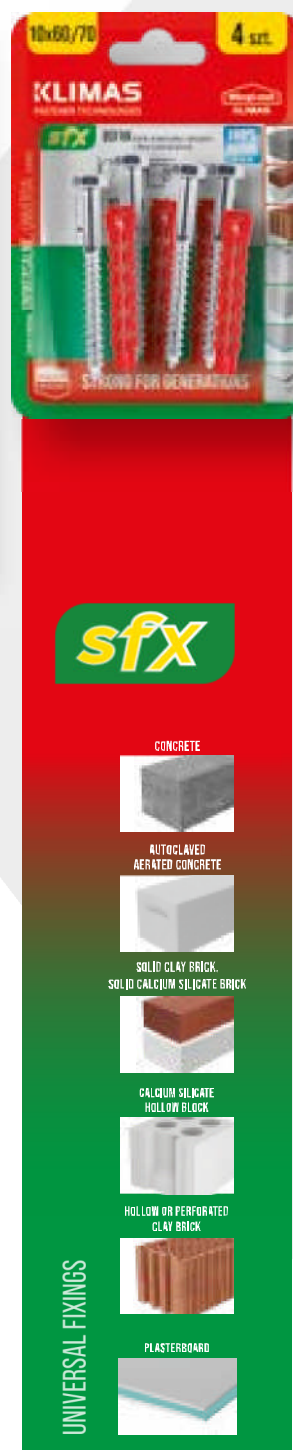
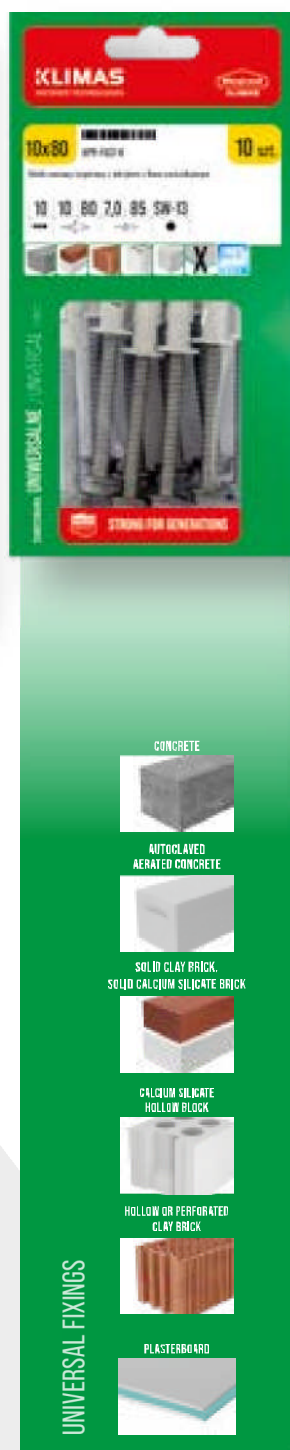
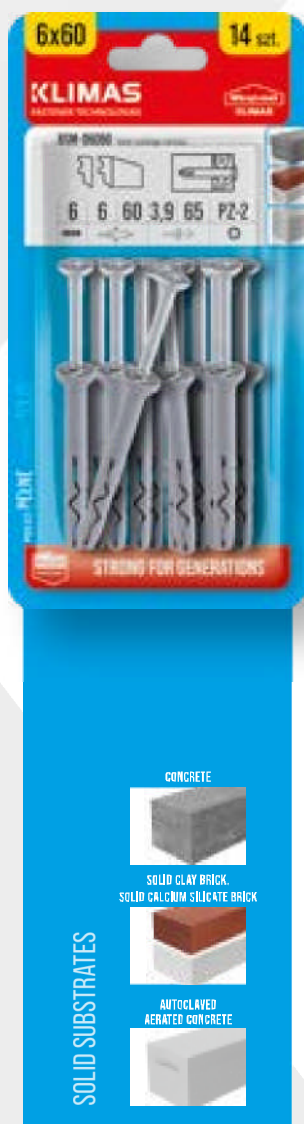
APPROVALS
CERTIFICATES
AWARDS



20

EUROPEAN APPROVALS

NEW BRAND COMMUNICATION WITH THE CUSTOMER



KLIMAS

FASTENER TECHNOLOGIES



SANITARY FIXINGS

CONCRETE

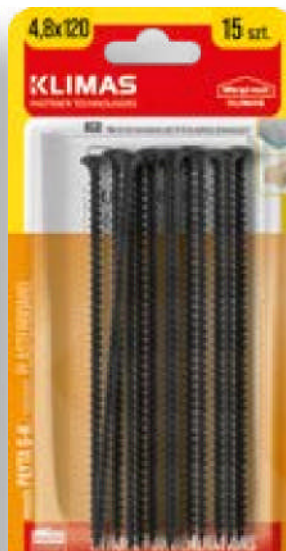


SOLID CLAY BRICK,
SOLID CALCIUM SILICATE BRICK



DRYWALL SUBSTRATES

PLASTERBOARD

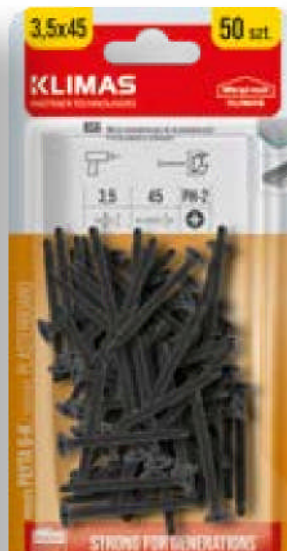


DRYWALL SUBSTRATES

PLASTERBOARD



WOOD



DRYWALL SUBSTRATES

PLASTERBOARD



PROFILED STEEL SHEET



STEEL SUBSTRATES

STEEL SUBSTRATE



SHEET



PROFILED SHEETS



STRONG FOR GENERATIONS

Legend



Screw-in fastener



Hammer-in fastener



Concrete



Solid wood



Profiled steel sheet



Solid clay brick, Solid calcium silicate brick



Glued wood



Profiled sheets



Hollow or perforated clay brick



Plywood



Autoclaved aerated concrete AAC2 - AAC7



Elements on LAC lightweight aggregate concrete



OSB board



Plasterboard



Calcium silicate hollow block



Steel substrate



Fiber-cement board



Polyamide (NYLON)



Yellow zinc



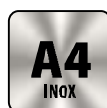
Anti Corrosion protection - Zinc flakes



Reaction to fire class A1



Polypropylene



A4 stainless steel



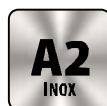
Phosphated



Fire resistance R90



Polyethylene



A2 stainless steel



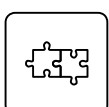
White zinc



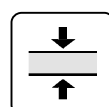
SQ Ceramic



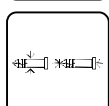
Dimensions [mm]



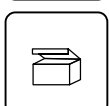
Compatible



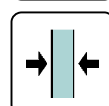
Sheet thickness [mm]



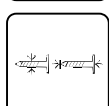
Plug dimension [mm]



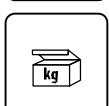
Box quantity



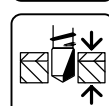
Plasterboard thickness [mm]



Screw dimension [mm]



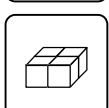
Box weight



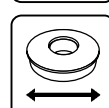
Drilling capacity [mm]



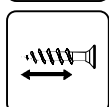
Capacity [ml]



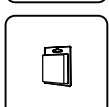
Number of pieces in a carton



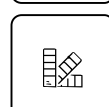
Washer diameter [mm]



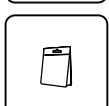
Thread lenght [mm]



Pieces per blister



Colour



Pieces per bag

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FIXPLUG

BREAKTHROUGH FOR THERMAL INSULATION COMPOSITE SYSTEMS

ELIMINATES INSTALLATION ERRORS

FIXPLUG telescopic design enables proper positioning of the expansion pin which ensures easy and failure-free installation. FIXPLUG fasteners come as a breakthrough for thermal insulation composite systems.



FAST, EASY AND RELIABLE FIXING

Telescopic design of FIXPLUG fastener guarantees its proper fixing in the substrate and flush fitting of the support collar with the insulation material used.



WASHER DESIGN

Large amount of pocket adhesives on the support collar increases the adhesiveness of the mortar.



FIBREGLASS REINFORCED PIN

Pins do not break during installation, even when heavily hammered. The large head of the pin makes installation easier



EUROPEAN TECHNICAL ASSESSMENT
ETA-15/0373

FASTENERS FOR FIXING WALL THERMAL INSULATION WITH PLASTIC PIN

LFN-10

Ø10

Hammer driven fastener with plastic pin and extended expansion zone



ETAG 014
BCE



Carton box



LFN10140(200)	10 x 140	200
LFN10160(200)	10 x 160	200
LFN10180(200)	10 x 180	200
LFN10200(200)	10 x 200	200
LFN10220(100)	10 x 220	100
LFN10260(100)	10 x 260	100
LFN10300(100)	10 x 300	100

Insulation material thickness t_{ix} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster**

Without cutter

	NO	YES	NO	YES
LFN10140(200)	60	80	40	60
LFN10160(200)	80	100	60	80
LFN10180(200)	100	120	80	100
LFN10200(200)	120	140	100	120
LFN10220(100)	140	160	120	140
LFN10260(100)	180	200	160	180
LFN10300(100)	220	240	200	220

** approximate thickness

ACCESSORIES - LFN-10

see more at page 29.

WK-FT - Plastic cutter for cutting holes
in polystyrene EPS

KS, KSG - Polystyrene disc



LTX-8

Ø8

Universal hammer driven fastener with plastic pin and short expansion zone



ETAG 014
ABCDE



Carton box



LTX08095(200)	8x95	200
LTX08115(200)	8x115	200
LTX08135(200)	8x135	200
LTX08155(200)	8x155	200
LTX08175(200)	8x175	200
LTX08195(200)	8x195	200

Insulation material thickness t_{ix} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster**

Without cutter

	NO	YES	NO	YES
LTX08095(200)	60/20*	80/40*	40/-*	60/20*
LTX08115(200)	80/40*	100/60*	60/20*	80/40*
LTX08135(200)	100/60*	120/80*	80/40*	100/60*
LTX08155(200)	120/80*	140/100*	100/60*	120/80*
LTX08175(200)	140/100*	160/120*	120/80*	140/100*
LTX08195(200)	160/120*	180/140*	140/100*	160/120*

*for substrate use category E (Autoclaved aerated concrete)

** approximate thickness

ACCESSORIES - LTX-8

see more at page 29.

WK-FT - Plastic cutter for cutting holes
in polystyrene EPS

KS, KSG - Polystyrene disc



LTX-10

Ø10

Universal hammer driven fastener with plastic pin and short expansion zone



FIXPLUG-8

Ø8

Hammer driven fastener with plastic pin and telescopic collar



Carton box



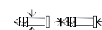
	10x70	200
LTX10070(200)	10x70	200
LTX10090(200)	10x90	200
LTX10110(200)	10x110	200
LTX10120(200)	10x120	200
LTX10140(200)	10x140	200
LTX10160(200)	10x160	200
LTX10180(200)	10x180	200
LTX10200(200)	10x200	200
LTX10220(100)	10x220	100
LTX10260(100)	10x260	100

Insulation material thickness t_{is} [mm]				
New buildings adhesive layer of 10 mm			Old buildings adhesive layer of 10 mm + 20 mm of old plaster ^{1,2,3}	
Without cutter				
	NO	YES	NO	YES
LTX10070(200)	30/10 ⁴	50/30 ⁴	10/- ⁴	30/10 ⁴
LTX10090(200)	50/30 ⁴	70/50 ⁴	30/10 ⁴	50/30 ⁴
LTX10110(200)	70/50 ⁴	90/70 ⁴	50/30 ⁴	70/50 ⁴
LTX10120(200)	80/60 ⁴	100/80 ⁴	60/40 ⁴	80/60 ⁴
LTX10140(200)	100/80 ⁴	120/100 ⁴	80/60 ⁴	100/80 ⁴
LTX10160(200)	120/100 ⁴	140/120 ⁴	100/80 ⁴	120/100 ⁴
LTX10180(200)	140/120 ⁴	160/140 ⁴	120/100 ⁴	140/120 ⁴
LTX10200(200)	160/140 ⁴	180/160 ⁴	140/120 ⁴	160/140 ⁴
LTX10220(100)	180/160 ⁴	200/180 ⁴	160/140 ⁴	180/160 ⁴
LTX10260(100)	220/200 ⁴	240/220 ⁴	200/180 ⁴	220/200 ⁴

*for substrate use category E (Autoclaved aerated concrete)

** approximate thickness

Carton box



	8,0 x 110	200
FIXPLUG08110(200)	8,0 x 110	200
FIXPLUG08130(200)	8,0 x 130	200
FIXPLUG08150(200)	8,0 x 150	200
FIXPLUG08170(200)	8,0 x 170	200
FIXPLUG08190(200)	8,0 x 190	200
FIXPLUG08210(100)	8,0 x 210	100

	Insulation material thickness t_{is} (mm)	
	New buildings adhesive layer of 10 mm	Old buildings adhesive layer of 10 mm + 20 mm of old plaster*
FIXPLUG08110(200)	60	40
FIXPLUG08130(200)	80	60
FIXPLUG08150(200)	100	80
FIXPLUG08170(200)	120	100
FIXPLUG08190(200)	140	120
FIXPLUG08210(100)	160	140

* approximate thickness

ACCESSORIES - LTX-10

see more at page 29.

WK-FT - Plastic cutter for cutting holes
in polystyrene EPS



KS, KSG - Polystyrene disc



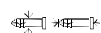
FIXPLUG-10

Ø10

Hammer driven fastener with plastic pin and telescopic collar



Carton box



FIXPLUG10120(200)	10 x 120	200
FIXPLUG10140(200)	10 x 140	200
FIXPLUG10160(200)	10 x 160	200
FIXPLUG10180(200)	10 x 180	200
FIXPLUG10200(200)	10 x 200	200
FIXPLUG10220(100)	10 x 220	100
FIXPLUG10260(100)	10 x 260	100

Insulation material thickness t_{is} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Kategoria użytkowa

	AB	CDE	AB	CDE
FIXPLUG10120(200)	80	60	60	40
FIXPLUG10140(200)	100	80	80	60
FIXPLUG10160(200)	120	100	100	80
FIXPLUG10180(200)	140	120	120	100
FIXPLUG10200(200)	160	140	140	120
FIXPLUG10220(100)	180	160	160	140
FIXPLUG10260(100)	220	200	200	180

* approximate thickness



FASTENERS FOR FIXING WALL THERMAL INSULATION WITH METAL PIN

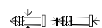
LMX-8

Ø8

Universal hammer driven fastener with metal pin and short expansion zone



Carton box



LMX08095(200)	8,0 x 95	200
LMX08115(200)	8,0 x 115	200
LMX08135(200)	8,0 x 135	200
LMX08155(200)	8,0 x 155	200
LMX08175(200)	8,0 x 175	200
LMX08195(200)	8,0 x 195	200

Insulation material thickness t_{si} (mm)

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster**

Without cutter

NO YES NO YES

LMX08095(200)	60/20*	80/40*	40/-*	60/20*
LMX08115(200)	80/40*	100/60*	60/20*	80/40*
LMX08135(200)	100/60*	120/80*	80/40*	100/60*
LMX08155(200)	120/80*	140/100*	100/60*	120/80*
LMX08175(200)	140/100*	160/120*	120/80*	140/100*
LMX08195(200)	160/120*	180/140*	140/100*	160/120*

*for substrate use category F (Autoclaved aerated concrete)

** approximate thickness

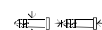
LMX-10

Ø10

Universal hammer driven fastener with metal pin and short expansion zone



Carton box



LMX10070(200)	10 x 70	200
LMX10090(200)	10 x 90	200
LMX10110(200)	10 x 110	200
LMX10120(200)	10 x 120	200
LMX10140(200)	10 x 140	200
LMX10160(200)	10 x 160	200
LMX10180(200)	10 x 180	200
LMX10200(200)	10 x 200	200
LMX10220(100)	10 x 220	100
LMX10240(100)	10 x 240	100
LMX10260(100)	10 x 260	100

Insulation material thickness t_{si} (mm)

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster**

Without cutter

NO YES NO YES

LMX10070(200)	30/10*	50/30*	10/-*	30/10*
LMX10090(200)	50/30*	70/50*	30/10*	50/30*
LMX10110(200)	70/50*	90/70*	50/30*	70/50*
LMX10120(200)	80/60*	100/80*	60/40*	80/60*
LMX10140(200)	100/80*	120/100*	80/60*	100/80*
LMX10160(200)	120/100*	140/120*	100/80*	120/100*
LMX10180(200)	140/120*	160/140*	120/100*	140/120*
LMX10200(200)	160/140*	180/160*	140/120*	160/140*
LMX10220(100)	180/160*	200/180*	160/140*	180/160*
LMX10240(100)	200/180*	220/200*	180/160*	200/180*
LMX10260(100)	220/200*	240/220*	200/180*	220/200*

*for substrate use category F (Autoclaved aerated concrete) / ** approximate thickness

ACCESSORIES - LMX-8

see more at page 29-30.

WK-FT - Plastic cutter for
cutting holes
in polystyrene EPS



KS, KSG - Polystyrene disc

WK-FM - Metal cutter
for mineral wool



EDMW - Mineral wool disc



TDX-90, TDX-140
Additional collar



ACCESSORIES - LMX-10

see more at page 29-30.

WK-FT - Plastic cutter for
cutting holes
in polystyrene EPS



KS, KSG - Polystyrene disc

WK-FM - Metal cutter
for mineral wool



EDMW - Mineral wool disc



TDX-90, TDX-140
Additional collar



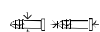
LFMG-10

Ø10

Hammer driven fastener with metal pin and extended expansion zone



Carton box



LFMG10140(200)	10 x 140	200
LFMG10160(200)	10 x 160	200
LFMG10180(200)	10 x 180	200
LFMG10200(200)	10 x 200	200
LFMG10220(100)	10 x 220	100
LFMG10240(100)	10 x 240	100
LFMG10260(100)	10 x 260	100
LFMG10300(100)	10 x 300	100

Insulation material thickness t_{ix} (mm)

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Without cutter

	NO	YES	NO	YES
LFMG10140(200)	60	80	40	60
LFMG10160(200)	80	100	60	80
LFMG10180(200)	100	120	80	100
LFMG10200(200)	120	140	100	120
LFMG10220(100)	140	160	120	140
LFMG10240(100)	160	180	140	160
LFMG10260(100)	180	200	160	180
LFMG10300(100)	220	240	200	220

* approximate thickness

ACCESSORIES – LFMG-10

see more at page 29-30.

WK-FT - Plastic cutter for
cutting holes
in polystyrene EPS



KS, KSG - Polystyrene disc



WK-FM - Metal cutter
for mineral wool



EDMW - Mineral wool disc



TDX-90, TDX-140
Additional collar



WK THERM-8

Ø8

Hammer driven fastener with metal pin and short expansion zone



WK THERM S-8

Ø8

Screwed-in fastener with metal pin and short expansion zone

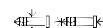


Carton box



WK THERM-8	Dimensions	Quantity
WK THERM-80895(200)	8,0 x 95	200
WK THERM-808115(200)	8,0 x 115	200
WK THERM-808135(200)	8,0 x 135	200
WK THERM-808155(200)	8,0 x 155	200
WK THERM-808175(200)	8,0 x 175	200
WK THERM-808195(200)	8,0 x 195	200
WK THERM-808215(100)	8,0 x 215	100
WK THERM-808235(100)	8,0 x 235	100
WK THERM-808255(100)	8,0 x 255	100
WK THERM-808275(100)	8,0 x 275	100
WK THERM-808295(100)	8,0 x 295	100

Carton box



WK THERM S-8	Dimensions	Quantity
WK THERM S-80895(200)	8,0 x 95	200
WK THERM S-808115(200)	8,0 x 115	200
WK THERM S-808135(200)	8,0 x 135	200
WK THERM S-808155(200)	8,0 x 155	200
WK THERM S-808175(200)	8,0 x 175	200
WK THERM S-808195(200)	8,0 x 195	200
WK THERM S-808215(100)	8,0 x 215	100
WK THERM S-808235(100)	8,0 x 235	100
WK THERM S-808255(100)	8,0 x 255	100
WK THERM S-808275(100)	8,0 x 275	100
WK THERM S-808295(100)	8,0 x 295	100

Insulation material thickness t_{is} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Without cutter

	NO	YES	NO	YES
WK THERM-80895(200)	60	80	40	60
WK THERM-808115(200)	80	100	60	80
WK THERM-808135(200)	100	120	80	100
WK THERM-808155(200)	120	140	100	120
WK THERM-808175(200)	140	160	120	140
WK THERM-808195(200)	160	180	140	160
WK THERM-808215(100)	180	200	160	180
WK THERM-808235(100)	200	220	180	200
WK THERM-808255(100)	220	240	200	220
WK THERM-808275(100)	240	260	220	240
WK THERM-808295(100)	260	280	240	260

* approximate thickness

Insulation material thickness t_{is} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster**

Without cutter

	NO	YES	NO	YES
WK THERM S-80895(200)	60/20*	80/40*	40/-*	60/20*
WK THERM S-808115(200)	80/40*	100/60*	60/20*	80/40*
WK THERM S-808135(200)	100/60*	120/80*	80/40*	100/60*
WK THERM S-808155(200)	120/80*	140/100*	100/60*	120/80*
WK THERM S-808175(200)	140/100*	160/120*	120/80*	140/100*
WK THERM S-808195(200)	160/120*	180/140*	140/100*	160/120*
WK THERM S-808215(100)	180/140*	200/160*	160/120*	180/140*
WK THERM S-808235(100)	200/160*	220/180*	180/140*	200/160*
WK THERM S-808255(100)	220/180*	240/200*	200/160*	220/180*
WK THERM S-808275(100)	240/200*	260/220*	220/180*	240/200*
WK THERM S-808295(100)	260/220*	280/240*	240/200*	260/220*

* for substrate use category E (Autoclaved aerated concrete) / ** approximate thickness

ACCESSORIES – WK THERM S-8

see more at page 29-30.

ACCESSORIES – WK THERM 8

see more at page 29-30.

WK-FT - Plastic cutter for
cutting holes
in polystyrene EPS



WK-FM - Metal cutter
for mineral wool



KS, KSG - Polystyrene disc



EDMW - Mineral wool disc



TDX-90, TDX-140
Additional collar



WK-FT - Plastic cutter for
cutting holes
in polystyrene EPS



KS, KSG - Polystyrene disc



WK-FM - Metal cutter
for mineral wool



EDMW - Mineral wool disc



TDX-90, TDX-140
Additional collar



EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM – ETICS

KLIMAS
FASTENER TECHNOLOGIES

ECO-DRIVE 8

Ø8

Screwed-in fastener with metal pin and telescopic support collar



ETAG 014
ABCDE



Carton box

	8,0 x 150	100
ECODRIVE-08150(100)	8,0 x 150	100
ECODRIVE-08170(100)	8,0 x 170	100
ECODRIVE-08190(100)	8,0 x 190	100
ECODRIVE-08210(100)	8,0 x 210	100
ECODRIVE-08230(100)	8,0 x 230	100
ECODRIVE-08250(100)	8,0 x 250	100
ECODRIVE-08270(100)	8,0 x 270	100
ECODRIVE-08290(100)	8,0 x 290	100
ECODRIVE-08310(100)	8,0 x 310	100
ECODRIVE-08330(100)	8,0 x 330	100
ECODRIVE-08350(100)	8,0 x 350	100
ECODRIVE-08370(100)	8,0 x 370	100
ECODRIVE-08390(100)	8,0 x 390	100
ECODRIVE-08410(100)	8,0 x 410	100
ECODRIVE-08430(100)	8,0 x 430	100

Insulation material thickness t_{is} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Kategoria użytkowa

	ABCD	E	ABCD
ECODRIVE-08150(100)	80	—	—
ECODRIVE-08170(100)	100	80	80
ECODRIVE-08190(100)	120	100	100
ECODRIVE-08210(100)	140	120	120
ECODRIVE-08230(100)	160	140	140
ECODRIVE-08250(100)	180	160	160
ECODRIVE-08270(100)	200	180	180
ECODRIVE-08290(100)	220	200	200
ECODRIVE-08310(100)	240	220	220
ECODRIVE-08330(100)	260	240	240
ECODRIVE-08350(100)	280	260	260
ECODRIVE-08370(100)	300	280	280
ECODRIVE-08390(100)	320	300	300
ECODRIVE-08410(100)	340	320	320
ECODRIVE-08430(100)	360	340	340

* approximate thickness

ECO-DRIVE S 8

Ø8

Screwed-in fastener with metal pin and telescopic support collar



ETAG 014
ABCDE



Carton box

	8,0 x 150	100
ECODRIVE-S-08150(100)	8,0 x 150	100
ECODRIVE-S-08170(100)	8,0 x 170	100
ECODRIVE-S-08190(100)	8,0 x 190	100
ECODRIVE-S-08210(100)	8,0 x 210	100
ECODRIVE-S-08230(100)	8,0 x 230	100
ECODRIVE-S-08250(100)	8,0 x 250	100
ECODRIVE-S-08270(100)	8,0 x 270	100
ECODRIVE-S-08290(100)	8,0 x 290	100
ECODRIVE-S-08310(100)	8,0 x 310	100
ECODRIVE-S-08330(100)	8,0 x 330	100
ECODRIVE-S-08350(100)	8,0 x 350	100
ECODRIVE-S-08370(100)	8,0 x 370	100
ECODRIVE-S-08390(100)	8,0 x 390	100
ECODRIVE-S-08410(100)	8,0 x 410	100
ECODRIVE-S-08430(100)	8,0 x 430	100

Insulation material thickness t_{is} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Kategoria użytkowa

	ABCD	E	ABCD
ECODRIVE-S-08150(100)	80	—	—
ECODRIVE-S-08170(100)	100	80	80
ECODRIVE-S-08190(100)	120	100	100
ECODRIVE-S-08210(100)	140	120	120
ECODRIVE-S-08230(100)	160	140	140
ECODRIVE-S-08250(100)	180	160	160
ECODRIVE-S-08270(100)	200	180	180
ECODRIVE-S-08290(100)	220	200	200
ECODRIVE-S-08310(100)	240	220	220
ECODRIVE-S-08330(100)	260	240	240
ECODRIVE-S-08350(100)	280	260	260
ECODRIVE-S-08370(100)	300	280	280
ECODRIVE-S-08390(100)	320	300	300
ECODRIVE-S-08410(100)	340	320	320
ECODRIVE-S-08430(100)	360	340	340

* approximate thickness

ACCESSORIES - ECO-DRIVE 8

see more at page 29-30.

EDST - Setting tool ECO-DRIVE
8, ECO-DRIVE S 8, DRIVE S



EDKSG - Polystyrene disc
(do ECO-DRIVE 8, DRIVE S)



ACCESSORIES - ECO-DRIVE S 8

see more at page 29-30.

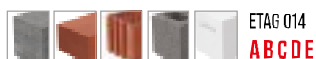
EDST - Setting tool ECO-DRIVE 8,
ECO-DRIVE S 8, DRIVE S



ECO-DRIVE W 8

Ø8

Screwed-in fastener with metal pin and telescopic support collar for mineral wool VW



ETAG 014
ABCDE



Carton box



ECO-DRIVE-W-08150(50)	8,0 x 150	50
ECO-DRIVE-W-08170(50)	8,0 x 170	50
ECO-DRIVE-W-08190(50)	8,0 x 190	50
ECO-DRIVE-W-08210(50)	8,0 x 210	50
ECO-DRIVE-W-08230(50)	8,0 x 230	50
ECO-DRIVE-W-08250(50)	8,0 x 250	50
ECO-DRIVE-W-08270(50)	8,0 x 270	50
ECO-DRIVE-W-08290(50)	8,0 x 290	50
ECO-DRIVE-W-08310(50)	8,0 x 310	50
ECO-DRIVE-W-08330(50)	8,0 x 330	50
ECO-DRIVE-W-08350(50)	8,0 x 350	50
ECO-DRIVE-W-08370(50)	8,0 x 370	50
ECO-DRIVE-W-08390(50)	8,0 x 390	50
ECO-DRIVE-W-08410(50)	8,0 x 410	50
ECO-DRIVE-W-08430(50)	8,0 x 430	50

Insulation material thickness t_{in} [mm]

New buildings
adhesive layer of 10 mm

Old buildings
adhesive layer of 10 mm
+ 20 mm of old plaster*

Kategoria użytkowa

	ABCD	E	ABCD
ECO-DRIVE-W-08150(50)	80	—	—
ECO-DRIVE-W-08170(50)	100	80	80
ECO-DRIVE-W-08190(50)	120	100	100
ECO-DRIVE-W-08210(50)	140	120	120
ECO-DRIVE-W-08230(50)	160	140	140
ECO-DRIVE-W-08250(50)	180	160	160
ECO-DRIVE-W-08270(50)	200	180	180
ECO-DRIVE-W-08290(50)	220	200	200
ECO-DRIVE-W-08310(50)	240	220	220
ECO-DRIVE-W-08330(50)	260	240	240
ECO-DRIVE-W-08350(50)	280	260	260
ECO-DRIVE-W-08370(50)	300	280	280
ECO-DRIVE-W-08390(50)	320	300	300
ECO-DRIVE-W-08410(50)	340	320	320
ECO-DRIVE-W-08430(50)	360	340	340

* approximate thickness

ACCESSORIES - ECO-DRIVE W 8

see more at page 30.

EDST-W - Setting tool
ECO-DRIVE W 8,
DRIVE W



EDKW - Mineral wool disc
(ECO-DRIVE W 8, DRIVE W)



SPECIAL FASTENERS

DRIVE W

Ø6

Screwed-in fastener for fastening of mineral wool MW in wooden substrate



ZULASSUNG
DIBt-Z-93-S/5



ITB-K01-2019/0313



DRIVE S

Ø6

Screwed-in fastener for fastening of polystyrene EPS foam in wooden substrate



ZULASSUNG
DIBt-Z-93-S/5



ITB-K01-2019/0313



Carton box		Insulation thickness [mm]	
DRIVE-W-06120(50)	6,0 x 110	90	50
DRIVE-W-06140(50)	6,0 x 130	110	50
DRIVE-W-06160(50)	6,0 x 150	130	50
DRIVE-W-06180(50)	6,0 x 170	150	50
DRIVE-W-06200(50)	6,0 x 190	170	50
DRIVE-W-06220(50)	6,0 x 210	190	50
DRIVE-W-06240(50)	6,0 x 230	210	50
DRIVE-W-06260(50)	6,0 x 250	230	50
DRIVE-W-06280(50)	6,0 x 270	250	50
DRIVE-W-06300(50)	6,0 x 290	270	50
DRIVE-W-06320(50)	6,0 x 310	290	50

Carton box		Insulation thickness [mm]	
DRIVE-S-06120(100)	6,0 x 110	90	100
DRIVE-S-06140(100)	6,0 x 130	110	100
DRIVE-S-06160(100)	6,0 x 150	130	100
DRIVE-S-06180(100)	6,0 x 170	150	100
DRIVE-S-06200(100)	6,0 x 190	170	100
DRIVE-S-06220(100)	6,0 x 210	190	100
DRIVE-S-06240(100)	6,0 x 230	210	100
DRIVE-S-06260(100)	6,0 x 250	230	100
DRIVE-S-06280(100)	6,0 x 270	250	100
DRIVE-S-06300(100)	6,0 x 290	270	100
DRIVE-S-06320(100)	6,0 x 310	290	100

ACCESSORIES - DRIVE W

see more at page 30.

EDST-W - Setting tool
ECO-DRIVE W 8, DRIVE W



EDKW - Mineral wool disc
(ECO-DRIVE W 8, DRIVE W)



ACCESSORIES - DRIVE S

see more at page 29.

EDST - Setting tool ECO-DRIVE 8,
ECO-DRIVE S 8, DRIVE S



EDKSG - Polystyrene disc
(ECO-DRIVE 8, DRIVE S)



SPECIAL FASTENERS

TD-060, TDP-060

Special screwed-in fastener with screw



 Carton box			
TD060 (nylon)	60	100	600
TDP060 (polypropylene)	60	100	600

COMPATIBLE SHEET METAL SCREWS



WDB-T - SELF-TAPPING SCREW FOR THE STEEL PROFILE SHEETS 0.50 ÷ 0.75 mm



WSR-T - SELF-DRILLING SCREW FOR STEEL PROFILE SHEETS 0.50 ÷ 1.25 mm

COMPATIBLE WOOD SCREWS



KDH - COUNTERSUNK SCREWS (PZ)

MLN / MLN-A2*

Ø8

Special hammer driven metal fastener for mineral wool MW



ABCE



 Carton box			
MLN08080* / MLN08080-A2*	8x80	50	250
MLN08110 / MLN08110-A2*	8x110	50	250
MLN08140 / MLN08140-A2*	8x140	50	250
MLN08170 / MLN08170-A2*	8x170	50	250
MLN08200 / MLN08200-A2*	8x200	50	250
MLN08210 / MLN08210-A2*	8x210	50	250
MLN08230 / MLN08230-A2*	8x230	50	250
MLN08250 / MLN08250-A2*	8x250	50	250
MLN08260 / MLN08260-A2*	8x260	50	250
MLN08280 / MLN08280-A2*	8x280	50	250
MLN08300 / MLN08300-A2*	8x300	50	250

Insulation material thickness t_{si} [mm]		
New buildings adhesive layer of 10 mm		Old buildings adhesive layer of 10 mm + 20 mm of old plaster**
MLN08080 / MLN08080-A2*	20	-
MLN08110 / MLN08110-A2*	50	30
MLN08140 / MLN08140-A2*	80	60
MLN08170 / MLN08170-A2*	110	90
MLN08200 / MLN08200-A2*	140	120
MLN08210 / MLN08210-A2*	150	130
MLN08230 / MLN08230-A2*	170	150
MLN08250 / MLN08250-A2*	190	170
MLN08260 / MLN08260-A2*	200	180
MLN08280 / MLN08280-A2*	220	200
MLN08300 / MLN08300-A2*	240	220

**on request and order

**approximate thickness

ACCESSORIES

WK-FT

Plastic cutter for cutting holes in polystyrene EPS



 Carton box			
WK-FT	66,7	1	30

EDMW

Mineral wool disc



 Carton box			
EDMW(100)	67	100	1000

KS, KSG

Polystyrene disc (white, graphite)



 Carton box				
KS(100)	67		100	1000
KSG(100)	67		100	1000

EDST

Setting tool (ECO-DRIVE 8, ECO-DRIVE S 8, DRIVE S)



 Carton box		
EDST	1	12

WK-FM

Metal cutter to mineral wool



 Carton box			
WK-FM	66,7	1	30

EDKSG

Polystyrene disc (ECO-DRIVE 8, DRIVE S)



 Carton box		
EDKSG(100)*	100	1000

EDST-W

Setting tool (ECO-DRIVE W 8, DRIVE W)



Carton box

EDST-W	1	16
--------	---	----

EDKW

Mineral wool disc (ECO-DRIVE W, DRIVE W)



Carton box

EDKW	67	100	1000
------	----	-----	------

TDX-90, TDX-140

Additional collar



Carton box

	Ø	Material		
TDX-90	90	polyethylen	100	600
TDX-140	140	polypropylene	200	200

WK-DS

Screwed-in helical fastener



Carton box

WK-DS050	50	10	200
WK-DS085	85	10	150

DW

Spacer and levelling washers



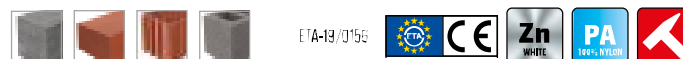
Carton box

		Grubość	
DW-02(50)		2 mm	50
DW-03(50)		3 mm	50
DW-04(50)		4 mm	50
DW-05(50)		5 mm	50
DW-08(50)		8 mm	50
DW-10(50)		10 mm	50
DW-15(50)		15 mm	50

SMNKC

Ø5 | 6

Expansion plug with collar



Carton box

SMNKC-05035	5,0 x 35	3,5 x 40	200	2400
SMNKC-06040	6,0 x 40	3,9 x 45	200	2400
SMNKC-06060	6,0 x 60	3,9 x 65	200	1800



KST-750

PU adhesive for foamed polystyrene THERMO STYRO FIX



Carton box		
KST-750(X12)	750 ml	12

SWS-145, SWS-145 Z, SWS-160, SWS-160 Z

Glassfibre mesh

EIA-13/0392 



Carton box		g/m ²	m ²
SWS-145	110 cm x 50 mb	145 g/m ²	55
SWS-145Z	110 cm x 50 mb	145 g/m ²	55
SWS-160	110 cm x 50 mb	160 g/m ²	55
SWS-160Z	110 cm x 50 mb	160 g/m ²	55

HOX

Ø14 | 16

Expansion plug with eye hook (For fixing construction scaffolds)



ITB-KOI-2018/0528



Carton box				
HOX-14120	14 x 80	10 x 165	20	160
HOX-14160	14 x 80	10 x 205	20	80
HOX-14190	14 x 80	10 x 235	20	80
HOX-14230	14 x 80	10 x 275	20	80
HOX-16160	16 x 100	12 x 210	15	60
HOX-16190	16 x 100	12 x 240	15	60
HOX-16230	16 x 100	12 x 280	15	60
HOX-16300	16 x 100	12 x 350	15	60
HOX-16350	16 x 100	12 x 400	10	50

ZHO

Plastic cup for covering HOX eye-hook holes



Carton box			
ZHO-BI		100	900
ZHO-SZ		100	900
ZHO-PI		100	900



WEDGE ANCHORS

for normal weight cracked or uncracked
concrete, reinforced or unreinforced
of strength class from C20/25 to C50/60

LE-ZNA4 / LE-DA4 / LE-A4

ANTI-CORROSION PROTECTION

Galvanized steel - Guarantees high degree of anti-corrosion protection

SQ Ceramic - Special anti-scratch multi-layer aluminum-zinc lamellar coating allows the use of the anchors in environments with higher corrosivity classification.

Stainless Steel A4 - Highest level of anti-corrosion protection.

RESISTANCE UNDER FIRE EXPOSURE **R30 - R120**

Anchor's characteristics regarding resistance to load under fire exposure influence the safety of anchorages during a fire. Value of resistance to load under fire exposure determined for particular fire duration from R30 to R120 allows to design optimal fastenings for each type of applications complying with required fire resistance class.



LE-ZN

M8 | 10 | 12 | 16

Wedge anchors (Galvanized steel)



ETA 20/0640



Carton box



LE-ZN-08060(X100)	8x60	100
LE-ZN-08075(X100)	8x75	100
LE-ZN-08095(X50)	8x95	50
LE-ZN-08115(X50)	8x115	50
LE-ZN-08135(X50)	8x135	50
LE-ZN-08155(X50)	8x155	50
LE-ZN-10085(X50)	10x85	50
LE-ZN-10095(X50)	10x95	50
LE-ZN-10105(X25)	10x105	25
LE-ZN-10115(X25)	10x115	25
LE-ZN-10135(X25)	10x135	25
LE-ZN-10155(X25)	10x155	25
LE-ZN-12085(X40)	12x85	40
LE-ZN-12095(X50)	12x95	50
LE-ZN-12105(X50)	12x105	50
LE-ZN-12115(X40)	12x115	40
LE-ZN-12125(X25)	12x125	25
LE-ZN-12145(X25)	12x145	25
LE-ZN-12165(X25)	12x165	25
LE-ZN-16105(X25)	16x105	25
LE-ZN-16115(X25)	16x115	25
LE-ZN-16125(X25)	16x125	25
LE-ZN-16145(X20)	16x145	20
LE-ZN-16165(X15)	16x165	15

LE-ZNA4

M8 | 10 | 12 | 16

Wedge anchors (Galvanized + Stainless steel A4)



ETA 20/0641



Carton box



LE-ZNA4-08060(X100)	8x60	100
LE-ZNA4-08075(X100)	8x75	100
LE-ZNA4-08095(X50)	8x95	50
LE-ZNA4-08115(X50)	8x115	50
LE-ZNA4-08135(X50)	8x135	50
LE-ZNA4-08155(X50)	8x155	50

Carton box



LE-ZNA4-10085(X50)	10x85	50
LE-ZNA4-10095(X50)	10x95	50
LE-ZNA4-10105(X25)	10x105	25
LE-ZNA4-10115(X25)	10x115	25
LE-ZNA4-10135(X25)	10x135	25
LE-ZNA4-10155(X25)	10x155	25
LE-ZNA4-12085(X40)	12x85	40
LE-ZNA4-12095(X50)	12x95	50
LE-ZNA4-12105(X50)	12x105	50
LE-ZNA4-12115(X40)	12x115	40
LE-ZNA4-12125(X25)	12x125	25
LE-ZNA4-12145(X25)	12x145	25
LE-ZNA4-12165(X25)	12x165	25
LE-ZNA4-16105(X25)	16x105	25
LE-ZNA4-16115(X25)	16x115	25
LE-ZNA4-16125(X25)	16x125	25
LE-ZNA4-16145(X20)	16x145	20
LE-ZNA4-16165(X15)	16x165	15

LE-DA4

M8 | 10 | 12 | 16

Wedge anchors (SQ Ceramic + Stainless steel A4)



ETA 20/0641



Carton box



LE-DA4-08060(X100)*	8x60	100
LE-DA4-08075(X100)*	8x75	100
LE-DA4-08095(X50)*	8x95	50
LE-DA4-08115(X50)*	8x115	50
LE-DA4-08135(X50)*	8x135	50
LE-DA4-08155(X50)*	8x155	50
LE-DA4-10085(X50)*	10x85	50
LE-DA4-10095(X50)*	10x95	50
LE-DA4-10105(X25)*	10x105	25
LE-DA4-10115(X25)*	10x115	25
LE-DA4-10135(X25)*	10x135	25
LE-DA4-10155(X25)*	10x155	25
LE-DA4-12085(X40)*	12x85	25
LE-DA4-12095(X50)*	12x95	40
LE-DA4-12105(X50)*	12x105	50
LE-DA4-12115(X40)*	12x115	50
LE-DA4-12125(X25)*	12x125	40
LE-DA4-12145(X25)*	12x145	25
LE-DA4-12165(X25)*	12x165	25
LE-DA4-16105(X25)*	16x105	25
LE-DA4-16115(X25)*	16x115	25
LE-DA4-16125(X25)*	16x125	25
LE-DA4-16145(X20)*	16x145	25
LE-DA4-16165(X15)*	16x165	15

*on request and order

LE-A4

M8 | 10 | 12 | 16

Wedge anchors (Stainless steel A4)



ETA 20/0641



LTP

Ø10 | 12 | 14 | 16 | 20 | 25 | 30

Double sleeve anchor



Carton box



LE-A4-08060(X100)*	8x60	100
LE-A4-08075(X100)*	8x75	100
LE-A4-08095(X50)*	8x95	50
LE-A4-08115(X50)*	8x115	50
LE-A4-08135(X50)*	8x135	50
LE-A4-08155(X50)*	8x155	50
LE-A4-10085(X50)*	10x85	50
LE-A4-10095(X50)*	10x95	50
LE-A4-10105(X25)*	10x105	25
LE-A4-10115(X25)*	10x115	25
LE-A4-10135(X25)*	10x135	25
LE-A4-10155(X25)*	10x155	25
LE-A4-12085(X40)*	12x85	40
LE-A4-12095(X50)*	12x95	50
LE-A4-12105(X50)*	12x105	50
LE-A4-12115(X40)*	12x115	40
LE-A4-12125(X25)*	12x125	25
LE-A4-12145(X25)*	12x145	25
LE-A4-12165(X25)*	12x165	25
LE-A4-16105(X25)*	16x105	25
LE-A4-16115(X25)*	16x115	25
LE-A4-16125(X25)*	16x125	25
LE-A4-16145(X20)*	16x145	20
LE-A4-16165(X15)*	16x165	15

*on request and order

Carton box



LTP-10100(X20)	10 x 100	20	240
LTP-10150(X20)	10 x 150	20	200
LTP-12100(X40)	12 x 100	40	240
LTP-12120(X30)	12 x 120	30	180
LTP-12150(X30)	12 x 150	30	180
LTP-12180(X20)	12 x 180	20	120
LTP-12200(X15)	12 x 200	15	90
LTP-12250(X10)	12 x 250	10	100
LTP-12330(X15)	12 x 330	15	30
LTP-14100(X25)	14 x 100	25	100
LTP-14180(X15)	14 x 180	15	90
LTP-14200(X8)	14 x 200	8	48
LTP-14250(X6)	14 x 250	6	36
LTP-14330(X10)	14 x 330	10	20
LTP-16120(X20)	16 x 120	20	80
LTP-16200(X8)	16 x 200	8	48
LTP-16250(X5)	16 x 250	5	30
LTP-16330(X10)	16 x 330	10	20
LTP-20180(X8)	20 x 180	8	32
LTP-20200(X10)	20 x 200	10	20
LTP-20250(X10)	20 x 250	10	20



LE-A4 - Wedge anchors (Stainless steel A4)



LE-DA4 - Wedge anchors (SQ Ceramic + Stainless steel A4)



LE-ZNA4 - Wedge anchors (Galvanized + Stainless steel A4)



LE-ZN - Wedge anchors (Galvanized steel)



LM

Ø12 | 14

Single sleeve steel machine anchor



Carton box



LM-12080(X40)	12 x 80	40	160
LM-14080(X25)	14 x 80	25	160



LSI

Ø8 | 10 | 12 | 16

Single sleeve steel anchor with flange nut



Carton box



LSI-08040(X100)	8,0 x 40	100	400
LSI-08065(X50)	8,0 x 65	50	300
LSI-08085(X50)	8,0 x 85	50	300
LSI-10050(X50)	10 x 50	50	300
LSI-10060(X50)	10 x 60	50	300
LSI-10077(X50)	10 x 77	50	300
LSI-10097(X25)	10 x 97	25	200
LSI-12060(X25)	12 x 60	25	200
LSI-12075(X25)	12 x 75	25	200
LSI-12100(X20)	12 x 100	20	160
LSI-12129(X20)	12 x 129	20	160
LSI-16111(X10)	16 x 111	10	60
LSI-16147(X10)	16 x 147	10	80



LHP

Ø10 | 12

Sleeve anchor with straight hook



Carton box



LHP-10090(X20)	10 x 90	20	160
LHP-12120(X25)	12 x 120	25	160



LHS

Ø8 | 10 | 12

Sleeve anchor with round hook



Carton box



LHS-08085(X25)	8 x 85	25	200
LHS-10115(X30)	10 x 115	30	180
LHS-12130(X15)	12 x 130	15	90

LHO

Ø 12 | 14

Sleeve anchor with eye bolt



Carton box



LHO-12140(X15)	12 x 140	15	30
LHO-14195(X20)	14 x 195	20	40

LHH

Ø 12

Sleeve anchor with pig tail hook



Carton box



LHH-12140(X15)	12 x 140	15	30
----------------	----------	----	----

KRM

M6 | 8 | 10 | 12

Brass drop-in anchor



Carton box



KRM-080624	M6 / 6 x 24	50	2500
KRM-100831	M8 / 10 x 31	50	2500
KRM-121034	M10 / 12 x 34	50	1000
KRM-161241	M12 / 16 x 41	20	1000

TSW

M6 | 8 | 10 | 12 | 16 | 20

Steel drop-in anchor



Carton box



TSW-06	M6 / 8.0 x 25	100	2000
TSW-08	M8 / 10 x 30	100	1600
TSW-10	M10 / 12 x 40	50	1000
TSW-12	M12 / 15 x 50	50	400
TSW-16	M16 / 20 x 65	25	200
TSW-20	M20 / 25 x 80	10	80

OTSW

Drop-in anchor setting tool



Carton box



OTSW-06*	TSW-06	1	60
OTSW-08*	TSW-08	1	60
OTSW-10*	TSW-10	1	60
OTSW-12*	TSW-12	1	60
OTSW-16*	TSW-16	1	60
OTSW-20*	TSW-20	1	60

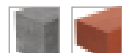
*on request and order

METAL ANCHORS

 **SMM**
 **BSMM**

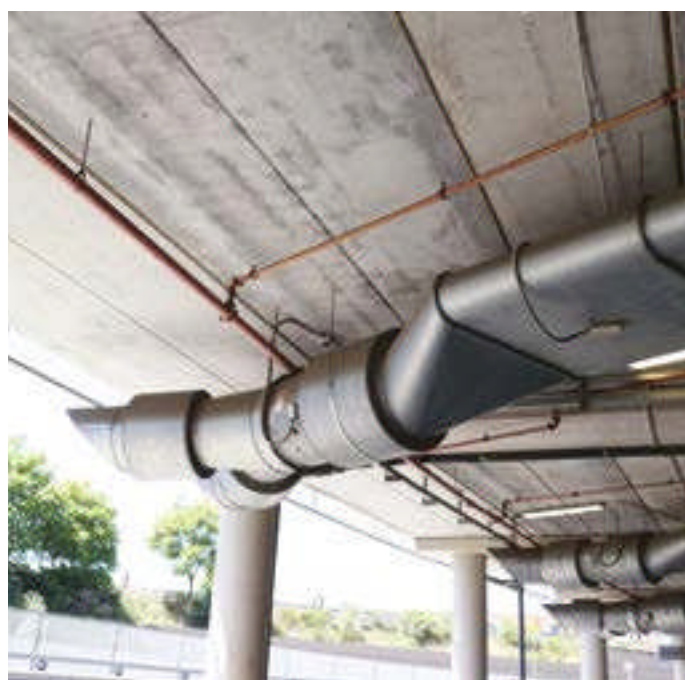
Ø6

Metal hammer drive anchor



Carton box				
SMM-06040	6,0 x 40	3,8 x 50	100	1600
SMM-06050	6,0 x 50	3,8 x 60	100	1200
SMM-06065	6,0 x 65	3,8 x 75	100	800

Blister				
BSMM-06040(X10)	6,0 x 40	3,8 x 50	10	10
BSMM-06050(X10)	6,0 x 50	3,8 x 60	9	10
BSMM-06065(X9)	6,0 x 65	3,8 x 75	6	9



 **KMG**

 **BKM**

Ø5 | 6 | 8 | 10

Hammer-in anchor for AAC substrates



Carton box				
KMG-05	5,0 x 30	4,5	200	6400
KMG-06	6,0 x 32	4,5 - 5,0	200	3200
KMG-08	8,0 x 36	5,0 - 6,0	100	1600
KMG-08-D	8,0 x 60	5,0 - 6,0	50	800
KMG-10	10 x 60	6,0 - 8,0	50	800

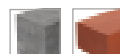
Blister				
BKM-05(X10)	5,0 x 30	4,5	10	10
BKM-06(X10)	6,0 x 32	4,5 - 5,0	10	10
BKM-08(X10)	8,0 x 36	5,0 - 6,0	7	10
BKM-08-D(X10)	8,0 x 60	5,0 - 6,0	4	10
BKM-10(X10)	10 x 60	6,0 - 8,0	4	10

 **KRW**

 **BKR**

Ø6

Hammer-in expanding metal anchor



Carton box			
KRW-06035	6,0 x 35	100	1600
KRW-06065	6,0 x 65	100	1200

Blister			
BKR-06035(X10)	6,0 x 35	5	10
BKR-06065(X10)	6,0 x 65	3	10



Wkręt-met®

KLIMAS

STRONG FOR GENERATIONS



METAL ANCHORS

**Screws and fasteners for installation
of windows and doors**

WHO / WHOW



QUICK INSTALLATION

Screws for installation of windows and doors facilitate fastenings and enable efficient series fixings. Compared to expansion type of fasteners, the installation time is reduced.

NO TENSILE STRESS GENERATED DURING INSTALLATION

Screws enable to secure the frame to the supporting wall without generating tensile force causing the frame to be pulled against the substrate.

FULL THREAD

Guarantees to maintain secure and reliable fastening while keeping also appropriate distance between the frame and the substrate.

NOTCH ON THREAD

Special notch on thread reduces screwing resistance while setting.



WHO

ø7,5

Frame screw with flat head



Carton box

WHO-75042	7,5 x 42	200	2400
WHO-75062	7,5 x 62	200	2400
WHO-75082	7,5 x 82	100	1200
WHO-75102	7,5 x 102	100	1200
WHO-75112	7,5 x 112	100	1200
WHO-75132	7,5 x 132	100	800
WHO-75152	7,5 x 152	100	800
WHO-75182	7,5 x 182	100	800
WHO-75212	7,5 x 212	100	400

WHOW

ø7,5

Frame screw with cylindrical head



Carton box

WHOW-75042	7,5 x 42	200	2400
WHOW-75062	7,5 x 62	200	2400
WHOW-75082	7,5 x 82	100	1200
WHOW-75102	7,5 x 102	100	1200
WHOW-75112	7,5 x 112	100	1200
WHOW-75132	7,5 x 132	100	800
WHOW-75152	7,5 x 152	100	800
WHOW-75182	7,5 x 182	100	800
WHOW-75212	7,5 x 212	100	400

LO

BLO

ø10

Metal frame anchor



Carton box

LO-10072	10 x 72	6,0 x 87	100	600
LO-10092	10 x 92	6,0 x 107	100	600
LO-10112	10 x 112	6,0 x 127	100	600
LO-10132	10 x 132	6,0 x 147	100	400
LO-10152	10 x 152	6,0 x 167	100	400
LO-10182	10 x 182	6,0 x 197	50	300
LO-10202	10 x 202	6,0 x 217	50	200

Blister

BLO-10072(X9)	10 x 72	6,0 x 87	5	9
BLO-10092(X9)	10 x 92	6,0 x 107	5	9
BLO-10112(X9)	10 x 112	6,0 x 127	4	9

Z

Caps for metal frame fixings



Blister

ZB-BI	□	16	100	1000
ZB-BR	■	16	100	1000
ZB-CZ	■	16	100	1000
ZB-SZ	■	16	100	1000

Pure epoxy injection anchor

FOR EXTREME LOADS

WCF-E3-585 - MOUNT EVEREST

SEISMIC APPROVAL C1/C2

Anchors have been tested for seismic loads, and thus are approved for use in applications in seismically active areas. Seismic approval allows to design reliable fastenings with increased level of safety.

INSTALLATION IN **CRACKED** CONCRETE

Approved for fastening threaded rods and rebars in tension zone of reinforced concrete member. Tension zone, also called cracked zone might occur in all main structural concrete members e.g. beams, slabs, columns.

HIGH LOAD-BEARING PARAMETERS

It is ideally suited for highest load/heavy duty structural anchoring. Offer highest performance for most demanding applications.

STYRENE-FREE

Being free of styrene is well suited and safe for use indoors and in confined spaces.



SEISMIC APPROVAL C1/C2



WCF-EASF (MAKALU)

Epoxy Acrylate injection anchors



Epoxy Acrylate two-component (10:1 ratio) is universal bonded anchoring system approved for use in cracked & uncracked concrete in anchorages subject to static and quasi-static load and seismic actions in category C1, and also in masonry. For professional use in heavy and medium duty applications.

Carton box	[° C]		
WCF-EASF-410	+5 ÷ +30	410 ml	12
WCF-EASF-C-410*	0 ÷ +20	410 ml	12
WCF-EASF-E-410*	+15 ÷ +40	410 ml	12

*on request and order

WCF-E3 (MOUNT EVEREST)

Epoxy injection anchor



Pure epoxy two-component 3:1 ratio bonded injection anchor, for professional use in highest load/heavy duty structural anchoring. Offer highest performance for most demanding applications.

Carton box	[° C]		
WCF-E3-585	+5 ÷ +40	585 ml	12

WCF-XS (NANDA KOT)

Hybrid injection anchors



Hybrid bonded injection anchor system offering very high performance in both cracked & uncracked concrete, along with a very good performance under seismic conditions (C16/C2). For professional use in heavy and medium duty applications.

Carton box	[° C]		
WCF-XS-410	+5 ÷ +30	410 ml	12
WCF-XS-E-410*	+15 ÷ +40	410 ml	12
WCF-XS-C-410*	0 ÷ +20	410 ml	12

*on request and order

WCF-VESF (ELBRUS)

Vinylester Injection Anchors



Vinylester two-component (10:1 ratio) is styrene-free bonded anchoring system approved for use in uncracked concrete with medium performance level. Suitable for both DIY applications and also professional use.

Carton box	[° C]		
WCF-VESF-E-300*	+10 ÷ +45	300 ml	12
WCF-VESF-300	+5 ÷ +30	300 ml	12
WCF-VESF-E-410*	+10 ÷ +45	410 ml	12
WCF-VESF-410	+5 ÷ +30	410 ml	12

*on request and order

WCF-PESF (MONT BLANC)

Polyester injection anchors



Polyester is a low to medium performance level, cost effective, general purpose two-component (10:1 ratio), styrene-free chemical anchoring system with unsaturated polyester as chemical base, that has been formulated for anchoring in a wide variety of building materials. Ideal for standard DIY applications in uncracked concrete and masonry substrates.

Carton box	[° C]		
WCF-PESF-300	+5 ÷ +30	300 ml	12
WCF-PESF-C-300	-10 ÷ +30	300 ml	12
WCF-PESF-E-300*	+10 ÷ +45	300 ml	12
WCF-PESF-E-410*	+10 ÷ +45	410 ml	12

*on request and order

DCF-300, DCF-410, DCF-585

Injection anchor dispensers



Carton box		
DCF-300	300ml	1
DCF-410	410ml	1
DCF-585	585ml	1

TSN

Nylon mesh sleeves for fastening in hollow base materials



Carton box			
TSN-01	12 x 80	50	600
TSN-02	16 x 85	20	240
TSN-03	16 x 130	20	160
TSN-04	20 x 85	20	160

PCF

Hole cleaning pump



Carton box	
PCF	1

TSM

Metal mesh sleeve for hollow materials



Carton box		
TSM-12	12 x 1000	1
TSM-16	16 x 1000	1
TSM-22	22 x 1000	1
TSM-26	26 x 1000	1

SCF

Hole cleaning brush



Carton box	
SCF-13	1
SCF-18	1
SCF-28	1

MCF, MCF-E3

Mixing nozzle



Carton box		
MCF	-	12
MCF-PK	-	12

Design of chemical and mechanical KLIMAS anchors has never been so easy!

Klimas DesignFiX

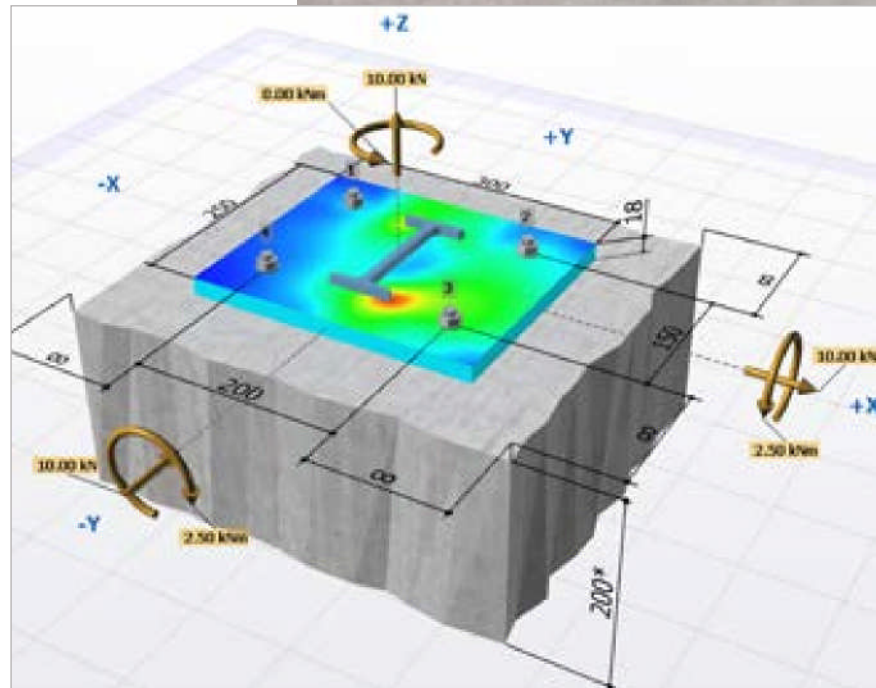
- fast and intuitive selection of fastener

- Using our software, you can quickly and easily design anchors exactly according to your requirements and needs.
- Software is designed by engineers in accordance with the European standard EN-1992-4:2018 (Design of fastenings for use in concrete) and the standard EN 1992-1-1 (Design of post-installed rebar connections).
- Intuitive interface allow you to input all load and geometry data directly on the 3D drawing.
- The software displays the anchors that meet the required design criteria in real time and gives their percentage of utilisation.
- To save costs and installation time software chooses optimal embedment depth for chemical anchors.
- KLIMAS Design Fix software allows to design all anchor pattern according to particular standard and many shapes of base plate.
- Ideal tool for designers, engineers, architects and project site managers, but also for building owners, developers and contractors.
- Available in many languages.



Software is available free of charge.

To download our software or to get more information please contact us.



CONCRETE SCREWS

SIMPLE AND QUICK INSTALLATION

- Installation by screwing into a pre-drilled cylindrical hole in concrete
- The special thread of concrete screw cuts an internal thread into the concrete member while setting
- Immediate loading capacity

REUSABILITY

Possibility to be reused for temporary installations.

LOW EXPANSION STRESSES

Concrete screws generate much less expanding forces during installation and load is distributed across a larger area of entire length of the anchor. This feature enable even closer edge and spacing distances.



EUROPEAN TECHNICAL ASSESSMENT
ETA-20/0768 / ETA-20/0769

WDBLS

6 | 8 | 10

Concrete screw with hex washer head



ETA-20/0769: WDBLS-06060 / WDBLS-06080
ETA-20/0768: WDBLS-08070 / WDBLS-08080 / WDBLS-10090
WDBLS-10090 / WDBLS-10100 / WDBLS-10110 / WDBLS-10120
WDBLS-10130 / WDBLS-10140



Carton box	Hole diameter (mm)		
WDBLS-06040*	6	7,5 x 40	100
WDBLS-06060	6	7,5 x 60	100
WDBLS-06080	6	7,5 x 80	100
WDBLS-08050*	8	9,9 x 50	50
WDBLS-08060*	8	9,9 x 60	50
WDBLS-08070	8	9,9 x 70	50
WDBLS-08080	8	9,9 x 80	50
WDBLS-10060*	10	12,5 x 60	50
WDBLS-10070*	10	12,5 x 70	50
WDBLS-10080	10	12,5 x 80	50
WDBLS-10090	10	12,5 x 90	50
WDBLS-10100	10	12,5 x 100	50
WDBLS-10110	10	12,5 x 110	50
WDBLS-10120	10	12,5 x 120	50
WDBLS-10130	10	12,5 x 130	50
WDBLS-10140	10	12,5 x 140	50

* not covered by ETA

WDBLP

6 | 8 | 10

Concrete screw with countersunk head. TX



ETA-20/0769: WDBLP-06080 / WDBLP-06100 / WDBLP-06120
ETA-20/0768: WDBLP-08080 / WDBLP-08150 / WDBLP-10090 /
WDBLP-10110 / WDBLP-10150



Carton box	Hole diameter (mm)		
WDBLP-06060*	6	7,5 x 60	100
WDBLP-06080	6	7,5 x 80	100
WDBLP-06100	6	7,5 x 100	100
WDBLP-06120	6	7,5 x 120	100
WDBLP-08080	8	9,9 x 80	50
WDBLP-08150	8	9,9 x 150	50
WDBLP-10090	10	12,5 x 90	50
WDBLP-10110	10	12,5 x 110	50
WDBLP-10150	10	12,5 x 150	50

* not covered by ETA

WDBLG

6

Concrete screw with pan head, TX



ETA-20/0769



Carton box	Hole diameter (mm)		
WDBLG-06040*	6	7,5 x 40	100
WDBLG-06060	6	7,5 x 60	100
WDBLG-06080	6	7,5 x 80	100

* not covered by ETA

WDBGZ

6

Concrete screw with external metric thread



Carton box	Hole diameter (mm)		
WDBGZ-06035	6	7,5 x 35	100
WDBGZ-06055	6	7,5 x 55	100

WDBGW

6

Concrete screw with internal metric thread



ETA-20/0769



Carton box	Hole diameter (mm)		
WDBGW-06035*	6	7,5 x 35	100
WDBGW-06057	6	7,5 x 57	100

* not covered by ETA

FRAME FIXINGS

KPS-FAST K / KPR-FAST K / KPS-FAST S

RELIABLE AND SECURE

FASTENING

ZINC FLAKE COATING



Zinc flake coating offers two times better corrosion resistance compared to standard zinc. The klimas Wkręt-met laboratory has confirmed an excellent quality of the coating by testing in salt spray chamber.



RESISTANCE TO FIRE (Ø10)

For assembling facade systems the fastener has a sufficient fire resistance of at least 90 minutes (R90) if the admissible load for a single anchorage $\leq 0.8\text{kN}$ no permanent centric tension load.

KPR-FAST K

KPS-FAST S



EUROPEAN TECHNICAL ASSESSMENT
ETA-12/0272

KPS-FAST 8 S BKPS

Ø8

Frame plug with countersunk head screw



Carton box				
KPS-FAST-08080S	8,0 x 80	6,0 x 85	50	400
KPS-FAST-08100S	8,0 x 100	6,0 x 105	50	400
KPS-FAST-08120S	8,0 x 120	6,0 x 125	50	200
KPS-FAST-08140S	8,0 x 140	6,0 x 145	50	200

Blister				
BKPS-08080(X9)	8,0 x 80	6,0 x 85	6	9
BKPS-08100(X9)	8,0 x 100	6,0 x 105	5	9

KPS-FAST 8 K BKPK

Ø8

Frame plug with hex 8 TX head screw



Carton box				
KPS-FAST-08080K	8,0 x 80	6,0 x 85	50	400
KPS-FAST-08100K	8,0 x 100	6,0 x 105	50	400
KPS-FAST-08120K	8,0 x 120	6,0 x 125	50	200
KPS-FAST-08140K	8,0 x 140	6,0 x 145	50	200

Blister				
BKPK-08080(X9)	8,0 x 80	6,0 x 85	6	9
BKPK-08100(X9)	8,0 x 100	6,0 x 105	5	9

KPS-FAST 10 S BKPS

Ø10

Frame plug with countersunk head screw



Carton box				
KPS-FAST-10080S	10 x 80	7,0 x 85	50	200
KPS-FAST-10100S	10 x 100	7,0 x 105	50	200
KPS-FAST-10120S	10 x 120	7,0 x 125	50	200
KPS-FAST-10140S(25)	10 x 140	7,0 x 145	25	100
KPS-FAST-10160S(25)	10 x 160	7,0 x 165	25	100
KPS-FAST-10180S(25)	10 x 180	7,0 x 185	25	100
KPS-FAST-10200S	10 x 200	7,0 x 205	25	100
KPS-FAST-10230S	10 x 230	7,0 x 235	25	100
KPS-FAST-10260S	10 x 260	7,0 x 265	25	100
KPS-FAST-10300S	10 x 300	7,0 x 305	25	100

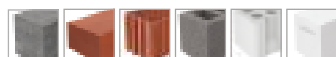
Blister				
BKPS-10100(X9)	10 x 100	7,0 x 105	4	9
BKPS-10115(X9)	10 x 115	7,0 x 115	3	9



KPR-FAST 10 K
 W-KPR-FAST 10 K
 BKPK

Ø10

Frame plug with hex S TX head screw



etag
ABCD



KPR-FAST 12 K
 W-KPR-FAST 12 K

Ø12

Frame plug with hex S TX head screw



etag
ABCD



Carton box				
KPR-FAST-10080K	10 x 80	7,0 x 85	50	200
KPR-FAST-10100K	10 x 100	7,0 x 105	50	200
KPR-FAST-10120K	10 x 120	7,0 x 125	50	200
KPR-FAST-10140K(25)	10 x 140	7,0 x 145	25	100
KPR-FAST-10160K(25)	10 x 160	7,0 x 165	25	100
KPR-FAST-10180K	10 x 180	7,0 x 185	25	100
KPR-FAST-10200K	10 x 200	7,0 x 205	25	100
KPR-FAST-10230K	10 x 230	7,0 x 235	25	100
KPR-FAST-10260K	10 x 260	7,0 x 265	25	100
KPR-FAST-10300K	10 x 300	7,0 x 305	25	100

Bag			
W-KPR-FAST-10080K	10 x 80	7,0 x 85	10
W-KPR-FAST-10100K	10 x 100	7,0 x 105	6

Blister				
BKPK-10100(X9)	10 x 100	7,0 x 105	4	9
BKPK-10115(X9)	10 x 115	7,0 x 120	3	9

Carton box				
KPR-FAST-12080K	12 x 80	8,0 x 85	25	200
KPR-FAST-12100K	12 x 100	8,0 x 105	25	200
KPR-FAST-12120K	12 x 120	8,0 x 125	25	100
KPR-FAST-12140K	12 x 140	8,0 x 145	25	100
KPR-FAST-12160K	12 x 160	8,0 x 165	25	100
KPR-FAST-12180K	12 x 180	8,0 x 185	25	100
KPR-FAST-12200K	12 x 200	8,0 x 205	25	100
KPR-FAST-12230K	12 x 230	8,0 x 235	25	100
KPR-FAST-12260K	12 x 260	8,0 x 265	25	100
KPR-FAST-12300K	12 x 300	8,0 x 305	20	80
KPR-FAST-12330K	12 x 330	8,0 x 335	20	80
KPR-FAST-12360K	12 x 360	8,0 x 365	20	80

Bag			
W-KPR-FAST-12100K	12 x 100	8,0 x 105	8
W-KPR-FAST-12120K	12 x 120	8,0 x 125	6

QUALITY INCLUDED IN THE PROCESS



We have launched a high-tech quality-control laboratory to ensure the highest quality of the products from our portfolio.

KPR-FAST 14 K

Ø14

Frame plug with hex & TX head screw



etag
ABCD



ZF
ZINC FINISH

PA
100% NYLON



Carton box

	14 x 80	10 x 95	27	160
KPR-FAST-14080K	14 x 80	10 x 95	27	160
KPR-FAST-14100K	14 x 100	10 x 105	27	160
KPR-FAST-14120K	14 x 120	10 x 125	27	80
KPR-FAST-14140K(20)	14 x 140	10 x 145	27	80
KPR-FAST-14160K(20)	14 x 160	10 x 165	27	80
KPR-FAST-14180K(20)	14 x 180	10 x 185	27	80
KPR-FAST-14200K	14 x 200	10 x 205	15	60

GENERAL PURPOSE FIXINGS

KPD

Ø10 | 12

Plug with double-threaded screw



ITB-K01-2016/0526



Zn
WHITE

PA
100% NYLON



Carton box

	10 x 100	7.0 x 105	50	400
KPD-10100	10 x 100	7.0 x 105	50	400
KPD-10160	10 x 160	7.0 x 165	50	200
KPD-10200	10 x 200	7.0 x 205	25	100
KPD-12100	12 x 100	8.0 x 105	25	300
KPD-12160	12 x 160	8.0 x 165	25	200
KPD-12200	12 x 200	8.0 x 205	25	100
KPD-12260	12 x 260	8.0 x 265	25	100
KPD-12300	12 x 300	8.0 x 305	25	100

KPK

Ø12

Frame plug with SW-13 hex head screw



ITB-K01-2016/0526



Zn
WHITE

PA
100% NYLON



Carton box

	12 x 100	8.0 x 100	25	200
KPK-12100	12 x 100	8.0 x 100	25	200
KPK-12120	12 x 120	8.0 x 120	25	200
KPK-12140	12 x 140	8.0 x 140	25	200
KPK-12160	12 x 160	8.0 x 160	25	200
KPK-12180	12 x 180	8.0 x 180	25	200
KPK-12200	12 x 200	8.0 x 200	25	100

HOX

Ø14 | 16

Expansion plug with eye-bolt



ITB-K01-2016/0526



Zn
WHITE

PA
100% NYLON



Carton box

	14 x 80	10 x 165	20	160
HOX-14120	14 x 80	10 x 165	20	160
HOX-14160	14 x 80	10 x 205	20	80
HOX-14190	14 x 80	10 x 235	20	80
HOX-14230	14 x 80	10 x 275	20	80
HOX-16160	16 x 100	12 x 210	15	60
HOX-16190	16 x 100	12 x 240	15	60
HOX-16230	16 x 100	12 x 280	15	60
HOX-16300	16 x 100	12 x 350	15	60
HOX-16350	16 x 100	12 x 400	10	40

ZHO

Plastic disc for covering hox eye-hook holes



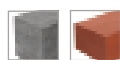
Carton box

		100	800
ZHO-BI	□	100	800
ZHO-SZ	■	100	800
ZHO-PI	■	100	800

PX W-PX BP

Ø6 | 8 | 10 | 12

Expansion plug straight hook



ITB-K01-2018/0523



HX

Ø12

Expansion plug with pig tail hook



ITB-K01-2018/0523



Carton box				
PX-06	6,0 x 30	4,0 x 40	200	3200
PX-08	8,0 x 40	4,5 x 50	100	1600
PX-10	10 x 50	5,5 x 60	100	800
PX-100	10 x 60	6,0 x 75	100	800
PX-12	12 x 60	7,5 x 75	100	400
PX-120	12 x 80	8,0 x 100	50	400

Bag				
W-PX-08	8,0 x 40	4,5 x 50	20	28
W-PX-10	10 x 50	5,5 x 60	15	25

Blister				
BP-06(X10)	6,0 x 30	4,0 x 40	12	10
BP-08(X10)	8,0 x 40	4,5 x 50	9	10
BP-10(X10)	10 x 50	5,5 x 60	6	10
BP-100(X10)	10 x 60	6,0 x 75	5	10
BP-12(X10)	12 x 60	7,5 x 75	4	10
BP-120(X9)	12 x 80	8,0 x 100	2	9

PR

Ø8 | Ø10

Frame plug with straight hook



ITB-K01-2018/0523



Carton box				
PR-08080	6,0 x 60	6,0 x 105	50	600
PR-08100	8,0 x 100	6,0 x 125	50	600
PR-10100	10 x 100	7,0 x 125	50	400
PR-10135	10 x 140	7,0 x 165	50	200
PR-10160	10 x 160	7,0 x 185	50	200

Carton box				
HX-12	12 x 60	8,0 x 130	50	200

WX W-WX BS

Ø6 | 8 | 10 | 12

Expansion plug with round hook



ITB-K01-2018/0523



Carton box				
WX-06	6,0 x 30	4,0 x 55	100	1600
WX-08	8,0 x 40	4,5 x 65	100	1200
WX-10	10 x 50	5,5 x 90	100	800
WX-12	12 x 60	7,5 x 97	100	400

Bag				
WX-08	8,0 x 40	4,5 x 65	20	25

Blister				
BS-06(X10)	6,0 x 30	4,0 x 55	12	10
BS-08(X10)	8,0 x 40	4,5 x 65	7	10
BS-10(X10)	10 x 50	5,5 x 90	5	10
BS-12(X9)	12 x 60	7,5 x 97	3	9

KPR-PIKE-K W-KPR-PIKE-K

ø8

Frame plug with hex head screw



ITB-KOT-2013/0528



Carton box				
KPR-PIKE-08065K	8,0 x 65	6,0 x 70	100	800
KPR-PIKE-08080K	8,0 x 80	6,0 x 80	50	600
KPR-PIKE-08100K	8,0 x 100	6,0 x 100	50	600
KPR-PIKE-08120K	8,0 x 120	6,0 x 120	50	400
KPR-PIKE-08140K	8,0 x 140	6,0 x 140	50	400

Bag			
W-KPR-PIKE-08080K	8,0 x 80	6,0 x 80	10
W-KPR-PIKE-08100K	8,0 x 100	6,0 x 100	8

KPR-PIKE-SK W-KPR-PIKE-SK

ø8

Framed plug with countersunk head screw PZ



ITB-KOT-2013/0528



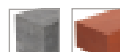
Carton box				
KPR-PIKE-08065SK	8,0 x 65	6,0 x 70	100	800
KPR-PIKE-08080SK	8,0 x 80	6,0 x 80	50	600
KPR-PIKE-08100SK	8,0 x 100	6,0 x 100	50	600
KPR-PIKE-08120SK	8,0 x 120	6,0 x 120	50	400
KPR-PIKE-08140SK	8,0 x 140	6,0 x 140	50	400

Bag			
W-KPR-PIKE-08065SK	8,0 x 65	6,0 x 70	25
W-KPR-PIKE-08080SK	8,0 x 80	6,0 x 80	10

KRX W-KRX BKR

ø6 | 8 | 10

3-Way expansion plug with countersunk wood screw PZ-2/PZ-3



ITB-KOT-2013/0528



Carton box				
KRX-063530	6,0 x 30	3,5 x 30	200	3200
KRX-063535	6,0 x 30	3,5 x 35	200	3200
KRX-063540	6,0 x 30	3,5 x 40	200	3200
KRX-063550	6,0 x 30	3,5 x 50	200	3200
KRX-063560	6,0 x 30	3,5 x 60	200	2400
KRX-084040	8,0 x 40	4,0 x 40	100	1600
KRX-084045	8,0 x 40	4,0 x 45	100	1600
KRX-084050	8,0 x 40	4,0 x 50	100	1600
KRX-084060	8,0 x 40	4,0 x 60	100	1600
KRX-085050	8,0 x 50	5,0 x 50	100	1200
KRX-085060	8,0 x 50	5,0 x 60	100	1200
KRX-085070	8,0 x 50	5,0 x 70	100	800
KRX-085080	8,0 x 50	5,0 x 80	100	800
KRX-085100	8,0 x 50	5,0 x 100	100	800
KRX-105050	10 x 50	5,0 x 50	100	1200
KRX-105060	10 x 50	5,0 x 60	100	800
KRX-105070	10 x 50	5,0 x 70	100	800
KRX-105080	10 x 50	5,0 x 80	100	800
KRX-105100	10 x 50	5,0 x 100	100	800
KRX-106060	10 x 60	6,0 x 60	100	800
KRX-106070	10 x 60	6,0 x 70	100	800
KRX-106080	10 x 60	6,0 x 80	100	400
KRX-106100	10 x 60	6,0 x 100	100	400
KRX-106120	10 x 60	6,0 x 120	100	400

Bag				
W-KRX-063535	6,0 x 30	3,5 x 30	90	22
W-KRX-084045	8,0 x 40	4,0 x 45	50	16
W-KRX-085060	8,0 x 50	5,0 x 60	30	18
W-KRX-105060	10 x 50	5,0 x 60	25	18

Blister				
BKR-063530(X10)	6,0 x 30	3,5 x 30	25	10
BKR-063535(X10)	6,0 x 30	3,5 x 35	22	10
BKR-063540(X10)	6,0 x 30	3,5 x 40	18	10
BKR-084045(X10)	8,0 x 40	4,0 x 45	14	10
BKR-084050(X10)	8,0 x 40	4,0 x 50	14	10
BKR-084060(X10)	8,0 x 40	4,0 x 60	12	10
BKR-085060(X10)	8,0 x 50	5,0 x 60	8	10
BKR-105060(X10)	10 x 50	5,0 x 60	7	10



Ø10 | 12 | 14

Expansion plug with hex head screw, SW-10, 13, 17, 19



ITB-KKT-2018/0529



Carton box	Diagram 1	Diagram 2	Diagram 3	Diagram 4
KKX-10060	10 x 60	6.0 x 60	100	800
KKX-10070	10 x 60	6.0 x 70	100	800
KKX-10080	10 x 60	6.0 x 80	100	400
KKX-10090	10 x 60	6.0 x 90	100	400
KKX-10100	10 x 60	6.0 x 100	100	400
KKX-10120	10 x 60	6.0 x 120	100	400
KKX-10140	10 x 60	6.0 x 140	100	400
KKX-12060	12 x 60	8.0 x 60	100	400
KKX-12070	12 x 60	8.0 x 70	100	400
KKX-12080	12 x 60	8.0 x 80	100	400
KKX-12090	12 x 60	8.0 x 90	100	400
KKX-12100	12 x 80	8.0 x 100	50	400
KKX-12120	12 x 80	8.0 x 120	50	400
KKX-12140	12 x 80	8.0 x 140	50	400
KKX-12160	12 x 80	8.0 x 160	50	400
KKX-12180	12 x 80	8.0 x 180	50	200
KKX-12200	12 x 80	8.0 x 200	50	200
KKX-14080	14 x 80	10 x 80	50	200
KKX-14100	14 x 80	10 x 100	50	200
KKX-14120	14 x 80	10 x 120	50	200
KKX-14140	14 x 80	10 x 140	50	200
KKX-14160	14 x 80	10 x 160	25	100
KKX-14180	14 x 80	10 x 180	25	100
KKX-14200	14 x 80	10 x 200	25	100

Bag	Diagram 1	Diagram 2	Diagram 3	Diagram 4
W-KKK-10060	10 x 60	6.0 x 60	20	14
W-KKK-10080	10 x 60	6.0 x 80	16	20
W-KKK-12060	12 x 60	8.0 x 60	10	22
W-KKK-12080	12 x 60	8.0 x 80	8	25
W-KKK-12100	12 x 80	8.0 x 100	6	20

Blister	Diagram 1	Diagram 2	Diagram 3	Diagram 4
BK-10060(X9)	10 x 60	6.0 x 60	8	9
BK-10080(X9)	10 x 60	6.0 x 80	7	9
BK-10100(X9)	10 x 60	6.0 x 100	6	9
BK-10120(X9)	10 x 60	6.0 x 120	5	9
BK-12060(X9)	12 x 60	8.0 x 60	5	9
BK-12080(X9)	12 x 60	8.0 x 80	4	9
BK-12100(X9)	12 x 80	8.0 x 100	3	9
BK-12120(X9)	12 x 80	8.0 x 120	3	9
BK-14100(X9)	14 x 80	10 x 100	2	9
BK-14120(X9)	14 x 80	10 x 120	2	9

UNIVERSAL PLUG



Ø8 | 10 | 12 | 16

Universal plug



Bag	Diagram 1	Diagram 2
W-KPR-08065	8.0 x 65	50
W-KPR-08080	8.0 x 80	50
W-KPR-08100	8.0 x 100	50
W-KPR-08120	8.0 x 120	50
W-KPR-08140	8.0 x 140	50



Bag	Diagram 1	Diagram 2
W-KPR-10080	10 x 80	50
W-KPR-10100	10 x 100	50
W-KPR-10120	10 x 120	50
W-KPR-10140	10 x 140	50
W-KPR-10160	10 x 160	25
W-KPR-10180	10 x 180	25
W-KPR-10200	10 x 200	25
W-KPR-10230	10 x 230	25



Bag	Diagram 1	Diagram 2
W-KPR-12100	12 x 100	25
W-KPR-12120	12 x 120	25
W-KPR-12140	12 x 140	25
W-KPR-12160	12 x 160	25
W-KPR-12180	12 x 180	25
W-KPR-12200	12 x 200	25





KPX



BKP

Ø 6 | 8 | 10 | 12 | 14 | 16

Universal plug



Carton box



KPX-06030	6,0 x 30	1000	4000
KPX-08040	8,0 x 40	500	2000
KPX-08050	8,0 x 50	400	1600
KPX-10050	10 x 50	300	1200
KPX-10060	10 x 60	200	800
KPX-12060	12 x 60	150	600
KPX-12080	12 x 80	100	400
KPX-14080	14 x 80	100	400
KPX-16100	16 x 100	50	200



Blister



BKP-06030(X20)	6,0 x 30	35	20
BKP-08040(X10)	8,0 x 40	22	10
BKP-08050(X10)	8,0 x 50	14	10
BKP-10050(X10)	10 x 50	14	10
BKP-10060(X10)	10 x 60	10	10
BKP-12060(X9)	12 x 60	10	9
BKP-12080(X9)	12 x 80	7	9
BKP-14080(X20)	14 x 80	6	20



KNX

Ø 6 | 8 | 10 | 12 | 14 | 16

Universal plug



Carton box



KNX-06030	6,0 x 30	1000	4000
KNX-08040	8,0 x 40	500	2000
KNX-08050	8,0 x 50	400	1600
KNX-10050	10 x 50	300	1200
KNX-10060	10 x 60	200	800
KNX-12060	12 x 60	150	600
KNX-12080	12 x 80	100	400
KNX-14080	14 x 80	100	400
KNX-16100	16 x 100	50	200



UNIVERSAL FASTENING FOR ALL SUBSTRATE TYPES

SFXP
SFXK

INNOVATIVE SLEEVE DESIGN

Anti-rotation lugs keep the sleeve in place while screwing in the screw and increase expansion force in the substrate.

Unique sleeve design is suitable for all substrate types, what makes this fixing solution very universal.

SECURE FASTENING

Unique design of the sleeve guarantees activation of „knotting“ function in perforated substrates with voids thus increasing pressing of the sleeve against the wall of the drilled hole.

FAST AND EASY INSTALLATION

Inner shape design of sleeve reduces the possibility of a screw being incorrectly driven inside the sleeve and thus eliminate weak expansion as the screw is guided centrally towards the end of sleeve.



SFXP BSFXP

Ø5 | 6 | 8 | 10

Universal plug with PZ-2/PZ-3 countersunk head screw



ITB-K01-2021/1847



Carton box	Diagram 1	Diagram 2	Diagram 3	Diagram 4
SFXP-05025035	5,0 x 25	3,5 x 35	200	3200
SFXP-05025045	5,0 x 25	3,5 x 45	200	3200
SFXP-06030040	6,0 x 30	4,0 x 40	100	1600
SFXP-06030050	6,0 x 30	4,0 x 50	100	1600
SFXP-08040050	8,0 x 40	5,0 x 50	100	1200
SFXP-08040060	8,0 x 40	5,0 x 60	100	1200
SFXP-10050060	10 x 50	6,0 x 60	25	400
SFXP-10050070	10 x 50	6,0 x 70	50	600
SFXP-10060070	10 x 60	6,0 x 70	25	400
SFXP-10060080	10 x 60	6,0 x 80	50	600

Blister	Diagram 1	Diagram 2	Diagram 3	Diagram 4
BSFXP-05025035(X10)	5,0 x 25	3,5 x 35	14	10
BSFXP-05025045(X10)	5,0 x 25	3,5 x 45	14	10
BSFXP-06030040(X10)	6,0 x 30	4,0 x 40	14	10
BSFXP-06030050(X10)	6,0 x 30	4,0 x 50	12	10
BSFXP-08040050(X10)	8,0 x 40	5,0 x 50	8	10
BSFXP-08040060(X10)	8,0 x 40	5,0 x 60	8	10
BSFXP-10050060(X10)	10 x 50	6,0 x 60	4	10
BSFXP-10050070(X10)	10 x 50	6,0 x 70	4	10
BSFXP-10060070(X10)	10 x 60	6,0 x 70	4	10
BSFXP-10060080(X10)	10 x 60	6,0 x 80	4	10

SFXK BSFXK

Ø10

Universal plug Ø10 with hex head screw



ITB-K01-2021/1247



Carton box	Diagram 1	Diagram 2	Diagram 3	Diagram 4
SFXK-10050060	10 x 50	6,0 x 60	25	800
SFXK-10050070	10 x 50	6,0 x 70	25	400
SFXK-10060070	10 x 60	6,0 x 70	25	800
SFXK-10060080	10 x 60	6,0 x 80	25	800

Blister	Diagram 1	Diagram 2	Diagram 3	Diagram 4
BSFXK-10050060(X10)	10 x 50	6,0 x 60	4	10
BSFXK-10050070(X10)	10 x 50	6,0 x 70	4	10
BSFXK-10060070(X10)	10 x 60	6,0 x 70	4	10
BSFXK-10060080(X10)	10 x 60	6,0 x 80	4	10

SFXC BSFXC

Ø6 | 8

Universal plug with round hook



ITB-K01-2021/1847



Carton box	Diagram 1	Diagram 2	Diagram 3	Diagram 4
SFXC-06030065	6,0 x 30	3,5 x 65	50	1600
SFXC-08040083	8,0 x 40	4,5 x 83	25	800

Blister	Diagram 1	Diagram 2	Diagram 3	Diagram 4
BSFXC-06030065(X10)	6,0 x 30	3,5 x 65	6	10
BSFXC-08040083(X10)	8,0 x 40	4,5 x 83	4	10

SFXL BSFXL

Ø6 | 8

Universal plug with straight hook



ITB-K01-2021/1847



Carton box	Diagram 1	Diagram 2	Diagram 3	Diagram 4
SFXL-06030048	6,0 x 30	3,5 x 48	50	1600
SFXL-08040065	8,0 x 40	4,5 x 65	25	800

Blister	Diagram 1	Diagram 2	Diagram 3	Diagram 4
BSFXL-06030048(X10)	6,0 x 30	3,5 x 48	6	10
BSFXL-08040065(X10)	8,0 x 40	4,5 x 65	4	10

UNIVERSAL FIXINGS

SFX0 BSFX0

ø6 | 8

Universal plug with eye-bolt



118-K01-2021/184/



Carton box	Diagram	Diagram	Icon	Icon
SFX0-06030064	6,0 x 30	3,5 x 64	50	1600
SFX0-08040085	8,0 x 40	4,5 x 85	25	800

Blister	Diagram	Diagram	Icon	Icon
BSFX0-06030064(X10)	6,0 x 30	3,5 x 64	6	10
BSFX0-08040085(X10)	8,0 x 40	4,5 x 85	4	10

SFX BSFX

ø5 | 6 | 8 | 10

Universal plug



Carton box	Diagram	Icon	Icon
SFX-05025	5,0 x 25	400	6400
SFX-06030	6,0 x 30	200	3200
SFX-08040	8,0 x 40	200	2400
SFX-10050	10 x 50	100	1200
SFX-10060	10 x 60	100	1200

Blister	Diagram	Icon	Icon
BSFX-05025(X10)	5,0 x 25	35	10
BSFX-06030(X10)	6,0 x 30	35	10
BSFX-08040(X10)	8,0 x 40	14	10
BSFX-10050(X10)	10 x 50	10	10
BSFX-10060(X10)	10 x 60	10	10

KW W-KW BKW

ø6 | 8 | 10

Multi-purpose plug with hardened wood screw, PZ-2/PZ-3



Carton box	Diagram	Diagram	Icon	Icon
KW-06045	6,0 x 35	3,5 x 45	100	1600
KW-06060	6,0 x 50	3,5 x 60	100	1600
KW-08060	8,0 x 50	4,5 x 60	100	1200
KW-08080	8,0 x 50	4,5 x 80	100	1200
KW-10080	10 x 60	6,0 x 80	100	400
KW-10100	10 x 60	6,0 x 100	100	400

Bag	Diagram	Diagram	Icon	Icon
W-KW-06045	6,0 x 35	3,5 x 45	80	18
W-KW-06060	6,0 x 50	3,5 x 60	40	22
W-KW-08060	8,0 x 50	4,5 x 60	25	18

Blister	Diagram	Diagram	Icon	Icon
BKW-06045(X10)	6,0 x 35	3,5 x 45	14	10
BKW-06060(X10)	6,0 x 50	3,5 x 60	12	10
BKW-08060(X10)	8,0 x 50	4,5 x 60	8	10
BKW-10080(X10)	8,0 x 50	4,5 x 80	4	10

RUL BRUL

ø6 | 8

Universal plug with straight hook



Carton box	Diagram	Diagram	Icon	Icon
RUL-06048	6,0 x 35	3,5 x 48	50	1600
RUL-08065	8,0 x 50	4,5 x 65	25	400

Blister	Diagram	Diagram	Icon	Icon
BRUL-06048(X10)	6,0 x 35	3,5 x 48	6	10
BRUL-08065(X10)	8,0 x 50	4,5 x 65	4	10

RUO BRUO

ø6 | 8

Universal plug with eye hook



Carton box	6,0 x 35	3,5 x 64	57	1600
RUO-06064	6,0 x 35	3,5 x 64	57	1600
RUO-08084	8,0 x 50	4,5 x 84	25	400

Blister	6,0 x 35	3,5 x 64	6	10
BRUO-06064(X10)	6,0 x 35	3,5 x 64	6	10
BRUO-08084(X10)	8,0 x 50	4,5 x 84	4	10

RUC BRUC

ø6 | 8

Universal plug with round hook



Carton box	6,0 x 35	3,5 x 65	57	1600
RUC-06065	6,0 x 35	3,5 x 65	57	1600
RUC-08083	8,0 x 50	4,5 x 83	25	400

Blister	6,0 x 35	3,5 x 65	6	10
BRUC-06065(X10)	6,0 x 35	3,5 x 65	6	10
BRUC-08083(X10)	8,0 x 50	4,5 x 83	4	10

KPU

ø6 | 8 | 10

Universal plug

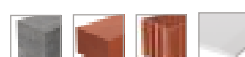


Carton box	6,0 x 35	500	4000
KPU-06035	6,0 x 35	500	4000
KPU-08050	8,0 x 50	300	1200
KPU-10060	10 x 60	200	800

KPW

ø6 | 8 | 10

Universal plug



Carton box	6,0 x 35	500	4000
KPW-06035	6,0 x 35	500	4000
KPW-06050	6,0 x 50	500	2000
KPW-08050	8,0 x 50	300	1200
KPW-10060	10 x 60	200	800

RU BRU

ø6 | 8 | 10

Universal plug with hardened wood screw, PZ-2/PZ-3



Carton box	6,0 x 35	3,5 x 45	100	1600
RU-06045	6,0 x 35	3,5 x 45	100	1600
RU-06060	6,0 x 35	3,5 x 60	100	1600
RU-08060	8,0 x 50	4,5 x 60	100	1200
RU-08080	8,0 x 50	4,5 x 80	100	1200
RU-10080	10 x 60	6,0 x 80	100	400
RU-10100	10 x 60	6,0 x 100	100	400

Bag	6,0 x 35	3,5 x 45	50	24
W-RU-06045	6,0 x 35	3,5 x 45	50	24
W-RU-08060	8,0 x 50	4,5 x 60	25	18

Blister	6,0 x 35	3,5 x 45	14	10
BRU-06045(X10)	6,0 x 35	3,5 x 45	14	10
BRU-06060(X10)	6,0 x 35	3,5 x 60	12	10
BRU-08060(X10)	8,0 x 50	4,5 x 60	8	10
BRU-10080(X10)	10 x 60	6,0 x 80	4	10

FAST AND EASY PUSH-THROUGH INSTALLATION

SM / SMN

REDUCTION OF INSTALLATION TIME

Special design of hammer drive fixings is allowing their intended use in application requiring fast and easy multiple fastening



INCREASED HEAD DIAMETER OF SCREW

It exerts greater surface pressure on the elements being fastened.



COUNTERSUNK HEAD OF SCREW

Countersunk head of screw is more massive and shank under head has a significant thickening.



OPTIMUM EXPANSION ZONE

Ensures ideal expansion in wide range of substrates.



Countersunk collar
(SM, SMN)



Flat collar
(SMK, SMNK)



Cylindrical collar
(SMKC, SMNKC)

FRAME FIXINGS, UNIVERSAL FIXINGS, HAMMER DRIVE FIXINGS

KLIMAS

FASTENER TECHNOLOGIES

 **SM**
 **W-SM**
 **BSM**

Ø 5 | 6 | 8 | 10

Hammer drive fixing, PZ-2/PZ-3 - sleeve made from polyethylene



 Carton box				
SM-05025*	5x25	3,5x30	200	2400
SM-05030*	5x30	3,5x35	200	2400
SM-05035	5x35	3,5x40	200	2400
SM-05040*	5x40	3,5x45	200	2400
SM-05050	5x50	3,5x55	200	2400
SM-06035*	6x35	3,9x40	200	2400
SM-06040	6x40	3,9x45	200	2400
SM-06050	6x50	3,9x55	200	1600
SM-06060	6x60	3,9x65	200	1600
SM-06080	6x80	3,9x85	100	1200
SM-08050	8x50	4,9x55	100	800
SM-08060	8x60	4,9x65	100	800
SM-08080	8x80	4,9x85	100	800
SM-08100	8x100	4,9x105	100	800
SM-08120	8x120	4,9x125	100	400
SM-08140	8x140	4,9x145	100	400
SM-08160	8x160	4,9x165	100	400
SM-10080	10x80	6,9x90	50	400
SM-10100	10x100	6,9x110	50	400
SM-10120	10x120	6,9x130	50	400
SM-10140	10x140	6,9x150	50	200
SM-10160	10x160	6,9x170	50	200
SM-10180	10x180	6,9x190	50	200
SM-10200	10x200	6,9x210	50	200
SM-10220	10x220	6,9x230	50	200

 Bag				
W-SM-06040	5x25	3,5x30	50	18
W-SM-06060	5x30	3,5x35	40	18
W-SM-06080	5x35	3,5x40	30	22
W-SM-08060	5x50	3,5x55	25	19
W-SM-08080	6x35	3,9x40	20	20
W-SM-08100	6x40	3,9x45	16	20
W-SM-10100	6x50	3,9x55	10	20

 Blister				
BSM-05040(X9)	5x40	3,5x45	22	9
BSM-06040(X9)	6x40	3,9x45	20	9
BSM-06060(X9)	6x60	3,9x65	14	9
BSM-06080(X9)	6x80	3,9x85	11	9
BSM-08050(X9)	8x50	4,9x55	12	9
BSM-08060(X9)	8x60	4,9x65	9	9
BSM-08080(X9)	8x80	4,9x85	7	9
BSM-08100(X9)	8x100	4,9x105	5	9
BSM-08120(X9)	8x120	4,9x125	5	9
BSM-10100(X9)	10x100	6,9x110	4	9
BSM-10120(X9)	10x120	6,9x130	3	9

*on request and order

 **SMN**

Ø 5 | 6 | 8 | 10

Hammer drive fixing, PZ-2/PZ-3 - sleeve made from polyamide



 Carton box				
SMN-05025*	5x25	3,5x30	200	2400
SMN-05030*	5x30	3,5x35	200	2400
SMN-05035*	5x35	3,5x40	200	2400
SMN-05040*	5x40	3,5x45	200	2400
SMN-05050*	5x50	3,5x55	200	2400
SMN-06035*	6x35	3,9x40	200	2400
SMN-06040	6x40	3,9x45	200	2400
SMN-06050	6x50	3,9x55	200	1600
SMN-06060	6x60	3,9x65	200	1600
SMN-06080	6x80	3,9x85	100	1200
SMN-08050	8x50	4,9x55	100	800
SMN-08060	8x60	4,9x65	100	800
SMN-08080	8x80	4,9x85	100	800
SMN-08100	8x100	4,9x105	100	800
SMN-08120	8x120	4,9x125	100	400
SMN-08140	8x140	4,9x145	100	400
SMN-08160	8x160	4,9x165	100	400
SMN-10080	10x80	6,9x90	50	400
SMN-10100	10x100	6,9x110	50	400
SMN-10120	10x120	6,9x130	50	400
SMN-10140	10x140	6,9x150	50	200
SMN-10160	10x160	6,9x170	50	200
SMN-10180	10x180	6,9x190	50	200
SMN-10200	10x200	6,9x210	50	200
SMN-10220	10x220	6,9x230	50	200

*on request and order



SMK W-SMK BSMK

Ø 5 | 6 | 8

Hammer drive fixing with collar, PZ-2 - sleeve made from polyethylene



SMNK

Ø 5 | 6 | 8

Hammer drive fixing with collar, PZ-2 - sleeve made from polyamide



Carton box				
SMK-05025*	5x25	3,5x30	200	2400
SMK-05030*	5x30	3,5x35	200	2400
SMK-05035*	5x35	3,5x40	200	2400
SMK-05040*	5x40	3,5x45	200	2400
SMK-05050*	5x50	3,5x55	200	2400
SMK-06035*	6x35	3,9x40	200	2400
SMK-06040	6x40	3,9x45	200	2400
SMK-06050*	6x50	3,9x55	200	1600
SMK-06060	6x60	3,9x65	200	1600
SMK-06080	6x80	3,9x85	100	1200
SMK-08050	8x50	4,9x55	100	800
SMK-08060	8x60	4,9x65	100	800
SMK-08080	8x80	4,9x85	100	800
SMK-08100	8x100	4,9x105	100	800
SMK-08120	8x120	4,9x125	100	400

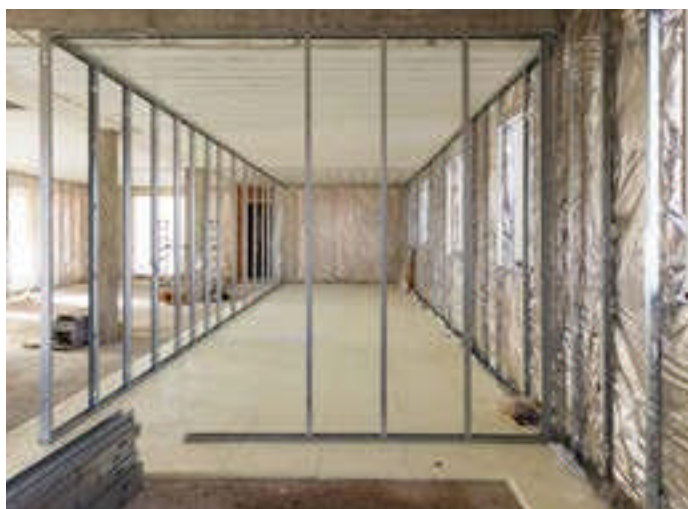
Bag				
W-SMK-06040	6x40	3,9x45	50	18
W-SMK-06060	6x60	3,9x65	40	16

Blister				
BSMK-06040(X9)	6x40	3,9x45	20	9
BSMK-06060(X9)	6x60	3,9x65	14	9
BSMK-06080(X9)	6x80	3,9x85	11	9

* on request and order

Carton box				
SMNK-05025*	5x25	3,5x30	200	2400
SMNK-05030*	5x30	3,5x35	200	2400
SMNK-05035*	5x35	3,5x40	200	2400
SMNK-05040*	5x40	3,5x45	200	2400
SMNK-05050*	5x50	3,5x55	200	2400
SMNK-06035*	6x35	3,9x40	200	2400
SMNK-06040	6x40	3,9x45	200	2400
SMNK-06050*	6x50	3,9x55	200	1600
SMNK-06060	6x60	3,9x65	200	1600
SMNK-06080	6x80	3,9x85	100	1200
SMNK-08050*	8x50	4,9x55	100	800
SMNK-08060*	8x60	4,9x65	100	800
SMNK-08080*	8x80	4,9x85	100	800
SMNK-08100*	8x100	4,9x105	100	800
SMNK-08120*	8x120	4,9x125	100	400

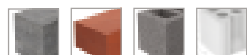
* on request and order



SMKC BSMKC

ø5 | 6 | 8

Hammer drive fixing with cylindrical collar, PZ-2 - sleeve made from polyethylene



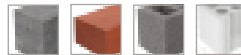
ETA-19/0156



SMNKC

ø5 | 6 | 8

Hammer drive fixing with cylindrical collar, PZ-2 - sleeve made from polyamide



ETA-19/0156



Carton box				
SMKC-05025*	5x25	3,5x30	200	2400
SMKC-05030*	5x30	3,5x35	200	2400
SMKC-05035	5x35	3,5x40	200	2400
SMKC-05040*	5x40	3,5x45	200	2400
SMKC-05050	5x50	3,5x55	200	2400
SMKC-06035*	6x35	3,9x40	200	2400
SMKC-06040	6x40	3,9x45	200	2400
SMKC-06050*	6x50	3,9x55	200	1600
SMKC-06060	6x60	3,9x65	200	1600
SMKC-06080*	6x80	3,9x85	100	1200
SMKC-08050*	8x50	4,9x55	100	800
SMKC-08060*	8x60	4,9x65	100	800
SMKC-08080*	8x80	4,9x85	100	800
SMKC-08100*	8x100	4,9x105	100	800
SMKC-08120*	8x120	4,9x125	100	400

Blister				
BSMKC-05035(X9)	5x35	3,5x40	25	9
BSMKC-06040(X9)	6x40	3,9x45	20	9
BSMKC-06060(X9)	6x60	3,9x65	14	9

* on request and order



Carton box				
SMNKC-05025*	5x25	3,5x30	200	2400
SMNKC-05030*	5x30	3,5x35	200	2400
SMNKC-05035*	5x35	3,5x40	200	2400
SMNKC-05040*	5x40	3,5x45	200	2400
SMNKC-05050*	5x50	3,5x55	200	2400
SMNKC-06035*	6x35	3,9x40	200	2400
SMNKC-06040*	6x40	3,9x45	200	2400
SMNKC-06050*	6x50	3,9x55	200	1600
SMNKC-06060*	6x60	3,9x65	200	1600
SMNKC-06080*	6x80	3,9x85	100	1200
SMNKC-08050*	8x50	4,9x55	100	800
SMNKC-08060*	8x60	4,9x65	100	800
SMNKC-08080*	8x80	4,9x85	100	800
SMNKC-08100*	8x100	4,9x105	100	800
SMNKC-08120*	8x120	4,9x125	100	400

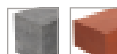
* on request and order

DOORSTOP

BODB

ø8

Doorstop



Blister			
BODB-08060BI	☐	1	5
BODB-08060BR	☒	1	5
BODB-08060CZ	☐	1	5
BODB-08060SZ	☐	1	5

NEW MILLING TIP



TIMBER CONSTRUCTION SCREWS

WKCP, WKCS, KMWHT



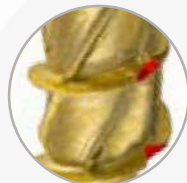
NEW CUTTING EDGE

New special design of cutting edge with added milling **reduces screwing resistance by 20%**. This helps to extend the life of batteries and power tools.



DOUBLE THREAD

Additional recessed second thread **improve remarkably a speed of timber penetration** and reaction time of first grip into the wood.



SERRATED THREAD

Special cutting notches integrated on the thread **cuts wood fibres structure while screwing in**.



WAX COATING

With a special wax coating needed torque has been reduced significantly. This provides faster and easier installation in same time extending the battery life of power tools.

NEW TIP

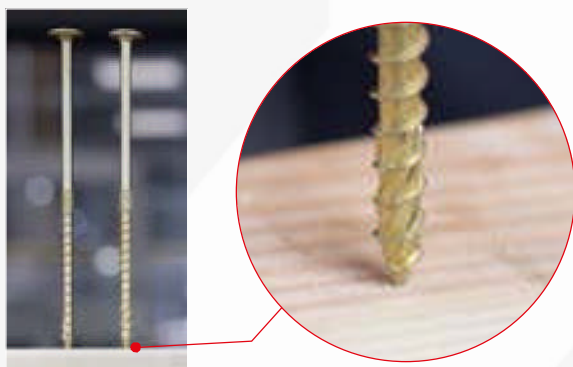


EASY AND FAST
MONTAGE



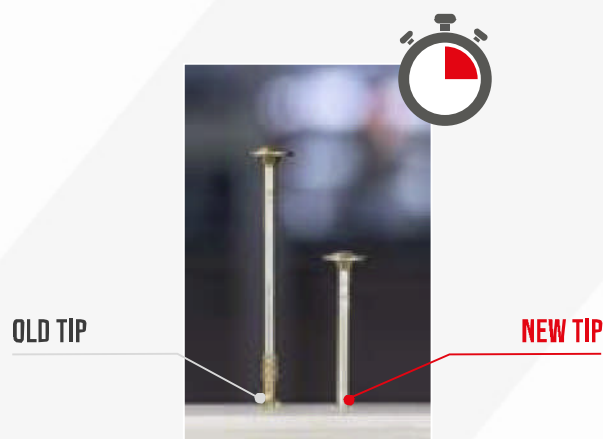
DOUBLE THREAD - QUICKER SCREWING

Additional recessed second thread turn rolled out to the tip of the screw **reduce the reaction time of first grip into the wood**. Such advantage is particularly important on the project site, when fastening wooden elements in the area with limited access and applying extra pressure is difficult. In such kind of situation the double thread ensures to reach the same effect with much lower pressure.



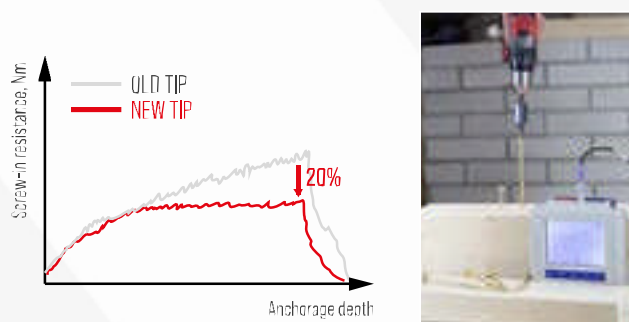
UP TO 40% FASTER SCREWING TIME

Testing performed prior to new product implementation confirmed, that new design of cutting edge provides **reduction of screwing time by up to 40%** with same pressure applied during installation. Exact time reduction result depends on type of fastening and wooden elements itself.



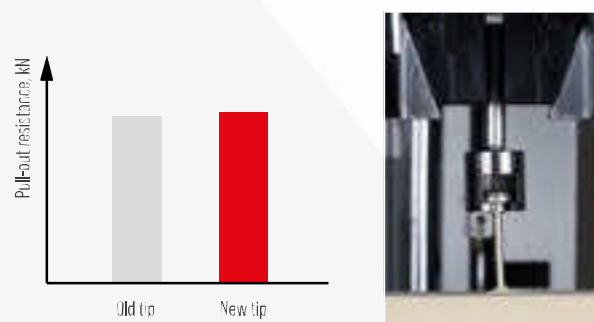
20 % LESS SCREWING RESISTANCE

The new design of cutting edge with added milling **reduces screwing resistance and friction by 20 %**. This parameter is especially needed for contractors, who use power tools on a daily basis - as this extends the battery life.



HIGH PERFORMANCE PARAMETERS

Designed in cooperation with contractors, the new cutting edge with added milling **easy screwing and improves performance parameters** such as pull-out and shear resistance, etc.



PRODUCT CODES AND BARCODES OF PRODUCTS REMAIN THE SAME

OLD TIP



NEW TIP



NEW!

SCREW FOR WOODEN CONSTRUCTIONS

WKFC / WKFS

NEW IN THE OFFER!

FULL THREAD

WITHOUT ELEMENTS BEING OVER TIGHTEN TO EACH OTHER.



NEW CUTTING EDGE

New special design of cutting edge with added milling reduces screwing resistance by 20%. This helps to extend the life of batteries and power tools.



DOUBLE THREAD

Additional recessed second thread improve remarkably a speed of timber penetration and reaction time of first grip into the wood.



WAX COATING

With a special wax coating needed torque has been reduced significantly. This provides faster and easier installation in same time extending the battery life of power tools.



EUROPEAN TECHNICAL ASSESSMENT
ETA-18/0817

WKFC

Ø6 | 8 | 10

Screw for wooden constructions with full thread and cylindrical head



ETA-18/0817



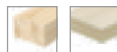
WKFC-06080-B*	6x80	72	100
WKFC-06100-B*	6x100	92	100
WKFC-06120-B*	6x120	112	100
WKFC-06140-B*	6x140	132	100
WKFC-06160-B*	6x160	152	100
WKFC-06180-B*	6x180	172	100
WKFC-06200-B*	6x200	192	100
WKFC-06220-B*	6x220	212	100
WKFC-06240-B*	6x240	232	100
WKFC-06260-B*	6x260	252	100
WKFC-06280-B*	6x280	272	100
WKFC-06300-B*	6x300	292	100
WKFC-08120-B*	8x120	105	50
WKFC-08140-B*	8x140	125	50
WKFC-08160-B*	8x160	145	50
WKFC-08180-B*	8x180	165	50
WKFC-08200-B*	8x200	185	50
WKFC-08220-B*	8x220	205	50
WKFC-08240-B*	8x240	225	50
WKFC-08260-B*	8x260	245	50
WKFC-08280-B*	8x280	265	50
WKFC-08300-B*	8x300	285	50
WKFC-08350-B*	8x350	335	50
WKFC-08400-B*	8x400	385	50
WKFC-08450-B*	8x450	435	50
WKFC-08500-B*	8x500	485	50
WKFC-10300-B*	10x300	285	25
WKFC-10330-B*	10x330	315	25
WKFC-10360-B*	10x360	345	25
WKFC-10400-B*	10x400	385	25
WKFC-10450-B*	10x450	435	25
WKFC-10500-B*	10x500	485	25
WKFC-10550-B*	10x550	535	25
WKFC-10600-B*	10x600	585	25

*on request and order

WKFS

Ø8 | 10

Screw for wooden constructions with full thread and countersunk head



ETA-18/0817



WKFS-08120-B*	8x120	105	50
WKFS-08140-B*	8x140	125	50
WKFS-08160-B*	8x160	145	50
WKFS-08180-B*	8x180	165	50
WKFS-08200-B*	8x200	185	50
WKFS-08220-B*	8x220	205	50
WKFS-08240-B*	8x240	225	50
WKFS-08260-B*	8x260	245	50
WKFS-08280-B*	8x280	265	50
WKFS-08300-B*	8x300	285	50
WKFS-08350-B*	8x350	335	50
WKFS-08400-B*	8x400	385	50
WKFS-08450-B*	8x450	435	50
WKFS-08500-B*	8x500	485	50
WKFS-10300-B*	10x300	285	25
WKFS-10330-B*	10x330	315	25
WKFS-10360-B*	10x360	345	25
WKFS-10400-B*	10x400	385	25
WKFS-10450-B*	10x450	435	25
WKFS-10500-B*	10x500	485	25
WKFS-10550-B*	10x550	535	25
WKFS-10600-B*	10x600	585	25

*on request and order

WKPC

Ø8

Screws with double thread for over-rafter insulation, TX



ETA-18/0817



WKPC-08165-B*	8x165	100	50
WKPC-08195-B*	8x195	100	50
WKPC-08225-B*	8x225	100	50
WKPC-08235-B*	8x235	100	50
WKPC-08255-B*	8x255	100	50
WKPC-08275-B*	8x275	100	50
WKPC-08302-B*	8x302	100	50
WKPC-08335-B*	8x335	100	50
WKPC-08365-B*	8x365	100	50
WKPC-08297-B*	8x297	100	50
WKPC-08435-B*	8x435	100	50
WKPC-08472-B*	8x472	100	50

*on request and order



NEW!

ROUND HEAD SCREW FOR PLATES

WKLC

UNDERHEAD REINFORCEMENT

Wider screw diameter under the head improves shear strength of the screw.



ROUND HEAD WITH CYLINDRICAL UNDERHEAD AND TX DRIVE

Allows safe and secure fastening of perforated and angular metal plates.



NEW CUTTING EDGE

New special design of cutting edge with added milling reduces screwing resistance by 20%. This helps to extend the life of batteries and power tools.



DOUBLE THREAD

Additional recessed second thread improve remarkably a speed of timber penetration and reaction time of first grip into the wood.



WAX COATING

With a special wax coating needed torque has been reduced significantly. This provides faster and easier installation in same time extending the battery life of power tools.

WKCP

Ø 6 | 8 | 10

Flange head construction screw. TX



WKCS

Ø 8 | 10

Countersunk head construction screw. TX



F14-18/0817



Carton box

WKCP-06050	6,0 x 50	30	100	800
WKCP-06060	6,0 x 60	35	100	800
WKCP-06070	6,0 x 70	40	100	800
WKCP-06080	6,0 x 80	50	100	800
WKCP-06090(100)	6,0 x 90	50	100	1200
WKCP-06100(100)	6,0 x 100	60	100	800
WKCP-06120(100)	6,0 x 120	70	100	800
WKCP-06140(100)	6,0 x 140	70	100	800
WKCP-06160(100)	6,0 x 160	75	100	800
WKCP-06180(100)	6,0 x 180	75	100	800
WKCP-06200(100)	6,0 x 200	75	100	400
WKCP-06220(100)	6,0 x 220	75	100	400
WKCP-06240(100)	6,0 x 240	75	100	400
WKCP-06260(100)	6,0 x 260	75	100	400
WKCP-06280(100)	6,0 x 280	75	100	400
WKCP-06300(100)	6,0 x 300	75	100	400
WKCP-08040	8,0 x 40	40	50	400
WKCP-08050	8,0 x 50	50	50	400
WKCP-08060	8,0 x 60	60	50	400
WKCP-08080	8,0 x 80	50	50	400
WKCP-08100	8,0 x 100	50	50	400
WKCP-08120	8,0 x 120	80	50	400
WKCP-08140(25)	8,0 x 140	80	25	200
WKCP-08160(25)	8,0 x 160	80	25	200
WKCP-08180	8,0 x 180	80	50	200
WKCP-08200	8,0 x 200	80	50	200
WKCP-08220	8,0 x 220	80	50	200
WKCP-08240	8,0 x 240	80	50	200
WKCP-08260	8,0 x 260	80	50	200
WKCP-08280	8,0 x 280	80	50	200
WKCP-08300	8,0 x 300	80	50	200
WKCP-08320	8,0 x 320	80	50	200
WKCP-08340	8,0 x 340	80	50	200
WKCP-08360	8,0 x 360	80	50	200
WKCP-08380	8,0 x 380	80	50	-
WKCP-08400	8,0 x 400	80	50	-
WKCP-10120(25)	10 x 120	80	25	200
WKCP-10140(25)	10 x 140	80	25	200
WKCP-10160(25)	10 x 160	80	25	200
WKCP-10180(25)	10 x 180	80	25	100
WKCP-10200(25)	10 x 200	80	25	100
WKCP-10220	10 x 220	80	25	100
WKCP-10240	10 x 240	80	25	100
WKCP-10260	10 x 260	80	25	100
WKCP-10280	10 x 280	80	25	100
WKCP-10300	10 x 300	80	25	100
WKCP-10320	10 x 320	80	25	100
WKCP-10340	10 x 340	80	25	100
WKCP-10360	10 x 360	80	25	100
WKCP-10380	10 x 380	80	25	-
WKCP-10400	10 x 400	80	25	-

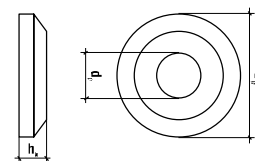
Carton box

WKCS-08080(50)	8,0 x 80	50	50	400
WKCS-08100(50)	8,0 x 100	50	50	400
WKCS-08120(50)	8,0 x 120	80	50	400
WKCS-08140(50)	8,0 x 140	80	50	400
WKCS-08160(50)	8,0 x 160	80	50	400
WKCS-08180(50)	8,0 x 180	80	50	400
WKCS-08200(50)	8,0 x 200	80	50	200
WKCS-08220(50)	8,0 x 220	80	50	200
WKCS-08240(50)	8,0 x 240	80	50	200
WKCS-08260(50)	8,0 x 260	80	50	200
WKCS-08280(50)	8,0 x 280	80	50	200
WKCS-08300(50)	8,0 x 300	80	50	200
WKCS-08320(50)	8,0 x 320	80	50	200
WKCS-08340(50)	8,0 x 340	80	50	200
WKCS-08360(50)	8,0 x 360	80	50	200
WKCS-08380(50)	8,0 x 380	80	50	-
WKCS-08400(50)	8,0 x 400	80	50	-
WKCS-10120	10 x 120	80	50	400
WKCS-10140	10 x 140	80	50	400
WKCS-10160(25)	10 x 160	80	25	200
WKCS-10180(25)	10 x 180	80	25	200
WKCS-10200(25)	10 x 200	80	25	100
WKCS-10220	10 x 220	80	25	100
WKCS-10240	10 x 240	80	25	100
WKCS-10260	10 x 260	80	25	100
WKCS-10280	10 x 280	80	25	100
WKCS-10300	10 x 300	80	25	100
WKCS-10320	10 x 320	80	25	100
WKCS-10340	10 x 340	80	25	100
WKCS-10360	10 x 360	80	25	100
WKCS-10380	10 x 380	80	25	-
WKCS-10400	10 x 400	80	25	-

PWKCS

Ø 8 | 10

Podkładka dociskowa do wkrętów konstrukcyjnych z łbem stożkowym



Carton box

	d _p [mm]	d _p x h _p [mm]		
PWKCS-8 / PWKCS-8(100)	8,5	25 x 5	100	1600
PWKCS-10	11	32 x 6	50	800

KMWHT

Ø3 | 3,5 | 4 | 4,5 | 5 | 6

Countersunk head construction screw, TX



ETA-19/0817 (08)



KMWHT-30030	3,0 x 30	17	500	9700
KMWHT-30035	3,0 x 35	17	500	9000
KMWHT-30040	3,0 x 40	22	500	9700
KMWHT-35030	3,5 x 30	17	500	9700
KMWHT-35035	3,5 x 35	17	500	9000
KMWHT-35040	3,5 x 40	22	500	9700
KMWHT-35050	3,5 x 50	30	400	6400
KMWHT-40030	4,0 x 30	17	500	9000
KMWHT-40035	4,0 x 35	17	500	9000
KMWHT-40040(400)	4,0 x 40	22	500/400	6400
KMWHT-40045	4,0 x 45	30	300	4800
KMWHT-40050	4,0 x 50	30	300	4800
KMWHT-40060	4,0 x 60	35	250	4700
KMWHT-40070(200)	4,0 x 70	40	250/200	2400
KMWHT-45040	4,5 x 40	22	250	4700
KMWHT-45050	4,5 x 50	30	250	4700
KMWHT-45060	4,5 x 60	35	250	4700
KMWHT-45070	4,5 x 70	40	250	4700
KMWHT-45080	4,5 x 80	50	250	3000
KMWHT-50040	5,0 x 40	22	500	6000
KMWHT-50050	5,0 x 50	30	300	3600
KMWHT-50060	5,0 x 60	35	200	2400
KMWHT-50070	5,0 x 70	40	200	2400
KMWHT-50080	5,0 x 80	50	200	2400
KMWHT-50090	5,0 x 90	50	200	2400
KMWHT-50100	5,0 x 100	60	200	2400
KMWHT-50120	5,0 x 120	70	200	1600
KMWHT-60050	6,0 x 50	30	200	2400
KMWHT-60060(100)	6,0 x 60	35	100	1200
KMWHT-60070(100)	6,0 x 70	40	100	1200
KMWHT-60080(100)	6,0 x 80	50	100	1200
KMWHT-60090	6,0 x 90	50	100	1200
KMWHT-60100	6,0 x 100	60	100	1200
KMWHT-60120	6,0 x 120	70	100	800
KMWHT-60140	6,0 x 140	70	100	800
KMWHT-60160	6,0 x 160	75	100	800
KMWHT-60180	6,0 x 180	75	100	800
KMWHT-60200	6,0 x 200	75	100	400
KMWHT-60220	6,0 x 220	75	100	400
KMWHT-60240	6,0 x 240	75	100	400
KMWHT-60260	6,0 x 260	75	100	400
KMWHT-60280	6,0 x 280	75	100	400
KMWHT-60300	6,0 x 300	75	100	400

TECHNICAL SUPPORT

AT EACH STAGE OF INVESTMENT



DO YOU NEED TECHNICAL SUPPORT?

TECHNICAL ADVICE AND ENGINEERING SUPPORT ON THE JOBSITE
PULL-OUT TESTS
ASSISTANCE WITH SELECTION OF FASTENERS

WKSS

Ø6

Spacer screws, TX



ETA-18/0217



WKSS-60060-B	6x60	50	200	12
WKSS-60070-B	6x70	40	200	8
WKSS-60080-B	6x80	50	200	8
WKSS-60090-B	6x90	60	100	12
WKSS-60100-B	6x100	60	100	8
WKSS-60110-B	6x110	60	100	8
WKSS-60120-B	6x120	75	100	8
WKSS-60130-B	6x130	75	100	8
WKSS-60145-B	6x145	75	100	8
WKSS-60160-B	6x160	75	100	8

WKLC

Ø5

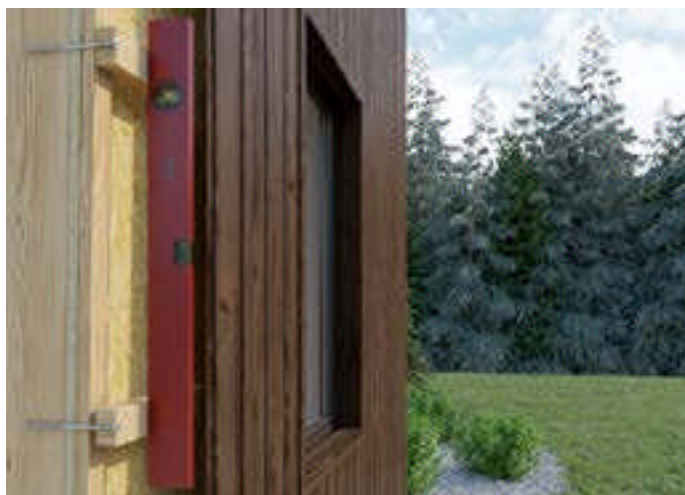
Round head screws for metal plates, TX



ETA-18/0217



WKLC-50030-B	5x30	22	250	32
WKLC-50035-B	5x35	30	250	16
WKLC-50040-B	5x40	30	250	16
WKLC-50050-B	5x50	40	250	12
WKLC-50060-B	5x60	50	250	12
WKLC-50070-B	5x70	60	250	12





K

Ø 6 | 8 | 10 | 12

Hex head wood screw



Carton box



K-06060(X5)	6,0 x 60	5
K-06070(X5)	6,0 x 70	5
K-06080(X5)	6,0 x 80	5
K-06090(X5)	6,0 x 90	5
K-06100(X5)	6,0 x 100	5
K-06120(X5)	6,0 x 120	5
K-06140(X5)	6,0 x 140	5
K-08060(X5)	8,0 x 60	5
K-08070(X5)	8,0 x 70	5
K-08080(X5)	8,0 x 80	5
K-08090(X5)	8,0 x 90	5
K-08100(X5)	8,0 x 100	5
K-08120(X5)	8,0 x 120	5
K-08140(X5)	8,0 x 140	5
K-08160(X5)	8,0 x 160	5
K-08180(X5)	8,0 x 180	5
K-08200(X5)	8,0 x 200	5
K-10080(X5)	10 x 80	5
K-10100(X5)	10 x 100	5
K-10120(X5)	10 x 120	5
K-10140(X5)	10 x 140	5
K-10160(X5)	10 x 160	5
K-10180(X5)	10 x 180	5
K-10200(X5)	10 x 200	5
K-12120(X5)	12 x 120	5
K-12140(X5)	12 x 140	5
K-12160(X5)	12 x 160	5
K-12180(X5)	12 x 180	5
K-12200(X5)	12 x 200	5
K-12220(X5)	12 x 220	5
K-12240(X5)	12 x 240	5
K-12260(X5)	12 x 260	5



KDH

Ø 3 | 3,5 | 4 | 4,5 | 5 | 6

Hardened countersunk head wood screw with partial/full thread



Carton box



KDH-30012(X5)	3,0 x 12	12	5
KDH-30013(X5)	3,0 x 13	13	5
KDH-30016(X5)	3,0 x 16	16	5
KDH-30020(X5)	3,0 x 20	20	5
KDH-30025(X5)	3,0 x 25	25	5



KDH-30030(X5)	3,0 x 30	30	5
KDH-30035(X5)	3,0 x 35	35	5
KDH-30040(X5)	3,0 x 40	40	5
KDH-35013(X5)	3,5 x 13	13	5
KDH-35016(X5)	3,5 x 16	16	5
KDH-35020(X5)	3,5 x 20	20	5
KDH-35025(X5)	3,5 x 25	25	5
KDH-35030(X5)	3,5 x 30	30	5
KDH-35035(X5)	3,5 x 35	35	5
KDH-35040(X5)	3,5 x 40	40	5
KDH-35045(X5)	3,5 x 45	45	5
KDH-35050(X5)	3,5 x 50	50	5
KDH-35060(X5)	3,5 x 60	60	5
KDH-40013(X5)	4,0 x 13	13	5
KDH-40016(X5)	4,0 x 16	16	5
KDH-40020(X5)	4,0 x 20	20	5
KDH-40025(X5)	4,0 x 25	25	5
KDH-40030(X5)	4,0 x 30	30	5
KDH-40035(X5)	4,0 x 35	35	5
KDH-40040(X5)	4,0 x 40	40	5
KDH-40045(X5)	4,0 x 45	45	5
KDH-40050(X5)	4,0 x 50	50	5
KDH-4005030(X5)	4,0 x 50	50	5
KDH-40055(X5)	4,0 x 55	55	5
KDH-40060(X5)	4,0 x 60	60	5
KDH-4006035(X5)	4,0 x 60	60	5
KDH-40070(X5)	4,0 x 70	70	5
KDH-45016(X5)	4,5 x 16	16	5
KDH-45020(X5)	4,5 x 20	20	5
KDH-45025(X5)	4,5 x 25	25	5
KDH-45030(X5)	4,5 x 30	30	5
KDH-45035(X5)	4,5 x 35	35	5
KDH-45040(X5)	4,5 x 40	40	5
KDH-45045(X5)	4,5 x 45	45	5
KDH-45050(X5)	4,5 x 50	50	5
KDH-45060(X5)	4,5 x 60	60	5
KDH-45070(X5)	4,5 x 70	70	5
KDH-45080(X5)	4,5 x 80	80	5
KDH-50025(X5)	5,0 x 25	25	5
KDH-50030(X5)	5,0 x 30	30	5
KDH-50035(X5)	5,0 x 35	35	5
KDH-50040(X5)	5,0 x 40	40	5
KDH-50045(X5)	5,0 x 45	45	5
KDH-50050(X5)	5,0 x 50	50	5
KDH-5005030(X5)	5,0 x 50	50	5
KDH-50060(X5)	5,0 x 60	60	5
KDH-5006035(X5)	5,0 x 60	60	5
KDH-50070(X5)	5,0 x 70	70	5
KDH-50080(X5)	5,0 x 80	80	5
KDH-50090(X5)	5,0 x 90	90	5
KDH-50100(X5)	5,0 x 100	100	5
KDH-50120(X5)	5,0 x 120	120	5
KDH-60040(X5)	6,0 x 40	40	5
KDH-60050(X5)	6,0 x 50	50	5
KDH-60060(X5)	6,0 x 60	60	5
KDH-60070(X5)	6,0 x 70	70	5
KDH-60080(X5)	6,0 x 80	80	5
KDH-60090(X5)	6,0 x 90	90	5
KDH-60100(X5)	6,0 x 100	100	5
KDH-60110(X5)	6,0 x 110	110	5
KDH-60120(X5)	6,0 x 120	120	5
KDH-60140(X5)	6,0 x 140	140	5
KDH-60160(X5)	6,0 x 160	160	5
KDH-60180(X5)	6,0 x 180	180	5
KDH-60200(X5)	6,0 x 200	200	5



ø3 | 3,5 | 4 | 4,5 | 5 | 6

Hardened countersunk head wood screw with partial/full thread



KMH-30012	3,0 x 12	12	2000	32000
KMH-30016	3,0 x 16	16	2000	32000
KMH-30020	3,0 x 20	20	2000	32000
KMH-30025	3,0 x 25	25	1500	24000
KMH-30030	3,0 x 30	30	1000	16000
KMH-30035	3,0 x 35	35	1000	16000
KMH-30040	3,0 x 40	40	500	8000
KMH-35016	3,5 x 16	16	2000	32000
KMH-35020	3,5 x 20	20	1500	24000
KMH-35025	3,5 x 25	25	1000	16000
KMH-35030	3,5 x 30	30	500	8000
KMH-35035	3,5 x 35	35	500	8000
KMH-35040	3,5 x 40	40	500	8000
KMH-35045	3,5 x 45	45	500	8000
KMH-35050	3,5 x 50	50	400	6400
KMH-35060	3,5 x 60	60	400	6400
KMH-40016	4,0 x 16	16	1000	16000
KMH-40020	4,0 x 20	20	1000	16000
KMH-40025	4,0 x 25	25	1000	16000
KMH-40030	4,0 x 30	30	500	8000
KMH-40035	4,0 x 35	35	500	8000
KMH-40040	4,0 x 40	40	500	8000
KMH-40045	4,0 x 45	45	300	4800
KMH-40050	4,0 x 50	50	300	4800
KMH-40060	4,0 x 60	60	250	4000
KMH-40070	4,0 x 70	55	250	4000
KMH-45016	4,5 x 16	16	1000	16000
KMH-45020	4,5 x 20	20	1000	16000
KMH-45025	4,5 x 25	25	500	8000
KMH-45030	4,5 x 30	30	500	8000
KMH-45035	4,5 x 35	35	500	8000
KMH-45040	4,5 x 40	40	300	4800
KMH-45045	4,5 x 45	45	300	4800
KMH-45050	4,5 x 50	50	250	4000
KMH-45060	4,5 x 60	60	250	4000
KMH-45070	4,5 x 70	55	250	4000
KMH-45080	4,5 x 80	55	250	4000
KMH-50025	5,0 x 25	25	500	8000
KMH-50030	5,0 x 30	30	500	8000
KMH-50035	5,0 x 35	35	500	8000
KMH-50040	5,0 x 40	40	500	8000
KMH-50045	5,0 x 45	45	300	4800
KMH-50050	5,0 x 50	50	300	4800
KMH-50060	5,0 x 60	60	200	2400
KMH-50070	5,0 x 70	55	200	2400
KMH-50080	5,0 x 80	55	200	2400
KMH-50090	5,0 x 90	55	200	2400
KMH-50100	5,0 x 100	55	200	2400
KMH-60040	6,0 x 40	40	200	3200
KMH-60050	6,0 x 50	50	200	2400



KMH-60060	6,0 x 60	60	200	2400
KMH-60070	6,0 x 70	55	200	2400
KMH-60080	6,0 x 80	55	200	2400
KMH-60090	6,0 x 90	55	100	1200
KMH-60100	6,0 x 100	55	100	1200
KMH-60110	6,0 x 110	75	100	1200
KMH-60120	6,0 x 120	75	100	800
KMH-60140	6,0 x 140	75	100	800
KMH-60160	6,0 x 160	75	100	800
KMH-60180	6,0 x 180	75	100	800
KMH-60200	6,0 x 200	75	100	400



BWK-30012(X10)	3,0 x 12	12	65	10
BWK-30016(X10)	3,0 x 16	16	60	10
BWK-30020(X10)	3,0 x 20	20	60	10
BWK-30025(X10)	3,0 x 25	25	50	10
BWK-30030(X10)	3,0 x 30	30	45	10
BWK-30035(X10)	3,0 x 35	35	40	10
BWK-30040(X10)	3,0 x 40	40	35	10
BWK-35016(X10)	3,5 x 16	16	50	10
BWK-35020(X10)	3,5 x 20	20	45	10
BWK-35025(X10)	3,5 x 25	25	45	10
BWK-35030(X10)	3,5 x 30	30	35	10
BWK-35035(X10)	3,5 x 35	35	32	10
BWK-35040(X10)	3,5 x 40	40	30	10
BWK-35045(X10)	3,5 x 45	45	25	10
BWK-35050(X10)	3,5 x 50	50	22	10
BWK-40016(X10)	4,0 x 16	16	45	10
BWK-40020(X10)	4,0 x 20	20	40	10
BWK-40025(X10)	4,0 x 25	25	35	10
BWK-40030(X10)	4,0 x 30	30	32	10
BWK-40035(X10)	4,0 x 35	35	28	10
BWK-40040(X10)	4,0 x 40	40	24	10
BWK-40045(X10)	4,0 x 45	45	22	10
BWK-40050(X10)	4,0 x 50	50	20	10
BWK-40060(X10)	4,0 x 60	60	15	10
BWK-40070(X10)	4,0 x 70	55	14	10
BWK-45016(X10)	4,5 x 16	16	40	10
BWK-45020(X10)	4,5 x 20	20	36	10
BWK-45025(X10)	4,5 x 25	25	32	10
BWK-45030(X10)	4,5 x 30	30	25	10
BWK-45035(X10)	4,5 x 35	35	26	10
BWK-45040(X10)	4,5 x 40	40	22	10
BWK-45045(X10)	4,5 x 45	45	20	10
BWK-45050(X10)	4,5 x 50	50	17	10
BWK-45060(X10)	4,5 x 60	60	14	10
BWK-45070(X10)	4,5 x 70	55	12	10
BWK-45080(X10)	4,5 x 80	55	9	10
BWK-50025(X10)	5,0 x 25	25	22	10
BWK-50030(X10)	5,0 x 30	30	20	10
BWK-50035(X10)	5,0 x 35	35	18	10
BWK-50040(X10)	5,0 x 40	40	16	10
BWK-50045(X10)	5,0 x 45	45	15	10
BWK-50050(X10)	5,0 x 50	50	12	10
BWK-50060(X10)	5,0 x 60	60	11	10
BWK-50070(X10)	5,0 x 70	55	9	10
BWK-50080(X10)	5,0 x 80	55	7	10
BWK-60040(X10)	6,0 x 40	40	10	10
BWK-60050(X10)	6,0 x 50	50	9	10
BWK-60060(X10)	6,0 x 60	60	8	10
BWK-60070(X10)	6,0 x 70	55	6	10
BWK-60080(X10)	6,0 x 80	55	5	10

SCREWS FOR FASTENING CLADDINGS OF TERRACES AND FLOORS

WN

Ø4 | 5

Screw with cone-shaped concealed head, TX



Carton box



WN-40040-A2	4,0 x 40	200	1200
WN-40045-A2	4,0 x 45	200	1200
WN-40050-A2	4,0 x 50	200	1200
WN-40060-A2	4,0 x 60	200	1200
WN-50050-A2	5,0 x 50	100	600
WN-50060-A2	5,0 x 60	100	600
WN-50070-A2	5,0 x 70	100	600
WN-50080-A2	5,0 x 80	100	600

HNT

Ø5

Screw with cylindrical head and underhead thread, TX



Carton box



HNT-50050-A2	5,0 x 50	100	600
HNT-50060-A2	5,0 x 60	100	600
HNT-50070-A2	5,0 x 70	100	600
HNT-50080-A2	5,0 x 80	100	600

WT

Ø4

Screw with countersunk head, TX



Carton box

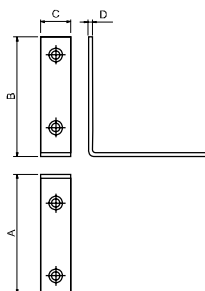


WT-40045-A2	4,0 x 45	200	1200
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BRACKETS AND PLATES

KW

Narrow angle bracket

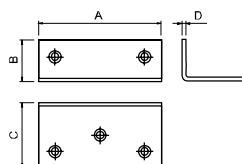


Carton box

	A	B	C	D	
KW-01(X100)	27	27	17	2	100
KW-02(X100)	32	32	17	2	100
KW-03(X100)	42	42	17	2	100
KW-04(X100)	52	52	17	2	100
KW-05(X100)	62	62	17	2	100
KW-06(X100)	77	77	17	2	100
KW-07(X100)	92	92	20	2	100
KW-08(X50)	102	102	20	2	50
KW-09(X50)	114	114	20	4	50
KW-10(X50)	122	122	20	2	50
KW-11(X50)	125	125	20	5	50
KW-12(X50)	150	150	26	5	50

KS

Wide angle bracket



Carton box

	A	B	C	D	
KS-01(X100)	32	32	30	2	100
KS-02(X100)	42	42	40	2	100
KS-03(X50)	60	60	60	2	50
KS-04(X50)	42	27	75	2	50

KB

Joist angle bracket



Carton box	A	B	C	D	
KB-01(X50)	100	75	30	2,5	50
KB-02(X40)	100	50	50	4,0	40
KB-03(X20)	120	30	35	4,0	20
KB-04(X25)	180	120	40	5,0	25

KPW

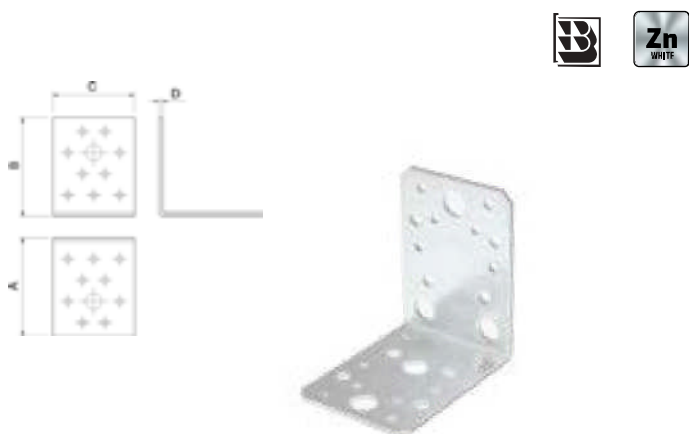
Reinforced angle bracket



Carton box	A	B	C	D	
KPW-01(X50)	73	73	55	2,5	50
KPW-02(X50)	93	53	55	2,5	50
KPW-03(X50)	92	92	65	2,5	50
KPW-04(X25)	105	105	90	2,5	25
KPW-05(X50)	90	60	60	2,5	50
KPW-06(X50)	90	60	60	2,5	50
KPW-07(X50)	93	53	48	2,5	50
KPW-08(X50)	88	50	76	2,5	50
KPW-09(X25)	93	53	116	2,5	25
KPW-10(X50)	63	63	90	2,5	50

KL

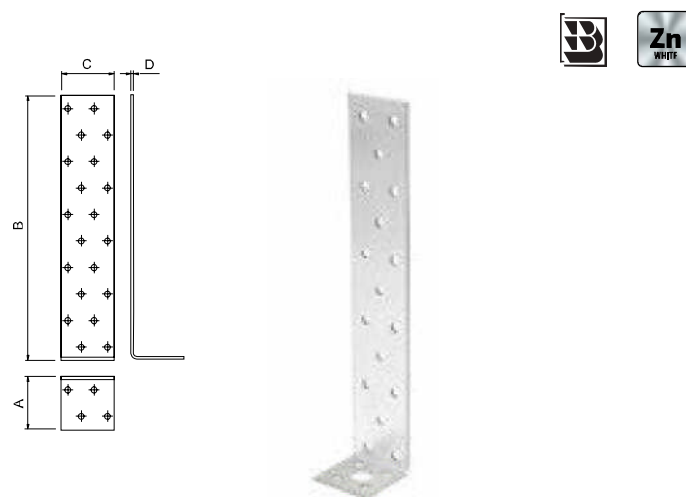
Connecting angle bracket



Carton box	A	B	C	D	
KL-01(X100)	52	52	35	2,5	100
KL-02(X50)	72	72	55	2,5	50
KL-03(X50)	90	90	65	2,5	50
KL-04(X50)	105	105	90	2,5	50
KL-05(X50)	151	51	35	2,5	50

KK

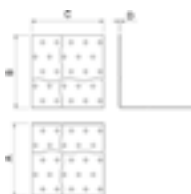
Angle bracket for anchoring



Carton box	A	B	C	D	
KK-01(X25)	42	202	40	2	25
KK-02(X25)	42	302	40	2	25
KK-03(X25)	42	402	40	2	25
KK-04(X50)	97	97	40	2	50
KK-05(X50)	122	97	40	2	50

KP

Basic angle bracket



LU

Plate for universal connections



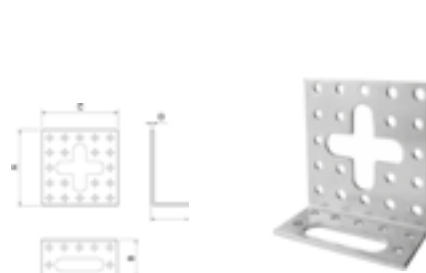
	A	B	C	D	
KP-01(X100)	42	42	20	2	100
KP-02(X50)	42	42	40	2	50
KP-03(X50)	42	42	60	2	50
KP-04(X50)	42	42	100	2	50
KP-05(X50)	42	42	200	2	50
KP-06(X50)	52	52	40	2	50
KP-07(X50)	62	62	40	2	50
KP-08(X50)	62	62	60	2	50
KP-09(X50)	62	62	80	2	50
KP-10(X50)	62	62	100	2	50
KP-11(X50)	82	82	40	2	50
KP-12(X50)	82	82	60	2	50
KP-13(X25)	82	82	80	2	25
KP-14(X25)	102	102	60	2	25
KP-15(X25)	102	102	80	2	25
KP-16(X25)	102	102	100	2	25
KP-17(X40)	162	162	60	2	40
KP-18(X40)	162	162	80	2	40

Carton box	A	B	C	D	
LU-01-L(X20)*	100	52	42	2,5	20
LU-02-P(X20)**	100	52	42	2,5	20

* - Left / ** - Right

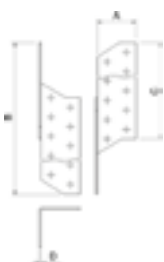
KN

Adjustable angle bracket



LK

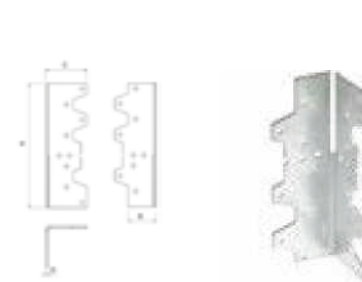
Rafter connecting plate



Carton box	A	B	C	D	
KN-01(X50)	60	30	60	2,0	50
KN-02(X50)	60	40	60	2,5	50
KN-03(X50)	80	65	20	4,0	50

KG

Bendable angle bracket



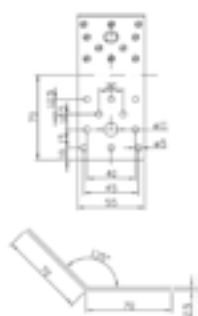
Carton box	A	B	C	D	
LK-01-L(X25)*	40	170	100	2	25
LK-02-P(X25)**	40	170	100	2	25
LK-03-L(X25)*	40	210	140	2	25
LK-04-P(X25)**	40	210	140	2	25
LK-05-L(X25)*	40	250	180	2	25
LK-06-P(X25)**	40	250	180	2	25

* - Left / ** - Right

Carton box	A	B	C	D	
KG-01(X50)	120	27	42	2,0	50

CLG

Skewable angle bracket 135°

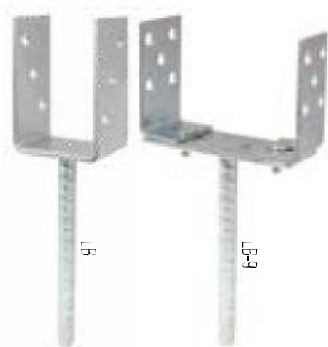


Carton box	A	B	C	D	E
CLG-01*	50	50	35	2,5	25
CLG-02*	70	70	55	2,5	25
CLG-03*	90	90	65	2,5	25
CLG-04*	100	100	80	2,5	25

*on request and order

LB / LB-9

Post base / Adjustable post base



Carton box	A	B	C	D	E
LB-01(X10)	80	80	130	5	10
LB-02(X10)	90	80	130	5	10
LB-03(X10)	100	80	130	5	10
LB-04(X10)	110	80	130	5	10
LB-05(X10)	150	80	130	5	10
LB-06-07(X10)	89	90	135	5	10
LB-07(X10)	130	80	130	5	10
LB-08(X10)	150	80	130	5	10

Carton box	A	B	C	D	E
LB-9(X10)	10 + 160	60	100	5	200

WB

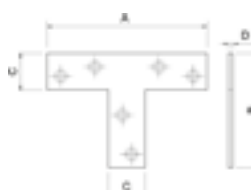
Joist hanger



Carton box	A	B	C	D	E	F
WB-01(X20)	29	102	75	2	25	20
WB-02(X20)	42	132	75	2	38	20
WB-03(X20)	45	102	75	2	40	20
WB-04(X20)	45	137	75	2	40	20
WB-05(X20)	45	171	75	2	40	20
WB-06(X20)	50	102	75	2	45	20
WB-07(X20)	50	169	75	2	45	20
WB-08(X20)	51	102	75	2	47	20
WB-09(X20)	51	138	75	2	47	20
WB-10(X20)	54	126	75	2	50	20
WB-11(X20)	54	147	75	2	50	20
WB-12(X20)	64	102	75	2	60	20
WB-13(X20)	64	132	75	2	60	20
WB-14(X20)	64	152	75	2	60	20
WB-15(X20)	68	152	75	2	65	20
WB-16(X20)	68	160	75	2	65	20
WB-17(X20)	74	157	75	2	70	20
WB-18(X20)	75	127	75	2	70	20
WB-19(X20)	79	154	75	2	75	20
WB-20(X20)	80	212	80	2	75	20
WB-21(X20)	84	122	75	2	80	20
WB-22(X20)	90	148	75	2	85	20
WB-23(X20)	94	146	75	2	90	20
WB-24(X20)	104	142	75	2	100	20
WB-25(X10)	124	162	80	2	120	10
WB-26(X10)	144	182	80	2	140	10

LT

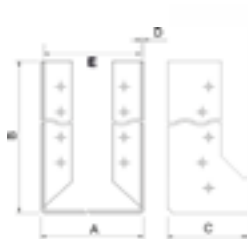
T plate



Carton box	A	B	C	D	E
LT-01(X50)	70	50	16	2	50

WBW

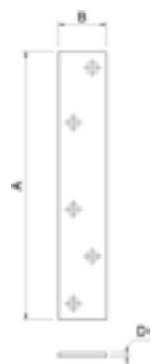
Internal joist hanger



Carton box	A	B	C	D	E	
WBW-01(X20)	64	102	60	2	60	20
WBW-02(X20)	84	122	60	2	80	20
WBW-03(X10)	104	142	60	2	100	10
WBW-04(X10)	124	162	60	2	120	10
WBW-05(X10)	144	182	60	2	140	10

LG

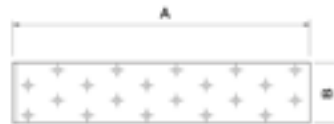
Heavy duty plate



Carton box	A	B	D	
LG-01(X50)	170	30	2,5	50
LG-02(X50)	195	35	4	50

LP

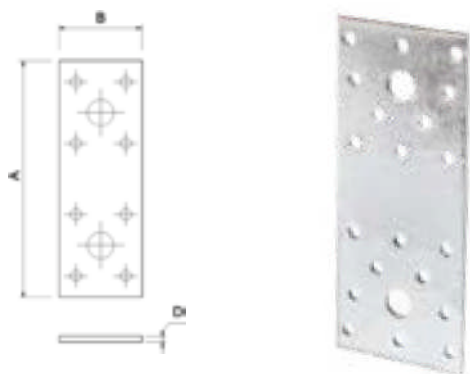
Basic perforated plate



Carton box	A	B	D	
LP-01(X50)	40	50	2	50
LP-02(X50)	40	100	2	50
LP-03(X50)	40	120	2	50
LP-04(X100)	40	160	2	100
LP-05(X50)	50	120	2	50
LP-06(X50)	50	200	2	50
LP-07(X50)	50	240	2	50
LP-08(X50)	60	140	2	50
LP-09(X50)	60	160	2	50
LP-10(X50)	60	180	2	50
LP-11(X50)	60	200	2	50
LP-12(X50)	60	220	2	50
LP-13(X50)	60	240	2	50
LP-14(X50)	80	100	2	50
LP-15(X50)	80	140	2	50
LP-16(X50)	80	180	2	50
LP-17(X25)	80	200	2	25
LP-18(X50)	80	220	2	50
LP-19(X25)	80	240	2	25
LP-20(X25)	80	300	2	25
LP-21(X25)	100	200	2	25
LP-22(X25)	100	220	2	25
LP-23(X25)	100	240	2	25
LP-24(X25)	100	260	2	25
LP-25(X20)	100	300	2	20
LP-26(X25)	120	240	2	25
LP-27(X25)	120	300	2	25
LP-28(X20)	140	400	2	20
LP-29(X20)	200	200	2	20
LP-30(X20)	300	400	2	20

LPS

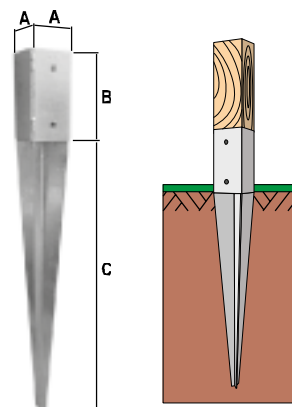
Special purpose plate



Carton box	A	B	D	
LPS-01(X50)	100	35	2,5	50
LPS-02(X50)	140	55	2,5	50
LPS-03(X50)	180	40	2,5	50
LPS-04(X50)	180	65	2,5	50
LPS-05(X50)	210	80	2,5	50

KOW

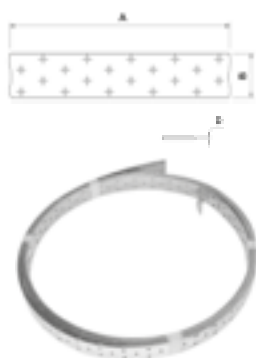
Post base



Carton box	A	B	C	D	
KOW-01	71	145	600	2	1
KOW-02	91	145	600	2	1

TM

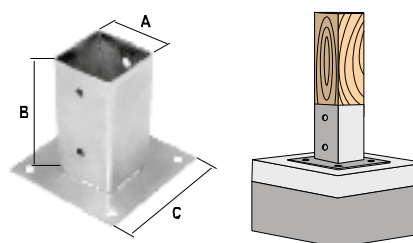
Fixing strap



Carton box	A	B	D	
TM-01010	mb.	40	2	10
TM-02010	mb.	60	2	10
TM-03010	mb.	80	2	10
TM-01025	mb.	40	2	25
TM-02025	mb.	60	2	25
TM-03025	mb.	80	2	25

KOP

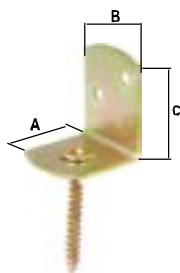
Post base



Carton box	A	B	C	D	
KOP-01	71	145	150	2	1
KOP-02	91	145	170	2	1

OP1W

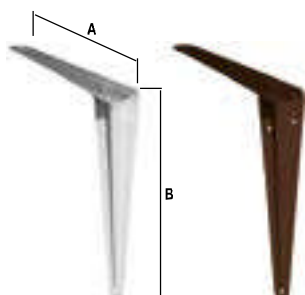
Plate clip with screw



Carton box	A	B	C	D	
OP-01-W(X50)	31	30	27	2	50

WP

Shelf bracket



Carton box	A	B	C	
WP-01B(X20)	75	100	□	20
WP-02B(X20)	100	125	□	20
WP-03B(X20)	125	150	□	20
WP-04B(X20)	150	200	□	20
WP-05B(X20)	175	225	□	20
WP-06B(X20)	200	250	□	20
WP-07B(X20)	250	300	□	20
WP-08B(X20)	300	350	□	20
WP-09B(X20)	350	400	□	20
WP-01BR(X20)	75	100	■	20
WP-02BR(X20)	100	125	■	20
WP-03BR(X20)	125	150	■	20
WP-04BR(X20)	150	200	■	20
WP-05BR(X20)	175	225	■	20
WP-06BR(X20)	200	250	■	20
WP-07BR(X20)	250	300	■	20
WP-08BR(X20)	300	350	■	20
WP-09BR(X20)	350	400	■	20

NAILS

GBCZ / GBOC

Ø2-8

Common polished nails



GBCZ-20040	GBOC-20040	2,0 x 40	5
GBCZ-22050	GBOC-22050	2,2 x 50	5
GBCZ-24060	GBOC-24060	2,4 x 60	5
GBCZ-27065	GBOC-27065	2,7 x 65	5
GBCZ-30070	GBOC-30070	3,0 x 70	5
GBCZ-30080	GBOC-30080	3,0 x 80	5
GBCZ-34090	GBOC-34090	3,4 x 90	5
GBCZ-42100	GBOC-42100	4,2 x 100	5
GBCZ-46125	GBOC-46125	4,6 x 125	5
GBCZ-50150	GBOC-50150	5,0 x 150	5
GBCZ-60175	GBOC-60175	6,0 x 175	5
GBCZ-70200	GBOC-70200	7,0 x 200	5
GBCZ-70225	GBOC-70225	7,0 x 225	5
GBCZ-80250	GBOC-80250	8,0 x 250	5
GBCZ-80280	GBOC-80280	8,0 x 280	5
GBCZ-80300	GBOC-80300	8,0 x 300	5

GDCZ / GDOC

Ø1,2-1,6

Roofing nails



GDCZ-12025	GDOC-12025	1,2 x 25	5
GDCZ-14025	GDOC-14025	1,4 x 25	5
GDCZ-14030	GDOC-14030	1,4 x 30	5
-	GDOC-16030	1,6 x 30	5
GDCZ-16035	GDOC-16035	1,6 x 35	5
GDCZ-16040	GDOC-16040	1,6 x 40	5

GSCZ / GSOC

Ø1,2-2

Lost head nails



GSCZ-12020	GSOC-12020	1,2 x 20	5
-	GSOC-12025	1,2 x 25	5
-	GSOC-14025	1,4 x 25	5
-	GSOC-14030	1,4 x 30	5
-	GSOC-16035	1,6 x 35	5
-	GSOC-18040	1,8 x 40	5
-	GSOC-20040	2,0 x 40	5

GPCZ / GPOC

Ø2,5-3

Clout nails



GPCZ-25025	GPOC-25025	2,5 x 25	5
GPCZ-25030	GPOC-25030	2,5 x 30	5
GPCZ-30020	GPOC-30020	3,0 x 20	5
GPCZ-30025	GPOC-30025	3,0 x 25	5
GPCZ-30030	GPOC-30030	3,0 x 30	5
GPCZ-30035	GPOC-30035	3,0 x 35	5
GPCZ-30040	GPOC-30040	3,0 x 40	5

GSKCZ / GSKOC

Ø3,1-4,2

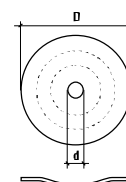
Twisted nails



-	GSKOC-31050	3,1 x 50	5
-	GSKOC-31060	3,1 x 60	5
GSKCZ-35070	GSKOC-35070	3,5 x 70	5
-	GSKOC-35080	3,5 x 80	5
-	GSKOC-42090	4,2 x 90	5
GSKCZ-42100	GSKOC-42100	4,2 x 100	5

PGP

Washers for clout nails



D [mm]

d [mm]



PGP-3	27	3,5	1
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GCOC

Ø4

Carpentry nails



GCOC-40040	4,0 x 40	5
GCOC-40050	4,0 x 50	5
GCOC-40060	4,0 x 60	5
GCOC-40070	4,0 x 70	5
GCOC-40080	4,0 x 80	5

GPPC

Ø2,8

Clout nails with washer



GPPC-28025	2,8 x 25	30	5
GPPC-28028	2,8 x 28	30	5
GPPC-28038	2,8 x 38	30	5

GHWOC

Ø2,7-4,5

Hardened grooved nails



GHWOC-27025	2,7 x 25	3
GHWOC-27030	2,7 x 30	3
GHWOC-27035	2,7 x 35	3
GHWOC-27040	2,7 x 40	3
GHWOC-35045	3,5 x 45	3
GHWOC-35050	3,5 x 50	3
GHWOC-35060	3,5 x 60	3
GHWOC-35065	3,5 x 65	3
GHWOC-45070	4,5 x 70	3
GHWOC-45080	4,5 x 80	3

GW CZ / GWOC

Ø3,1-4,2

Ring nails



-	GWOC-31050	3,1 x 50	5
GW CZ-35060	GWOC-35060	3,5 x 60	5
GW CZ-35070	GWOC-35070	3,5 x 70	5
GW CZ-35080	GWOC-35080	3,5 x 80	5
GW CZ-42090	GWOC-42090	4,2 x 90	5
GW CZ-42100	GWOC-42100	4,2 x 100	5
GW CZ-42125	GWOC-42125	4,2 x 125	5

GTOC

Ø1,8-2

Upholstery nails



GTOC-18018	1,8 x 18	5
GTOC-20020	2,0 x 20	5

ROOFING FASTENERS

WDD

Ø4,8

Carbon-steel self-drilling screw with EPDM washer for fixing steel sheets and steel roof tiles in timber substrate, TX



ETA-16/0443



Carton box



WDD-48035-RAL	4,8 x 35	≤ 2,5	14	250	3000
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ETA-16/0443



Carton box



WDD-48035	4,8 x 35	≤ 2,5	14	250	3000
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For coating in RAL colour other than included in the standard palette (Table of standard RAL colours on p.78), a minimum order of 210,000 pos. is required. Painting in custom colours is available on request and to order only.

RAL TABLE

	RAL 3005		RAL 8004
	RAL 3009		RAL 8017
	RAL 3011		RAL 8019
	RAL 6005		RAL 9003
	RAL 6020		RAL 9005
	RAL 7016		RAL 9006
	RAL 7024		RAL 9010

Note! The printed colours are used for reference only and in turn may differ from the original.

WFD

Ø4,8

Carbon-steel self-drilling screw with EPDM washer for fixing steel sheets and steel roof tiles in timber substrate



ETA-16/0443



Carton box					
WFD-48025-RAL	4,8 x 25	≤ 2,5	14	250	3000
WFD-48035-RAL	4,8 x 35	≤ 2,5	14	250	3000
WFD-48055-RAL	4,8 x 55	≤ 2,5	14	200	2400
WFD-48070-RAL	4,8 x 70	≤ 2,5	14	200	1600
WFD-48080-RAL	4,8 x 80	≤ 2,5	14	200	1600
WFD-48100-RAL	4,8 x 100	≤ 2,5	14	100	800

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 78), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

WFD0C

Ø4,8

Carbon-steel self-drilling screw with EPDM washer for fixing steel sheets and steel roof tiles in timber substrate



ETA-16/0443



Carton box					
WFD0C-48025	4,8 x 25	≤ 2,5	14	250	3000
WFD0C-48035	4,8 x 35	≤ 2,5	14	250	3000
WFD0C-48055	4,8 x 55	≤ 2,5	14	200	2400
WFD0C-48070	4,8 x 70	≤ 2,5	14	200	1600
WFD0C-48080	4,8 x 80	≤ 2,5	14	200	1600
WFD0C-48100	4,8 x 100	≤ 2,5	14	100	800

WSBP

Ø4,8

Carbon-steel self-drilling screw with EPDM washer for making lap joints in steel sheets



ETA-16/0443



Carton box					
WSBP-48019-RAL	4,8 x 19	≤ 2,5	14	250	3000
WSBP-48025-RAL	4,8 x 25	≤ 2,5	14	250	3000



ETA-16/0443



Carton box					
WSBP-48019	4,8 x 19	≤ 2,5	14	250	3000
WSBP-48025	4,8 x 25	≤ 2,5	14	250	3000

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 78), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

WSBP-T

Ø4,8

Self-drilling screw for making lap joints in steel sheets, TX



Carton box					
WSBP-T-48019	4,8 x 19	≤ 2,5	14	250	3000
WSBP-T-48019-RAL	4,8 x 19	≤ 2,5	14	250	3000

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 78), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

WSBP / WF

POSSIBILITY OF PAINTING ACCORDING TO RAL PALETTE

Permanent colour adjusted to roof covering, resistant to UV radiation and atmospheric conditions.

WSBP

SELF-DRILLING TIP

Ability of drilling plates of thickness up to 2,5 mm [WSBP], short time of fixing.

EPDM WASHER

It seals and secures the connection from corrosion.

HEX HEAD SW-8

WK feature at head of the screw facilitates the identification of our company as the producer and easy recognition of the product.

WF

FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

KLIMAS
FASTENER TECHNOLOGIES

In this product category, you will find top quality self-tapping screws – self-drilling screws intended for fastening sheet metal, sandwich panels and wooden elements, as well as farmer screws, so called “farmers” for installing roof coverings. Klimas Wkręt-met’s products in the field of light housing fastening systems are most often coated with galvanised zinc in thicknesses depending on the fastener’s purpose.

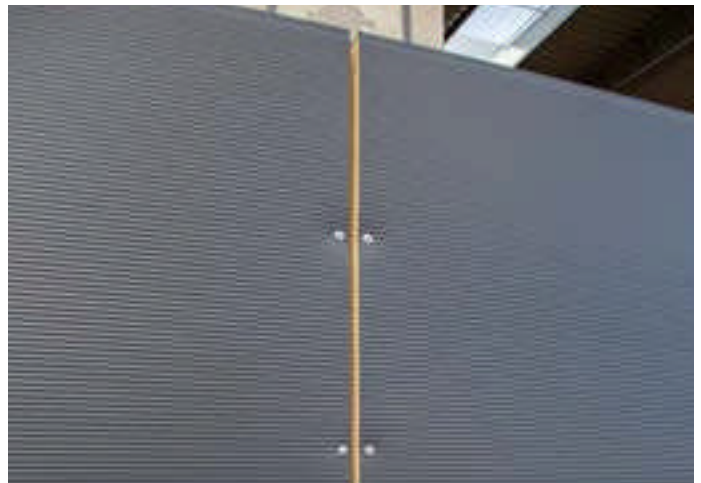
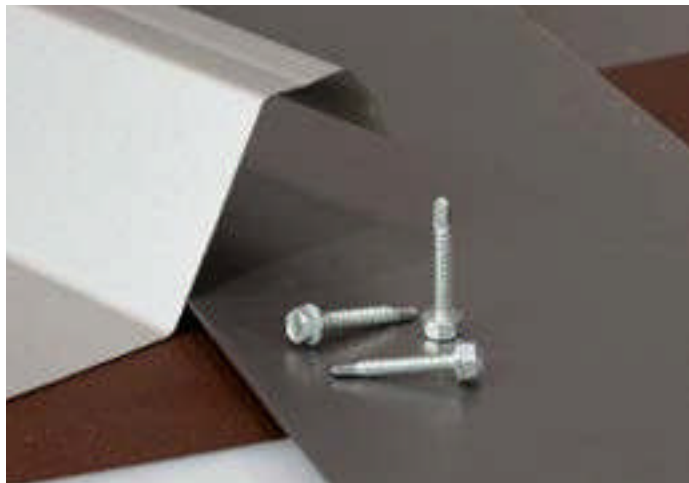
Self-tapping screw – a screw intended for connecting and fastening sheet metal

These fasteners are used in roofing works, fastening of metal roofing tile, facade structures and sheet cladding. Our offer includes galvanised stainless self-tapping screws, self-drilling screws for metal, farmer screws for wooden substrate with EPDM sealing washer, steel screws and staple screws – for making lap joints in sheet metal.

RAL TABLE

	RAL 3005		RAL 6020		RAL 8017		RAL 9006
	RAL 3009		RAL 7016		RAL 8019		RAL 9010
	RAL 3011		RAL 7024		RAL 9003		
	RAL 6005		RAL 8004		RAL 9005		

Note! The printed colours are used for reference only and in turn may differ from the original.



WS BWS

Ø4,2 | 4,8 | 5,5 | 6,3

Self-drilling fastener for fixing steel sheets in steel construction



ETA-16/0443



Carton box



Max. effective length (mm)



WS-42016	4,2 x 16	≤ 2	1	500	8000
WS-42019	4,2 x 19	≤ 2	7	500	8000
WS-42025	4,2 x 25	≤ 2	14	500	8000
WS-48016	4,8 x 16	≤ 3	5	500	8000
WS-48019	4,8 x 19	≤ 3	9	500	8000
WS-48025	4,8 x 25	≤ 3	14	500	6000
WS-48032	4,8 x 32	≤ 3	21	500	6000
WS-55019	5,5 x 19	≤ 5	4	500	8000
WS-55025	5,5 x 25	≤ 5	10	500	6000

WSBP-T

Ø4,8

Self-drilling screw for making lap joints in steel sheets, TX



Carton box



Max. effective length (mm)



WSBP-T-48019	4,8 x 19	≤ 2,5	1,5	14	250	3000
WSBP-T-48019-RAL	4,8 x 19	≤ 2,5	1,5	14	250	3000

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 81), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

WSB

Ø4,8

Self-drilling fastener for fixing lap joints in steel sheets



ETA-16/0443



Carton box



Max. effective length (mm)



WSB-48016	4,8 x 16	≤ 2,5	1,5	500	8000
WSB-48019	4,8 x 19	≤ 2,5	2,5	500	8000
WSB-48025	4,8 x 25	≤ 2,5	2,5	500	8000

WSBP

Ø4,8

Self-drilling fastener with EPDM washer for fixing lap joints in steel sheets



ETA-16/0443



Carton box



Max. effective length (mm)



WSBP-48019-RAL	4,8 x 19	≤ 2,5	1,5	14	250	3000
WSBP-48025-RAL	4,8 x 25	≤ 2,5	2,5	14	250	3000



ETA-16/0443



Carton box



Max. effective length (mm)



WSBP-48019	4,8 x 19	≤ 2,5	1,5	14	250	3000
WSBP-48025	4,8 x 25	≤ 2,5	2,5	14	250	3000

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 81), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

KLIMAS
FASTENER TECHNOLOGIES

WF

∅4,8 | 5,5 | 6,3

Self-drilling fastener with EPDM washer for fixing steel sheets in steel construction



ETA-16/0443



Carton box	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
WF-48019-RAL (250)	4,8 x 19	≤ 3	4	14	250
WF-48025-RAL	4,8 x 25	≤ 3	10	14	250
WF-48035-RAL	4,8 x 35	≤ 3	17	14	250
WF-55019-RAL	5,5 x 19	≤ 5	1	16	250
WF-55025-RAL	5,5 x 25	≤ 5	7	16	250
WF-55032-RAL	5,5 x 32	≤ 5	14	16	250
WF-55045-RAL	5,5 x 45	≤ 5	27	16	200
WF-55050-RAL	5,5 x 50	≤ 5	32	16	200
WF-63019-RAL	6,3 x 19	≤ 7	1	19	200
WF-63025-RAL	6,3 x 25	≤ 7	7	19	200
WF-63032-RAL	6,3 x 32	≤ 7	14	19	200
WF-63038-RAL	6,3 x 38	≤ 7	20	19	200

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 81), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

WSS

∅5,5

Self-drilling fastener with EPDM washer for fixing steel sheets in steel construction



ETA-16/0443



Carton box	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
WSS-55032	5,5 x 32	≤ 12	2	16	250
WSS-55038	5,5 x 38	≤ 12	5	16	200
WSS-55050	5,5 x 50	≤ 12	17	16	200



ETA-16/0443



Carton box	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
WSS-55032-RAL*	5,5 x 32	≤ 12	2	16	250
WSS-55038-RAL*	5,5 x 38	≤ 12	5	16	200
WSS-55050-RAL*	5,5 x 50	≤ 12	17	16	200

*on request and to order

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 81), a minimum order of 210,000 pcs. is required. Painting in custom colours is available on request and to order only.

WFOC

∅4,8 | 5,5 | 6,3

Self-drilling fastener with EPDM washer for fixing steel sheets in steel construction



ETA-16/0443



Carton box	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
WFOC-48016	4,8 x 16	≤ 3	1	14	500
WFOC-48019 (250)	4,8 x 19	≤ 3	4	14	250
WFOC-48025	4,8 x 25	≤ 3	10	14	250
WFOC-48035	4,8 x 35	≤ 3	17	14	250
WFOC-55019	5,5 x 19	≤ 5	1	16	250
WFOC-55025	5,5 x 25	≤ 5	7	16	250
WFOC-55032	5,5 x 32	≤ 5	14	16	250
WFOC-55038	5,5 x 38	≤ 5	20	16	250
WFOC-55045	5,5 x 45	≤ 5	27	16	200
WFOC-55050	5,5 x 50	≤ 5	32	16	250
WFOC-55060	5,5 x 60	≤ 5	42	16	250
WFOC-55075	5,5 x 75	≤ 5	57	16	200
WFOC-63019	6,3 x 19	≤ 7	1	19	200
WFOC-63025	6,3 x 25	≤ 7	7	19	200
WFOC-63032	6,3 x 32	≤ 7	14	19	200
WFOC-63038	6,3 x 38	≤ 7	20	19	200

Carton box	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
WS-55032	5,5 x 32	≤ 5	17	500	6700
WS-55038	5,5 x 38	≤ 5	23	250	4700
WS-55045	5,5 x 45	≤ 5	30	250	3000
WS-55050	5,5 x 50	≤ 5	35	250	3000
WS-55060	5,5 x 60	≤ 5	45	250	3000
WS-55075	5,5 x 75	≤ 5	60	200	2400
WS-55090	5,5 x 90	≤ 5	75	100	1200
WS-55120	5,5 x 120	≤ 5	105	100	800
WS-63019	6,3 x 19	≤ 7	4	250	4700
WS-63025	6,3 x 25	≤ 7	10	250	4700
WS-63032	6,3 x 32	≤ 7	17	250	4700
WS-63038	6,3 x 38	≤ 7	23	200	3200
WS-63100	6,3 x 100	≤ 7	65	100	800

Blister	Technical drawing	Max. effective length (mm)	Technical drawing	Technical drawing	Technical drawing
BWS-48016(X10)	4,8 x 16	≤ 3	5	25	10
BWS-48019(X10)	4,8 x 19	≤ 3	9	24	10
BWS-48025(X10)	4,8 x 25	≤ 3	14	20	10
BWS-48032(X10)	4,8 x 32	≤ 3	21	16	10
BWS-55025(X10)	5,5 x 25	≤ 5	10	14	10
BWS-55032(X10)	5,5 x 32	≤ 5	17	13	10
BWS-55038(X10)	5,5 x 38	≤ 5	23	12	10
BWS-55045(X10)	5,5 x 45	≤ 5	30	11	10
BWS-55050(X10)	5,5 x 50	≤ 5	35	10	10

SELF-DRILLING FASTENER WITH EPDM WASHER FOR FIXING SANDWICH PANELS IN STEEL CONSTRUCTION

WSW-6 / WSW-12

POSSIBILITY OF PAINTING ACCORDING TO RAL PALETTE

Permanent colour adjusted to roof covering, resistant to UV radiation and atmospheric conditions.



SELF-DRILLING TIP

Ability of drilling plates of thickness up to 6 mm (WSW-6) or 12 mm (WSW-12), short time of fixing.



EPDM WASHER

It seals and secures the connection from corrosion.



HEX HEAD SW-8

WK feature at head of the screw facilitates the identification of our company as the producer and easy recognition of the product.

WSW-12 (RAL 7024)



EUROPEAN TECHNICAL ASSESSMENT
ETA-16/0444

FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

KLIMAS
FASTENER TECHNOLOGIES

WSW-6

Ø5,5

Self-drilling fastener with EPDM washer for fixing sandwich panels in steel construction



ETA-16/0444



WSW-12

Ø5,5

Self-drilling fastener with EPDM washer for fixing sandwich panels in steel construction



ETA-16/0444



Carton box			Thickness of connected elements (mm)			
WSW-6-55065-A19	5,5 x 65	≤ 6	20-45	19	100	1200
WSW-6-55065-A19-RAL	5,5 x 65	≤ 6	20-45	19	100	1200
WSW-6-55085-A19	5,5 x 85	≤ 6	40-65	19	100	1200
WSW-6-55085-A19-RAL*	5,5 x 85	≤ 6	40-65	19	100	1200
WSW-6-55105-A19	5,5 x 105	≤ 6	60-85	19	100	800
WSW-6-55105-A19-RAL*	5,5 x 105	≤ 6	60-85	19	100	800
WSW-6-55125-A19	5,5 x 125	≤ 6	60-105	19	100	800
WSW-6-55125-A19-RAL*	5,5 x 125	≤ 6	60-105	19	100	800
WSW-6-55150-A19	5,5 x 150	≤ 6	85-130	19	100	800
WSW-6-55150-A19-RAL*	5,5 x 150	≤ 6	85-130	19	100	800
WSW-6-55175-A19	5,5 x 175	≤ 6	110-155	19	100	400
WSW-6-55175-A19-RAL*	5,5 x 175	≤ 6	110-155	19	100	400
WSW-6-55200-A19	5,5 x 200	≤ 6	135-180	19	100	400
WSW-6-55200-A19-RAL*	5,5 x 200	≤ 6	135-180	19	100	400
WSW-6-55225-A19	5,5 x 225	≤ 6	160-205	19	100	400
WSW-6-55225-A19-RAL*	5,5 x 225	≤ 6	160-205	19	100	400
WSW-6-55275-A19	5,5 x 275	≤ 6	210-255	19	100	400
WSW-6-55275-A19-RAL*	5,5 x 275	≤ 6	210-255	19	100	400
WSW-6-55335-A19	5,5 x 335	≤ 6	270-315	19	100	400
WSW-6-55335-A19-RAL	5,5 x 335	≤ 6	270-315	19	100	400

*on request and order

Carton box			Thickness of connected elements (mm)			
WSW-12-55095-A19	5,5 x 95	≤ 12	50-85	19	100	800
WSW-12-55095-A19-RAL*	5,5 x 95	≤ 12	50-85	19	100	800
WSW-12-55115-A19	5,5 x 115	≤ 12	70-85	19	100	900
WSW-12-55115-A19-RAL*	5,5 x 115	≤ 12	70-85	19	100	900
WSW-12-55135-A19	5,5 x 135	≤ 12	70-105	19	100	400
WSW-12-55135-A19-RAL*	5,5 x 135	≤ 12	70-105	19	100	400
WSW-12-55155-A19	5,5 x 155	≤ 12	90-125	19	100	400
WSW-12-55155-A19-RAL*	5,5 x 155	≤ 12	90-125	19	100	400
WSW-12-55175-A19	5,5 x 175	≤ 12	110-145	19	100	400
WSW-12-55175-A19-RAL*	5,5 x 175	≤ 12	110-145	19	100	400
WSW-12-55195-A19	5,5 x 195	≤ 12	130-165	19	100	400
WSW-12-55195-A19-RAL*	5,5 x 195	≤ 12	130-165	19	100	400
WSW-12-55235-A19	5,5 x 235	≤ 12	170-205	19	100	400
WSW-12-55235-A19-RAL*	5,5 x 235	≤ 12	170-205	19	100	400
WSW-12-55285-A19	5,5 x 285	≤ 12	220-255	19	100	400
WSW-12-55285-A19-RAL*	5,5 x 285	≤ 12	220-255	19	100	400

*on request and order

RAL TABLE

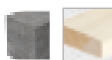
	RAL 7016		RAL 9006		RAL 8017		RAL 9002
	RAL 7024		RAL 9010		RAL 7035		RAL 9007
							RAL 1015

Note! The printed colours are used for reference only and in turn may differ from the original.

WB6P

Ø6,3

Self-tapping fastener with EPDM washer for fixing sandwich panels to concrete and timber



concrete: ITB-K07-2019/0315
wood: ETA-16/0444



WB6

Ø6,3

Self-tapping fastener for fixing steel sheets to concrete and timber



concrete: ITB-K07-2020/1057
wood: ETA-16/0443



Carton box



Thickness of
connected elements [mm]



WB6-63035	6,3x35	5	250
WB6-63035-D**	6,3x35	5	250
WB6-63045	6,3x45	15	250
WB6-63045-D**	6,3x45	15	250
WB6-63055*	6,3x55	25	250
WB6-63065*	6,3x65	35	250

*on request and order

**SQ Ceramic

WB6P

Ø6,3

Self-tapping fastener with EPDM washer for fixing sandwich panels to concrete and timber



concrete: ITB-K07-2020/1057
wood: ETA-16/0443



Carton box



Max. effective
length [mm]



WB6P-63045-A19	6,3 x 45	15	19	250	2000
WB6P-63045-A19	6,3 x 45	15	19	250	2000

Carton box	Diagram	Thickness of connected elements [mm]	Diagram	Diagram	Diagram
WB6P-D-63085-A19	6,3 x 85	40-50	19	100	800
WB6P-D-63085-A19-RAL*	6,3 x 85	40-50	19	100	800
WB6P-D-63095-A19	6,3 x 95	50-60	19	100	800
WB6P-D-63095-A19-RAL*	6,3 x 95	50-60	19	100	800
WB6P-D-63115-A19	6,3 x 115	70-80	19	100	800
WB6P-D-63115-A19-RAL*	6,3 x 115	70-80	19	100	800
WB6P-D-63135-A19	6,3 x 135	90-100	19	100	800
WB6P-D-63135-A19-RAL*	6,3 x 135	90-100	19	100	800
WB6P-D-63155-A19	6,3 x 155	110-120	19	100	400
WB6P-D-63155-A19-RAL*	6,3 x 155	110-120	19	100	400
WB6P-D-63185-A19	6,3 x 185	140-150	19	100	400
WB6P-D-63185-A19-RAL*	6,3 x 185	140-150	19	100	400
WB6P-D-63205-A19	6,3 x 205	150-170	19	100	400
WB6P-D-63205-A19-RAL*	6,3 x 205	150-170	19	100	400
WB6P-D-63235-A19	6,3 x 235	180-200	19	100	400
WB6P-D-63235-A19-RAL*	6,3 x 235	180-200	19	100	400
WB6P-D-63255-A19	6,3 x 255	200-220	19	100	400
WB6P-D-63255-A19-RAL*	6,3 x 255	200-220	19	100	400

*on request and order

For coating in RAL colour other than included in the standard palette (table of standard RAL colours on p. 85), a minimum order of 210,000 pos. is required. Painting in custom colours is available on request and to order only.

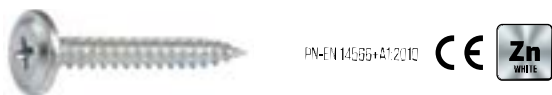
FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

KLIMAS
FASTENER TECHNOLOGIES

WPC BWPC

Ø4,2

Flange head self-tapping fastener



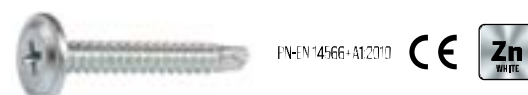
Carton box			
WPC-42013	4,2 x 13	1000	16000
WPC-42016	4,2 x 16	1000	16000
WPC-42019	4,2 x 19	1000	12000
WPC-42025	4,2 x 25	500	8000
WPC-42032	4,2 x 32	500	6000
WPC-42040	4,2 x 40	400	4800
WPC-42050	4,2 x 50	300	3600
WPC-42065	4,2 x 65	250	3000

Blister			
BWPC-42013(X10)	4,2 x 13	40	10
BWPC-42016(X10)	4,2 x 16	38	10
BWPC-42019(X10)	4,2 x 19	35	10
BWPC-42025(X10)	4,2 x 25	30	10
BWPC-42032(X10)	4,2 x 32	25	10
BWPC-42040(X10)	4,2 x 40	20	10
BWPC-42050(X10)	4,2 x 50	15	10
BWPC-42065(X10)	4,2 x 65	12	10

WSPC BWSPC

Ø4,2

Flange head self-drilling fastener



Carton box			
WSPC-42013	4,2x13	1000	16000
WSPC-42016	4,2x16	1000	16000
WSPC-42019	4,2x19	1000	12000
WSPC-42025	4,2x25	500	8000
WSPC-42032	4,2x32	500	6000
WSPC-42045	4,2x45	300	3600
WSPC-42055	4,2x55	300	3600

Blister			
BWSPC-42013(X10)	4,2x13	35	10
BWSPC-42016(X10)	4,2x16	30	10
BWSPC-42019(X10)	4,2x19	28	10
BWSPC-42025(X10)	4,2x25	25	10
BWSPC-42032(X10)	4,2x32	22	10

WSDSK

Ø4,8 | 5,5

Self-drilling fastener for fixing timber in steel construction



Carton box			
WSDSK-48032	4,8 x 32	500	6000
WSDSK-48038	4,8 x 38	250	4000
WSDSK-48045	4,8 x 45	250	3000
WSDSK-48050	4,8 x 50	250	3000
WSDSK-55038	5,5 x 38	250	4000
WSDSK-55045	5,5 x 45	250	3000
WSDSK-55050	5,5 x 50	250	3000

WSDST

Ø6,3

Self-drilling fastener for fixing timber in steel construction



Carton box			
WSDST-63050	6,3 x 50	250	3000
WSDST-63060	6,3 x 60	200	2400
WSDST-63070	6,3 x 70	200	2400



 NAS, NASS
 NASM

Ø3,2 | 4 | 4,8

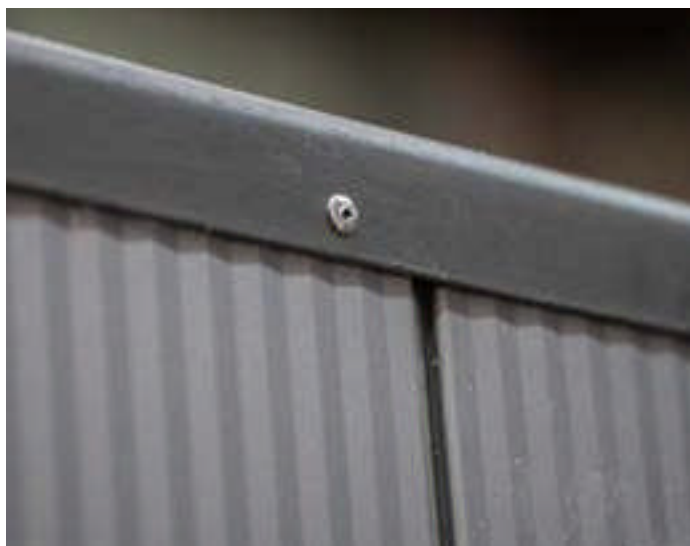
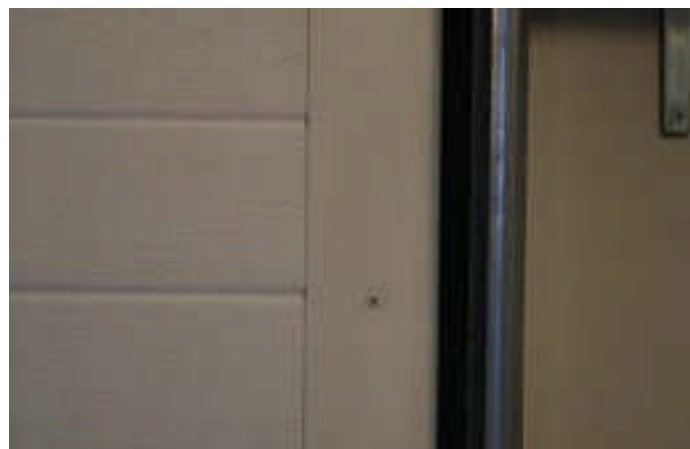
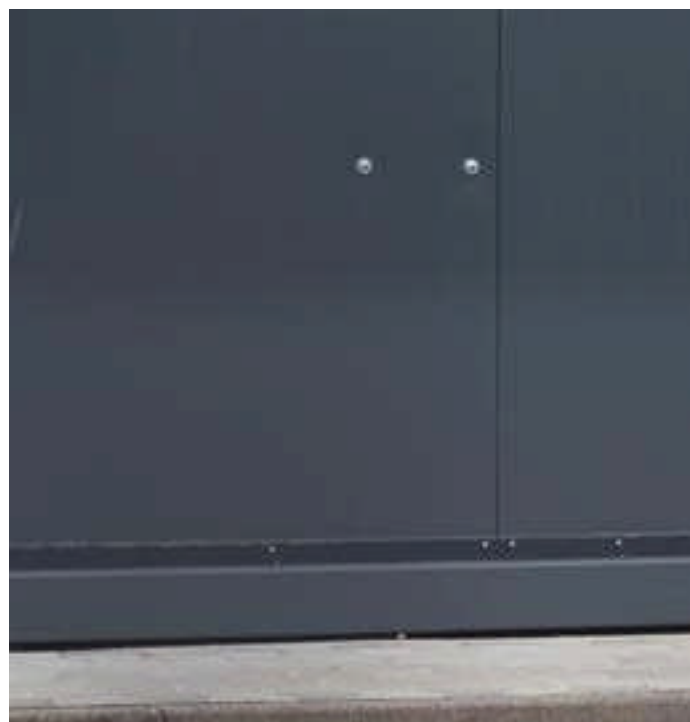
Blind rivets



Zn/Al

 Carton			 Carton			
NAS-32006	3,2 x 6	5	NASS-32006	3,2 x 6	1000	16000
NAS-32008	3,2 x 8	5	NASS-32008	3,2 x 8	1000	16000
NAS-32010	3,2 x 10	5	NASS-32010	3,2 x 10	1000	16000
NAS-32012	3,2 x 12	5	NASS-32012	3,2 x 12	1000	12000
NAS-32014	3,2 x 14	5	NASS-32014	3,2 x 14	1000	12000
NAS-32016	3,2 x 16	5	NASS-32016	3,2 x 16	1000	12000
NAS-40006	4,0 x 6	5	NASS-40006	4,0 x 6	1000	12000
NAS-40008	4,0 x 8	5	NASS-40008	4,0 x 8	1000	12000
NAS-40010	4,0 x 10	5	NASS-40010	4,0 x 10	1000	12000
NAS-40012	4,0 x 12	5	NASS-40012	4,0 x 12	500	8000
NAS-40014	4,0 x 14	5	NASS-40014	4,0 x 14	500	8000
NAS-40016	4,0 x 16	5	NASS-40016	4,0 x 16	500	8000
NAS-40018	4,0 x 18	5	NASS-40018	4,0 x 18	500	6000
NAS-40020	4,0 x 20	5	NASS-40020	4,0 x 20	500	6000
NAS-40022	4,0 x 22	5	NASS-40022	4,0 x 22	500	6000
NAS-40024	4,0 x 24	5	NASS-40024	4,0 x 24	500	6000
NAS-48008	4,8 x 8	5	NASS-48008	4,8 x 8	500	8000
NAS-48010	4,8 x 10	5	NASS-48010	4,8 x 10	500	8000
NAS-48012	4,8 x 12	5	NASS-48012	4,8 x 12	500	6000
NAS-48014	4,8 x 14	5	NASS-48014	4,8 x 14	500	6000
NAS-48016	4,8 x 16	5	NASS-48016	4,8 x 16	500	6000
NAS-48018	4,8 x 18	5	NASS-48018	4,8 x 18	500	6000
NAS-48020	4,8 x 20	5	NASS-48020	4,8 x 20	500	4000
NAS-48022	4,8 x 22	5	NASS-48022	4,8 x 22	500	4000
NAS-48024	4,8 x 24	5	NASS-48024	4,8 x 24	500	4000
NAS-48030	4,8 x 30	5	NASS-48030	4,8 x 30	250	3000

 Blister			
NASM-32006	3,2 x 6	50	1000
NASM-40010	4,0 x 10	50	1000
NASM-40012	4,0 x 12	50	1000
NASM-40014	4,0 x 14	50	1000
NASM-40016	4,0 x 16	50	1000
NASM-40018	4,0 x 18	50	1000
NASM-40020	4,0 x 20	50	1000
NASM-40022	4,0 x 22	50	1000
NASM-40024	4,0 x 24	50	1000
NASM-48008	4,8 x 8	50	1000
NASM-48010	4,8 x 10	50	1000
NASM-48012	4,8 x 12	50	1000
NASM-48014	4,8 x 14	50	1000
NASM-48016	4,8 x 16	50	1000
NASM-48018	4,8 x 18	50	1000
NASM-48020	4,8 x 20	50	1000
NASM-48022	4,8 x 22	50	1000
NASM-48024	4,8 x 24	50	1000
NASM-48030	4,8 x 30	50	1000



FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING

KLIMAS
FASTENER TECHNOLOGIES

ACCESSORIES

PEPDM

Ø 14-19

EPDM washer



Carton box	Ø			
PEPDM-14	4.8	14	500	8000
PEPDM-16	5.5	16	500	8000
PEPDM-19	6.3	19	500	6000

WSW-KAP

Covering cap



Carton box		RAL		
WSW-KAP	SW-9	9010	100	1000

SD4

Betonbohrer (SDS)



Blister			
SD4-05110	5,0 x 110	60	1

H-A

Steinbohrer SDS



Carton box	Ø		
H-A782404	5,0 mm	110 mm / 60 mm	1
H-A782406	5,0 mm	160 mm / 110 mm	1
H-A782407	5,0 mm	210 mm / 160 mm	1
H-A782408	5,0 mm	260 mm / 210 mm	1
H-A782409	5,0 mm	310 mm / 260 mm	1
H-A782400	5,0 mm	465 mm / 400 mm	1

WM

Sacked wrench bit WM



Blister		
WM-06050	SW 6 / 50	1
WM-08050	SW 8 / 50	1
WM-10050	SW 10 / 50	1
WM-13050	SW 13 / 50	1

PH-S2

PH screwdriver bits



Blister		
PH-S2-02025	PH-2 / 25	10
PH-S2-02050	PH-2 / 50	10
PH-S2-03025	PH-3 / 25	10
PH-S2-03050	PH-3 / 50	10

TX-S2

TX screwdriver bits



Blister		
TX-30S2	TX-30 / 25	5

FASTENERS FOR FLAT ROOF THERMAL INSULATION AND WATERPROOFING SYSTEM

LINO - 13 (PA)

1 THE HIGHEST QUALITY

The sleeve is made of nylon-polyamide (PA)

2 LEVELING OF THERMAL BRIDGES

3 EASY OF ASSEMBLE

4 ANTI-CORROSION PROTECTION

corrosion protection of fasteners according to the test of 15 Kesternich cycles

5 PRODUCT MARKING

product identification - product feature

WE DELIVER COMPLETED SLEEVES WITH FASTENER*

* on request and order



FASTENERS FOR FLAT ROOF THERMAL INSULATION AND WATERPROOFING SYSTEM

KLIMAS
FASTENER TECHNOLOGIES

LINO 13

Ø 13

Ø 13 plastic sleeve NYLON



ETA-15/0578



WDB-T

Ø 4,8

Self-tapping fastener for profiled roof sheets of 0,50 - 0,75 mm in thickness and wooden substrate



0,50 ÷ 0,75 mm

ETA-15/0578



Carton box



WDB-T-48040-D(100)	4,8 x 40	100	3200
WDB-T-48050-D(100)	4,8 x 50	100	1600
WDB-T-48060-D(100)	4,8 x 60	100	1600
WDB-T-48070-D(100)	4,8 x 70	100	1600
WDB-T-48080-D(100)	4,8 x 80	100	1200
WDB-T-48090-D(100)	4,8 x 90	100	1600
WDB-T-48100-D(100)	4,8 x 100	100	1200
WDB-T-48120-D(100)	4,8 x 120	100	1200
WDB-T-48140-D(100)	4,8 x 140	100	800
WDB-T-48160-D(100)	4,8 x 160	100	800
WDB-T-48180-D(100)	4,8 x 180	100	800
WDB-T-48200-D(100)	4,8 x 200	100	400
WDB-T-48220-D(100)	4,8 x 220	100	400
WDB-T-48240-D(100)	4,8 x 240	100	400

Carton box



LINO13035PA(200)	13 x 35	200
LINO13055PA(200)	13 x 55	200
LINO13085PA(200)	13 x 85	200
LINO13105PA(200)	13 x 105	200
LINO13135PA(200)	13 x 135	200
LINO13155PA(200)	13 x 155	200
LINO13185PA(200)	13 x 185	200
LINO13235PA(100)	13 x 235	100
LINO13285PA(100)	13 x 285	100

WSR-T

Ø 4,8

Self-drilling fastener for profiled roof sheets of 0,5 - 1,25 mm thickness



0,5 - 1,25 mm

ETA-15/0578



WBSW

Ø 6,3

Self-tapping fastener for concrete and wooden substrate



ETA-15/0578



Carton box



WBSW-63060-D(100)	6,3 x 60	100	1600
WBSW-63070-D(100)	6,3 x 70	100	1200
WBSW-63080-D(100)	6,3 x 80	100	1200
WBSW-63090-D(100)	6,3 x 90	100	1200
WBSW-63100-D(100)	6,3 x 100	100	1200
WBSW-63120-D(100)	6,3 x 120	100	800
WBSW-63140-D(100)	6,3 x 140	100	800
WBSW-63160-D(100)	6,3 x 160	100	800
WBSW-63180-D(100)	6,3 x 180	100	800
WBSW-63200-D(100)	6,3 x 200	100	400
WBSW-63220-D(100)	6,3 x 220	100	400
WBSW-63240-D(100)	6,3 x 240	100	400
WBSW-63300-D(100)	6,3 x 300	100	400

Carton box



WSR-T-48040-D(100)	4,8 x 40	100	3200
WSR-T-48050-D(100)	4,8 x 50	100	3200
WSR-T-48060-D(100)	4,8 x 60	100	1600
WSR-T-48070-D(100)	4,8 x 70	100	1600
WSR-T-48080-D(100)	4,8 x 80	100	1200
WSR-T-48090-D(100)	4,8 x 90	100	1200
WSR-T-48100-D(100)	4,8 x 100	100	1200
WSR-T-48120-D(100)	4,8 x 120	100	800
WSR-T-48140-D(100)	4,8 x 140	100	800
WSR-T-48160-D(100)	4,8 x 160	100	800
WSR-T-48180-D(100)	4,8 x 180	100	800
WSR-T-48200-D(100)	4,8 x 200	100	400
WSR-T-48220-D(100)	4,8 x 220	100	400
WSR-T-48240-D(100)	4,8 x 240	100	400
WSR-T-48260-D(100)	4,8 x 260	100	400
WSR-T-48300-D(100)	4,8 x 300	100	500

WB6-D

Ø 6,3

Self-tapping fastener for concrete substrates



ETA-15/0578



Carton box

WB6-63035-D	6,3 x 35	250	3000
WB6-63045-D	6,3 x 45	250	3000

SMN

Ø 6 | 8

Expansion plug NYLON



ETA-15/0578



Carton box

SMN-06050	6,0 x 50	3,9 x 55	200
SMN-08060	8,0 x 60	4,9 x 65	100

KNX

Ø 8

Plastic sleeve plug for concrete substrates NYLON
(to be combined with WDB-T fastener)



ETA-15/0578



Carton box

KNX-08050	8,0 x 50	400	1600

FBZ

Vapour barrier foil



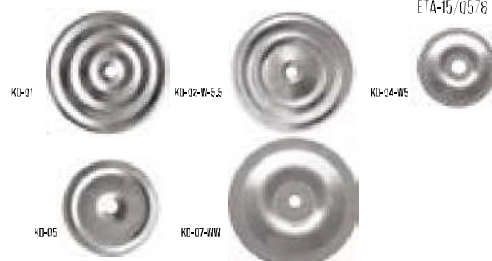
FBZ-0250

2 m x 50 mb x 1,05 m

WASHERS

KD

Steel washers - oval



ETA-15/0578



Carton box

	Ø	Thickness	
KD-01(X200)	70 - 5,0	0,6 mm	200
KD-02-W-5,5(X200)	70 - 5,5	0,6 mm	200
KD-04-W5(X200)	40 - 5,0	1,0 mm	200
KD-05(X200)	50 - 5,0	1,0 mm	200
KD-07-WW(X200)	70 - 6,5	0,9 mm	200



ETA-15/0578



Carton box

		Ø	Grubość	
KD-03-P(X200)	80 x 40	5,5	1,0	200
KD-03-W5(X200)	80 x 40	5,0	1,0	200
KD-03-W7(X200)	80 x 40	7,0	1,0	200
KD-03-W9(X200)	80 x 40	9,0	1,0	200
KD-03-WW7(X200)	80 x 40	7,0	1,0	200

FASTENERS FOR FLAT ROOF THERMAL INSULATION AND WATERPROOFING SYSTEM

KLIMAS
FASTENER TECHNOLOGIES

ACCESSORIES

PH-S2 / TX-S2

Driver bit PH-2



Carton box		
PH-S2-Q2110	PH-2 / 110 mm	1
PH-S2-Q2160	PH-2 / 160 mm	1
PH-S2-Q2250	PH-2 / 250 mm	1
PH-S2-Q2350	PH-2 / 350 mm	1



Carton box			
TX-20S2-160	TX-20 / 160 mm	WDB-T, WSP-T	1
TX-20S2-250	TX-20 / 250 mm	WDB-T, WSP-T	1
TX-20S2-350	TX-20 / 350 mm	WDB-T, WSP-T	1
TX-30S2-160	TX-30 / 160 mm	WBSW	1
TX-30S2-250	TX-30 / 250 mm	WBSW	1
TX-30S2-350	TX-30 / 350 mm	WBSW	1

WM

Socked wrench SW-8



Carton box		
WM-Q8050	SW 8 / 50	1

DWS-500

Drill extension with wedge for WSDP



Carton box		
DWS-500	500 mm	1

DWB-400 M6

Extension for M6 bits



Carton box		
DWB-400 M6	M6 / 400 mm	1

TX20-S2 M6 / TX30-S2 M6 / PH2-S2 M6

Bits M6 for extension DWB-400 M6



Carton box		
TX20-S2M6	M6 / 30 mm	5
TX30-S2M6	M6 / 30 mm	5
PH2-S2M6	M6 / 30 mm	5

H-A

Drill bits for concrete type SDS $\varnothing$ 5,0 mm



Carton box	$\varnothing$		
H-A782404	5,0 mm	110 mm / 60 mm	1
H-A782406	5,0 mm	160 mm / 110 mm	1
H-A782407	5,0 mm	210 mm / 160 mm	1
H-A782408	5,0 mm	260 mm / 210 mm	1
H-A782409	5,0 mm	310 mm / 260 mm	1
H-A782400	5,0 mm	465 mm / 400 mm	1

WSDP

Drill for DWS-500 extension - 5,0 mm



Carton box	$\varnothing$		
WSDP-Q5100	5,0	100 mm	1
WSDP-Q5160	5,0	160 mm	1

SCREWS FOR PRODUCTION OF WINDOWS AND DOORS

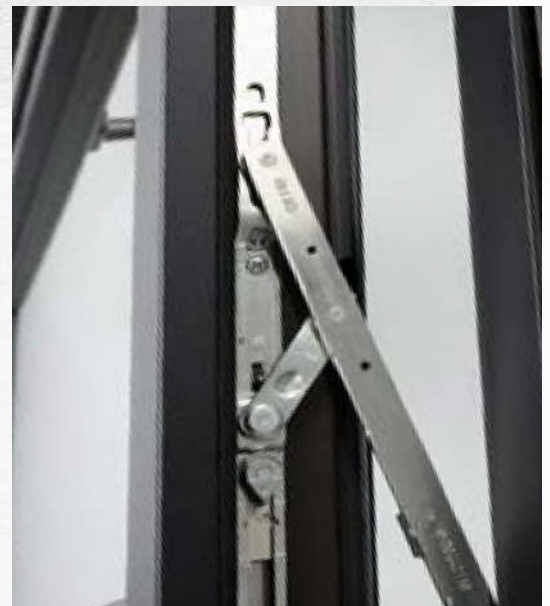
WPCV-R / WSPCV-R

100% OF SCREWS CONTROLLED!

The parameters checked include length, shank diameter, thread diameter, head size, quality of the drive, thread pitch and length, tip.

WPCV-B-R

WSPCV-B



WPCV-B-R

Ø4

Screw with ribs for fittings, PH



Carton box			
WPCV-B-R-40016	4,0 x 16	1000	16000
WPCV-B-R-40020	4,0 x 20	1000	16000
WPCV-B-R-40025	4,0 x 25	1000	16000
WPCV-B-R-40030	4,0 x 30	1000	12000
WPCV-B-R-40035	4,0 x 35	500	8000
WPCV-B-R-40040	4,0 x 40	500	8000
WPCV-B-R-40045	4,0 x 45	500	6000

WSPCV-B

Ø3,9

Self-drilling screw without ribs for fittings and steel reinforcement, PH



Carton box			
WSPCV-B-39013	3,9 x 13	1000	16000
WSPCV-B-39016	3,9 x 16	1000	16000
WSPCV-B-39019	3,9 x 19	1000	16000
WSPCV-B-39025	3,9 x 25	1000	16000
WSPCV-B-39032	3,9 x 32	500	8000
WSPCV-B-39040	3,9 x 40	500	8000

WSDST

Ø6,3

Self-drilling screw for fixing timber in steel substrate - 7 mm



Carton box			
WSDST-63050	6,3 x 50	250	3000
WSDST-63060	6,3 x 60	200	2400
WSDST-63070	6,3 x 70	200	2400

WSDSK

Ø4,8 | 5,5

Self-drilling screw for fixing timber in steel substrate - 3mm



Carton box			
WSDSK-48032	4,8 x 32	500	6000
WSDSK-48038	4,8 x 38	250	4000
WSDSK-48045	4,8 x 45	250	3000
WSDSK-48050	4,8 x 50	250	3000
WSDSK-55038	5,5 x 38	250	4000
WSDSK-55045	5,5 x 45	250	3000
WSDSK-55050	5,5 x 50	250	3000

WSPC

BWSPC

Ø4,2

Flange head zinc plated screw



Carton box			
WSPC-42013	4,2x13	1000	16000
WSPC-42016	4,2x16	1000	16000
WSPC-42019	4,2x19	1000	12000
WSPC-42025	4,2x25	500	8000
WSPC-42032	4,2x32	500	6000
WSPC-42045	4,2x45	300	3600
WSPC-42055	4,2x55	300	3600

B blister			
BWSPC-42013(X10)	4,2x13	35	10
BWSPC-42016(X10)	4,2x16	30	10
BWSPC-42019(X10)	4,2x19	28	10
BWSPC-42025(X10)	4,2x25	25	10
BWSPC-42032(X10)	4,2x32	22	10

DRYWALL FASTENER SYSTEMS

KGD / KSGD / KMGD / KGM / KSGM / KMGM

PULL-OUT

RESISTANCE

Higher pull-out resistance compared to the requirements of standard.



COUNTER-SUNK HEAD WITH PH-2 DRIVE

Countersunk head ensures flush fitting of the screw in the installed member. One of the commonest drives provides for installation with the use of impact torsion bits.



SHORT SCREWING TIME

>Special profile of thread to reduce screwing time to a minimum: 2.5-time shorter screwing time compared to the requirements of standard.

KGD / KSGD / KMGD

KSSG / KMSG

 **KGD, KSGD**
 **KMGD**
 **BGD**

ø3,5 | 4,2 | 4,8

Drywall to wood screw



 **KGM, KSGM**
 **KMGM**
 **BGM**

ø3,5 | 4,2 | 4,8

Drywall to steel screw



 **Carton box**



KGD-35025	3,5 x 25	10
KGD-35035	3,5 x 35	10
KGD-35045	3,5 x 45	10
KGD-35055	3,5 x 55	10
KGD-42070	4,2 x 70	10
KGD-42090	4,2 x 90	10
KGD-48100	4,8 x 100	10
KGD-48120	4,8 x 120	10

 **Carton box**



KSGD-35025	3,5 x 25	1000	12000
KSGD-35035	3,5 x 35	1000	12000
KSGD-35045	3,5 x 45	500	6000
KSGD-35055	3,5 x 55	500	6000
KSGD-42070	4,2 x 70	250	3000
KSGD-42090	4,2 x 90	250	3000
KSGD-48100	4,8 x 100	200	2400
KSGD-48120	4,8 x 120	200	1600

 **Bag**



KMGD-35025	3,5 x 25	200	6000
KMGD-35035	3,5 x 35	200	6000
KMGD-35045	3,5 x 45	100	3000
KMGD-35055	3,5 x 55	100	2000
KMGD-42070	4,2 x 70	50	1500
KMGD-42090	4,2 x 90	50	1500
KMGD-48100	4,8 x 100	25	750
KMGD-48120	4,8 x 120	25	750

 **Blister**



BGD-35025(X9)	3,5 x 25	100	9
BGD-35035(X9)	3,5 x 35	100	9
BGD-35045(X9)	3,5 x 45	50	9
BGD-35055(X9)	3,5 x 55	50	9
BGD-42070(X9)	4,2 x 70	50	9
BGD-42090(X9)	4,2 x 90	25	9
BGD-48100(X9)	4,8 x 100	15	9
BGD-48120(X9)	4,8 x 120	15	9

 **Carton box**



KGM-35025	3,5 x 25	10
KGM-35035	3,5 x 35	10
KGM-35045	3,5 x 45	10
KGM-35055	3,5 x 55	10
KGM-42070	4,2 x 70	10
KGM-42090	4,2 x 90	10
KGM-48100	4,8 x 100	10
KGM-48120	4,8 x 120	10

 **Carton box**



KSGM-35025	3,5 x 25	1000	12000
KSGM-35035	3,5 x 35	1000	12000
KSGM-35045	3,5 x 45	500	6000
KSGM-35055	3,5 x 55	500	6000
KSGM-42070	4,2 x 70	250	3000
KSGM-42090	4,2 x 90	250	3000
KSGM-48100	4,8 x 100	200	2400
KSGM-48120	4,8 x 120	200	1600

 **Bag**



KMGM-35025	3,5 x 25	200	6000
KMGM-35035	3,5 x 35	200	6000
KMGM-35045	3,5 x 45	100	3000
KMGM-35055	3,5 x 55	100	2000
KMGM-42070	4,2 x 70	50	1500
KMGM-42090	4,2 x 90	50	1500
KMGM-48100	4,8 x 100	25	750
KMGM-48120	4,8 x 120	25	750

 **Blister**



BGM-35025(X9)	3,5 x 25	100	9
BGM-35035(X9)	3,5 x 35	100	9
BGM-35045(X9)	3,5 x 45	50	9
BGM-35055(X9)	3,5 x 55	50	9
BGM-42070(X9)	4,2 x 70	50	9
BGM-42090(X9)	4,2 x 90	25	9
BGM-48100(X9)	4,8 x 100	15	9
BGM-48120(X9)	4,8 x 120	15	9

KSSG, KMSG BSG

Ø3,5

Drywall to steel self-drilling screw



Carton box			
KSSG-35025	3,5 x 25	1000	12000
KSSG-35035	3,5 x 35	1000	12000
KSSG-35045	3,5 x 45	500	6000

Bag			
KMSG-35025	3,5 x 25	200	6000
KMSG-35035	3,5 x 35	100	3000
KMSG-35045	3,5 x 45	100	3000

Blister			
BSG-35025(X9)	3,5 x 25	100	9
BSG-35035(X9)	3,5 x 35	50	9
BSG-35045(X9)	3,5 x 45	50	9

KTGM

Ø3,5

Screws for fastening plasterboard to steel substrate on tape



Carton box			ilosc wkrętów na taśmie
KTGM-35025	3,5 x 25	1000	50
KTGM-35035	3,5 x 35	1000	50

KSGP

Ø5

Screws for panel-panel connections



Carton box		
KSGP-50035	5 x 35	500

KSTEX KMTEX BTEX

Ø3,5

Tex self-drilling screw



KSTEX-35035
KMTEX-35035

KSTEX-35035-B
KMTEX-35035-B



Carton box			
KSTEX-35095	3,5 x 9,5	1000	32000
KSTEX-35095-B*	3,5 x 9,5	1000	32000

Bag			
KMTEX-35095	3,5 x 9,5	500	15000
KMTEX-35095-B*	3,5 x 9,5	500	15000

Blister			
BTEX-35095(X9)	3,5 x 9,5	200	9
BTEX-35095-B(X9)*	3,5 x 9,5	200	9

*Cynk biały

CONNECTORS THREE-DIMENSIONAL METAL – SUSPENSION

ES

Bracket for CD 60/27 sections



Carton box	↓ ↑	kg
ES-60-75-08	0,80	100
ES-60-125-08	0,80	100

ESP

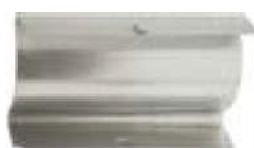
Bracket for CD 60/27 sections



Carton box	↓ ↑	kg
ESP-60-75-08	0,80	100
ESP-60-125-08	0,80	100
ESP-60-175-08	0,80	100
ESP-60-225-08	0,80	100

ZPD

Longitudinal connector for CD 60/27 sections



Carton box	↓ ↑	kg
ZPD	0,60	100

ZPP

One-side transverse connector for CD 60/27 sections



Carton box	↓ ↑	kg
ZPP-08	0,20	100

ZK

Cross bracket for CD 60/27 sections



Carton box	↓ ↑	kg
ZK-8	0,30	100

WSO

Bracket for CD 60/27 sections



Carton box	↓ ↑	kg
WSO-60-100-08	0,30	100

WK

Rafter tie plate



Carton box	↓ ↑	kg
WK-60-60-08	0,80	100
WK-60-270-08	0,80	100

WDH

Double hanger



Carton box	↓ ↑	kg
WDH	0,70	100

PM

Fastening pin



Carton box	↓ ↑	kg
PM-25	250	100
PM-50	500	100
PM-75	750	100
PM-100	1000	100
PM-150	1500	100
PM-200	2000	100

PLUGS AND ANCHORS FOR ATTACHING DRYWALL

 **MOL**
 **BMOL**

M4 | M5 | M6

"MOLLY" steel anchor



 Carton box				
MOL-04025	M4 x 25	2 - 6	100	3200
MOL-04038	M4 x 38	6 - 12	100	1600
MOL-04045	M4 x 45	13 - 16	100	1600
MOL-04052	M4 x 52	20 - 24	100	1600
MOL-04065	M4 x 65	27 - 33	100	1600
MOL-04071	M4 x 71	33 - 39	100	1600
MOL-05045	M5 x 45	6 - 12	100	1600
MOL-05058	M5 x 58	12 - 16	50	800
MOL-05071	M5 x 71	24 - 32	50	800
MOL-05088	M5 x 88	39 - 45	50	800
MOL-06045	M6 x 45	7 - 12	50	800
MOL-06058	M6 x 58	10 - 16	50	800
MOL-06071	M6 x 71	24 - 32	50	600
MOL-06088	M6 x 88	39 - 45	50	600

 Bag				
W-MOL-04038	M4 x 38	6 - 12	50	20
W-MOL-04045	M4 x 45	13 - 16	50	18

 Blister				
BMOL-04025 (X10)	M4 x 25	2 - 6	6	10
BMOL-04038 (X10)	M4 x 38	6 - 12	6	10
BMOL-04045 (X10)	M4 x 45	13 - 16	5	10
BMOL-04052 (X10)	M4 x 52	20 - 24	5	10
BMOL-04065 (X10)	M4 x 65	27 - 33	4	10
BMOL-05045 (X10)	M5 x 45	6 - 12	4	10
BMOL-05058 (X10)	M5 x 58	12 - 16	4	10
BMOL-05071 (X10)	M5 x 71	24 - 32	3	10
BMOL-06045 (X10)	M6 x 45	7 - 12	3	10
BMOL-06058 (X10)	M6 x 58	10 - 16	3	10

 **MHP**
 **BMHP**

M4 | M5

"MOLLY" steel anchor with straight hook



 Carton box				
MHP-04032	M4 x 38	6 - 12	100	1600
MHP-05052	M5 x 58	12 - 16	50	600

 Blister				
BMHP-04032(X10)	M4 x 38	6 - 12	4	10
BMHP-05052(X10)	M5 x 58	12 - 16	3	10

 **MHS**
 **BMHS**

M4

"MOLLY" steel anchor with hook



 Carton box				
MHS-04032	M4 x 38	6 - 12	100	1600

 Blister				
BMHS-04032(X10)	M4 x 38	6 - 12	4	10



M4

"MOLLY" steel anchor with eye hook



Carton box				
MHO-04032	M4 x 33	6-12	100	1600

Blister				
BMHO-04032(X10)	M4 x 33	6-12	4	10



HT

"MOLLY" anchor setting tool



Carton box		
HT-1	1	40



KDR

"DRIVA" plug tip



Carton box		
KDR	1	1450



M4 | M5

Toggle anchor



Carton box			
M-04050	M4 x 50	50	400
M-04075	M4 x 75	50	400
M-05075	M5 x 75	25	200
M-05090	M5 x 90	25	200

Blister			
BM-04050(X10)	M4 x 50	2	10
BM-04075(X10)	M4 x 75	2	10
BM-05075(X10)	M5 x 75	2	10
BM-05090(X9)	M5 x 90	2	9



M4 | M5

Toggle anchor with round hook



Carton box			
M-04050-C	M4 x 50	50	400
M-04075-C	M4 x 75	50	400
M-05075-C	M5 x 75	25	200
M-05090-C	M5 x 90	25	200

Blister			
BM-04050-C(X10)	M4 x 50	2	10
BM-04075-C(X9)	M4 x 75	2	9
BM-05075-C(X9)	M5 x 75	2	9
BM-05090-C(X9)	M5 x 90	2	9



M4 | M5

Toggle anchor with eye hook



Carton box			
M-04050-0	M4 x 50	50	400
M-04075-0	M4 x 75	50	400
M-05075-0	M5 x 75	25	200
M-05090-0	M5 x 90	25	200

Blister			
BM-04050-0(X10)	M4 x 50	2	10
BM-04075-0(X10)	M4 x 75	2	18
BM-05075-0(X9)	M5 x 75	2	9
BM-05090-0(X9)	M5 x 90	2	9



Ø 10

Plasterboard plugs with screws



Carton box				
GWK	10 x 50	3,5 x 60	100	800

Bag				
W-GWK	10 x 50	3,5 x 60	30	15

Blister				
BGK-10(X9)	10 x 50	3,5 x 60	7	9



Ø 10

Plasterboard plugs



Carton box			
GKK	10 x 50	200	800

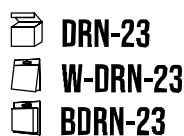


Plasterboard "DRIVA" ZN-AL plug



Carton box			
DRZN-29	29	200	2400

Blister			
BDRZN-29(X10)	29	5	10



Plasterboard "DRIVA" plug



Carton box			
DRN-23	23	200	3200

Bag			
W-DRN-23	23	50	22
W-DRN-23 + MH35030	23; 3,5 x 30	50	22

Blister			
BDRN-23(X10)	23	20	10

SEAM AND REPARATION TAPES



TFIB-M

Mold-resistant drywall self-adhesive fibreglass tape



	Carton box				
TFIB-04890-M		48 mm x 90 mb		1	12

TFIB-P

Adhesive fibreglass tape, 30% thinner



	Carton box				
TFIB-04890-P		48 mm x 90 mb		1	12

TFIB

Self-adhesive fibreglass tape, classic



	Carton box				
TFIB-04820		48 mm x 20 mb		1	24
TFIB-04845		48 mm x 45 mb		1	24
TFIB-04890		48 mm x 90 mb		1	24
TFIB-10090		100 mm x 90 mb		1	12
TFIB-15025		150 mm x 25 mb		1	12

TFIB-X

Highly self-adhesive fibreglass tape



	Carton box				
TFIB-04890-X		48 mm x 90 mb		1	12

TFIZ

Interfacing tape



	Carton box				
TFIZ-05025		50 mm x 25 mb		1	100

SMGP M5 | 6 | 8 | 10 | 12 | 16 | 20

Hex head full thread bolt class 5.8 (DIN 933)



Carton box	mm	kg
SMGP-05016(X3)	5,0 x 16	3
SMGP-05020(X3)	5,0 x 20	3
SMGP-05025(X3)	5,0 x 25	3
SMGP-05030(X3)	5,0 x 30	3
SMGP-05035(X3)	5,0 x 35	3
SMGP-05040(X3)	5,0 x 40	3
SMGP-05050(X3)	5,0 x 50	3
SMGP-06016(X3)	6,0 x 16	3
SMGP-06016(10)(X10)	6,0 x 16	10
SMGP-06020(X3)	6,0 x 20	3
SMGP-06020(10)(X10)	6,0 x 20	10
SMGP-06025(X3)	6,0 x 25	3
SMGP-06025(10)(X10)	6,0 x 25	10
SMGP-06030(X3)	6,0 x 30	3
SMGP-06030(10)(X10)	6,0 x 30	10
SMGP-06035(X3)	6,0 x 35	3
SMGP-06035(10)(X10)	6,0 x 35	10
SMGP-06040(X3)	6,0 x 40	3
SMGP-06040(10)(X10)	6,0 x 40	10
SMGP-06050(X3)	6,0 x 50	3
SMGP-06050(10)(X10)	6,0 x 50	10
SMGP-06055(10)(X10)	6,0 x 55	10
SMGP-06060(X3)	6,0 x 60	3
SMGP-06060(10)(X10)	6,0 x 60	10
SMGP-06065(10)(X10)	6,0 x 65	10
SMGP-06070(X3)	6,0 x 70	3
SMGP-06070(10)(X10)	6,0 x 70	10
SMGP-06075(10)(X10)	6,0 x 75	10
SMGP-06080(X3)	6,0 x 80	3
SMGP-06080(10)(X10)	6,0 x 80	10
SMGP-06090(10)(X10)	6,0 x 90	10
SMGP-06100(10)(X10)	6,0 x 100	10
SMGP-06120(10)(X10)	6,0 x 120	10
SMGP-08016(X3)	8,0 x 16	3
SMGP-08020(X3)	8,0 x 20	3
SMGP-08020(10)(X10)	8,0 x 20	10
SMGP-08025(X3)	8,0 x 25	3
SMGP-08025(10)(X10)	8,0 x 25	10
SMGP-08030(X3)	8,0 x 30	3
SMGP-08030(10)(X10)	8,0 x 30	10
SMGP-08035(X3)	8,0 x 35	3
SMGP-08035(10)(X10)	8,0 x 35	10
SMGP-08040(X3)	8,0 x 40	3
SMGP-08040(10)(X10)	8,0 x 40	10
SMGP-08045(10)(X10)	8,0 x 45	10
SMGP-08050(X3)	8,0 x 50	3
SMGP-08050(10)(X10)	8,0 x 50	10
SMGP-08060(X3)	8,0 x 60	3
SMGP-08060(10)(X10)	8,0 x 60	10
SMGP-08070(X3)	8,0 x 70	3
SMGP-08070(10)(X10)	8,0 x 70	10
SMGP-08080(X3)	8,0 x 80	3
SMGP-08080(10)(X10)	8,0 x 80	10
SMGP-08100(10)(X10)	8,0 x 100	10

	mm	kg
SMGP-10020(X3)	10 x 20	3
SMGP-10020(10)(X10)	10 x 20	10
SMGP-10025(X3)	10 x 25	3
SMGP-10025(10)(X10)	10 x 25	10
SMGP-10030(X3)	10 x 30	3
SMGP-10030(10)(X10)	10 x 30	10
SMGP-10035(X3)	10 x 35	3
SMGP-10035(10)(X10)	10 x 35	10
SMGP-10040(X3)	10 x 40	3
SMGP-10040(10)(X10)	10 x 40	10
SMGP-10050(X3)	10 x 50	3
SMGP-10050(10)(X10)	10 x 50	10
SMGP-10060(X3)	10 x 60	3
SMGP-10060(10)(X10)	10 x 60	10
SMGP-10070(X3)	10 x 70	3
SMGP-10070(10)(X10)	10 x 70	10
SMGP-10080(X3)	10 x 80	3
SMGP-10080(10)(X10)	10 x 80	10
SMGP-10100(X3)	10 x 100	3
SMGP-12020(X3)	12 x 20	3
SMGP-12025(X3)	12 x 25	3
SMGP-12030(X3)	12 x 30	3
SMGP-12035(X3)	12 x 35	3
SMGP-12040(X3)	12 x 40	3
SMGP-12050(X3)	12 x 50	3
SMGP-12060(X3)	12 x 60	3
SMGP-12070(X3)	12 x 70	3
SMGP-12080(X3)	12 x 80	3
SMGP-12100(X3)	12 x 100	3
SMGP-16025(X3)	16 x 25	3
SMGP-16030(X3)	16 x 30	3
SMGP-16040(X3)	16 x 40	3
SMGP-16050(X3)	16 x 50	3
SMGP-16060(X3)	16 x 60	3
SMGP-16070(X3)	16 x 70	3
SMGP-16080(X3)	16 x 80	3
SMGP-16100(X3)	16 x 100	3
SMGP-20050(X3)	20 x 50	3
SMGP-20060(X3)	20 x 60	3
SMGP-20070(X3)	20 x 70	3
SMGP-20080(X3)	20 x 80	3
SMGP-20100(X3)	20 x 100	3

SZM M6 | 8 | 10 | 12

Hex head partially threaded bolt (DIN 603)



Carton box	mm	kg
SZM-06020	6,0 x 20	3
SZM-06020(10)	6,0 x 20	10
SZM-06025	6,0 x 25	3
SZM-06025(10)	6,0 x 25	10
SZM-06030	6,0 x 30	3
SZM-06030(10)	6,0 x 30	10
SZM-06035	6,0 x 35	3
SZM-06035(10)	6,0 x 35	10
SZM-06040	6,0 x 40	3
SZM-06040(10)	6,0 x 40	10

Carton box	mm	kg
SZM-06045	6,0 x 45	3
SZM-06045(10)	6,0 x 45	10
SZM-06050	6,0 x 50	3
SZM-06050(10)	6,0 x 50	10
SZM-06055	6,0 x 55	3
SZM-06055(10)	6,0 x 55	10
SZM-06060	6,0 x 60	3
SZM-06060(10)	6,0 x 60	10
SZM-06065	6,0 x 65	3
SZM-06065(10)	6,0 x 65	10
SZM-06070	6,0 x 70	3
SZM-06070(10)	6,0 x 70	10
SZM-06080	6,0 x 80	3
SZM-06080(10)	6,0 x 80	10
SZM-06090	6,0 x 90	3
SZM-06090(10)	6,0 x 90	10
SZM-06100	6,0 x 100	3
SZM-06100(10)	6,0 x 100	10
SZM-06110	6,0 x 110	3
SZM-06110(10)	6,0 x 110	10
SZM-06120	6,0 x 120	3
SZM-06120(10)	6,0 x 120	10
SZM-08025	8,0 x 25	3
SZM-08025(10)	8,0 x 25	10
SZM-08030	8,0 x 30	3
SZM-08030(10)	8,0 x 30	10
SZM-08035	8,0 x 35	3
SZM-08035(10)	8,0 x 35	10
SZM-08040	8,0 x 40	3
SZM-08040(10)	8,0 x 40	10
SZM-08045	8,0 x 45	3
SZM-08045(10)	8,0 x 45	10
SZM-08050	8,0 x 50	3
SZM-08050(10)	8,0 x 50	10
SZM-08055	8,0 x 55	3
SZM-08055(10)	8,0 x 55	10
SZM-08060	8,0 x 60	3
SZM-08060(10)	8,0 x 60	10
SZM-08065	8,0 x 65	3
SZM-08065(10)	8,0 x 65	10
SZM-08070	8,0 x 70	3
SZM-08070(10)	8,0 x 70	10
SZM-08080	8,0 x 80	3
SZM-08080(10)	8,0 x 80	10
SZM-08090	8,0 x 90	3
SZM-08090(10)	8,0 x 90	10
SZM-08100	8,0 x 100	3
SZM-08100(10)	8,0 x 100	10
SZM-08110	8,0 x 110	3
SZM-08110(10)	8,0 x 110	10
SZM-08120	8,0 x 120	3
SZM-08120(10)	8,0 x 120	10
SZM-08130	8,0 x 130	3
SZM-08130(10)	8,0 x 130	10
SZM-08140	8,0 x 140	3
SZM-08140(10)	8,0 x 140	10
SZM-08150	8,0 x 150	3
SZM-08150(10)	8,0 x 150	10
SZM-10060	10 x 60	3
SZM-10060(10)	10 x 60	10
SZM-10080	10 x 80	3
SZM-10080(10)	10 x 80	10
SZM-10100	10 x 100	3
SZM-10100(10)	10 x 100	10
SZM-10120	10 x 120	3
SZM-10120(10)	10 x 120	10
SZM-10140	10 x 140	3
SZM-10140(10)	10 x 140	10
SZM-10160	10 x 160	3
SZM-10180	10 x 180	3

Carton box		
SZM-10120	10 x 120	3
SZM-10120(10)	10 x 120	10
SZM-10140	10 x 140	3
SZM-10140(10)	10 x 140	10
SZM-10160	10 x 160	3
SZM-10160(10)	10 x 160	10
SZM-10180	10 x 180	3
SZM-10180(10)	10 x 180	10
SZM-10200	10 x 200	3
SZM-10200(10)	10 x 200	10
SZM-12060	12 x 60	3
SZM-12080	12 x 80	3
SZM-12100	12 x 100	3
SZM-12120	12 x 120	3
SZM-12140	12 x 140	3
SZM-12160	12 x 160	3
SZM-12180	12 x 180	3
SZM-12200	12 x 200	3

NUTS AND WASHERS

NMS	M5 6 8 10 12 14 16
Hex self-locking nut (DIN 6334)	



Carton box		
NMS-05	M 5	3
NMS-06	M 6	3
NMS-08	M 8	3
NMS-10	M 10	3
NMS-12	M 12	3
NMS-14	M 14	3
NMS-16	M 16	3

ZN	M6 8 10 12 16
Hex nut (DIN 6334)	



Carton box			
ZN-06025	M 6	100	3200
ZN-08025	M 8	50	1600
ZN-10030	M 10	50	1600
ZN-12040	M 12	50	800
ZN-16050	M 16	25	400



NM	M5 6 8 10 12 14 16 20 24
----	--

Hex nut (DIN 934)



Carton box		
NM-05	M 5	4
NM-06	M 6	4
NM-06(10)	M 6	10
NM-08	M 8	4
NM-08(10)	M 8	10
NM-10	M 10	4
NM-10(10)	M 10	10
NM-12	M 12	3
NM-12(10)	M 12	10
NM-14	M 14	3
NM-14(10)	M 14	10
NM-16	M 16	3
NM-16(10)	M 16	10
NM-20	M 20	3
NM-20(10)	M 20	10
NM-24	M 24	3
NM-24(10)	M 24	10



NMK	M6 8 10 12
-----	------------------

Hex self-locking nut (DIN 1587)



Carton box		
NMK-06	M 6	3
NMK-08	M 8	3
NMK-10	M 10	3
NMK-12	M 12	3



NMM	M5 6 8 10 12 16
-----	---------------------------

Wing nut (DIN 315)



Carton box		
NMN-05	M 5	3
NMN-06	M 6	3
NMN-08	M 8	3
NMN-10	M 10	3
NMN-12	M 12	3



POD	M5 6 8 10 12 14 16 20 24
-----	--

Wide flat washers (DIN 127)



Carton box		
POD-05	M 5	4
POD-06	M 6	4
POD-06(10)	M 6	10
POD-08	M 8	4
POD-08(10)	M 8	10
POD-10	M 10	4
POD-10(10)	M 10	10
POD-12	M 12	4
POD-12(10)	M 12	10
POD-14	M 14	4
POD-14(10)	M 14	10
POD-16	M 16	4
POD-16(10)	M 16	10
POD-20	M 20	4
POD-20(10)	M 20	10
POD-24	M 24	4
POD-24(10)	M 24	10



PON

M5 | 6 | 8 | 10 | 12
14 | 16 | 20

Standard flat washers (DIN 125A)



Carton box



PON-05	M 5	4
PON-06	M 6	4
PON-06(10)	M 6	10
PON-08	M 8	4
PON-08(10)	M 8	10
PON-10	M 10	4
PON-10(10)	M 10	10
PON-12	M 12	4
PON-12(10)	M 12	10
PON-14	M 14	4
PON-14(10)	M 14	10
PON-16	M 16	4
PON-16(10)	M 16	10
PON-20	M 20	4
PON-20(10)	M 20	10



POS

M5 | 6 | 8 | 10 | 12
14 | 16 | 20

Spring washers (DIN 127)



Carton box



POS-05	M 5	3
POS-06	M 6	3
POS-08	M 8	3
POS-10	M 10	3
POS-12	M 12	3
POS-14	M 14	3
POS-16	M 16	3
POS-20	M 20	3

PGO

M6 | 8 | 10 | 12 | 14 | 16 | 20 | 24

Threaded rod class 4.6/4.8.

Sold as single item.



PGO-061000	6,0 x 1000	1
PGO-062000	6,0 x 2000	1
PGO-081000	8,0 x 1000	1
PGO-082000	8,0 x 2000	1
PGO-101000	10 x 1000	1
PGO-102000	10 x 2000	1
PGO-121000	12 x 1000	1
PGO-122000	12 x 2000	1
PGO-141000	14 x 1000	1
PGO-161000	16 x 1000	1
PGO-162000	16 x 2000	1
PGO-201000	20 x 1000	1
PGO-202000	20 x 2000	1
PGO-241000	24 x 1000	1
PGO-242000	24 x 2000	1

PGO

M6 | 8 | 10 | 12 | 14 | 16 | 20 | 24

Threaded rod class 4.6/4.8.

Sold as single item. Each piece labelled.



PGO-061000-E	6,0 x 1000	1
PGO-062000-E	6,0 x 2000	1
PGO-081000-E	8,0 x 1000	1
PGO-082000-E	8,0 x 2000	1
PGO-101000-E	10 x 1000	1
PGO-102000-E	10 x 2000	1
PGO-121000-E	12 x 1000	1
PGO-122000-E	12 x 2000	1
PGO-141000-E	14 x 1000	1
PGO-161000-E	16 x 1000	1
PGO-162000-E	16 x 2000	1
PGO-201000-E	20 x 1000	1
PGO-202000-E	20 x 2000	1
PGO-241000-E	24 x 1000	1
PGO-242000-E	24 x 2000	1

PGO

M6 | 8 | 10 | 12 | 14 | 16 | 20 | 24

Threaded rod class 4.6/4.8.

Sold in bundles.



PGO-061000(X184)	6,0 x 1000	184
PGO-062000(X93)	6,0 x 2000	93
PGO-081000(X100)	8,0 x 1000	100
PGO-082000(X50)	8,0 x 2000	50
PGO-101000(X65)	10 x 1000	65
PGO-102000(X31)	10 x 2000	31
PGO-121000(X42)	12 x 1000	42
PGO-122000(X20)	12 x 2000	20
PGO-141000(X32)	14 x 1000	32
PGO-161000(X22)	16 x 1000	22
PGO-162000(X11)	16 x 2000	11
PGO-201000(X15)	20 x 1000	15
PGO-202000(X7)	20 x 2000	7
PGO-241000(X10)	24 x 1000	10
PGO-242000(X5)	24 x 2000	5

PGO

M6 | 8 | 10 | 12 | 14 | 16 | 20 | 24

Threaded rod class 4.6/4.8.

Sold in bundles. Each piece labelled.



PGO-061000(X184)-E	6,0 x 1000	184
PGO-062000(X93)-E	6,0 x 2000	93
PGO-081000(X100)-E	8,0 x 1000	100
PGO-082000(X50)-E	8,0 x 2000	50
PGO-101000(X65)-E	10 x 1000	65
PGO-102000(X31)-E	10 x 2000	31
PGO-121000(X42)-E	12 x 1000	42
PGO-122000(X20)-E	12 x 2000	20
PGO-141000(X32)-E	14 x 1000	32
PGO-161000(X22)-E	16 x 1000	22
PGO-162000(X11)-E	16 x 2000	11
PGO-201000(X15)-E	20 x 1000	15
PGO-202000(X7)-E	20 x 2000	7
PGO-241000(X10)-E	24 x 1000	10
PGO-242000(X5)-E	24 x 2000	5

PG05 M8 | 10 | 12 | 16 | 20 | 24

Threaded rod class 5.8. Sold as single item



PG05-081000	8,0 x 1000	1
PG05-101000	10 x 1000	1
PG05-121000	12 x 1000	1
PG05-161000	16 x 1000	1
PG05-201000	20 x 1000	1
PG05-241000	24 x 1000	1

PG05 M8 | 10 | 12 | 16 | 20 | 24

Threaded rod class 5.8. Sold in bundles.



PG05-081000(X100)	8x1000	100
PG05-101000(X65)	10x1000	65
PG05-121000(X42)	12x1000	42
PG05-161000(X22)	16x1000	22
PG05-201000(X15)	20x1000	15
PG05-241000(X10)	24x1000	10

PG08 M8 | 10 | 12 | 16 | 20 | 24

Threaded rod class 8.8. Sold as single item



PG08-081000	8,0 x 1000	1
PG08-101000	10 x 1000	1
PG08-121000	12 x 1000	1
PG08-161000	16 x 1000	1
PG08-201000	20 x 1000	1
PG08-241000	24 x 1000	1

PG08 M8 | 10 | 12 | 16 | 20 | 24

Threaded rod class 8.8. Sold in bundles.



PG08-081000(X100)	8x1000	100
PG08-101000(X65)	10x1000	65
PG08-121000(X42)	12x1000	42
PG08-161000(X22)	16x1000	22
PG08-201000(X15)	20x1000	15
PG08-241000(X10)	24x1000	10

PG0A2 M 12 | 20 | 24

Threaded rod A2 sold as single item



PG0A2M12-100*	12 x 1000	1
PG0A2M20-100*	20 x 1000	1
PG0A2M24-100*	24 x 1000	1

*on request and order

PG0A4 M8 | 10 | 12 | 16 | 20 | 24

Threaded rod A4 sold as single item



PG0A4M8-100*	8 x 1000	1
PG0A4M10-100*	10 x 1000	1
PG0A4M12-100*	12 x 1000	1
PG0A4M16-100*	16 x 1000	1
PG0A4M20-100*	20 x 1000	1
PG0A4M24-100*	24 x 1000	1

*on request and order

KPG, KPGA2

M8 | 10 | 12
16 | 20 | 24

Threaded rods for injection anchors



CLASS 5.8		
KPG-M08	M8 x 110	20
KPG-M10	M10 x 130	10
KPG-M12	M12 x 160	10
KPG-M16	M16 x 190	10
KPG-M20	M20 x 250	10
KPG-M24	M24 x 300	5

CLASS 5.8		
KPGA2-M08*	M8 x 110	10
KPGA2-M10*	M10 x 130	10
KPGA2-M12*	M12 x 160	10
KPGA2-M16*	M16 x 190	10
KPGA2-M20*	M20 x 250	10
KPGA2-M24*	M24 x 300	5

*on request and order

WD M8 | 10

Hanger bolt



WD-08070	8,0 x 70	100	1200
WD-08080	8,0 x 80	100	1200
WD-08100	8,0 x 100	100	1200
WD-08120	8,0 x 120	100	200
WD-08140	8,0 x 140	50	400
WD-08160	8,0 x 160	50	400
WD-08180	8,0 x 180	50	400
WD-08200	8,0 x 200	50	400
WD-08220	8,0 x 220	50	200
WD-08250	8,0 x 250	50	200
WD-10060	10,0 x 60	100	1200
WD-10080	10,0 x 80	100	800
WD-10100	10,0 x 100	50	600
WD-10120	10,0 x 120	50	600
WD-10140	10,0 x 140	50	400
WD-10160	10,0 x 160	25	200
WD-10180	10,0 x 180	25	200

CLAMPS AND BANDS

TS

Worm drive band



Carton box

30 mb

TS-W3-30MB

ZTS

Single steel pipe clamp



Carton box

50

ZTS-W3

OTS

Torro clamps



Carton box

Ø

100

OTS-012-9

12-22

100

OTS-016-9

16-27

100

OTS-025-9

25-40

100

URG

Single rubber pipe clamp



Carton box

Ø

Ø

25

URG-3/8

3/8"

15-19 mm

25

URG-1/2

1/2"

20-25 mm

25

URG-3/4

3/4"

25-30 mm

25

URG-1

1"

32-36 mm

25

URG-1 1/4

1 1/4"

38-43 mm

25

URG-1 1/2

1 1/2"

47-51 mm

25

URG-2

2"

60-64 mm

25

URG-2 1/2

2 1/2"

75-80 mm

20

URG-3

3"

87-92 mm

20

URG-4

4"

107-112 mm

20

URG-6

6"

153-156 mm

20

URG2X

Double rubber clamp for copper pipes



Carton box

Ø

Ø

25

URG-2X3/8

3/8"

17-19 mm

25

URG-2X1

1"

33-37 mm

25

UJRB

Single clamp



Carton box

Ø

200

1600

UJRB-1

22-32

200

1600

UDRB

Twin clamp



Carton box

Ø

200

800

UDRB-1

22-32

200

800



INSTALLATION SYSTEMS AND SANITARY FIXINGS

 BKMMX

ø10

WC pan fixing kit


 Blister


BKMMX-10080B		2	20
BKMMX-10080S		2	20
BKMMX-10080Z		2	20

 BKMUX

ø12

Wash basin fixing kit


 Blister


BKMUX-12100	2	20
BKMUX-12120	2	20

 BKMPX

ø12 | 14

Urinal fixing kit


 Blister


BKMPX-12120B		2	20
BKMPX-12120S		2	20
BKMPX-14140B		2	20
BKMPX-14140S		2	20

ELECTRICAL FASTENERS

 OPZ

Cable ties


 Carton box


OPZ2.5-100		100	4000
OPZ3.75-150		100	2500
OPZ3.75-180		100	2000
OPZ3.75-200		100	2000
OPZ3.75-250		100	1500
OPZ4.8-250		100	1500
OPZ4.8-300		50	750
OPZ4.8-350		50	750
OPZ7.5-350		50	750
OPZ8-500		25	375

 OPZC

Cable ties


 Carton box


OPZC-2.5-150		100	2500
OPZC-3.75-200		100	2000
OPZC-3.75-250		100	1500

 ZKPGO

Threaded rod clamp


 Carton box


ZKPGO-8	1
ZKPGO-10	1

 KZ

Cable clips


 Carton box


KZ-3	3-5	100	3600
KZ-5	5-7	100	2400
KZ-7	7-10	50	1200
KZ-10	10-14	25	600

 WT

Trapezoidal sheet hanger


 Carton box


WT-120M6	M6 x 120	1
WT-120M8	M8 x 120	1



FOAMS

PMPG-65-900

Professional low expansion gun foam



PMPPLE-750

Professional low expansion gun foam



PMWL-700, PMWZ-700

Professional gun foam



 Carton box	[°C]		
PMPG-65-900(X12)	-20 °C ÷ +30 °C	580 ml	12

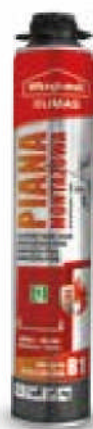
 Carton box	[°C]		
PMPPLE-750(X12)	-10 °C ÷ +30 °C	750 ml	12

 Carton box	[°C]		
PMWL-700(X12)	+5 °C ÷ +30 °C	700 ml	12
PMWZ-700(X12)	-10 °C ÷ +30 °C	700 ml	12

 multi-weather formula

PMPF-750

Fire retardant gun foam



PMPL-750

Professional gun foam



PMWWS-750

Pistole-montageschaum multi



 Carton box	[°C]		
PMPF-750(X12)	+5 °C ÷ +30 °C	750 ml	12

 Carton box	[°C]		
PMPL-750(X12)	-10 °C ÷ +30 °C	750 ml	12

 Carton box	[°C]		
PMWWS-750(X12)	-10 °C ÷ +30 °C	750 ml	12

FOAMS

PMWL-750, PMWZ-750

Professional gun foam



PMW-SMART-750

Smart straw foam



ADHESIVES

KMB-750

Klej poliuretanowy MULTI-BUD-FIX do prac ogólnobudowlanych



Carton box	[°C]		
PMWL-750(X12)	+5 °C ÷ +30 °C	750 ml	12
PMWZ-750(X12)	-10 °C ÷ +30 °C	750 ml	12

multi-weather formula

Carton box	[°C]		
PMW-SMART-750(X12)	+5 °C ÷ +30 °C	750 ml	12

Carton box	[°C]		
KMB-750(X12)	-5 °C ÷ +35 °C	750 ml	12

PMP-SMART-750

Smart gun foam



CZP

Foam cleaner



Carton box		
CZP-500	500 ml	12

KST-750

Polyurethane adhesive for general construction work



Carton box	[°C]		
PMP-SMART-750(X12)	+5 °C ÷ +30 °C	750 ml	12

Carton box	[°C]		
KST-750(X12)	+5 °C ÷ +30 °C	750 ml	12

ADHESIVES

KST-SMART-750

Polyurethane adhesive for general construction work



 Carton box	[°C]		
KST-SMART-750	+5°C ÷ +30°C	750 ml	12

KU-STRONG-310

All-purpose adhesive



 Carton box			
KU-STRONG-310-BI(X12)	☐	310 ml	12

KU-310

All-purpose adhesive



 Carton box			
KU-310-BI(X12)	☐	310 ml	12

SILICONES

SSA-310

Sanitary silicone



 Carton box			
SSA-310-BB(X12)	-	310 ml	12
SSA-310-BI(X12)	☐	310 ml	12

KMO-310

All-purpose adhesive



 Carton box			
KMO-310(X12)	☐	310 ml	12

SSZ-310

Silicone glazing sealant



 Carton box			
SSZ-310-BB(X12)	-	310 ml	12

SILICONES

SNE-310

Universal silicone



CE

SUN-310

Neutral silicone



CE

Carton box			
SNE-310-BB(X12)	-	310 ml	12
SNE-310-SZ(X12)			

Carton box			
SUN-310-BB(X12)	-	310 ml	12
SUN-310-BI(X12)		310 ml	12
SUN-310-BR(X12)		310 ml	12



SEALANTS

UDK-310

Rubber roof sealant



CE

UWT-310

High temperature sealant



CE

UDE-310

Roofing sealant



CE

Carton box			
UDK-310-BB(X12)	-	310 ml	12
UDK-310-BR(X12)		310 ml	12

Carton box			
UWT-310-CZ(X12)		310 ml	12

Carton box			
UDE-310-CZ(X12)		310 ml	12

ACRYL

UAZ-310

Universal acryl

CE



Carton box			
UAZ-310-BI(X12)	☐	310 ml	12

UAL-310

Universal acryl

CE



Carton box			
UAL-310(X12)	☐	310 ml	12

AKCESORIA

DPS

Foam applicator gun



Carton box		
DPS	1	20

DPT

Foam applicator gun



Carton box		
DPT	1	20

DSP-310

Cartridge applicators



Carton box		
DSP310	1	12

DSS-310

Cartridge applicators



Carton box		
DSS310	1	12

TDP-M MEDIUM

Continuous diamond blade



Blister



TDP-115M	115 x 1,9 x 22	1
TDP-125M	125 x 1,9 x 22	1
TDP-180M	180 x 2,2 x 22	1
TDP-230M	230 x 2,4 x 22	1

TDP-P PROFESSIONAL

Continuous diamond blade



Blister



TDP-115P	115 x 1,9 x 22	1
TDP-125P	125 x 1,9 x 22	1
TDP-180P	180 x 2,2 x 22	1
TDP-230P	230 x 2,4 x 22	1

TDT-HP HOT PRESSED

Turbo hot pressed diamond blade



Blister



TDT-115HP	115 x 2,2 x 22	1
TDT-125HP	125 x 2,3 x 22	1
TDT-180HP	180 x 2,4 x 22	1
TDT-230HP	230 x 2,6 x 22	1

TDS-M MEDIUM

Segmented diamond blade



Blister



TDS-115M	115 x 1,9 x 22	1
TDS-125M	125 x 1,9 x 22	1
TDS-180M	180 x 2,2 x 22	1
TDS-230M	230 x 2,4 x 22	1

TDS-P PROFESSIONAL

Segmented diamond blade



Blister



TDS-115P	115 x 1,9 x 22	1
TDS-125P	125 x 1,9 x 22	1
TDS-180P	180 x 2,2 x 22	1
TDS-230P	230 x 2,4 x 22	1

TDST SUPER TURBO

Super turbo diamond blade



Blister



TDST-115	115 x 2,4 x 22	1
TDST-125	125 x 2,4 x 22	1
TDST-180	180 x 2,6 x 22	1
TDST-230	230 x 2,8 x 22	1

TDT-M MEDIUM

Turbo diamond blade



Blister



TDT-115M	115 x 2,2 x 22	1
TDT-125M	125 x 2,3 x 22	1
TDT-180M	180 x 2,4 x 22	1
TDT-230M	230 x 2,6 x 22	1

TDT-P PROFESSIONAL

Turbo diamond blade



Blister



TDT-115P	115 x 2,2 x 22	1
TDT-125P	125 x 2,3 x 22	1
TDT-180P	180 x 2,4 x 22	1
TDT-230P	230 x 2,6 x 22	1

TSS

Corundum disc for steel grinding



Blister		
TSS-11568(X5)	115 x 6,8 x 22	5
TSS-12568(X5)	125 x 6,8 x 22	5
TSS-18068(X5)	180 x 6,8 x 22	5
TSS-23068(X5)	230 x 6,8 x 22	5

TCK

Corundum disc for cutting stone



Blister		
TCK-11530(X5)	115 x 3,0 x 22	5
TCK-12530(X5)	125 x 3,0 x 22	5
TCK-18030(X5)	180 x 3,0 x 22	5
TCK-23030(X5)	230 x 3,0 x 22	5

TSL

Corundum disc for cutting steel



Blister		
TSL-125040(X5)	125 x 22/40	5
TSL-125060(X5)	125 x 22/60	5
TSL-125080(X5)	125 x 22/80	5
TSL-125100(X5)	125 x 22/100	5
TSL-125120(X5)	125 x 22/120	5

TCSI

Corundum disc for cutting stainless steel



Blister		
TCSI-11510(X10)	115 x 1,0 x 22	10
TCSI-11516(X10)	115 x 1,6 x 22	10
TCSI-12510(X10)	125 x 1,0 x 22	10
TCSI-12516(X10)	125 x 1,6 x 22	10
TCSI-23020(X10)	230 x 2,0 x 22	10

TCS

Corundum disc for cutting steel



Blister	Blister	
TCS-11510(X10)	115 x 1,0 x 22	10
TCS-11516(X10)	115 x 1,6 x 22	10
TCS-11525(X5)	115 x 2,5 x 22	5
TCS-11532(X5)	115 x 3,2 x 22	5
TCS-12510(X10)	125 x 1,0 x 22	10
TCS-12516(X10)	125 x 1,6 x 22	10
TCS-12525(X5)	125 x 2,5 x 22	5
TCS-12532(X5)	125 x 3,2 x 22	5
TCS-18015(X5)	180 x 1,5 x 22	5
TCS-18025(X5)	180 x 2,5 x 22	5
TCS-18032(X5)	180 x 3,2 x 22	5
TCS-23020(X5)	230 x 2,0 x 22	5
TCS-23032(X5)	230 x 3,2 x 22	5
TCS-30032(X5)	300 x 3,2 x 32	5
TCS-35035(X5)	350 x 3,5 x 32	5
TCS-40040(X5)	400 x 4,0 x 32	5

SD4

Sds plus drill bits



Blister	Length	Length	Box
SD4-04110	4,0 x 110	60	1
SD4-05110	5,0 x 110	60	1
SD4-06110	6,0 x 110	60	1
SD4-06160	6,0 x 160	110	1
SD4-06210	6,0 x 210	160	1
SD4-07160	7,0 x 160	110	1
SD4-08110	8,0 x 110	60	1
SD4-08160	8,0 x 160	110	1
SD4-08210	8,0 x 210	160	1
SD4-08260	8,0 x 260	210	1
SD4-08360	8,0 x 360	310	1
SD4-08410	8,0 x 410	360	1
SD4-10110	10 x 110	60	1
SD4-10160	10 x 160	110	1
SD4-10210	10 x 210	160	1
SD4-10260	10 x 260	210	1
SD4-10310	10 x 310	260	1
SD4-10410	10 x 410	360	1
SD4-10610	10 x 610	560	1
SD4-12160	12 x 160	110	1
SD4-12210	12 x 210	160	1
SD4-12260	12 x 260	210	1
SD4-12310	12 x 310	260	1
SD4-12410	12 x 410	360	1
SD4-12610	12 x 610	560	1
SD4-14160	14 x 160	110	1
SD4-14210	14 x 210	160	1
SD4-14260	14 x 260	210	1
SD4-14310	14 x 310	260	1
SD4-14410	14 x 410	360	1
SD4-14610	14 x 610	560	1
SD4-16160	16 x 160	110	1
SD4-16210	16 x 210	160	1
SD4-16260	16 x 260	210	1
SD4-16310	16 x 310	260	1
SD4-16410	16 x 410	360	1
SD4-16610	16 x 610	560	1

SD4W

Sds plus cross drill bits



Blister	Length	Length	Box
SD4W-055260	5,5 x 260	210	1
SD4W-055310	5,5 x 310	260	1
SD4W-06110	6,0 x 110	60	1
SD4W-06160	6,0 x 160	110	1
SD4W-06210	6,0 x 210	160	1
SD4W-08160	8,0 x 160	110	1
SD4W-08210	8,0 x 210	160	1
SD4W-08260	8,0 x 260	210	1
SD4W-10160	10 x 160	110	1
SD4W-10210	10 x 210	160	1
SD4W-10260	10 x 260	210	1
SD4W-10310	10 x 310	260	1
SD4W-12160	12 x 160	110	1
SD4W-12210	12 x 210	160	1
SD4W-12260	12 x 260	210	1
SD4W-14210	14 x 210	160	1
SD4W-14260	14 x 260	210	1
SD4W-14310	14 x 310	260	1

H-A

Drill bit for concrete type sds - 5 mm



Blister	Length	Length	Box
H-A782404	5,0 x 110	60	1
H-A782406	5,0 x 160	110	1
H-A782407	5,0 x 210	160	1
H-A782408	5,0 x 260	210	1
H-A782409	5,0 x 310	260	1
H-A782400	5,0 x 465	400	1

DWS-500

Extension sds for conical drill with wedge for removal



Blister	Length	Box
DWS-500	500 mm	1

WSDP

Conical drill for concrete - 5.0 mm



Blister	Length	Box
WSDP-05100	5,0 x 100	1

CL

Cylindrical concrete drill bits



Blister	Length	Length	Box
CL-030000	3,0	60	1
CL-040000	4,0	75	1
CL-050000	5,0	85	1
CL-050015	5,0	150	1
CL-060000	6,0	100	1
CL-060015	6,0	150	1
CL-060020	6,0	200	1
CL-060030	6,0	300	1
CL-070000	7,0	100	1
CL-080000	8,0	120	1
CL-080015	8,0	150	1
CL-080020	8,0	200	1
CL-080030	8,0	300	1
CL-100000	10	120	1
CL-100015	10	150	1
CL-100020	10	200	1
CL-100030	10	300	1
CL-120000	12	150	1
CL-120020	12	200	1
CL-120030	12	300	1
CL-140000	14	150	1
CL-140020	14	200	1
CL-140030	14	300	1
CL-160000	16	150	1
CL-160020	16	200	1
CL-160030	16	300	1

STCL

Cylindrical concrete drill bit sets



Blister	Length	Length	Box
STCL-05	4-5-6-9-10	1	2240
STCL-08	3-4-5-6-7-8-9-10	1	950

NWKA DIN338

Hss metal drill bits



 Blister	Ø		
NWKA-0100	1,00	12	10
NWKA-0150	1,50	18	10
NWKA-0200	2,00	24	10
NWKA-0220	2,20	27	10
NWKA-0230	2,30	27	10
NWKA-0250	2,50	30	10
NWKA-0280	2,80	33	10
NWKA-0300	3,00	33	10
NWKA-0320	3,20	36	10
NWKA-0330	3,30	36	10
NWKA-0350	3,50	39	10
NWKA-0380	3,80	43	10
NWKA-0400	4,00	43	10
NWKA-0410	4,10	43	10
NWKA-0420	4,20	47	10
NWKA-0480	4,80	52	10
NWKA-0490	4,90	52	10
NWKA-0500	5,00	52	10
NWKA-0510	5,10	52	10
NWKA-0520	5,20	52	10
NWKA-0550	5,50	57	10
NWKA-0600	6,00	57	10
NWKA-0610	6,10	63	10
NWKA-0620	6,20	63	10
NWKA-0650	6,50	63	10
NWKA-0820	8,20	75	10
NWKA-0850	8,50	75	10
NWKA-0900	9,00	81	10
NWKA-0950	9,50	81	10
NWKA-1000	10,00	87	10
NWKA-1020	10,20	87	10
NWKA-1050	10,50	87	10
NWKA-1100	11,00	94	10
NWKA-1150	11,50	94	10
NWKA-1250	12,50	101	5
NWKA-1300	13,00	101	5
NWKA-1400	14,00	108	5
NWKA-1500	15,00	114	5
NWKA-1600	16,00	120	5

NWKB DIN338

Hss metal drill bits



 Blister	Ø		
NWKB-0300	3,00	66	10
NWKB-0400	4,00	78	10
NWKB-0420	4,20	78	10
NWKB-0450	4,50	82	10
NWKB-0500	5,00	87	10
NWKB-0600	6,00	91	10
NWKB-0650	6,50	97	10
NWKB-0800	8,00	109	10
NWKB-1000	10,00	121	10

SWKA

Hss metal drill bits (fully ground)



 Blister	Ø		
SWKA-0100	1,00	12	10
SWKA-0150	1,50	18	10
SWKA-0200	2,00	24	10
SWKA-0250	2,50	30	10
SWKA-0300	3,00	33	10
SWKA-0320	3,20	36	10
SWKA-0350	3,50	39	10
SWKA-0380	3,80	43	10
SWKA-0400	4,00	43	10
SWKA-0410	4,10	43	10
SWKA-0420	4,20	47	10
SWKA-0450	4,50	47	10
SWKA-0480	4,80	52	10
SWKA-0520	5,20	52	10
SWKA-0550	5,50	57	10
SWKA-0600	6,00	57	10
SWKA-0620	6,20	63	10
SWKA-0650	6,50	63	10
SWKA-0700	7,00	69	10
SWKA-0750	7,50	69	10
SWKA-0800	8,00	75	10
SWKA-0850	8,50	75	10
SWKA-0900	9,00	81	10
SWKA-1000	10,00	87	5
SWKA-1050	10,50	87	5
SWKA-1100	11,00	94	5
SWKA-1200	12,00	101	5
SWKA-1300	13,00	101	5

SWKB

Hss din338 & din340 metal drill bits (fully ground)



 Blister	Ø		
SWKB-0300	3,00	66	10
SWKB-0400	4,00	78	10
SWKB-0450	4,50	82	10
SWKB-0500	5,00	87	10
SWKB-0550	5,50	91	10
SWKB-0600	6,00	91	10
SWKB-0650	6,50	97	5
SWKB-0700	7,00	102	5
SWKB-0800	8,00	109	5
SWKB-1000	10,00	121	5

WDS

Wood drill bit



 Blister	Ø	
WDS-03060	3,0 x 60	1
WDS-04075	4,0 x 75	1
WDS-05085	5,0 x 85	1
WDS-06090	6,0 x 90	1
WDS-07105	7,0 x 105	1
WDS-08115	8,0 x 115	1
WDS-09115	9,0 x 115	1
WDS-10120	10 x 120	1
WDS-11150	11 x 150	1
WDS-12150	12 x 150	1
WDS-13150	13 x 150	1
WDS-14150	14 x 150	1
WDS-15160	15 x 160	1
WDS-16160	16 x 160	1

STNWK

19/25-piece din 338 hss drill bit sets



	Ø	
STNWK-19	1,0-10 (19 wertel)	1
STNWK-25	1,0-13 (25 wertel)	1

PZ-S2

PZ screwdriver bits



Blister		
PZS2-01025	PZ1 / d1, 25	10
PZS2-02025	PZ2 / d1, 25	10
PZS2-03025	PZ3 / d1, 25	10

WM

SW-8 screwdriver bit



Blister		
WM-06050	SW 6 / 50	1
WM-08050	SW 8 / 50	1
WM-10050	SW 10 / 50	1
WM-13050	SW 13 / 50	1

PH-S2

PH type driver bits



Blister		
PH-S2-02110	PH-2 / 110	1
PH-S2-02160	PH-2 / 160	1
PH-S2-02250	PH-2 / 250	1
PH-S2-02350	PH-2 / 350	1

TX-S2

TX type driver bits



Blister		
TX-20S2-160	TX-20 / 160	1
TX-20S2-250	TX-20 / 250	1
TX-20S2-350	TX-20 / 350	1
TX-30S2-160	TX-30 / 160	1
TX-30S2-250	TX-30 / 250	1
TX-30S2-350	TX-30 / 350	1

STBIT-30

Bit set



+	1, 2, 3	+	1, 2, 3
—	3, 4, 5, 6	○	3, 4, 5, 6
★	10, 15, 20, 25, 27, 30, 40		
☆	10, 15, 20, 25, 27, 30, 40		

PH-S2

PH screwdriver bits



Blister		
PH-S2-01025	PH-1 / 25	10
PH-S2-01050	PH-1 / 50	10
PH-S2-02025	PH-2 / 25	10
PH-S2-02050	PH-2 / 50	10
PH-S2-03025	PH-3 / 25	10
PH-S2-03050	PH-3 / 50	10

TX-S2

TX screwdriver bits



Blister		
TX-10S2	TX-10 / 25	2
TX-15S2	TX-15 / 25	2
TX-20S2	TX-20 / 25	2
TX-25S2	TX-25 / 25	2
TX-30S2	TX-30 / 25	5
TX-40S2	TX-40 / 25	2
TX-40S2-50	TX-40 / 50	2
TX-50S2	TX-50 / 25	2

WMM

Bit with magnet for PH, TX drives



Carton box	
WMM-15065	1

TMSP

Self-adhesive painters' tape



Carton box			
TMSP-019025(X12)	19 mm x 25 mb	12	48
TMSP-019050(X12)	19 mm x 50 mb	12	48
TMSP-025025(X9)	25 mm x 25 mb	9	36
TMSP-025050(X9)	25 mm x 50 mb	9	36
TMSP-030025(X10)	30 mm x 25 mb	10	40
TMSP-030050(X10)	30 mm x 50 mb	10	40
TMSP-038025(X6)	38 mm x 25 mb	6	12
TMSP-038050(X6)	38 mm x 50 mb	6	12
TMSP-048025(X6)	48 mm x 25 mb	6	24
TMSP-048050(X6)	48 mm x 50 mb	6	24



TSTI

Self-adhesive insulation cloth tape - duct tape



Carton box		
TSTI-048005	48 x 5 yd	24
TSTI-048010	48 x 10 yd	24
TSTI-048025	48 x 25 yd	24
TSTI-048050	48 x 50 yd	24

TPTR

Packaging tape



Carton box			
TPTR-048035(X12)	48 mm x 35 mb	12	36

TPBR

Packaging tape



Carton box			
TPBR-048035(X12)	48 mm x 35 mb	12	36

TOBC

Warning tape



Carton box		
TOBC-080100	80 mm x 100 mb	15

TOZC

Warning tape



Carton box		
TOZC-080100	80 mm x 100 mb	15

FOMC, FOMS, FOMG

Protective plastic sheeting



FOMC-0405



FOMS-0405



FOMG-0405

Carton box		
FOMC-0405	4 m x 5 m	50
FOMS-0405	4 m x 5 m	25
FOMG-0405	4 m x 5 m	12

FIP

Certified foundation perimeter insulation (horizontal)



FIP-05050	0,50 m x 50 mb	0,50 m
FIP-02550	0,25 m x 50 mb	0,25 m
FIP-03750	0,365 m x 50 mb	0,365 m

FBC

Certified damp-proof membrane



FBC-0520	5 m x 20 mb	1,3 m
FBC-0520-30	5 m x 20 mb	1,3 m

FBZ

Vapour barrier foil



FBZ-0250	2 m x 50 mb	1,05 m
FBZ-0250-30	2 m x 50 mb	1,05 m

FOC

Protection plastic foil black, yellow



FOC-0425	4 m x 25 mb	1,05 m
FOC-0520	5 m x 20 mb	1,30 m

FOZ

Protection plastic foil black, yellow



FOZ-0250	2 m x 50 mb	1,05 m
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FIF

Certified foundation perimeter insulation (vertical)



FIF-10020	1,0 m x 20 mb	1,0 m
FIF-15020	1,5 m x 20 mb	1,5 m
FIF-20020	2,0 m x 20 mb	2,0 m

FOCC

Wkfol protective plastic foil black, yellow



FOCC-0425	4 m x 25 mb	1,05 m
FOCC-0520	5 m x 20 mb	1,30 m

FOZC

Wkfol protective plastic foil black, yellow



FOZC-0250	2 m x 50 mb	1,05 m
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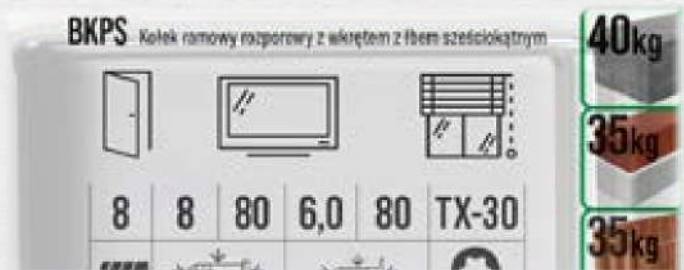
NEW PACKAGING BLISTER PACKS

EASY SELECTION OF PRODUCTS THANKS TO NEW IDENTIFICATION

LEGIBLE SPECIFICATION

color informing on what type of substrate the product should be used

BKPS



8X80

SIZE

THE SIZE OF THE PRODUCT IS VISIBLE IN THE UPPER LEFT CORNER OF THE PACKAGE

6 szt.

QUANTITY

SPECIFIED ON THE TOP RIGHT CORNER OF THE PACKAGE

SOLID SUBSTRATES

UNIVERSAL FIXINGS

UNIVERSAL FIXINGS

WOODEN SUBSTRATES

SANITARY FIXINGS

DRYWALL SUBSTRATES

DRYWALL SUBSTRATES

DRYWALL SUBSTRATES

STEEL SUBSTRATES

FRAME FIXINGS, UNIVERSAL FIXINGS, HAMMER DRIVE FIXINGS

BKPS

ø8 | 10

Frame plug with countersunk head screw

Blister		
BKPS-08080(X9)	6	9
BKPS-08100(X9)	5	9
BKPS-10100(X9)	4	9
BKPS-10115(X9)	3	9



BKPK

ø8 | 10

Frame plug with hex & TX head screw

Blister		
BKPK-08080(X9)	6	9
BKPK-08100(X9)	5	9
BKPK-10100(X9)	4	9
BKPK-10115(X9)	3	9



BKW

ø6 | 8 | 10

Multi-purpose plug with hardened wood screw, PZ-2/PZ-3

Blister		
BKW-06045(X10)	14	10
BKW-06060(X10)	12	10
BKW-08060(X10)	8	10
BKW-10080(X10)	4	10



BKMG

ø5 | 6 | 8 | 10

Hammer-in anchor for AAC substrates

Blister		
BKMG-05(X10)	10	10
BKMG-06(X10)	10	10
BKMG-08(X10)	7	10
BKMG-08-D(X10)	4	10
BKMG-10(X10)	4	10



BLO

ø10

Metal frame anchor

Blister		
BLO-10072(X9)	5	9
BLO-10092(X9)	5	9
BLO-10112(X9)	4	9



BRUO

ø6 | 8

Universal plug with hardened wood screw, PZ-2/PZ-3

Blister		
BRUO-06064(X10)	6	10
BRUO-08084(X10)	4	10



BRUC

ø6 | 8

Universal plug with round hook

Blister		
BRUC-06065(X10)	6	10
BRUC-08084(X10)	4	10



sfx



**RELIABLE AND SECURE
FASTENING**



**EASY AND FAST
INSTALLATION**

BSFXK

ø10

Universal plug ø10 with hex head screw

sfx

Blister		
BSFXK-10050060(X10)	4	10
BSFXK-10050070(X10)	4	10
BSFXK-10060070(X10)	4	10
BSFXK-10060080(X10)	4	10



BSFX

ø5 | 6 | 8 | 10

Universal plug

sfx

Blister		
BSFX-05025(X10)	35	10
BSFX-06030(X10)	35	10
BSFX-08040(X10)	14	10
BSFX-10050(X10)	10	10
BSFX-10060(X10)	10	10



BSFXL

ø6 | 8

Universal plug with straight hook

sfx

Blister		
BSFXL-06030048(X10)	6	10
BSFXL-08040065(X10)	4	10



BSFXP

ø5 | 6 | 8 | 10

Universal plug with PZ-2/PZ-3 countersunk head screw

sfx

Blister		
BSFXP-05025035(X10)	14	10
BSFXP-05025045(X10)	14	10
BSFXP-06030040(X10)	14	10
BSFXP-06030050(X10)	12	10
BSFXP-08040050(X10)	8	10
BSFXP-08040060(X10)	8	10
BSFXP-10050060(X10)	4	10
BSFXP-10050070(X10)	4	10
BSFXP-10060070(X10)	4	10
BSFXP-10060080(X10)	4	10



BSFXO

ø6 | 8

Universal plug with eye-bolt

sfx

Blister		
BSFXO-06030064(X10)	6	10
BSFXO-08040085(X10)	4	10



BRU

ø6 | 8 | 10

Universal plug with hardened wood screw, PZ-2/PZ-3

Blister		
BRU-06045(X10)	14	10
BRU-06060(X10)	12	10
BRU-08060(X10)	8	10
BRU-10080(X10)	4	10



BSFXC

ø6 | 8

Universal plug with round hook

sfx

Blister		
BSFXC-06030065(X10)	6	10
BSFXC-08040083(X10)	4	10



BRUL

ø6 | 8

Universal plug with straight hook

Blister		
BRUL-06048(X10)	6	10
BRUL-08065(X10)	4	10





BK

Ø10 | 12 | 14

Expansion plug with hex head screw



Blister

Blister		
BK-10060(X9)	8	9
BK-10080(X9)	7	9
BK-10100(X9)	6	9
BK-10120(X9)	5	9
BK-12060(X9)	5	9
BK-12080(X9)	4	9
BK-12100(X9)	3	9
BK-12120(X9)	3	9
BK-14100(X9)	2	9
BK-14120(X9)	2	9



BKP

Ø6 | 8 | 10 | 12 | 14

Universal plug



Blister

Blister		
BKP-06030(X20)	35	20
BKP-08040(X10)	22	10
BKP-08050(X10)	14	10
BKP-10050(X10)	14	10
BKP-10060(X10)	10	10
BKP-12060(X9)	10	9
BKP-12080(X9)	7	9
BKP-14080(X20)	6	20



BKR

Ø6 | 8 | 10

3-Way expansion plug with countersunk wood screw PZ-2/PZ-3



Blister

Blister		
BKR-063530(X10)	25	10
BKR-063535(X10)	22	10
BKR-063540(X10)	18	10
BKR-084045(X10)	14	10
BKR-084050(X10)	14	10
BKR-084060(X10)	12	10
BKR-085060(X10)	8	10
BKR-105060(X10)	7	10
BKR-105080(X10)	6	10
BKR-106060(X10)	5	10
BKR-106080(X10)	4	10



BKRW

Ø6

Hammer-in expanding metal anchor



Blister

Blister		
BKRW-06035(X10)	5	10
BKRW-06065(X10)	3	10



BODB

Ø8

Doorstop



Blister

Blister		
BODB-08060M	1	5
BODB-08060SZ	1	5
BODB-08060BR	1	5
BODB-08060CZ	1	5



BP

Ø6 | 8 | 10 | 12

Expansion plug straight hook



Blister

Blister		
BP-06(X10)	12	10
BP-08(X10)	9	10
BP-10(X10)	6	10
BP-100(X10)	5	10
BP-12(X10)	4	10
BP-120(X9)	2	9



BS

Ø6 | 8 | 10 | 12

Expansion plug with round hook



Blister

Blister		
BS-06(X10)	12	10
BS-08(X10)	7	10
BS-10(X10)	5	10
BS-12(X9)	3	9



BSM

ø5 | 6 | 8 | 10

Hammer drive fixing, PZ-2/PZ-3 - sleeve made from polyethylene

Blister

BSM-05040(X9)	22	9
BSM-06040(X9)	20	9
BSM-06060(X9)	14	9
BSM-06080(X9)	11	9
BSM-08050(X9)	12	9
BSM-08060(X9)	9	9
BSM-08080(X9)	7	9
BSM-08100(X9)	5	9
BSM-08120(X9)	5	9
BSM-10100(X9)	4	9
BSM-10120(X9)	3	9



BSMKC

ø5 | 6

Hammer drive fixing with cylindrical collar, PZ-2 - sleeve made from polyethylene

Blister

BSMKC-05035(X9)	25	9
BSMKC-06040(X9)	20	9
BSMKC-06060(X9)	14	9



BSMK

ø6 | 10

Hammer drive fixing with collar, PZ-2 - sleeve made from polyethylene

Blister

BSMK-06040(X9)	20	9
BSMK-06060(X9)	14	9
BSMK-06080(X9)	11	9



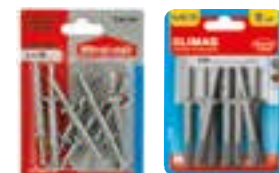
BSMM

ø6

Metal hammer drive anchor

Blister

BSMM-06040(X10)	10	10
BSMM-06050(X10)	8	10
BSMM-06065(X9)	6	9



INSTALLATION SYSTEMS AND SANITARY FIXINGS

BKMUX

ø12

Wash basin fixing kit

Blister

BKMUX-12100	2	20
BKMUX-12120	2	20



BKMMX

ø10

WC pan fixing kit

Blister

BKMMX-10080B	☐	2	20
BKMMX-10080S	☐	2	20
BKMMX-10080Z	☐	2	20



BKMPX

ø12 | 14

Urinal fixing kit

Blister

BKMPX-12120B	☐	2	20
BKMPX-12120S	☐	2	20
BKMPX-14140B	☐	2	20
BKMPX-14140S	☐	2	20



SCREWS FOR WOODEN CONSTRUCTIONS



BWK

Ø 3 | 3,5 | 4 | 4,5 | 5 | 6

Hardened countersunk head wood screw with partial/full thread



Blister



BWK-30012(X10)	65	10
BWK-30016(X10)	67	10
BWK-30020(X10)	60	10
BWK-30025(X10)	50	10
BWK-30030(X10)	45	10
BWK-30035(X10)	40	10
BWK-30040(X10)	35	10
BWK-35016(X10)	50	10
BWK-35020(X10)	45	10
BWK-35025(X10)	45	10
BWK-35030(X10)	35	10
BWK-35035(X10)	32	10
BWK-35040(X10)	30	10
BWK-35045(X10)	25	10
BWK-35050(X10)	22	10
BWK-40016(X10)	45	10
BWK-40020(X10)	40	10
BWK-40025(X10)	35	10
BWK-40030(X10)	32	10
BWK-40035(X10)	28	10
BWK-40040(X10)	24	10
BWK-40045(X10)	22	10
BWK-40050(X10)	20	10
BWK-40060(X10)	15	10
BWK-40070(X10)	14	10
BWK-45016(X10)	40	10
BWK-45020(X10)	36	10
BWK-45025(X10)	32	10
BWK-45030(X10)	28	10
BWK-45035(X10)	26	10
BWK-45040(X10)	22	10
BWK-45045(X10)	20	10
BWK-45050(X10)	17	10
BWK-45060(X10)	14	10
BWK-45070(X10)	12	10
BWK-45080(X10)	9	10
BWK-50025(X10)	22	10
BWK-50030(X10)	20	10
BWK-50035(X10)	18	10
BWK-50040(X10)	16	10
BWK-50045(X10)	15	10
BWK-50050(X10)	12	10
BWK-50060(X10)	11	10
BWK-50070(X10)	9	10
BWK-50080(X10)	7	10
BWK-60040(X10)	10	10
BWK-60050(X10)	9	10
BWK-60060(X10)	8	10
BWK-60070(X10)	6	10
BWK-60080(X10)	5	10



PHOSPHATED SCREWS



BGM

Ø 3,5 | 4,2 | 4,8

Drywall to steel screw



Blister



BGM-35025(X9)	100	9
BGM-35035(X9)	100	9
BGM-35045(X9)	50	9
BGM-35055(X9)	50	9
BGM-42070(X9)	50	9
BGM-42090(X9)	25	9
BGM-48100(X9)	15	9
BGM-48120(X9)	15	9



BSG

Ø 3,5

Drywall to steel self-drilling screw



Blister



BSG-35025(X9)	100	9
BSG-35035(X9)	50	9
BSG-35045(X9)	50	9



WOODEN SUBSTRATES

DRYWALL SUBSTRATES

BGD

Ø 3,5 | 4,2 | 4,8

Drywall to wood screw

Blister		
BGD-35025(X9)	100	9
BGD-35035(X9)	100	9
BGD-35045(X9)	50	9
BGD-35055(X9)	50	9
BGD-42070(X9)	50	9
BGD-42090(X9)	25	9
BGD-48100(X9)	15	9
BGD-48120(X9)	15	9



BMHS

Ø 4

"MOLLY" steel anchor with hook

Blister		
BMHS-04032(X10)	4	10



BMOL

Ø 4 | 5

"MOLLY" steel anchor

Blister		
BMOL-04025(X10)	6	10
BMOL-04038(X10)	6	10
BMOL-04045(X10)	5	10
BMOL-04052(X10)	5	10
BMOL-04065(X10)	4	10
BMOL-05045(X10)	4	10
BMOL-05058(X10)	4	10
BMOL-05071(X10)	3	10
BMOL-06045(X10)	3	10
BMOL-06058(X10)	3	10



BTEX

Ø 3,5

Tex self-drilling screw

Blister		
BTEX-35095(X9)	200	9
BTEX-35095-B(X9)	200	9



BMHP

Ø 4 | 5

"MOLLY" steel anchor with straight hook

Blister		
BMHP-04032(X10)	4	10
BMHP-05052(X10)	3	10



BM

Ø 4 | 5

Toggle anchor

Blister		
BM-04050(X10)	2	10
BM-04075(X10)	2	10
BM-05075(X10)	2	10
BM-05090(X9)	2	9



BMHO

Ø 4

"MOLLY" steel anchor with eye hook

Blister		
BMHO-04032(X10)	4	10



BMO

Ø 4 | 5

Toggle anchor with eye hook

Blister		
BM-04050-0(X10)	2	10
BM-04075-0(X10)	2	10
BM-05075-0(X9)	2	9
BM-05090-0(X9)	2	9





BMC

ø4 | 5

Toggle anchor with round hook



Blister

BM-04050-C(X10)	2	10
BM-04075-C(X9)	2	9
BM-05075-C(X9)	2	9
BM-05090-C(X9)	2	9



BGK

ø10

Plasterboard plugs with screws



Blister

BGK-10(X9)	7	9
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BDRZN-29

ø2,9

Plasterboard "DRIVA" ZN-AL plug



Blister

BDRZN-29(X10)	9	10
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BDRN-23

ø2,3

Plasterboard "DRIVA" plug



Blister

BDRN-23(X10)	20	10
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FASTENING SYSTEM FOR LIGHTWEIGHT ROOF AND WALL CLADDING



BWS

ø4,8 | 5,5

Self-drilling faster for fixing steel sheets in steel construction



Blister

BWS-48016(X10)	25	10
BWS-48019(X10)	24	10
BWS-48025(X10)	20	10
BWS-48032(X10)	19	10
BWS-55025(X10)	14	10
BWS-55032(X10)	13	10
BWS-55038(X10)	12	10
BWS-55045(X10)	11	10
BWS-55050(X10)	10	10



BWSPC

ø4,2

Flange head self-drilling faster



Blister

BWSPC-42013(X10)	35	10
BWSPC-42016(X10)	30	10
BWSPC-42019(X10)	28	10
BWSPC-42025(X10)	25	10
BWSPC-42032(X10)	22	10



BWPC

ø4,2

Flange head self-tapping faster



Blister

BWPC-42013(X10)	40	10
BWPC-42016(X10)	38	10
BWPC-42019(X10)	35	10
BWPC-42025(X10)	30	10
BWPC-42032(X10)	25	10
BWPC-42040(X10)	20	10
BWPC-42050(X10)	15	10
BWPC-42065(X10)	12	10



BWPF

ø4,2

Flange head self-tapping faster



Blister

BWPF-42013(X10)	40	10
BWPF-42016(X10)	38	10
BWPF-42019(X10)	35	10
BWPF-42025(X10)	30	10
BWPF-42032(X10)	25	10
BWPF-42040(X10)	20	10
BWPF-42050(X10)	15	10
BWPF-42065(X10)	12	10



NEW PACKAGING PRODUCT PACKED IN BAGS

EASY SELECTION OF PRODUCTS THANKS TO NEW IDENTIFICATION

LEGIBLE SPECIFICATION

color informing on what type of substrate the product should be used

BKPS



Kolek szybkiego montażu z kołnierzem

Zastosowanie:

6	6	60	3,9	65	PZ-2



SIZE

THE SIZE OF THE PRODUCT IS VISIBLE IN THE UPPER LEFT CORNER OF THE PACKAGE



QUANTITY

SPECIFIED ON THE TOP RIGHT CORNER OF THE PACKAGE

SOLID SUBSTRATES

UNIVERSAL FIXINGS

UNIVERSAL FIXINGS

WOODEN SUBSTRATES

SANITARY FIXINGS

DRYWALL SUBSTRATES

DRYWALL SUBSTRATES

DRYWALL SUBSTRATES

STEEL SUBSTRATES

sfx



RELIABLE AND SECURE FASTENING



EASY AND FAST INSTALLATION

W-SFXP

∅6

Universal plug with PZ-2/PZ-3 countersunk head screw

sfx

W-SFXP

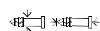
∅8 | 10

Universal plug with PZ-2/PZ-3 countersunk head screw

sfx

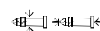


Bag



W-SFXP-06030040(400)	6,0 x 30	4,0 x 40	400
W-SFXP-06030040(200)	6,0 x 30	4,0 x 40	200

Bag



W-SFXP-08040050(100)	8,0 x 40	5,0 x 50	100
W-SFXP-10050060(100)	10,0 x 50	6,0 x 60	100
W-SFXP-10060070(100)	10,0 x 60	6,0 x 70	100

W-SFXP

∅8

Universal plug with PZ-2/PZ-3 countersunk head screw

sfx

W-SFXC

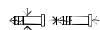
∅8

Universal plug with round hook

sfx

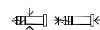


Bag



W-SFXP-08040050-CL	8,0 x 40 x 50	5,0 x 50	8
W-SFXP-08040060-CL	8,0 x 40 x 60	5,0 x 50	8

Bag



W-SFXC-08040083-CL	8,0 x 40 x 83	5,0 x 50	4
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W-KPR-FAST 10 K

Ø10

Frame plug with hex & TX head screw



W-KPR-FAST 12 K

Ø12

Frame plug with hex & TX head screw



Bag			
W-KPR-FAST-10080K	10 x 80	7,0 x 65	10
W-KPR-FAST-10100K	10 x 100	7,0 x 105	6

Bag			
W-KPR-FAST-12100K	12 x 100	8,0 x 105	8
W-KPR-FAST-12120K	12 x 120	8,0 x 125	6

W-KPR-PIKE-SK

Ø8

Frameplug with countersunk head screw PZ



W-KPR-PIKE-K

Ø8

Frame plug with hex head screw



Bag			
W-KPR-PIKE-08065SK	8,0 x 65	6,0 x 70	25
W-KPR-PIKE-08080SK	8,0 x 80	6,0 x 80	10

Bag			
W-KPR-PIKE-08065K	8,0 x 65	6,0 x 70	10
W-KPR-PIKE-08080K	8,0 x 80	6,0 x 80	8

W-RU

Ø6 | 8

Universal plug with hardened wood screw, PZ-2/PZ-3



W-KW

Ø6 | 8

Multi-purpose plug with hardened wood screw, PZ-2/PZ-3



Bag			
W-RU-06045	6,0 x 35	3,5 x 45	50
W-RU-08060	8,0 x 50	4,5 x 60	25

Bag			
W-KW-06045	6,0 x 35	3,5 x 45	80
W-KW-06060	6,0 x 50	3,5 x 60	40
W-KW-08060	8,0 x 50	4,5 x 60	25

SFXP MIX / SFXLCO MIX

Ø5 | 6 | 8

Universal plug with PZ-2/PZ-3 countersunk head screw
Universal plug with round hook / Universal plug with straight hook
Universal plug with eye-bolt



SMK MIX / KRX MIX

Ø6 | 8 | 10

Hammer drive fixing with collar, PZ-2 - sleeve made from polyethylene
3-Way expansion plug with countersunk wood screw PZ-2/PZ-3



Bag			
SFXP-MIX-01	5 x 25 / 6 x 30 / 8 x 40	3,5 x 35 / 3 x 40 / 5 x 50	16 / 8 / 4
SFXLCO-MIX-02	6 x 30 / 6 x 30 / 6 x 30	3,5 x 48 / 3,5 x 65 / 3,5 x 64	16 / 8 / 4

Bag			
SMK-MIX-01	6 x 40 / 6 x 60 / 6 x 90	3,9 x 45 / 3,9 x 65 / 3,9 x 25	16 / 8 / 4
KRX-MIX-01	6 x 30 / 8 x 40 / 10 x 50	3,5 x 35 / 4 x 45 / 5 x 60	16 / 8 / 4

UNIVERSAL FIXINGS

SOLID SUBSTRATES

W-KRX

Ø6 | 8 | 10

3-Way expansion plug with countersunk wood screw PZ-2/PZ-3



W-SM

Ø6 | 8 | 10

Hammer drive fixing, PZ-2/PZ-3 - sleeve made from polyethylene



Bag



W-KRX-063535	6,0 x 30	5,5 x 35	80
W-KRX-084045	8,0 x 40	4,0 x 45	50
W-KRX-085060	8,0 x 50	5,0 x 60	30
W-KRX-105060	10,0 x 50	5,0 x 60	25
W-KRX-085060(400)	8,0 x 50	5,0 x 60	400

W-KKX

Ø10 | 12

Expansion plug with hex head screw, SW-10, 13, 17, 19



Bag



W-KKX-10060	10 x 60	6,0 x 60	20
W-KKX-10080	10 x 80	6,0 x 80	16
W-KKX-12060	12 x 60	8,0 x 60	10
W-KKX-12080	12 x 80	8,0 x 80	8
W-KKX-12100	12 x 80	8,0 x 100	8

Bag



W-SM-06040	6,0 x 40	3,9 x 45	50
W-SM-06060	6,0 x 60	3,9 x 65	40
W-SM-06080	6,0 x 80	3,9 x 85	30
W-SM-08050	8,0 x 50	4,9 x 50	30
W-SM-08060	8,0 x 60	4,9 x 65	25
W-SM-08080	8,0 x 80	4,9 x 85	20
W-SM-08100	8,0 x 100	4,9 x 105	16
W-SM-10100	10,0 x 100	6,9 x 110	10
W-SM-06060-CL	6,0 x 60	3,9 x 65	14
W-SM-08050-CL	8,0 x 50	4,9 x 50	12
W-SM-06040(400)	6,0 x 40	3,9 x 45	400
W-SM-08100(60)	8,0 x 40	3,9 x 45	60
W-SM-06040(150)	6,0 x 40	3,9 x 45	150
W-SM-06060(150)	6,0 x 60	3,9 x 65	150
W-SM-06080(100)	6,0 x 80	3,9 x 85	100
W-SM-08050(100)	8,0 x 50	4,9 x 50	100
W-SM-08060(80)	8,0 x 60	4,9 x 65	80
W-SM-08080(80)	8,0 x 80	4,9 x 85	80
W-SM-08100(60)	8,0 x 100	4,9 x 105	80

W-SMK

Ø6

Hammer drive fixing with collar, PZ-2 - sleeve made from polyethylene



Bag			
W-SMK-06040	6,0 x 40	3,9 x 45	50
W-SMK-06060	6,0 x 60	3,9 x 65	40
W-SMK-06040-CL	6,0 x 40	3,9 x 45	20
W-SMK-06060-CL	6,0 x 60	3,9 x 65	20
W-SMK-06040(400)	6,0 x 40	3,9 x 45	400
W-SMK-06060(340)	6,0 x 60	3,9 x 65	340
W-SMK-06040(150)	6,0 x 40	3,9 x 45	150

W-PX

Ø8 | 10

Expansion plug straight hook



Bag			
W-PX-08	8,0 x 40	4,5 x 50	20
W-PX-10	10 x 50	5,5 x 60	15

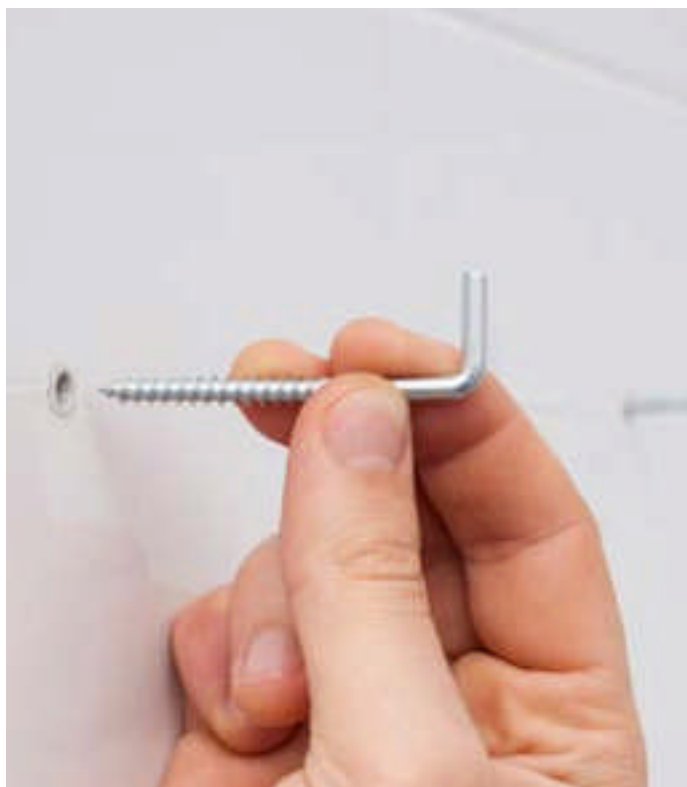
W-WX

Ø8

Expansion plug with round hook



Bag			
W-WX-08	8,0 x 40	4,5 x 65	20



W-DRN-23

Plasterboard "DRIVA" plug



Bag	10x50	30
W-DRN-23	23	20
W-DRN-23 + KMH35030	23; 3,5 x 30	20
W-DRN-23-KDR-HP(16)	23	16
W-DRN-23-KDR-HP(4)	23	4
W-DRN23-KDR-WHPS3530(20)	23	20
W-DRN23-KDR-WHPS3530(4)	23	4

W-GKW

ø10

Plasterboard plugs with screws



Bag	10x50	3,5 x 60	30
W-GKW	10 x 50	3,5 x 60	30

W-MOL

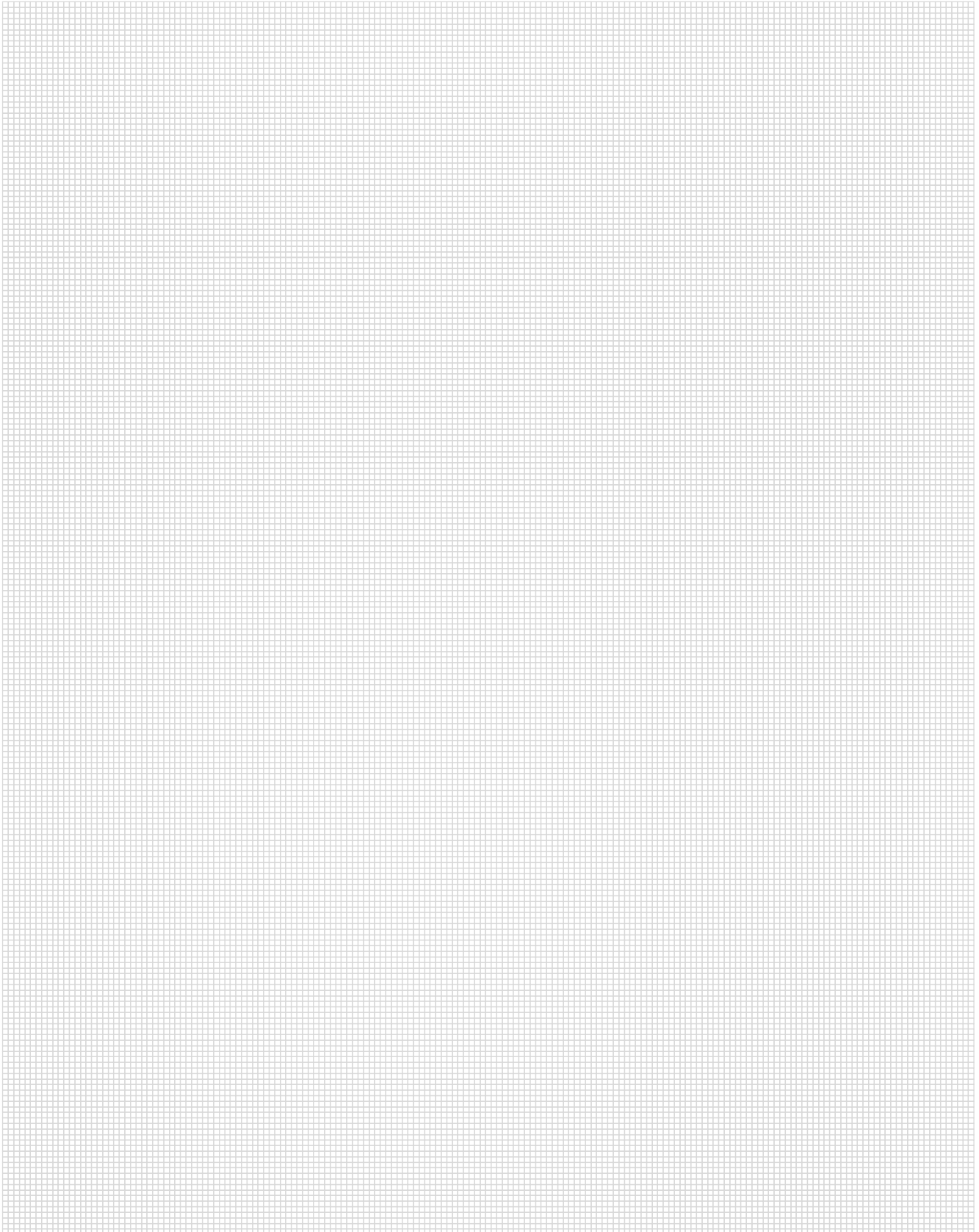
M4

"MOLLY" steel anchor



Bag	M4 x 33	50
W-MOL-04038	M4 x 33	50
W-MOL-04045	M4 x 45	50





KLIMAS

FASTENER TECHNOLOGIES



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