KOELNER

FASTENER AND FIXINGS 2023

DEAR CUSTOMERS

We are pleased to present you with a new catalogue of Koelner products. On its pages we present successively the product groups in our offer: bonded and mechanical anchors, light fixings, façade thermal insulation fixings, flat roof insulation fixings, self-drilling fixings, foams and sealants, screws, self-drilling screws, carpentry joints, as well as wire products, ropes, chains and accessories.

Such a comprehensive offer of fasteners used at every stage of construction allows us to enjoy the position of the undisputed leader in fastening techniques in this part of the world. For more than 30 years, Koelner products have gained the trust of construction professionals in Central, Eastern and Southern Europe. But Koelner is not only a proven product: from the very beginning, we have strived to accompany our partners in the challenges posed by subsequent construction prBoxects. Close cooperation with you is invaluable to us - it is precisely the exchange of experience and the common search for solutions that meet the needs of investors, engineers, constructors and contractors. It allow us to grow, expand our product range and present you with an even better offer.

Following the requirements of modernity, which undoubtedly include digitization and care for the natural environment, we encourage you to use our electronic catalogues, available on the website www.rawlplug.pl in the section **Catalogs to download**. Their content fully coincides with the paper versions of catalogues, and the ability to download them to any medium in the form of a PDF file and easy navigation and product search is their additional advantage.

Take a look at our offer!

BONDED AND MECHANICAL ANCHORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
KEM-PSF Universal bonded anchor	15		V	V	V	V	V	V	V							V	
KEM-VSF Vinylester styrene free resin	15		V	V													V
GUN Dispenser Gun	16		V	V	V	V	V	V	V								
R-STUDS Metric Threaded Rods	16		V	V	V	V	V	V	V							V	V
R-BRUSH Manual Wire Brushes	16		V	V	V	V	V	V	V								
R-NOZ Mixer Nozzles	17		V	V	V	V	V	V	V								
KT Mechanical sleeve anchor	17		V	V	V											V	
TM Brass expansion sleeve	17		V	V	V												
TMS-05 Internally threaded brass anchor with ceiling hook	18	V	V	V	V											V	
KTS Expansion Anchor with hook	18		V	V												V	

LIGHTWEIGHT FIXINGS

KD Frame fixing with long expansion zone - hex head	20				V	V	V	V	V							V	
KDS Frame fixing with long expansion zone - countersunk pOuteridrive	20				V	V	V	V	V							V	
K-RUR Gutter Down Pipe Fixing	21	V	V	V	V	V	V	V	V								
WHO Frame screws	21		V	V	V	V	V	V	V							V	
O Metal frame anchor	22		V	V	V											V	
KMW Metal hammer fixing	22		V		V											V	
KGS Metal plug	22				V	V	V	V	V								
SRS Ceiling fixing	23		V	V												V	
FX-K Hammer-in fixings with mushroom head	23		V	V	V	V	V	V	V								V
FX-C Hammer-in fixing with cylinder head	23		V	V	V	V	V	V	V								V
FX-L Hammer-in fixing with countersunk head	24		V	V	V	V	V	V	V								V
FIX Expansion plug	24		V	V	V			V	V							V	
FIX+ Expansion plug with screw	24		V	V	V			V	V							V	
FIX Expansion plug with hook	25		V	V	V			V	V							V	
FIX+HEX Universal expansion plug with screw	25		V	V	V			V	V							V	

LIGHTWEIGHT FIXINGS

KPM WC or Bidet Fixing Set	26		V	V	V	V	V	V	V								
LSB Stair-tread Fixing for Concrete	26		V	V	V	V	V	V	V								
DRA Self-drill fixing for drywall	26											V					
G/GL/GK Plastic Toggle	27											V	V		V		
GKT-A Acoustic tape	27											V					
GKT-S Fibreglass joint tape	27											V					
GKT-P Self-adhesive joint tape	27											V					

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LIGHTWEIGHT FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
Z-WOBR Rotary channel hanger with nonius	28																
Z-ES Universal direct bracket	28																
Z-LPJ Flush transverse connector	28																
Z-N-G Nonius hanger	28																
Z-N-KLM Nonius hanger clamp	29																
Z-N-WT Nonius thermatex hanger	29																
Z-N-WOBR Rotary channel hanger with nonius	29																
Z-UE Direct hanger	29																
Z-WD Double spring securing clip	29																
Z-WKP Direct connector	30																
SZNP Set embedding frames	30																
Z-WK Hanger	30																
Z-WT Direct flexible hanger	30																
Z-WKB Flat Spring Hanger	30																
Z-WP Universal anchor hanger	31																
Z-L-O/Z-L-H Wire with eye/ hook	31																
Z-LKRZ The cross connector	31																
Z-LW Connector longitudinal	31																
Z-KSP Hammer-in Anchor	32		V	V													
Z-KDP Angles	32																

FACADE THERMOINSULATION FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
KI-10N Long expansion zone facade fixing with metal pin	34				V	V	V	V	V							V	V
KI-10M Facade fixing with metal pin	35		V		V	V	V	V	V							V	V
KI-10 Facade fixing with plastic pin	35		V		V	V	V	V	V								V
KC Insulation washer	36									V	V					V	
KWL Insulation retaining plate	36		V		V	V	V	V	V	V	V					V	V
KCX Tubed insulation washer	36		V		V	V	V	V	V	V	V					V	V
KFS Counterbore cutter	37													V			
KES Thermoinsulation	37													V			
SIATKA-B Glass fibre mesh	37																V
PD Spacer disc	37																
HR Scaffolding hook	38		V	V	V	V	V										
HRK Scaffolding plug	38		V	V	V	V	V										
KRK Expansion Plugs	38		V	V	V												

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FACADE THERMOINSULATION FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
NKRK Expansion Plugs	38			V	V	V	V		V								
KWB Post-installed Cavity Wall Fixings	39		V	V	V	V	V	V	V								
KWK Cavity Wall Screw Fixings	39										V				V		
KMV Cavity Wall Ties	39				V	V	V	V	V								
MULTI Cavity Wall Ties	39				V	V	V	V	V								
KL Cavity Wall Ties	40				V	V	V	V	V								
ISO-CLIP Cavity Wall Insulation Flange	40																
PW Joint Vent	40																

ROOFING INSULATION FIXINGS

K08L Expansion plug	42		V	V	V	V	V										
FOIL-PE Polyethylene foil	42																

FOAMS AND SEALANTS

RPP-45-K Polyurethane Gun Foam All Season	44		V		V	V	V	V	V	V	V		V			V	
RPS-K Polyurethane Gun Foam All Season	44		V		V	V	V	V	V	V	V		V			V	
RPP-FIX-K Polyurethane Adhesive	45		V		V	V	V	V	V	V	V		V		V	V	
K-SL-MA Acrylic	45		V	V	V				V		V				V		
K-SL-UNI Universal Silicone	46									V	V						
K-SL-SAN Sanitary Silicone	46									V	V						

SCREWS

TS Wood screw with countersunk head	50									V							
CS Wood screw with washer head	51									V							
FS/FSK Drywall screws for sheet metal	51									V							
FT/FTK Drywall screws for timber	52										V						
WS Self-drilling drywall screws	52									V							
WF Wafer head screws	53									V	V		V				
WFS Wafer head self-drilling screws	53									V			V				
UC/UCK Chipboard screws	54										V				V		
PZ Bits	55																
571 Coach screws	55										V				V		
WD Timber stud screws	56										V						

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SELF-DRILLING SCREWS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
OC Self-drilling screws	58									V						V	V
OCS Stainless steel self-drilling screws	59									V							V
OCW Self-drilling screws	59									V						V	V

SELF-DRILLING SCREWS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
OCWS Stainless steel self-drilling screws	60									V							V
ODX Self-drilling screws for timber	60									V	V						V
MN Bit holder with 2 magnets	60																V
OD Self-drilling screws for timber	61									V	V					V	V
ODWS Stainless steel self-drilling screws for timber	61									V	V						V
ON Self-drilling screw	62									V						V	V
ONP Self-drilling screws	62									V						V	V
ONS Stainless steel self-drilling screws	63									V							V
OC-55/63Self-drilling screws for composite panels max 6mm	63																V
ON-55/63 Self-drilling screws for composite	64																V
ONS-55/63 Stainless steel self-drilling screws for composite panels max 12mm	64																V
PEA EPDM Aluminium Bonded washers for self-drilling screws	64									V							
PET/PES EPDM Steel Bonded washers for self-drilling screws	65									V							
MN Magnetic sockets with 1/4" drive hexagon M8	65																
USZ-TAS Self-adhesive polyurethane sealing insulation tapes	66									V							
ALF Closed-end waterproof aluminium blind rivets	66									V							

WOOD CONNECTORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
D-KB Unequal length angle bracket	68										V						V
D-KF Perforated equal length angle bracket	68										V				V		V
D-KN L-Shaped strap ties	68										V				V		
D-MI Equal length angle bracket - light	69										V				V		V
D-MK Equal length angle bracket - heavy	69										V				V		V
D-KP Perforated equal length angle bracket	69										V				V		V
D-MS Equal length angle bracket - wide type	70										V				V		
D-ZKR Adjustable angle bracket	70										V				V		V
D-ZK Equal length angle bracket	70										V				V		V
D-ZK-WZ Reinforced equal length angle bracket	71										V				V		V
D-ZK-WZ Reinforced unequal length angle bracket	71										V				V		V
D-ZN Unequal length angle bracket	71										V				V		V

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WOOD CONNECTORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
D-ZU Universal angle bracket	72										V				V		V
D-BP Coiled strapping	72										V						V
D-WB Joist hanger	72										V						V
D-WC Joist hanger with concealed flanges	73		V								V						V
D-WD Two-piece joist hanger	73		V								V						V
D-T T-Shaped strap ties	73										V				V		
D-LP Strap ties	74										V				V		
D-LWG Strap ties	74										V				V		
D-PP Tie plate	74										V				V		
D-LA Perforated angle bracket	75		V								V				V		V
D-SP Universal rafter twist strap	75										V						V
D-SP-L Rafter twist strap - left	75										V						V
D-SP-P Rafter twist strap - right	76										V						V
D-ZS Equal length brackets 135°	76										V				V		
D-I Anchor nail	76										V				V		
D-Z Butt hinge	77									V	V				V		
D-ZD Construction hinge	77									V	V				V		
D-ZB Locking gate hinge	77									V	V				V		
D-ZA Locking hinge	77									V	V				V		
D-TD Hammer-in post base	78										V						V
D-TB Post base with baseplate	78		V								V						V
D-PD Roofing batten strut	78										V						
D-TG Post base with baseplate	78		V								V						V
D-TU U-Shaped post base	79		V								V						
D-TC Post base with embedment rebar	79		V	V							V						V
D-TCR Adjustable post base with embedment rebar	79		V	V							V						
D-TDR Adjustable hammer-in post base	80										V						
D-TSR Adjustable post support to be screwed with the foot	80		V								V						
D-TSG Adjustable threaded post support	80		V								V						
D-TL L-Shaped post base with rebar	80		V	V							V						
D-TA I-Shaped post base with embedment rebar	81		V	V							V						
D-KM Wood construction anchors	81		V														

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CHAINS AND ROPES ACCESSORIES WIRE PRODUCTS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
T-LO-LV Knotted Chain DIN 5686 „VICTOR"	83																
T-LG Welded Chain DIN 5685C	83																
T-LST Welded Chain DIN 5685A	83																
T-LH Welded Chain DIN 766	83																
T-LE Elastic Rope	84																
T-LZE Sailing Rope	84																
T-LP Plaited Polypropylene Rope	84																
T-LS-PVC Steel Rope PVC Coated	84																
T-LS Steel Rope Zinc Plated	85																
580 Forged eye bolt	85																
582 Forged eye nut	85																
T-LU Quick Link with Screw Lock	86																
T-LUS S-Shaped Chain Hook	86																
T-LUZ Quick Link without Screw Lock	86																
T-SNP Bolts with Eye and Nut	86																
T-416-HO Hook-eye tensioner	87																
T-416-HH Hook-hook tensioner	87																
T-416-OO Eye-eye tensioner	87																
T-H Spring hooks DIN689	87																
T-BL Single and double rope pulley with nylon sheave	88																
T-KA Thimble DIN 6899	88																
T-KARC Snap hook without screw lock	88																
T-KARD Snap hook with screw lock	89																
T-OOK Swivel	89																
T-ZLK Wire rope clip DIN 741	89																
T-SZEK Straight shackle	89																
T-GP Ring shank nail	90										V				V		
T-GB Construction nail	90										V				V		
T-GPA Roofing nail DIN 1160A	91										V				V		
T-GPA Roofing nail DIN 1160A	91										V				V		
GPAP Roofing nail washer	91										V		V		V		
T-GSK Staple	91										V				V		
T-GS Spiral shank nail	92										V				V		
T-GST Carpentry Nail	92										V				V		
I-6334 Rod connector DIN 6334	93																
Threaded rod DIN 975	93																

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RETAIL OFFER

BLISTERS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
KD Frame fixing with long expansion zone - hex head	95					V	V	V	V							V	
KDS Frame fixing with long expansion zone - countersunk poziridrive	95					V	V	V	V							V	
KD Frame fixing with angle hook	95																
KPM WC or Bidet Fixing Set with uniwersal plug white	95		V	V	V	V	V	V	V								
UNIXIF Universal plug	95		V	V	V	V	V								V		
UNIFIX Universal plug with a screw	95		V	V	V	V	V								V		
UNIFIX Universal plug MIX	96		V	V	V	V	V								V		
ISO PLUG Insulation fixings	96																
FIX Expansion Plug	96		V	V	V			V	V							V	
FIX+ Expansion Plug with Screw	96		V	V	V			V	V							V	
FIX+ Expansion plug with screw + DRILL	97		V	V	V			V	V							V	
FIX+ Expansion Plug with Angle Hook	97		V	V	V			V	V							V	
FIX Expansion Plug with Pig Tail Hook	97		V	V	V			V	V							V	
FIX+ Expansion Plug with Round Hook	97		V	V	V				V							V	
FIX+HEX Expansion Plug with Hex Head Screw	97		V	V	V			V	V							V	
KPM WC or Bidet Fixing Set white/silver	98		V	V	V												
KPU Washbasin Fixing Set white/silver	98		V	V	V	V	V	V	V								
FIX-K+ Expansion Plug with Collar and Screw	98		V	V	V			V	V							V	
FIX-K- Expansion Plug with Collar and Angle Hook	98		V	V	V			V	V							V	
FIX+ Expansion Plug with Round Hook	98		V	V	V			V	V							V	
FIX+HEX Expansion Plug with Hex Head Screw	99		V	V	V			V	V								
FX-C Hammer-in fixing with cylinder head	99		V	V	V	V	V	V	V								V
FX-L Hammer-in fixing with countersunk head	99		V	V	V	V	V	V	V								V
FX-K Hammer-in fixing with mushroom head	99		V	V	V	V	V	V	V								V
KKS Frame fixing with short expansion zone - countersunk pOuteridrive	100		V	V	V											V	
KKD Frame fixing with short expansion zone - hex head	100		V	V	V											V	
KMW Metal hammer fixing	100		V		V											V	
ST Expansion sleeve	100		V														
TM Brass sleeve	100		V	V	V												
KGS Lightweight block anchor	100		V		V	V	V	V	V								
KTS The expansion anchor with a hook	101		V	V												V	
O Anchor for door frames	101		V	V	V											V	

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RETAIL OFFER

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
GL Plastic Toggle with Countersunk Screw	101											V	V		V		
GK Plastic Toggle with Angle Hook	101											V	V		V		
DRA Self-drill fixing for drywall	101											V					
DRA Self-drill fixing for drywall with a hook angle	102											V					
DRA Self-drill fixing for drywall	102											V					
DRA02 Metal self-drill fixing for drywall	102											V					
DRA02 Self-drill fixing for drywall with a hook angle	102											V					
DRA02 Self-drill fixing for drywall with a screw	102											V					
DRA03 Self-drill fixing for drywall	102								V			V					
FS Drywall screws for sheet metall	103									V							
FT Drywall screws for timber	103										V						
WS Self-drilling drywall screws	103									V							
GS Ceiling wedge anchor	103	V	V														
SPO Spring toggle	103											V					
SM Interset	104											V			V		
GK Plastic Toggle with Angle Hook	104										V				V		
GL Plastic Toggle with Countersunk Screw	105									V	V						V
DRA Self-drill fixing for drywall	105																
DRA Self-drill fixing for drywall with a hook angle	105										V				V		
DRA Self-drill fixing for drywall	105										V				V		
DRA02 Metal self-drill fixing for drywall	105										V				V		
DRA02 Self-drill fixing for drywall with a hook angle	106										V	V					
UC Hardened counterhead screws	106										V						
OD Self-drilling screws for timber	106																
HH Piggy tail hook	106																
HK Angle Hook	106																
HO Eyelet hook	107																
HS Ceiling hook	107																
WD Timber stud screw	107																
127 Spring washer	108																
1587 Cap nut	108																
315 Wing nut	108																
82202 Screw for metal with cylindrical head and cross cut	108																
934 Hexagon nut A2	108																
965 Screws for metal	109																
967 Screws for metal	109																
GWB Construction nails - galvanized	109																

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RETAIL OFFER

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GWS Carpentry nails	109																
GWS Carpentry nails - copper	109																
GWS Carpentry nails -galvanized	110																
GWT Upholstery nails	110																
ON Self-drilling screws	110																
OC Self-drilling screws	110																
NPO Extended nuts	110																
985 Self-locking nut	111																
WF Wafer head screws	111																
WFS Wafer head self-drilling screws	111																
PET EPDM Washers for self-drilling screws	111																
BAGS																	
K-S3-TUL Aluminium collet	113																
K-S3-ZAC1 Single saddle rope clamp	113																
K-S3-ZAC2 Double saddle rope clamp	113																
K-S3-KUB Rope clamp	114																
K-S3-KAR Snap hook	114																
K-S3-SPIN Chain clip with swivel	114																
K-S3-OKR Swivel	114																
K-S3-ZAB Toggle	115																
K-S3-OOK Swivel	115																
K-S3-BL Single rope pulley with nylon sheave	116																
K-S3-BL Double rope pulley with nylon sheave	116																
K-S3-KNN Snap hook with screw lock	116																
K-S3-KAU Thimble	116																
K-S3-KN Snap hook without screw lock	116																
K-S3-OS S-Shaped Chain Hook	117																
K-S3-OSKR Quick Link with Screw Lock	117																
K-S3-Outer Quick Link without Screw Lock	117																
K-S3-SZE Straight shackle	117																
K-S3-ZAC Wire rope clip	117																

PACKAGING

R-STUDS Metric Threaded Rods - 5.8 HEX	119		V	V	V	V	V	V	V						V	V
PLS Plastic Mesh Sleeves	119		V	V	V	V	V	V	V						V	
R-NOuter Mixer NOuterzles	119		V	V	V	V	V	V	V							
KT Mechanical sleeve anchor	119		V	V	V										V	
KD/KD-K KD Frame fixing with long expansion zone - hex head	119				V	V	V	V	V						V	
KDS Frame fixing with long expansion zone - countersunk pOuteridrive	120				V	V	V	V	V						V	

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	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
RETAIL OFFER																	
KKS Frame fixing with short expansion zone - countersunk pOuteridrive	120		V	V	V											V	
KKD Frame fixing with short expansion zone - hex head	120		V	V	V											V	
WHO Frame screws	120		V	V	V	V	V	V	V							V	
O Metal frame anchor	120		V	V	V											V	
HR Scaffolding hook	121		V	V	V	V	V										
HRK Scaffolding plug	121		V	V	V	V	V										
K-P3-HO Hook-eye tensioner	121																
K-P3-HH Hook-hook tensioner	121																
K-P3-OO-Eye-eye tensioner	122																
K-P3-H Lifting eye hook	122																
TRADE PACK																	
FX-L Hammer-in fixing with countersunk head	124		V	V	V	V	V	V	V								V
FX-K Hammer-in fixing with mushroom head	124		V	V	V	V	V	V	V								V
FIX+ Expansion Plug with screw	124		V	V	V			V	V							V	
FIX+HEX Expansion Plug with Hex Head screw	124		V	V	V			V	V							V	
FIX-K- Expansion Plug with Collar and Angle Hook	124		V	V	V			V	V							V	
GL Plastic Toggle with Countersunk screw	125											V	V		V		
DRA Self-drill fixing for drywall	125											V					
DRA Self-drill fixing for drywall with screw	125											V					
DRA02 Metal self-drill fixing for drywall	125											V					
DRA02 Self-drill fixing for drywall with sscrew	125											V					
SM Interset	125											V			V		
UNIFIX Universal plug with a screw	126		V	V	V	V	V					V					
TRANSPARENT PACKAGING																	
FX-K Hammer-in fixing with mushroom head	128		V	V	V	V	V	V	V								V
FX-L Hammer-in fixing with countersunk head	128		V	V	V	V	V	V	V								V
FIX+ Expansion Plug with screw	128		V	V	V			V	V							V	
FIX-Expansion Plug with Angle Hook	128		V	V	V			V	V							V	
FIX+HEX Expansion Plug with Hex Head Screw	129		V	V	V			V	V							V	
FIX Expansion Plug	129		V	V	V			V	V							V	
FT Drywall screws for timber	129										V						
FS Drywall screws for sheet metal	129									V							
WS Self-drilling drywall screws	130									V							
DRA Self-drill fixing for drywall	130											V					
DRA Self-drill fixing for drywall with screw	130											V					
UNIFIX Universal plug with screw	126																
CHAINS AND ROPES ACCESSORIES WIRE PRODUCTS																	
T-LS Steel ropes	132																
T-LS-PVC Steel Rope PVC Coated	132																
T-LP Plaited Polypropylene Rope	132																

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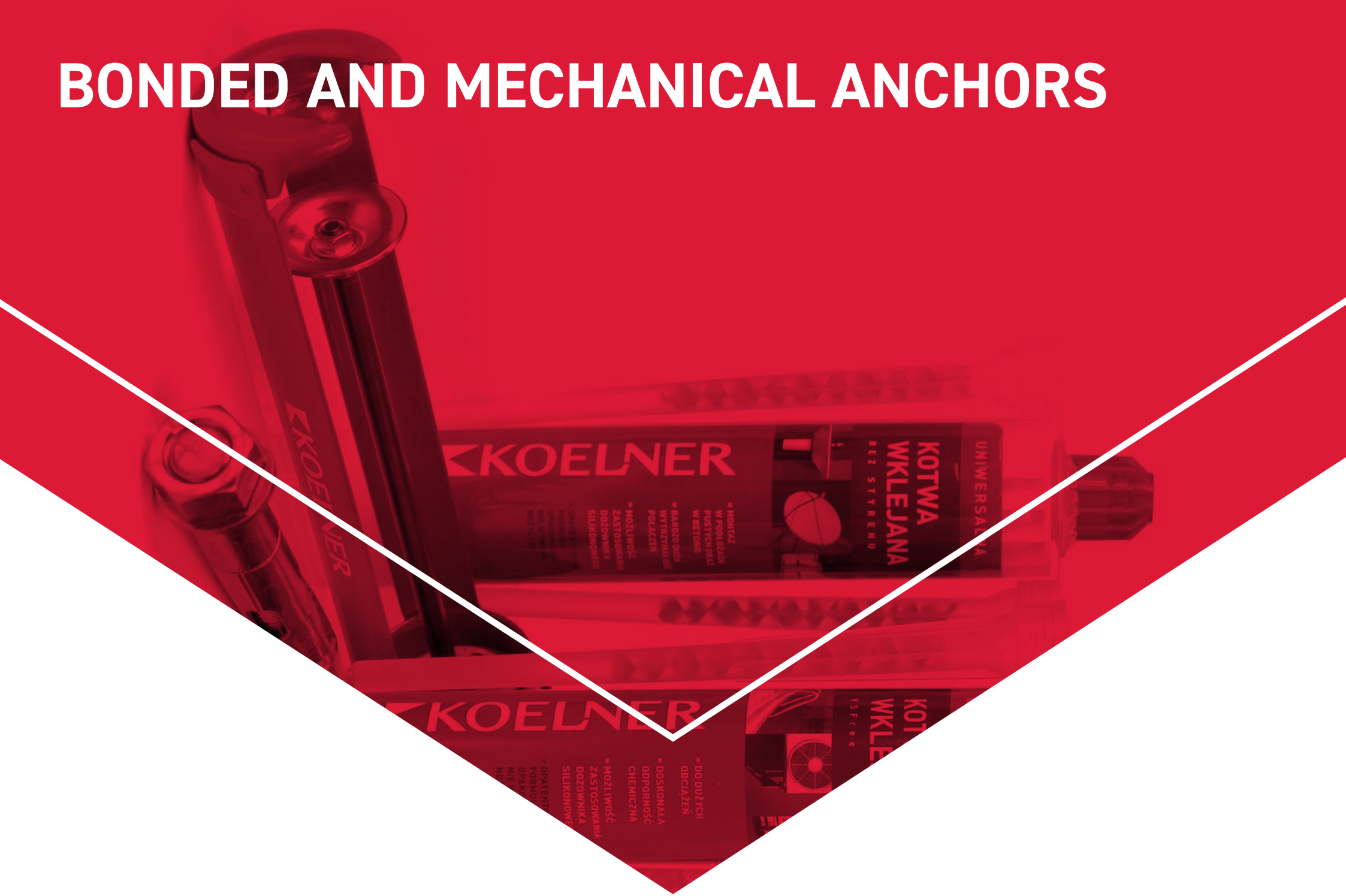
	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	OSB	ITB	ETA
T-LJ Jute ropes	132																
SZ-BL Clothesline	133																
SZ-D-SZ Natural linen thread, grey	133																
SZ-D-B Natural linen thread, white	133																
SZ-J Jute rope	133																
SZ-S Cotton string, white	133																
SZ-T Transparent, nylon twine	133																
SZ-M Mason twine	134																
SZ-W Cotton kitchen string	134																
T-LJ Jute ropes	134																
T-LZ-012 T-LZ-012 Groumette watch chain, 1,2 mm	134																
T-LK-032 T-LK-032 Beaded chain, 3,2 mm	134																
T-LL-013 Beaded chain, 1,3 mm, silver	135																
T-LP-060-BCZ Plastic chain	135																
RZEP-25 Velcro tape hooks, 25 mm	135																
TAS Webbing strap tape	135																

WEIGHT RANGE

571 Coach screws	137										V				V		
D-I Anchor nail	137										V						
UCK Chipboard screws	137										V			V			
ASTK-30 Rivet rip	138																
FSK Drywall screws for sheet metal	138									V							
FTK Drywall screws for timber	139										V						
GPAP Roofing nail washer	139																
125 Round washer	139																
127 Sprong washer	139																
9021 Enlarged washer	139																
603 Studded bolt	140																
931 Half thread screw	140																
933 Full thread hexagon head screw	141																
934 Hexagon nut	141																
985 Self-locking nut	141																
WFK Wafer head screws	142																
WFSK Wafer head self-drilling screws	142																
WSK Self-drilling drywall screws	142																
OCK/OCWK Self-drilling screws for fixing sheet metal type OC with a washer, Zink Flake	142																
ODK Self-drilling screws for timber	142																
PETK EPDM Steel Bonded washers for self-drilling screws	142																

BONDED AND MECHANICAL ANCHORS



KEM-PSF Universal bonded anchor

High quality universal styrene free resin, Suitable for use in: non-cracked concrete and wide range of solid or hollow masonry structures

Features and benefits

- Wide range of applications in the medium load range
- Ideal for applications where conventional expansion anchors are not appropriate
- Easy pumping thanks to patented self-opening system and manual or pneumatic dispensers
- Can be used with standard silicone dispenser
- Suitable for repetitive use. Partly used product can be reused fitting a new mixing nozzle
- Several embedment depths possible
- Available in standard, summer and winter version

Base materials

Approved for use in:

- Non-cracked concrete
- Solid Concrete Block
- Hollow-core Slab
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime rick
- Hollow Brick
- Vertically-perforated clay block
- Hollow Lightweight Concrete Block

Also Suitable for use in:

- Hollow Lightweight Concret Block

Applications

- Gates
- Window elements
- Canopies
- Sanitary appliances
- Railings
- Handrails
- Consoles
- Ladders
- Cable trays

Approvals and Reports

- KOT-2018/0677
- KOT-2018/0678

Index	Volume [ml]	Quantity		
		Box	Outer	Pallet
		pcs		
Standard version				
KEM-PSF-175-KOE	175	10	10	840
KEM-PSF-300-KOE	300	10	10	840
KEM-PSF-410-KOE	410	10	10	560
Winter version				
KEM-PSF-300-KOE-W	300	10	10	840

KEM-VSF Bonded anchor for high loads

Bonded anchor for high loads based on vinyl ester resin, styrene-free, for non-cracked concrete substrates

Features and benefits

- Easy installation and top performance
- High load-carrying capacity enables high performance
- Can be used in a wide temperature range from -20oC to +40oC
- Can be used in dry, wet and flooded substrates
- Rapid set-up time makes it possible to reduce working time
- Stable and secure setting of the mix in impact boreholes
- Does not induce stress in the substrate allowing anchoring in close spacing and close to the edges of the substrate
- Easy dosing thanks to the patented self-opening system and with manual or pneumatic dispensers
- Can be used with a standard manual dosing device for silicone
- Product available in year-round and winter versions
- Re-usable with an additional mixing nozzle
- Can be used in low temperatures (down to -20oC - winter version) for year-round use

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Applications

- Curtain walls
- Balustrades
- Railings
- Canopies
- Fences and gates
- Supports
- Cable trays
- Railings
- Sanitary equipment
- Joinery components
- Cable systems
- Platforms
- Passenger and goods hoists
- Piping systems
- Steel substructures

Approvals and Reports

- ETA-16/0796

Index	Volume [ml]	Quantity		
		Box	Outer	Pallet
		pcs		
KEM-VSF-300-KOE	300	10	10	840

GUN Dispenser Gun

Professional manual dispensing system for resin anchors in cartridges

K-GUN-300

R-GUN-380-P

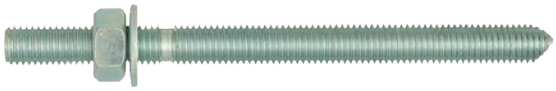
Applications

- Dispenser K-GUN-300
  Suitable for cartridges: 175ml, 300ml
- Dispenser R-GUN-380-P
  Suitable for cartridges: 410ml

Index	Quantity	
	Box	Outer
	pcs	
K-GUN-300	1	24
R-GUN-380-P	1	10

R-STUDS Metric Threaded Rods - 5.8 HEX

Threaded rod of carbon steel of grade 5.8 and stainless steel of grade not lower than 5.8 for use with screw-in anchors with flat or hexagonal head



Features and benefits

- Can be used in hollow substrates with the additional use of mesh
- Can be used in dowel joints or wall-to-foundation connections (Technical advisor recommended)
- Possibility of removing the bolt when internal threaded sleeve is used

Base materials

Approved for use in:

- Non-cracked concrete
- Solid brick

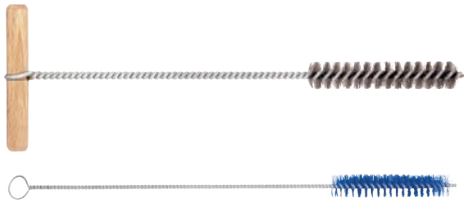
Applications

- For all kinds of fixing system using bonded anchors in concrete and masonry in solid and hollow substrates

Size	Index	Anchor		Quantity		
		Diameter	Length	Box	Outer	Pallet
		mm		pcs		
M8	R-STUDS-08110-FL	8	110	10	10	5040
	R-STUDS-08160-FL	8	160	10	10	2030
M10	R-STUDS-10130-FL	10	130	10	10	5040
	R-STUDS-10170-FL	10	170	10	10	3780
M12	R-STUDS-12160-FL	12	160	10	10	7200
	R-STUDS-12190-FL	12	190	10	120	4800
	R-STUDS-12220-FL	12	220	10	120	4560
	R-STUDS-12260-FL	12	260	10	10	1100
M16	R-STUDS-16190-FL	16	190	10	10	3840
	R-STUDS-16220-FL	16	220	10	10	1920
	R-STUDS-16260-FL	16	260	10	10	1920
M20	R-STUDS-20260-FL	20	260	6	6	1728
	R-STUDS-20300-FL	20	300	5	30	270
	R-STUDS-20350-FL	20	350	5	5	960
M24	R-STUDS-24300-FL	24	300	2	2	770
M30	R-STUDS-30380-FL	30	380	1	1	500

R-BRUSH Manual Wire and Plastic Brushes

Brush accessory for cleaning out holes prior to anchor installation



Features and benefits

- Ideal for cleaning dust from drilled holes prior to applying bonded anchors or installing mechanical anchors
- Hole cleaning is necessary for correct loads
- Several embedment depths possible
- Suitable for repetitive and frequent use.

Index	Drilling Diameter	Quantity		
		Box	Outer	Pallet
	mm	pcs		
Metal brush				
R-BRUSH-M08/M	M8	1	10	300
R-BRUSH-M10/M	M10	1	10	500
R-BRUSH-M12/M	M12	1	10	500
R-BRUSH-M16/M	M16	1	10	400
R-BRUSH-M20/M	M20	1	10	250
R-BRUSH-M24/M	M24	1	10	250
R-BRUSH-M30/M	M30	1	10	300

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R-NOZ Mixer Nozzles

Static mixer for bonded anchors in cartridges

Features and benefits

- Convenient extrusion and mixing of resin and hardener
- Available with or without hanger
- Ideal for serial applications: rebar or anchoring

Applications

- For all kinds of fixing system using bonded anchors in concrete and masonry in solid and hollow substrates

Index	Quantity		
	Box	Outer	Pallet
	pcs		
R-NOZ-10	10	200	4800

KT Mechanical sleeve anchor

Universal expansion anchor for low loads in uncracked concrete, for through-fastening

Features and benefits

- Low weight mechanical sleeve anchor
- Easy and fast installation
- Suitable for temporary fixings
- Product with approval

Base materials

Approved for use in:

- Reinforced concrete
- Unreinforced concrete

Also Suitable for use in:

- Natural stone

Applications

- Radiators
- Satellite dishes
- Signs
- Shutter
- Garage doors

Approvals and Reports

- KOT-2018/0161

Index	Anchor		Thread size	Fixture	Quantity		
	Diameter	Length		Maximum thickness	Box	Outer	Pallet
	mm				pcs		
KT-08040	8	46	M6	2	100	100	19200
KT-08065	8	71	M6	25	100	100	19200
KT-08085	8	92	M6	45	100	100	19200
KT-10040	10	49	M8	2	100	100	19200
KT-10050	10	58	M8	5	50	50	9600
KT-10080	10	83	M8	30	50	50	9600
KT-10100	10	102	M8	50	50	50	9600
KT-10125	10	133	M8	80	50	50	8000
KT-12060	12	69	M10	2	50	50	8000
KT-12075	12	83	M10	20	50	50	8000
KT-12100	12	107	M10	40	25	25	4800
KT-12130	12	125	M10	70	25	25	4800
KT-16110	16	118	M12	45	20	20	3200
KT-16150	16	155	M12	80	20	20	3200
KT-20110	20	115	M16	25	10	10	1920
KT-20150	20	176	M16	70	10	10	1440

TM Brass expansion sleeve

Expansion brass sleeve anchor for medium loads for applications with metric thread screws

Features and benefits

- The sleeve allows for multiple assembly of the component
- Special surface structure prevents rotation in the hole
- Installation in shallow holes allows a reduction in drilling depth
- The internal thread allows the element to be mounted using a standard metric screw or metric rod, which gives great installation flexibility.
- Possibility of distance installation

Base materials

Suitable for use in:

- Concrete
- Natural Stone
- Solid Brick

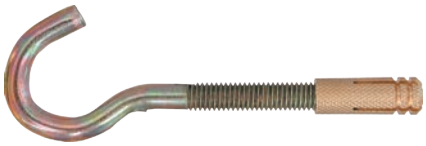
Applications

- Handrails
- Shelves
- Light shelving, brackets and hooks
- Curtain rails
- Bathroom fittings
- Control boxes

Index	Anchor		Quantity		
	Length	Hole diameter	Box	Outer	Pallet
	mm		pcs		
TM-05	20	7	100	3200	128000
TM-06	22	8	100	1600	64000
TM-08	30	10	100	800	32000
TM-10	32	12	100	800	32000
TM-12	38	15	50	400	16000
TM-16	45	20	25	200	8000

TMS-05 Brass expansion sleeve with hook

Expansion brass sleeve anchor with open hook



Features and benefits

- The sleeve allows for multiple assembly of the component
- Special surface structure prevents rotation in the hole
- Installation in shallow holes allows a reduction in drilling depth

Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural stone
- Solid brick

Applications

- Suspended ceilings
- Flower pots, lightweight non-structural elements

Approvals and Reports

- KOT-2018/0398
- KOT-2018/0356

Index	Anchor		Quantity		
	Length	Hole diameter	Box	Outer	Pallet
	mm		pcs		
TMS-05	20	7	100	1600	64000

KTS Expansion Anchor with hook

Expansion anchor with open hook

Base materials

Approved for use in:

- Reinforced concrete
- Unreinforced concrete

Also Suitable for use in:

- Natural stone
- Concrete

Approvals and Reports

- ITB-KOT-2019/1189

Index	Anchor		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
KTS-08050	8	40	50	600	14400

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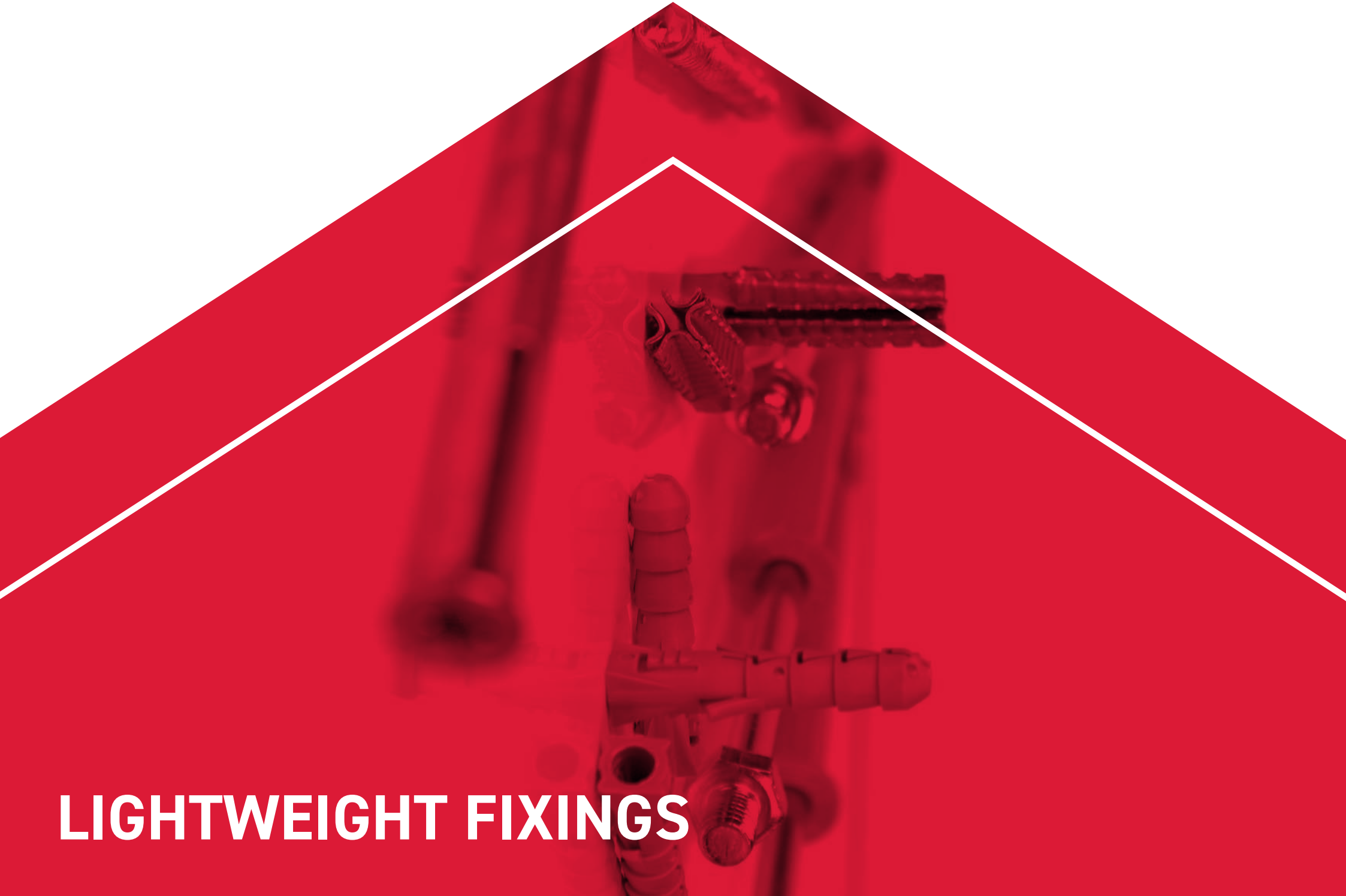

LIGHTWEIGHT FIXINGS

KD Frame fixing with long expansion zone - hex head

Frame fixing with long expansion zone, ideal, for anchoring in aerated concrete and hollow materials

Features and benefits

- Plug with the hexagonal screw allows stable mounting of hard materials (e.g. Steel)
- Durable, high quality PA6 grade nylon plug for extended fixing life
- Rigid nylon sleeve prevents frame distortion during tightening
- Zig-zag design ensures enhanced expansion

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete

Applications

- Door and window frames
- Wall cabinets
- Shelves
- Balustrading & handrails

Approvals and Reports

- KOT-2018/0160

Index	Plug		Adapter	Screw		Quantity		
	Diameter	Length		Diameter	Length	Box	Outer	Pallet
	mm					pcs		
With straight screw								
KD-10080	10	80	SW13	6,8	90	50	600	14400
KD-10100	10	100	SW13	6,8	110	25	400	9600
KD-10120	10	120	SW13	6,8	130	25	400	9600
KD-10140	10	140	SW13	6,8	150	25	300	7200
KD-10160	10	160	SW13	6,8	170	25	300	7200
KD-10200	10	200	SW13	6,8	210	25	200	4800
KD-10240	10	240	SW13	6,8	250	25	200	4800

KDS Frame fixing with long expansion zone - countersunk pozidrive

Frame fixing with long expansion zone ideal for anchoring in aerated concrete and hollow materials

Features and benefits

- Countersunk screw and plug allows perfect installation in soft materials (e.g. wood)
- Durable, high quality PA6 grade nylon plug for extended fixing life
- Tough nylon sleeve prevents frame distortion during tightening
- Zig-zag design ensures enhanced expansion
- Special design with anti-rotation lugs
- No marking out required - drill straight through the frame

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete

Applications

- Door and window frames
- Wall cabinets
- Shelves
- Balustrading & handrails

Approvals and Reports

- KOT-2018/0160

Index	Plug		Adapter	Screw		Quantity		
	Diameter	Length		Diameter	Length	Box	Outer	Pallet
	mm					pcs		
KDS-08100	8	100	PZ3	4,9	110	50	800	19200
KDS-08120	8	120	PZ3	4,9	130	50	800	19200
KDS-08140	8	140	PZ3	4,9	150	50	600	14400
KDS-10080	10	80	PZ4	6,8	90	50	600	14400
KDS-10100	10	100	PZ4	6,8	110	25	400	9600
KDS-10120	10	120	PZ4	6,8	130	25	400	9600
KDS-10140	10	140	PZ4	6,8	150	25	300	7200
KDS-10160	10	160	PZ4	6,8	170	25	300	7200
KDS-10200	10	200	PZ4	6,8	210	25	200	4800
KDS-10240	10	240	PZ4	6,8	250	25	200	4800

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K-RUR

Universal gutter down pipe fixing

Features and benefits

- Drill a hole of required diameter and depthfixing depth is reached
- With a hammer, lightly tap the plug through the fixture into hole until fixing depth is reached
- Insert screw of required diameter into plug and tighten
- Steadily drive in the screw with high revs until fixing is secure (when disc touches insulation surface)

Base materials

Certified for:

- Concrete C12/15-C50/60
- Solid brick
- Solid silicate brick
- Hollow silicate brick
- Hollow brick
- Hollow lightweight concrete blocks
- Aerated concrete

Applications

- Mocowanie rynien do betoniu i podłoży murowych w tym cegieł, pustaków i gazobetonu
- Koryta kablowe i przewody
- Bramy
- Bramy przemysłowe
- Anteny satelitarne
- Barierki
- Drzwi garażowe
- Fasady (montaż elementów konstrukcyjnych wykonanych z metalu lub drewna)

Approvals and Reports

- ETA-12/0398

Index	Plug		Screw			Size gwintu	Quantity		
	Diameter	Length	Diameter	Length	Head size		Box	Outer	Pallet
	mm						pcs		
K-RUR-10K100	9,8	100	7	109	SW13	M8x10 mm	25	25	3200
K-RUR-10K160	9,8	160	7	169	SW13	M8x10 mm	25	25	2400
K-RUR-10K200	9,8	200	7	209	SW13	M8x10 mm	25	25	2400
K-RUR-10K240	9,8	240	7	249	SW13	M8x10 mm	25	25	2400
K-RUR-10K300	9,8	300	7	309	SW13	M8x10 mm	10	10	1120

WHO Frame screw

Frame screw for mounting windows and doors made of hard materials (steel)

Features and benefits

- Flat head for easy installation into metal window and door frames
- No additional plugs required, making the WHO screw a user-friendly and time-efficient fixing solution
- Expansion-free fixing imposes less stress on substrate during installation
- Installation using the TX30 bit

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Solid Brick
- Hollow Brick
- Aerated Concrete Block
- Reinforced concrete
- Unreinforced concrete

Also Suitable for use in:

- Natural stone
- Hollow Lightweight Concrete Blocks
- Lightweight Concrete

Applications

- Door and window frames

Approvals and Reports

- KOT-2017/0169

Index	Screw		Fixture	Quantity		
	Screw diameter	Length	Maximum thickness	Box	Outer	Pallet
	mm			pcs		
WHO-75052	7,5	52	22	100	1600	38400
WHO-75072	7,5	72	42	100	1600	38400
WHO-75092	7,5	92	62	100	100	12800
WHO-75112	7,5	112	82	100	100	12800
WHO-75132	7,5	132	102	100	100	12800
WHO-75152	7,5	152	122	100	100	12800
WHO-75182	7,5	182	152	100	100	9600
WHO-75202	7,5	202	172	100	100	9600
WHO-75212	7,5	212	182	100	100	9600

O Metal frame anchor

Metal frame anchor for window and door installation

Features and benefits

- Metal sleeve design guards against distortion of the frame
- Anti-rotation lugs prevent rotation during tightening
- All-steel construction for strength and durability

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete

Also Suitable for use in:

- Natural stone

Applications

- Door and window frames

Approvals and Reports

- KOT-2018/0470

Index	Anchor		Fixture	Quantity		
	Diameter	Length	Maximum thickness	Box	Outer	Pallet
	mm			pcs		
O-10072	10	72	32	100	600	27000
O-10092	10	92	52	100	600	19200
O-10112	10	112	72	100	400	24000
O-10132	10	132	92	100	400	7300
O-10152	10	152	112	100	400	16000
O-10182	10	182	142	100	300	10800
O-10202	10	202	162	100	300	11500

KMW Metal hammer fixing

For fastening profiles and light steel constructions in solid substrates

Features and benefits

- Low-profile mushroom head provides a nice finish and tamper proof fastening
- Consistent load values ensure safe lightduty fastenings in concrete and masonry
- Installation with hammer, embedding tool not required
- Designed for simple through fastening

Base materials

Approved for use in:

- Cracked and Non-cracked concrete C20/25-C50/60
- Solid brick

Also Suitable for use in:

- Concrete Slab
- Concrete blocks

Applications

- Metal roof profiles
- Pipework installation
- Cable conduits and wires
- Cladding and panelling and installation of other external trim

Approvals and Reports

- KOT-2019/1042

Index	Anchor		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
KMW-05020	5	20	200	6400	70400
KMW-06030	6	30	100	1600	38400
KMW-06040	6	40	100	1600	51200
KMW-06050	6	50	100	1600	51200
KMW-06065	6	65	100	1200	28800

KGS Lightweight block anchor

Metal fixing for screw installation in lightweight substrates

Features and benefits

- Inner toothing provides reliable screwguidance and centering, outer teeth guarantees high pull-out loads
- The ribbed internal geometry suitable for screws makes it possible to guide the screw securely

Base materials

Suitable for use in:

- Aerated Concrete Block
- Lightweight Concrete Block
- Solid Sand-lime Brick

Applications

- Fixing light shelving, brackets and hooks
- Cable and pipe clamps

Index	Plug		Screw	Quantity		
	Drilling diameter	Length		Box	Outer	Pallet
	mm			pcs		
KGS-0632	6	32	32	200	3200	76800
KGS-0838	8	38	38	200	3200	76800
KGS-0860	8	60	60	100	1600	38400
KGS-1060	10	60	60	50	800	19200

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SRS Expansion anchor

Anchor for fixing lightweight construction elements

Features and benefits

- Eyelet band anchor
- Special conical shape provides adequate expansion of the anchor
- Anchor expansion occurs when the anchor is loaded

Base materials

Approved for use in:

- Non-cracked concrete C20/25
- Reinforced concrete
- Unreinforced concrete

Also Suitable for use in:

- Concrete Slab
- Natural Stone

Applications

- pipes/installations
- ducts
- cable trays

Approvals and Reports

- ITB-KOT-2019/1189

Index	Anchor		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
SRS-06063	6	63	100	2000	72000

FX-K Hammer-in fixing with Collar

The hammer fixing with flat head for fast, simple, cost-effective installations

Features and benefits

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation.
- Combination of PZ recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary.
- The extensive range of product lengths, diameters and head types ensures availability of the correct fixing for every scenario.
- Designed for push-through installation

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Also Suitable for use in:

- Natural sotone
- Ceramic brick

Applications

- Wooden or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

Approvals and Reports

- ETA-13/0088

Index	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
FX-06K040	6	40	200	2400	57600
FX-06K045	6	45	100	1600	38400
FX-06K060	6	60	100	1200	28800
FX-06K080	6	80	100	1200	28800

FX-C Hammer-in fixing with cylinder head

The hammer fixing with cylinder head for fast, simple, cost-effective installations

Features and benefits

- Cylinder head prevents plug slipping into over-sized holes and allows fix thin elements
- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation.
- Combination of PZ2 recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary.
- Wide range of products, length of diameters and types of tips ensures availability of correct fixing each installation
- Designed for push-through installation

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Also Suitable for use in:

- Natural stone

Applications

- Timber or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

Approvals and Reports

- ETA-13/0088

Index	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
FX-05C025	5	20	200	4800	115200
FX-05C030	5	30	200	4800	115200
FX-05C035	5	35	200	2400	19200
FX-05C040	5	40	200	4800	115200
FX-06C035	6	35	100	2400	57600
FX-06C040	6	40	100	1600	38400
FX-06C045	6	45	100	1600	38400
FX-06C060	6	60	100	1200	28800
FX-06C080	6	80	100	1200	28800
FX-08C045	8	45	100	1200	28800
FX-08C060	8	60	100	1200	28800
FX-08C080	8	80	50	600	14400
FX-08C100	8	100	50	600	14400
FX-08C120	8	120	50	600	14400
FX-08C140	8	140	50	600	14400
FX-08C160	8	160	50	600	14400

FX-L Hammer-in fixing with countersunk head

The hammer fixing with countersunk head for fast, simple, cost-effective installations

Features and benefits

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation.
- Combination of PZ2 recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary.
- The extensive range of product lengths and diameters with countersunk head type ensures availability of the correct fixing for every scenario
- Designed for push-through installation

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Also Suitable for use in:

- Natural sotone
- Ceramic brick

Applications

- Timber or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

Approvals and Reports

- ETA-13/0088

Index	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
FX-05L025	5	25	200	4800	115200
FX-05L030	5	30	200	4800	115200
FX-05L035	5	35	200	4800	115200
FX-05L040	5	40	200	3200	76800
FX-05L050	5	50	200	2400	57600
FX-06L035	6	35	200	2400	57600
FX-06L040	6	40	200	2400	57600
FX-06L050	6	50	100	1200	28800
FX-06L055	6	55	100	1200	28800
FX-06L060	6	60	100	1200	28800
FX-06L080	6	80	100	1200	28800
FX-08L045	8	45	100	1200	28800
FX-08L060	8	60	100	1200	28800
FX-08L080	8	80	50	600	14400
FX-08L100	8	100	50	600	14400
FX-08L120	8	120	50	600	14400
FX-08L140	8	140	50	600	14400
FX-08L160	8	160	50	600	14400

FIX Expansion plug

Easy-to-install nylon plug giving exceptional performance in solid base materials

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw.
- Engineered grip feature for extra holding power.
- Two-way expansion mechanism provides a strong anchorage in solid base materials

Base materials

Approved for use in:

- Concrete
- Solid silicate brick
- TeknoAmerblok blocks
- Solid ceramic bricks
- Aerated concrete block

Also Suitable for use in:

- Natural stone
- Lightweigth Concrete

Applications

- Pictures
- Lighting
- Skirting / Dado railing
- Shelves
- Trunking
- Cable trays
- Electrical fittings
- Letterboxes

Approvals and Reports

- ITB-KOT-2022/2086

Index	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
FIX-K-05	5	25	400	12800	307200
FIX-K-06	6	30	250	8000	192000
FIX-K-08	8	40	200	2400	57600
FIX-K-10	10	50	100	1200	28800
FIX-K-12	12	60	50	800	19200
FIX-K-14	14	70	25	600	14400

FIX+ Expansion plug with screw

Easy-to-install plug with screw giving exceptional performance in solid base materials

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw.
- Engineered grip feature for extra holding power.
- Two-way expansion mechanism provides a strong anchorage in solid base materials

Base materials

Approved for use in:

- Concrete
- Solid silicate brick
- TeknoAmerblok blocks
- Solid ceramic bricks
- Aerated concrete block

Also Suitable for use in:

- Natural stone
- Lightweigth Concrete

Applications

- Pictures
- Lighting
- Skirting / Dado railing
- Shelves
- Trunking
- Cable trays
- Electrical fittings
- Letterboxes

Approvals and Reports

- ITB-KOT-2022/2086

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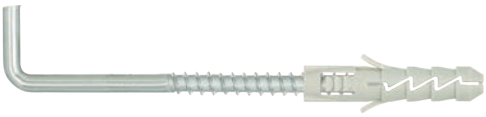
Index	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm				pcs		
FIX-06+	6	30	3,5	30	200	3200	76900
FIX-06+340	6	30	3,5	40	200	4800	115200
FIX-06+435	6	30	4	35	200	4800	115200
FIX-06+450	6	30	4	50	200	3200	76800
FIX-08+	8	40	5	45	200	2400	57600
FIX-08+450	8	40	45	50	200	2400	57600
FIX-08+460	8	40	45	60	200	2400	57600
FIX-08+550	8	40	5	50	200	2400	57600
FIX-08+560	8	40	5	60	100	1200	28800
FIX-10+560	10	50	5	60	100	1200	28800
FIX-10+660	10	50	6	60	100	1200	28800
FIX-10+680	10	50	6	80	50	800	19200

FIX expansion plug with hook

Easy-to-install plug with hook giving exceptional performance in solid base materials



FIX+K

FIX+S

FIX+H

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power
- Two-way expansion mechanism provides a strong anchorage in solid base materials

Base materials

Approved for use in:

- Concrete
- Solid silicate brick
- TeknoAmerblok blocks
- Solid ceramic bricks
- Aerated concrete block

Also Suitable for use in:

- Natural stone
- Lightweigth Concrete

Applications

- Pictures
- Lighting
- Shelves
- Letterboxes

Approvals and Reports

- ITB-KOT-2022/2086

Index	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm				pcs		
FIX+K Fix expansion plug with angle hook							
FIX-06K	6	30	4,5	35	200	3200	76800
FIX-08K	8	40	5	50	100	1600	38400
FIX-10K	10	50	6	55	100	1200	28800
FIX-12K	12	60	8	65	50	600	14400
FIX+S Fix expansion plug with round hook							
FIX-06S	6	30	4,5	50	200	3200	76800
FIX-08S	8	40	5	65	100	1600	38400
FIX-10S	10	50	6	85	50	800	19200
FIX+H Expansion plug with swing hook							
FIX-12H	12	60	8	130	25	300	7200

FIX+HEX Expansion plug with hexagonal head screw

Easy-to-install plug with hex head screw giving exceptional performance in solid base materials

Features and benefits

- Hexagonal screw for multiple applications
- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power
- Two-way expansion mechanism provides a strong anchorage in solid base materials

Base materials

Approved for use in:

- Concrete
- Solid silicate brick
- TeknoAmerblok blocks
- Solid ceramic bricks
- Aerated concrete block

Also Suitable for use in:

- Natural stone
- Lightweigth Concrete

Applications

- Pictures
- Lighting
- Skirting / Dado railing
- Shelves
- Trunking
- Cable trays
- Electrical fittings
- Letterboxes

Approvals and Reports

- ITB-KOT-2022/2086

Index	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm				pcs		
FIX-10/100	10	50	6.0	100	50	600	14400
FIX-10/660	10	50	6.0	60	100	1200	28800
FIX-10/680	10	50	6.0	80	50	600	14400
FIX-12/60	12	60	8.0	60	50	600	14400
FIX-12/80	12	60	8.0	80	50	600	14400
FIX-12/100	12	60	8.0	100	50	600	14400
FIX-12/120	12	60	8.0	120	50	600	14400
FIX-14/80	14	70	10	80	25	300	7200
FIX-14/100	14	70	10	100	25	300	7200
FIX-14/120	14	70	10	120	25	300	7200

KPM Sanitary fastening kit

Easy-to-install WC fixings giving exceptional performance in solid base materials

Features and benefits

- Complete fixing set allows quick and easy installation
- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power

Base materials

Suitable for use in:

- Hollow Brick
- Concrete
- Solid Brick
- Natural Stone
- Hollow Ligthweigt Concrete Block
- Areated Concrete

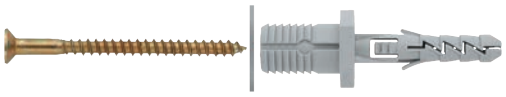
Applications

- WC installation

Index	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm				pcs		
KPM100	10	50	6	80	1	250	8000

LSB Stair-tread Fixing for Concrete

Stair-tread fixings for installation on concrete staircase stringers



Features and benefits

- The elastic shaft geometry allows for the absorbtion of vibrations, prevents creaking and increases comfort
- The plastic washer included with fixing can be used to level out any unevennes in the base material
- Engineered grip feature for extra holding power

Base materials

Suitable for use in:

- Hollow Brick
- Concrete
- Solid Brick
- Natural Stone
- Hollow Ligthweigt Concrete Block
- Areated Concrete

Applications

- Wooden step treads

Index	Plug			Quantity		
	Diameter	Length		Box	Outer	Pallet
	mm			pcs		
LSB	8	40	22	25	400	9600

DRA Self-drill fixing for drywall

Self-drilling light nylon fixing for use in plasterboard and gypsum fibreboards

DRA-01 - NYLON SELF-DRILL

DRA-02- METAL SELF-DRILL

DRA-03- METAL SELF-DRILL

Features and benefits

- Flange prevents accidental push through in plasterboard
- DRA-03 Recommended for fire resistant application

Base materials

Suitable for use in:

- Plasterboard
- Gypsum fibreboards

Applications

- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Shelves and bathroom accessories on standard plasterboard
- Ideal for installation of sockets, light switches and other electrical fittings
- Fixing light shelving, brackets and hooks
- Wooden or metal battens
- Pictures

Index	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm		mm		pcs		
DRA Self-drill fixing							
DRA-01	14	22	nd.	nd.	100	1600	38400
DRA-03	14	32	nd.	nd.	100	1600	38400
DRA-02	13	31	nd.	nd.	100	3200	76800
DRA Self-drill fixing with z screw							
DRA-01PLUS	14	22	3,9	32	100	1600	38400
DRA-03PLUS	14	32	4,2	32	100	1600	38400
DRA-02PLUS	13	31	4,2	32	100	1600	38400

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G/GL/GK Plastic Toggle

Plastic pin for light fastening in thin-walled panels

G GL GK

Features and benefits

- Medium duty plasterboard fixing
- Fixing body made of impact resistant co-polymer of polypropylene
- Fixtures can be removed and replaced for redecoration
- Available in combination with countersunk screw or angle hook

Base materials

Suitable for use in:

- Plasterboard
- Chipboard
- Oriented Strand Board
- Plywood

Applications

- Shelves and bathroom accessories on standard plasterboard
- Pictures
- Towel rails
- Light shelving
- Brackets, grips and hooks
- Lamps

Index	Screw			Quantity		
	Drilling diameter	Diameter Screwu	Min. substrate thickness	Box	Outer	Pallet
	mm			pcs		
G Plastic Toggle						
08G	8	3,5x35	12,5	100	1600	38400
10G	10	4,0x50	9,5	100	1200	28800
GL Plastic Toggle with Countersunk Screw						
08GL	8	3,5x45	12,5	100	1200	28800
10GL	10	4,0x50	9,5	50	800	19200
GK Plastic Toggle with Angle Hook						
08GK	8	3,5 x 40	12,5	100	1600	38400
10GK	10	4,0x65	9,5	50	800	19200

GKT-A Acoustic tape

PE foam used in the installation of acoustic walls, drywall, and UD and CD profiles

Features and benefits

- Good adhesion to the substrate
- The foam has a closed-cell structure, so that it does not absorb moisture and is not permeable, air and is resistant to aging
- PE foam have properties figures are, cushion and absorb vibration

Base materials

Suitable for use in:

- Plasterboard

Index	Thickness	Length	Quantity		
			Box	Outer	Pallet
	mm	m	pcs		
GKT-A30	3	30	12	12	144
GKT-A50	3	30	8	8	96
GKT-A70	3	30	5	5	60
GKT-A95	3	30	4	4	48

GKT-S Fibreglass joint tape

Fiberglass joint tape allows to connection gypsum boards and is ideally suited to the elimination of cracks in plasters

Features and benefits

- Good adhesion to the substrate.
- Adhesive tape allows direct sticking it to the wall
- Made of fiberglass, which is maintained or otherwise finishing plaster

Base materials

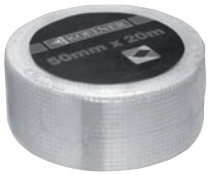
Suitable for use in:

- Plasterboard

Index	Length	Quantity		
		Box	Outer	Pallet
	m	pcs		
GKT-S25	25	48	48	1248

GKT-P Self-adhesive joint tape

Self-adhesive joint tape allows to connection gypsum boards and is ideally suited to the elimination of cracks in plasters



Features and benefits

- Good adhesion to the substrate
- Adhesive tape allows direct sticking it to the wall
- Made of mesh on which the plaster or other gypsum plaster is maintained

Base materials

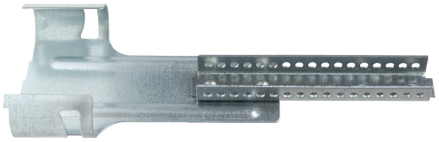
Suitable for use in:

- Plasterboard

Index	Width	Quantity		
		Box	Outer	Pallet
	mm	pcs		
GKT-P20	20	1	60	1728
GKT-P45	45	1	54	912
GKT-P90	90	1	24	576

Z-WOBR Rotary chanel hanger with single self-locking connector

Rotary chanel hanger with single self-locking connector



Features and benefits

- Used in combination with the suspension wire and the ceiling profile for the assembly of the suspended ceilings
- Purposed for fixing hanging gypsum plasterboard ceiling
- Used together with the stick of 125-1500mm length 0-4 mm with eye or hook

Applications

- Installation of suspended ceilings
- Installation of coffered ceilings

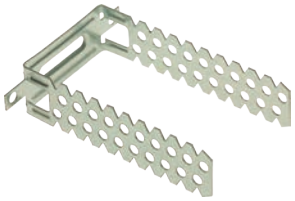
Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-WOBR	100	100	6300

Z-ES Universal direct bracket

Hanger for attaching suspended ceiling construction profiles



Features and benefits

- It is used for direct mounting to walls
- Element made of steel DX51D
- Coating Z100 up to Z275 g/mm2
- Fire resistance class A1
- Environmental conditions Class B

Applications

- Installation of suspended ceiling systems
- Wall and ceiling plasteboard framing

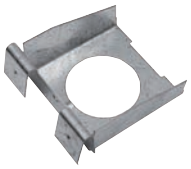
Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-ES-60/070-100	100	100	9600
Z-ES-60/120-100	100	100	2500
Z-ES-60/150	100	100	9600
Z-ES-60/175	100	100	9600
Z-ES-60/200	100	100	9600
Z-ES-60/225	100	100	9600

Z-LPJ Flush transverse connector

One side transverse connector for CD 60 steel sections



Features and benefits

- For connecting single or double suspended ceiling grids
- Made of zinc plated sheet steel

Applications

- Installation of suspended ceilings
- Installation of coffered ceilings

Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-LPJ	100	100	3600

Z-N-G Nonius hanger

Features and benefits

- Used in combination with the nonius hanger under part and 2 locking pins per set for the installation of ceiling profiles
- Adjustable height of suspension

Applications

- Installation of ceiling elements, such as ceiling lights
- Suspended ceiling

Approvals and Reports

- PN-EN 13964:2014

Index	Length	Box	Outer	Pallet
	mm	pcs	pcs	pcs
Z-N-G0200	200	100	100	8000
Z-N-G0300	300	100	100	30000
Z-N-G0400	400	50	50	7000
Z-N-G0500	500	100	100	9000
Z-N-G0600	600	50	50	2000
Z-N-G1000	1000	25	25	7500
Z-N-G2000	2000	25	25	2600
Z-N-G3000	3000	25	25	6000

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Z-N-KLM Nonius hanger clamp

Clamp for use in combination with nonius hangers (upper and lower part) for installation of ceiling profiles

Features and benefits

- Easy to install
- Removable element
- Secure fixing
- Material: galvanized steel

Applications

- Suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-N-KLM	100	100	30000

Z-N-WT Nonius thermatex hanger

Features and benefits

- Combines two-level profiles supporting structures of ceilings
- Allows precise adjustment of the variable height ceiling construction

Applications

- Suspending ceiling support structures element

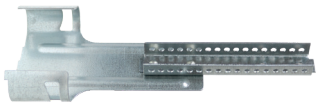
Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-N-WT	100	100	10000

Z-N-WOBR Rotary chanel hanger with nonius



Features and benefits

- Used in combination with the suspension wire and the ceiling profile for the assembly of the suspended ceilings
- Purposed for fixing hanging gypsum plasterboard ceiling

Applications

- Installation of suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-N-WOBR	100	100	5000

Z-UE Direct hanger

Fixing the structural profiles CD ceilings exposed to the transmission of vibration

Features and benefits

- Hanger can be installed directly to the rafters using screws or nails
- Allows precise adjustment of the variable height ceiling construction
- It is used for direct mounting to walls
- Easy to install

Applications

- Suspending ceiling supporting structures element

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-UE30	100	100	6400
Z-UE65	100	100	2400
Z-UE90	100	100	8000

Z-WD Double spring securing clip

Double spring for using in combination with two suspension wires for the assembly of suspended ceilings

Features and benefits

- For alignment, lengthening of a suspended ceiling
- Each attachment point uses two pins

Applications

- Suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-WD	100	100	10000

Z-WKP Direct connector

Applications

- Suspended ceilings
- Metal roof profiles

Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-WKP170	100	100	9600

SZNP Set embedding frames

Features and benefits

- Used for joints of wooden structures
- The spherical head makes a decoration of the connecting element

Applications

- Screwing fence elements, fences and benches

Index	Dimensions	Box	Outer	Pallet
	mm	pcs		
SZNP-08020	M8x20	50	800	19200

Z-WK Anchor hanger with spring

Mounting element of load-bearing structures of suspended ceilings

Features and benefits

- Quick hanger used in combination with the suspension wire and the ceiling profile for the assembly of the suspended ceilings
- For fixing lightweight ceilings and suspended ceilings to solid building materials
- Secure locking
- Easy to install

Applications

- Installation of lightweight ceilings and suspended ceilings
- Suspending ceiling supporting structures element

Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-WK	100	100	8000

Z-WT Direct flexible hanger

Features and benefits

- Combines two-level profiles supporting structures ceilings
- Cooperates with suspension wire
- Allows to adjust the height of the ceiling construction
- Easy to install
- Made of zinc plated sheet steel

Applications

- Mounting element of load-bearing structures of suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-WT	100	100	10000

Z-WKB Flat Spring Hanger

Flat ceiling hanger with spring for installation of ceiling support structures of suspended ceilings for concrete substrates

Features and benefits

- For fixing lightweight ceilings and suspended ceilings to solid building materials
- Quick hanger used in combination with the suspension wire and the ceiling profile for the assembly of the suspended ceilings
- Secure locking
- Easy to install

Applications

- Installation of suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

Index	Box	Outer	Pallet
	pcs		
Z-WKB	100	100	8000

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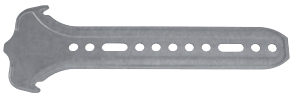
Z-WP Universal anchor hanger

Universal anchor hanger is used for installation CD profiles for wooden structures



Features and benefits

- Used to hang the construction of suspended ceilings profiles
- Easy to install
- Secure fixing

Applications

- Mounting element of load-bearing structures of suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Box	Outer	Pallet
	pcs		
Z-WP170	100	100	10000
Z-WP270	100	100	15000

Z-L-O/Z-L-H Wire with eye / hook

Suspension wire with eye/hook used in combination with the quick hanger and the ceiling profile for the assembly of suspended ceilings

Features and benefits

- Combines two-level profiles supporting structures of ceilings
- Cooperates with hangers
- Allows adjustment of the height of the ceiling construction
- Easy to install
- Made of zinc plated sheet steel

Applications

- Mounting element of load-bearing structures of suspended ceilings

Approvals and Reports

- PN-EN 13964:2014

CE

Index	Length	Box	Outer	Pallet
	mm	pcs		
with hook				
Z-L-0125-H	125	100	100	20000
Z-L-0250-H	250	100	100	20000
Z-L-0500-H	500	100	100	15000
Z-L-0750-H	750	100	100	10000
Z-L-1000-H	1000	100	100	10000
Z-L-1500-H	1500	100	100	10000
Z-L-2000-H	2000	100	100	5000
Z-L-3000-H	3000	100	100	5000
with eye				
Z-L-0125-O	125	100	100	20000
Z-L-0250-O	250	100	100	20000
Z-L-0500-O	500	100	100	20000
Z-L-0750-O	750	100	100	10000
Z-L-1000-O	1000	100	100	10000
Z-L-1500-O	1500	100	100	5000
Z-L-2000-O	2000	100	100	5000
Z-L-2500-O	2500	100	100	5000
Z-L-3000-O	3000	100	100	5000

Z-LKRZ The cross connector

Element of grid ceiling-mounted with the main profile ceiling

Features and benefits

- It connects profiles in two-level supporting structures of suspended ceilings

Applications

- Suspended ceilings
- Loft cladding

Index	Box	Outer	Pallet
	pcs		
Z-LKRZ-200	200	200	25000

Z-LW Connector longitudinal

Is used to connect CD profiles

Features and benefits

- Used to connect CD profiles
- For constructions longer than the nominal profile length, the longitudinal connector provides a secure connection between two profiles along their axis, ensuring the safety of the entire structure
- It has a tab which limits the possibility of incorrectly positioning the fastener in the CD profile

Applications

- Suspended ceilings
- Loft cladding

Index	Box	Outer	Pallet
	pcs		
Z-LW-22	50	50	10050

Z-KSP Hammer in anchor

Features and benefits

- Fire-resistant

Base materials

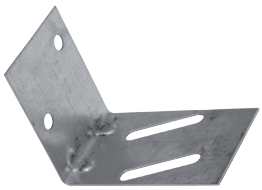
Approved for use in:

- Natural stone
- Concrete

Index	Diameter	Length	Box	Outer	Pallet
	mm	mm	pcs		
Z-KSP	8	42	100	100	40000

Z-KDP Angles for UA profiles

For mounting frame profiles UA50, UA75, UA100



Features and benefits

- Used to fix the UA-100 frame profile with the ceiling and the floor
- Creates a set along with the UA-50 profile and two sets of M8 screws (bolt, washer and nut).

Index	Length	Box	Outer	Pallet
	mm	pcs		
Z-KDP50	50	48	48	6144
Z-KDP75	75	48	48	3840
Z-KDP100	100	48	48	3840

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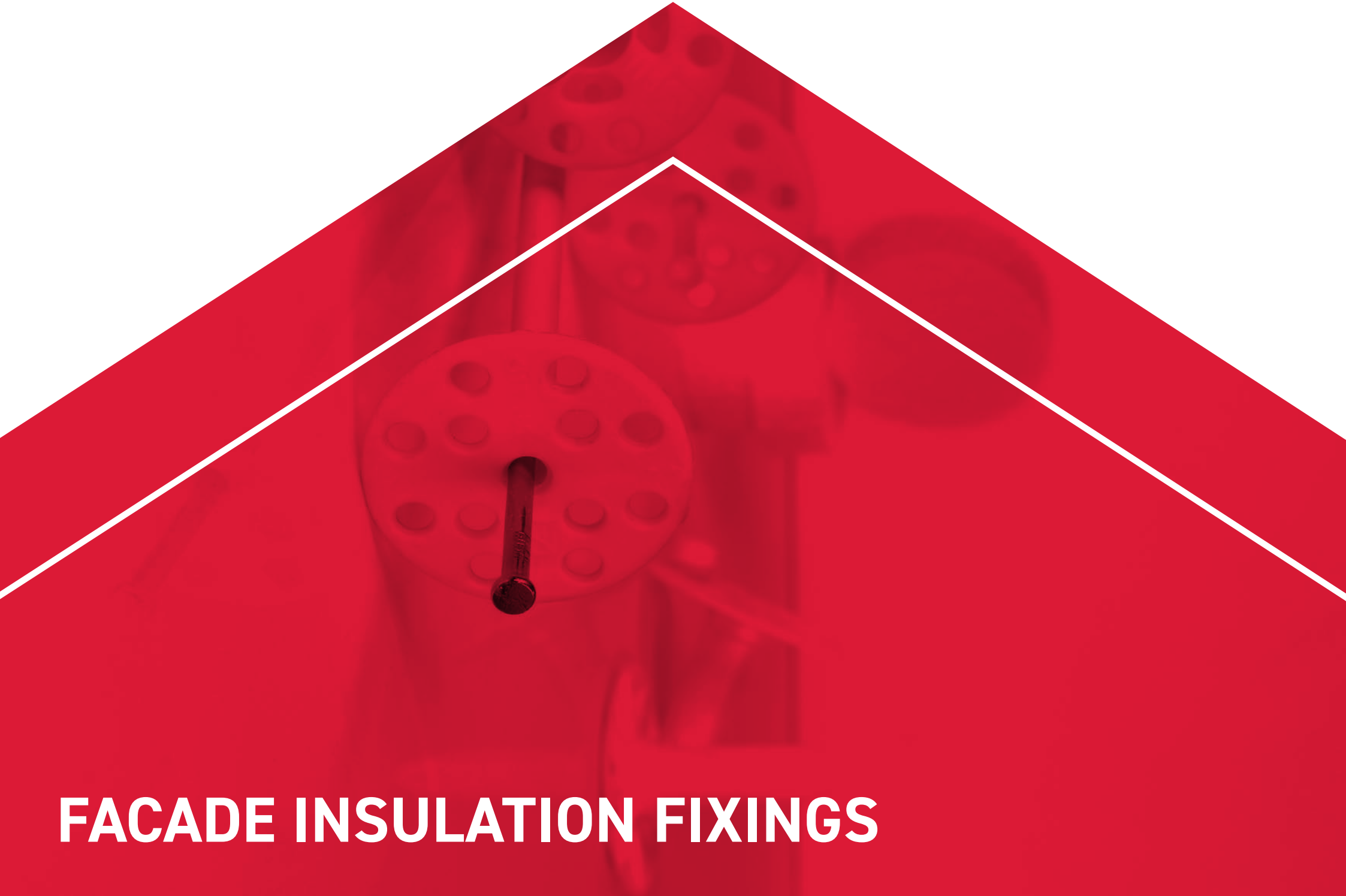

FACADE INSULATION FIXINGS

KI-10N Long expansion zone facade fixing with metal pin

Hammer-in facade fixing 60mm long expansion zone for high performance

Features and benefits

- Easy installation with best performance in lightweight base materials
- Approved for use in base material categories B, C, D, and E
- Steel nail allows fast and trouble-free installation with correct expansion of the plug

Base materials

Approved for use in:

- Solid Brick (Use category B)
- Hollow Brick (Use category C)
- Vertically-perforated clay block (Use category C)
- Lightweight Concrete Block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

Applications

- External Thermal
- Insulation Composite
- Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Light wood wool building boards
- Polyurethane (PU) boards
- Lightweight recycled panels

Approvals and Reports

- ETA-07/0221
- ITB-KOT-2021-1550

Index	Fixing		Thickness of the insulation fixing	Quantity		
	Diameter	Length		Box	Outer	Pallet
	mm			pcs		
KI-120N	10	120	60	250	250	10000
KI-140N	10	140	80	250	250	8000
KI-160N	10	160	100	250	250	8000
KI-180N	10	180	120	250	250	6000
KI-200N	10	200	140	250	250	6000
KI-220N	10	220	160	250	250	6000
KI-260N	10	260	200	200	200	4800
KI-300N	10	300	240	200	200	4800

KI-10M Facade fixing with metal pin

Hammer-set facade insulation fixing with steel nail for countersunk installation with additional insulation cap

Features and benefits

- Installation in all base materials (categories A,B,C,D,E)
- Fixing recommended for countersunk installation (with post-installed insulation cap) - reduces heat transmission and results in a homogenous insulation surface
- Steel nail allows fast and trouble-free installation with correct expansion of the plug
- Black version available on request
- High performance when using an anchoring zone reduced to 25 mm (anchoring in concrete, solid brick, solid silicate and hollow brick)

Base materials

Approved for use in:

- Concrete C20/25-C50/60
- Solid Brick
- Hollow-core Slab
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Reinforced components of lightweight aggregate concrete
- Aerated Concrete Block

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Light wood wool building boards
- Polyurethane (PU) boards
- Lightweight recycled panels

Approvals and Reports

- ETA-07/0291
- ITB-KOT-2021-1550

Index	Fixing			Thickness of the insulation fixing	Quantity		
	Diameter	Length	Plate diameter		Box	Outer	Pallet
	mm				pcs		
KI-090M	10	90	60	50	250	250	12000
KI-120M	10	120	60	80	250	250	10000
KI-140M	10	140	60	100	250	250	8000
KI-160M	10	160	60	120	250	250	8000
KI-180M	10	180	60	140	250	250	6000
KI-200M	10	200	60	160	250	250	6000
KI-220M	10	220	60	180	250	250	6000
KI-260M	10	260	60	220	200	200	4800

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KI-10 Facade fixing with plastic pin

Hammered façade pin with reinforced mandrel plastic for all types of substrates

Features and benefits

- Installation in all substrates (categories A,B,C,D,E).
- The plastic nail reduces heat transmission (value 0.0W/K).
- Plastic nail reinforced with glass fibre allows fast and trouble-free installation with correct expansion of the plug
- Anchoring in concrete and solid brick 25 mm, anchoring in hole materials 40 mm, in aerated concrete 60 mm

Base materials

Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Hollow Sand-lime Brick (Use category C)
- Vertically-perforated clay block (Use category C)
- Hollow Lightweight Concrete Block (Use category C)
- Lightweight Concrete Block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

Applications

- Polystyrene boards
- Mineral wool
- Light wood wool building boards
- Polyurethane boards
- Wood fibre boards
- Lightweight recycled panels
- External Thermal
- Insulation Composite
- Systems (ETICS)

Approvals and Reports

- ETA-07/0291

Index	Fixing			Thickness of the insulation fixing	Quantity		
	Diameter	Length	Plate diameter		Box	Outer	Pallet
	mm				pcs		
KI-070	10	70	60	30	250	250	14000
KI-090	10	90	60	50	250	250	14000
KI-120	10	120	60	80	250	250	12000
KI-140	10	140	60	100	250	250	10000
KI-160	10	160	60	120	250	250	10000
KI-180	10	180	60	140	250	250	7500
KI-200	10	200	60	160	250	250	7500
KI-220	10	220	60	180	250	250	7500

KC Insulation washer

Insulation washer with integral cap suitable for attachment of insulation layers to wooden and sheet metal substrates

Features and benefits

- Recommended for the attachment of ETICS to wooden substrates using UC screws, or to sheet metal using WB screws
- Special design of integral fastener cap allows reduction of thermal bridges
- Consistent and reliable holding force
- Quick, simple and clean installation
- Can be used in combination with additional KWL plate - 90, 110 or 140mm diameter

Base materials

Approved for use in:

- Steel sheet
- Wood

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Polyurethane (PU) boards

Approvals and Reports

- KOT-2017/0345

Index	Size	Quantity		
	Plate diameter	Box	Outer	Pallet
	mm	pcs		
KC	60	200	200	22400

KWL Insulation retaining plate

Insulation retaining plate for use in combination with KI pins

Features and benefits

- Quick and easy application possible with all ETICS fixings.
- Nylon versions ideal for enhanced plate stiffness.
- Polypropylene standard versions are recommended for cost-effective applications.

Base materials

Approved for use in:

- Polystyrene (EPS) boards
- Mineral Wool Boards
- Concrete
- Solid brick
- Hole brick
- Hollow lightweight concrete block
- Lightweight concrete
- Aerated concrete
- Styrofoam boards

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Polyurethane (PU) boards

Approvals and Reports

- ETA-07/0221
- ETA-07/0291
- ETA-07/0336
- ITB-KOT-2021-1550

Index	Fixing			Quantity		
	Screw diameter	Length	Plate diameter	Box	Outer	Pallet
	mm			pcs		
KWL-110PP	60	15	110	200	200	3200
KWL-090PP	60	15	90	200	200	11200

KCX Tubed insulation washer

Insulation washer with integral cap suitable for attachment of insulation layers to wooden and sheet metal substrates

Features and benefits

- Recommended for the attachment of ETICS to wooden substrates using UC screws, or to sheet metal using WB screws (allows setting without pre-drilling, thus saving a stage of installation)
- Special design of integral fastener cap allows reduction of thermal bridges to 0,001W/K
- Design with long tube allows to use short length of the screw for best cost effective solution to fix large insulation thickness.
- Consistent and reliable holding force
- Quick, simple and clean installation.
- Can be used in combination with additional KWL plate - 90, 110 or 140mm diameter

Base materials

Approved for use in:

- Concrete C20/25
- Metal Sheet & Profiles
- Wood
- Timber
- Chipboard

Also suitable for use in:

- Plastic

Applications

- External Thermal Insulation Composite Systems (ETICS)

Approvals and Reports

- ITB-KOT-2019/0968

Index	Length	Quantity		
		Box	Outer	Pallet
	mm	pcs		
KCX-055	55	400	400	22400
KCX-105	105	250	250	12000
KCX-165	165	150	150	8400

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KFS Counterbore cutter

Plastic cutter for polystyrene and mineral wool

Features and benefits

- Precise tool construction allows cutting of polystyrene, polyurethane and mineral wool boards
- Countersunk installation (with postinstalled insulation cap) reduces heat transmission and results in a homogenous insulation surface.
- Cost-saving solution, as countersunk installation allows selection of shorter fixings

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Polyurethane (PU) boards
- Mineral wool

Index	Material	Size		Quantity		
		Hole diameter	Depth	Box	Outer	Pallet
		mm		pcs		
K-KFS-63/20	Polistyren	63	20	1	16	384

SIATKA-B Glass fibre mesh

High-quality glass fibre net is intended as an excellent reinforcing material in modern, jointless external wall insulation systems.

Features and benefits

- The surface of glass fibre nettings can be coated with an impregnating agent, which stabilizes the weave pattern and ensures an excellent alkali resistance
- Designed for maximum elasticity and durability (145 g/m2 and 163 g/m2)
- High mechanical stability, at floating does not stretch
- Reinforcing walls, floors and ceilings
- • Does not absorb a moisture

Base materials

Approved for use in:

- Polystyrene (EPS) boards
- Mineral Wool Boards

Applications

- External Thermal Insulation Composite Systems (ETICS)

Approvals and Reports

- ETA-16/0526

Index	Colour	Lenght	Width	Thickness	Quantity		
					Box	Outer	Pallet
		m	m	mm	m^2		
SIATKA-B	Yellow	50	1,0	0,48 (±0,07%)	50	50	1650
SIATKA-B-165	Orange	50	1,1	0,43 (±0,07%)	55	55	1815

KES Thermoinsulation

Post-installed polystyrene cap reduces heat transmission and results in a homogenous insulation surface

Features and benefits

- Post-installed cap reduces heat transmission at fixing points
- Results in homogeneous and smooth insulation surface
- Cost-saving solution, as countersunk installation allows selection of shorter fixings
- Quick and easy application

Applications

- Facade construction (ETICS)
- Styrofoam boards
- Mineral wool plates

Index	Materiał	Dimension		Quantity		
		Diameter	Thickness	Box	Outer	Pallet
		mm		pcs		
KES-63/20	white polystyrene	63	20	250	250	8000
KES-63/20-MW	mineral wool	63	20	250	250	8000
KES-63/20-G	grey polystyrene	63	20	250	250	8000
KES-90/20-G	grey polystyrene	90	20	500	500	8000

PD Spacer disc

Essential for correct installation of base tracks and ETICS rails on uneven substrates

Features and benefits

- Designed for use with different fasteners in diameters 6,8 & 10mm
- Colour coded for quick and easy size identification
- For levelling out facade tolerances: lengths can be combined (3,5,8,10,15mm)
- Simple installation

Applications

- ETICS rails
- Base track

Index	Size		Quantity		
	Diameter	Thickness	Box	Outer	Pallet
	mm		pcs		
PD-03	40	3	25	400	9600
PD-05	40	5	25	400	9600
PD-08	40	8	25	400	9600
PD-10	40	10	25	300	7200
PD-15	40	15	25	300	7200

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HR Scaffolding hook

The ideal interaction of the scaffold eyebolt and HRK plug allows for a high load-bearing capacity, thus providing increased safety

Features and benefits

- The high-quality weld stops the eye from opening
- In order to achieve the maximum loadbearing capacity, nylon plugs should only be used once
- The product should be anchored with HRK

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Natural Stone
- Solid Sand-lime Brick
- Vertically-perforated clay block

Applications

- Scaffolding

Index	Hole diameter	Length	Quantity		
			Box	Outer	Pallet
	mm		pcs		
HR-12090	12	90	25	25	2875
HR-12120	12	120	25	25	2000
HR-12160	12	160	25	25	2300
HR-12190	12	190	25	25	2100
HR-12230	12	230	25	25	3500
HR-12300	12	300	25	25	2800
HR-12350	12	350	25	25	2300

HRK Scaffolding plug

Easy-to-install plug giving exceptional performance in solid base materials

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw.
- Engineered grip feature for extra holding power.
- Two-way expansion mechanism provides a strong anchorage in solid base materials
- Product adapted to HR scaffolding hooks

Base materials

Approved for use in:

- Solid Brick
- Natural Stone
- Solid Sand-lime Brick
- Vertically-perforated clay block
- Aerated concrete

Applications

- Scaffolding

Index	Diameter	Quantity		
		Box	Outer	Pallet
	mm	pcs		
HRK-14070	14	25	400	9600
HRK-14100	14	25	400	9600
HRK-14135	14	25	300	7200

KRK Expansion Plugs

Expansion plugs for applications in solid substrates with KWB wall anchors

Features and benefits

- Anti-rotation fins prevent spinning when tightening KWB wall ties.
- Two anchoring zones for high anchoring capacities in solid materials
- Flange prevents the pin from slipping into the hole

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Stone

Applications

- Three-layer walls

Index	Size		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
KRK-04	5,5	38	250	10000	240000

NKRK Expansion Plugs

Expansion plugs for mounting KWB anchor in wall technology three-layer in hole substrates and aerated concrete

Features and benefits

- Special pin design for high performance installation of KWB anchor in hole substrates and aerated concrete
- Longitudinal long anchoring zone for increased technical parameters
- Flange prevents the pin from slipping into the hole

Base materials

Approved for use in:

- Solid Brick
- Hollow Brick
- Lightweight Concrete Block
- Aerated Concrete Block

Applications

- Three-layer walls

Index	Size		Quantity		
	Length	Diameter	Box	Outer	Pallet
	mm		pcs		
NKRK-08060	60	8,0	250	5000	60000

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KWB Post-installed Anchor Wall Fixings

Post-installed anchor wall for subsequent facing and insulation of existing masonry, to be used in conjunction with expansion plug

Features and benefits

- KWB anchor always can be used with expansion plug KRK or NKRK
- V4A high grade stainless steel wall tie for fixing in masonry facing with or without insulation
- Due to the wave at the end of the anchor the processing time is reduced

Base materials

Approved for use in:

- Concrete
- Solid Brick
- Hollow Brick
- Natural stone
- Hollow Lightweight Concrete Block
- Lightweight Concrete Block
- Aerated Concrete Block

Applications

- Three-layer walls

Index	Fixing			Quantity		
	Diameter	Length		Box	Outer	Pallet
		L	L1			
	mm			pcs		
KWB-4/180	4	155	50	500	500	72500
KWB-4/210	4	185	50	500	500	50000
KWB-4/250	4	225	50	500	500	50000
KWB-4/275	4	250	50	500	500	47500
KWB-4/300	4	275	50	500	500	47500
KWB-4/350	4	325	50	250	250	25000
KWB-4/400	4	375	50	250	250	20000

KWK Cavity Wall Screw Fixings

Universal threaded anchor used for wooden joining supporting structure with insulation material and brick facing brick

Features and benefits

- The stainless steel screw for best anticorrosion protection.
- The anchor can be can be precisely and quickly mounted directly in the wooden structure without the need to drill a hole first

Base materials

Approved for use in:

- • Timber
- • Oriented Strand Board
- • Chipboard

Applications

- Three-layer walls

Index	Size			Quantity		
	Diameter	Length		Box	Outer	Pallet
		L	L1			
	mm			pcs		
KWK-4/210	4	210	50	250	250	40500
KWK-4/260	4	260	50	250	250	23750

KMV Cavity Wall Ties

Traditional stainless steel connector for masonry

Features and benefits

- Stainless steel material for high corrosion resistance
- Quick and easy installation

Base materials

Approved for use in:

- Solid Brick
- Hollow Brick
- Lightweight concrete blocks Hollow lightweight concrete blocks
- Areated concrete block

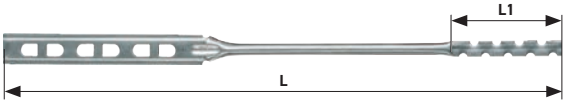
Applications

- Three-layer walls

Index	Size		Quantity		
	Length	Thickness	Box	Outer	Pallet
	mm		pcs		
KMV-300/5	300	0,5	250	250	25000

MULTI Cavity Wall Ties

Universal anchor for joining the load-bearing wall with the facing wall in a standard weld and especially in a thin weld



Features and benefits

- Stainless steel material for high corrosion resistance
- Thin ends of the anchor designed especially for use with thin mortar

Base materials

Approved for use in:

- Solid Brick
- Hollow Brick
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Applications

- Three-layer walls

Index	Length		Quantity		
	L	L1	Box	Outer	Pallet
	mm		pcs		
MULTI-300	300	50	250	250	31500
MULTI-320	320	50	250	250	31500

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KL Cavity Wall Ties

Stainless steel anchor for joining a brick wall traditionally load-bearing with insulation material and brick facing brick

Features and benefits

- V4A high grade stainless steel wall tie for fixing in masonry facing with or without
- insulation
- Embedment into inner leaf 50 mm (L form)
- Embedment into outer leaf 50 mm (wavy end)

Base materials

Approved for use in:

- Solid Brick
- Hollow Brick
- Lightweight Concrete Block
- Hollow lightweight concrete blocks
- Areated concrete block

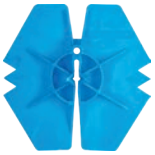
Applications

- Three-layer walls

Index	Length		Quantity		
	L	L1	Box	Outer	Pallet
	mm		pcs		
KL-4/25/225	225	50	250	250	31500
KL-4/25/275	275	50	250	250	31500
KL-4/25/300	300	50	250	250	31500
KL-4/25/340	340	50	250	250	31500

ISO-CLIP Cavity Wall Insulation Flange

Insulation flange with with condenser for three-layer wall anchors diameter 3-5 mm



Features and benefits

- Easy to fasten due to sideways installation.
- Ensures elimination of condensation via draining nozzles.
- For cavity wall ties made of wire from 3-5mm as well as Multi cavity wall tie

Applications

- Three-layer walls

Index	Diameter	Quantity		
		Box	Outer	Pallet
	mm	pcs		
ISO-CLIP	60	250	2500	20000

PW Joint Vent

Joint vent for use in the vertical joints between bricks

Features and benefits

- The design allows air circulation to reduce any build up of moisture
- Application of vents guarantees drying of the wall, removal of external condensation and conservation of a minimum moisture content in the insulation layer
- Special design to prevent against large insects

Applications

- Three-layer walls

Index	Size		Quantity		
	Length	Thickness	Box	Outer	Pallet
	mm		pcs		
PW-WHITE	115	10	100	100	40000
PW-GREY	115	10	50	50	20000
PE-BROWN	115	10	100	100	40000

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ROOFING INSULATION FIXINGS

K08L Expansion plug

Easy-to-install plug giving exceptional performance in solid base materials

Features and benefits

- Suitable for fixing insulation materials to concrete in flat roof applications in conjunction with WO screws
- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power

Base materials

Approved for use in:

- Concrete
- Natural stone
- Solid brick
- Hollow brick
- Hollow Lightweight Concrete Block

Applications

- Installation of insulation layers on flat roofs with screw

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
	mm	mm	pcs		
K08L040	8	40	200	2400	57600

Polyethylene foil

Polyethylene insulating foil

Features and benefits

- It provides the necessary protection of the roof from moisture, has a high vapour barrier
- Optimally technical features provide highstrength foil, and resistance to cracking

Applications

- Systems of mechanically fastened flexible roof waterproofing membrane

Index			Quantity		
	Length	Thickness	Box	Outer	Pallet
	m	mm	pcs		
FOIL-PE-02/4	50	0,2	200	200	8000

Polyethylene foil

Polyethylene insulating foil

Features and benefits

- Suitable for fixing insulation materials to concrete in flat roof applications in conjunction with WO screws
- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power

Applications

- Vapour barrier layers on flat and pitched roofs

Index				Quantity		
	Length	Thickness	Thickness tolerance	Box	Outer	Pallet
	m	mm		pcs		
FOIL-PE/02/4/N30	50	0,2	30%	200	8000	8000
FOIL-PE-02/4/N40	50	0,2	40%	200	8000	8000
FOIL-PE-02/4/N50	50	0,2	50%	200	8000	8000

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FOAMS, SEALANTS & ADHESIVES

RPP-45-K Polyurethane Gun Foam All Season

Features and benefits

- Ideal for mounting, sealing and soundproofing
- Excellent sound-absorbing and thermal insulation parameters
- Extremely fast machinability, even after 40 minutes from the correct application
- Optimally low pressure
- Resistant to mold and fungi

Base materials

Approved for use in:

- Concrete
- Solid brick
- Hollow brick
- Hollow Lightweight Concrete Blocks
- Lightweight concrete
- Aerated concrete
- Steel sheet
- Wood
- PVC plastic

Applications

- Installation of windows and doors
- Filling around plumbing and heating pipework
- Sealing window sills
- Thermal insulation of roofs and flat roofs
- Filling gaps in the thermal insulation of buildings
- Filling in of frame structures

Approvals and Reports

- ITB-KOT-2021/2057

Index	Quantity		
	Box	Outer	Pallet
	pcs		
RPP-45-K	12	12	672

RPS-K Polyurethane Gun Foam All Season with applicator

Features and benefits

- Ideal for mounting, sealing and soundproofing
- Excellent sound-absorbing and thermal insulation parameters
- Extremely fast machinability, even after 40 minutes from the correct application
- Optimally low pressure
- Resistant to mold and fungi

Base materials

Approved for use in:

- Concrete
- Solid brick
- Hollow brick
- Hollow Lightweight Concrete Blocks
- Lightweight concrete
- Aerated concrete
- Steel sheet
- Wood
- PVC plastic

Applications

- Installation of windows and doors
- Filling around plumbing and heating pipework
- Sealing window sills
- Thermal insulation of roofs and flat roofs
- Filling gaps in the thermal insulation of buildings
- Filling in of frame structures

Approvals and Reports

- ITB-KOT-2021/2057

Index	Quantity		
	Box	Outer	Pallet
	pcs		
RPS-K	12	12	672

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RPP-FIX-K Polyurethane Adhesive

PU adhesive gun version for bonding polystyrene EPS and XPS boards for thermal insulation

Features and benefits

- Fixing possible just two hours after application.
- One product for thermal insulation of facades (EPS) and foundations (XPS).
- Highly efficient - coverage of about 8m2 facades and approx 12m2 foundations

Base materials

Approved for use in:

- Concrete
- Solid brick
- Hollow brick
- Hollow Lightweight Concrete Blocks
- Lightweight concrete
- Aerated concrete

Also Suitable for use in:

- Steel sheet
- Wood
- PVC plastic
- OSB board

Applications

- For bonding EPS insulation boards on facades
- For bonding XPS insulation boards on foundations
- For bonding decorative elements
- For bonding wall panels, roofing sheets & tiles
- Thermal insulation of roofs and flat roofs
- Thermal insulation around plumbing and heating pipework
- Sealing and installation of window sills
- Filling gaps in the thermal insulation of buildings

Approvals and Reports

- ITB-KOT-2018/0531

Index	Quantity		
	Box	Outer	Pallet
	pcs		
RPP-FIX-K	12	12	672

K-SL-MA Acrylic

Acrylic dispersion sealant

Features and benefits

- Solvent-free
- Flexible plastic joint, water-resistant after curing
- Can be painted when fully-cured.
- Suitable for most construction substrates.
- Designed for internal and external use, with resistance to changeable weather conditions

Base materials

Approved for use in:

- Concrete
- Natural stone
- Solid brick
- Aerated concrete
- Wood
- OSB board

Applications

- Sealing of roof flashings, terraces, chimneys and hatches
- Sealing timber elements during production processes
- Sealing of ventilation, air conditioning and refrigeration systems
- Sealing of containers and vehicle trailers.
- Domestic wall connections
- Plasterboard, plaster and concrete

Index	Quantity		
	Box	Outer	Pallet
	pcs		
K-SL-MA-02	15	15	1260

K-SL-UNI Universal Silicone

Universal silicone - One-component, elastic sealant with acetate curing system

Features and benefits

- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation

Base materials

Approved for use in:

- Glass
- Ceramics
- Terracotta
- Glaze
- Protected metal

Applications

- For standard glazing applications, as well as hotboxes for gardening
- Sealing partition walls and window & door frames
- Do not use for fish tanks, mirrors, unprotected metals, natural stone or concrete

Index	Quantity			
	Colour	Box	Outer	Pallet
		pcs		
K-SL-UNI-01	Colourless	15	15	1260
K-SL-UNI-02	White	15	15	1260

K-SL-SAN Sanitary Silicone

Sanitary silicone - One-component, elastic sealant with acetate curing system

Features and benefits

- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation

Base materials

Approved for use in:

- Glass
- Ceramics
- Terracotta
- Glaze
- Protected metal

Applications

- For standard glazing applications, as well as hotboxes for gardening
- Sealing partition walls and window & door frames
- Do not use for fish tanks, mirrors, unprotected metals, natural stone or concrete

Index	Quantity			
	Colour	Box	Outer	Pallet
		pcs		
K-SL-SAN-01	Colourless	15	15	1260
K-SL-SAN-02	White	15	15	1260

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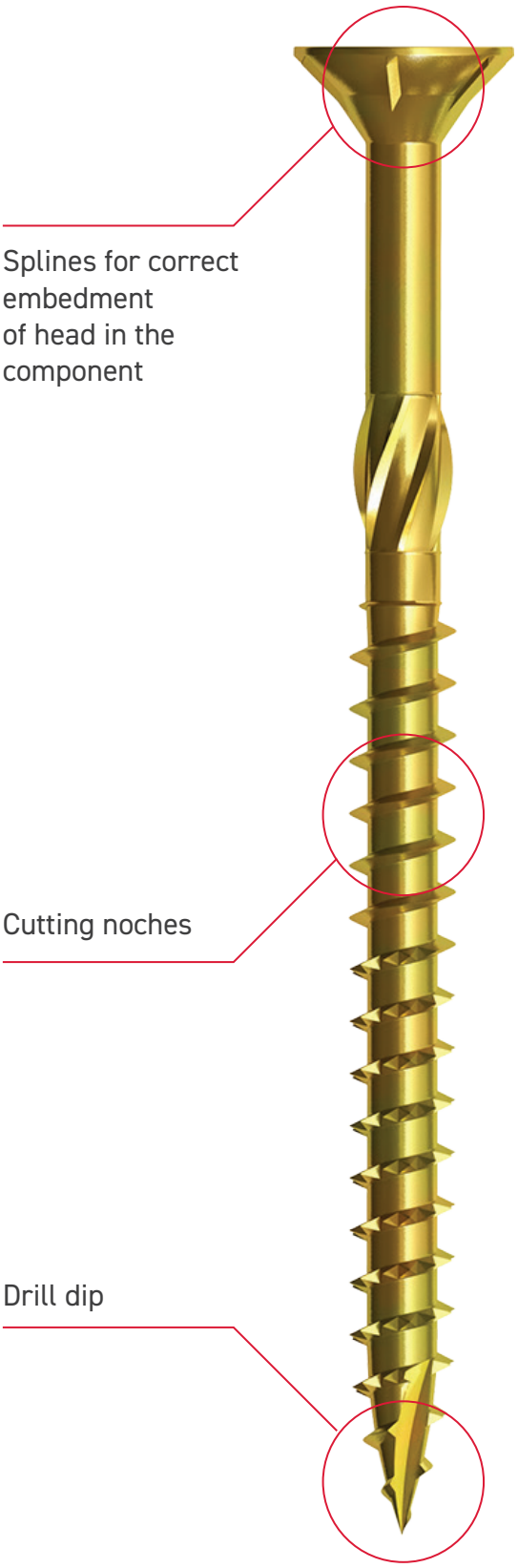
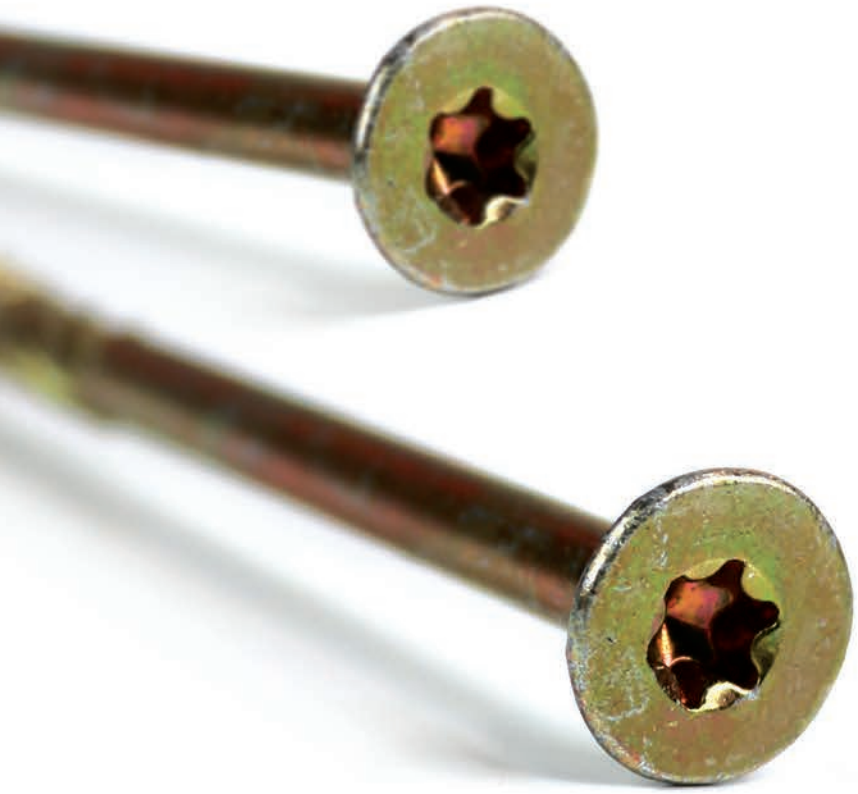
SCREWS

TS

WOOD SCREWS WITH COUNTERSUNK HEAD

- An alternative to nails construction
- No drilling required
- Drill tip
- Cutting notches
- Splines for correct embedment of head in the component
- Wax coating





CS

WOOD SCREWS WITH WASHER HEAD

- An alternative to construction nails
- No drilling required
- Drill tip
- Cutting notches for easier screw installation
- Splines for correct embedment of head in the component
- Cutter to reduce the amount of force required for screwdriving
- Wax coating
- Large thread pitch - guarantees fast screwing

KOELNER

TS Wood Screws with Countersunk Head

High-strength countersunk screw for fastening various types of wood and chipboard

Features and benefits

- Milling ribs under the head of the screw allow it to embed easily and smoothly into the material
- Partial thread allows secure clamping of components during fastening
- Ribbed threads with slip wax coating reduce the force required to insert the screw
- Galvanised, yellow or white finish
- Torx drive makes it easier to guide the screw and prevents the bit from jumping out

Base materials

Approved for use in:

- Chipboard
- Structural wood
- Wood

Applications

- Fastening of chipboards
- Fastening of wooden parts
- Wooden fences
- Fastening of beam joints

Approvals and Reports

- PN-EN 14592 + A1: 2012

CE

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
	mm		pcs		
TS-3016	3	16	500	32000	768000
TS-3020	3	20	500	32000	768000
TS-3025	3	25	500	32000	768000
TS-3030	3	30	500	16000	384000
TS-3035	3	35	500	16000	384000
TS-3040	3,5	40	500	16000	384000
TS-3516	3,5	16	500	32000	768000
TS-3520	3,5	20	500	32000	768000
TS-3525	3,5	25	500	16000	384000
TS-3530	3,5	30	500	16000	384000
TS-3535	3,5	35	500	16000	384000
TS-3540	3,5	40	500	12000	288000
TS-3545	3,5	45	250	8000	192000
TS-3550	3	50	250	8000	192000
TS-4016	4	16	500	32000	768000
TS-4020	4	20	500	16000	384000
TS-4025	4	25	500	16000	354000
TS-4030	4	30	250	16000	384000
TS-4035	4	35	250	8000	192000
TS-4040	4	40	250	8000	192000
TS-4045	4	45	250	8000	192000
TS-4050	4	50	250	6000	144000
TS-4060	4	60	250	4000	96000
TS-4070	4	70	100	3200	76800
TS-5020	5	20	250	16000	384000

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
	mm		pcs		
TS-5025	5	25	250	16000	384000
TS-5030	5	30	250	8000	192000
TS-5035	5	35	250	8000	192000
TS-5040	5	40	100	3200	76800
TS-5050	5	50	100	3200	76800
TS-5060	5	60	100	1600	38400
TS-5070	5	70	100	1600	38400
TS-5080	5	80	50	1600	38400
TS-5090	5	90	50	1600	38400
TS-5100	5	100	50	1600	38400
TS-5120	5	120	50	1600	38400
TS-6030	6	30	100	3200	76800
TS-6040	6	40	100	3200	76800
TS-6050	6	50	100	3200	76800
TS-6060	6	60	100	3200	76800
TS-6070	6	70	50	1600	38400
TS-6080	6	80	50	1600	38400
TS-6090	6	90	50	1600	38400
TS-6100	6	100	50	1600	38400
TS-6120	6	120	50	1200	28800
TS-6140	6	140	50	1200	28800
TS-6160	6	160	50	1200	28800
TS-6180	6	180	50	1200	28800
TS-6200	6	200	50	800	19200

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CS Wood Screws with Washer Head

High-strength screw with countersunk head for fastening wooden construction elements

Features and benefits

- Washer head prevents the screw from being pulled through
- Galvanised, yellow or white coating
- Drilling cutter prevents cracking of the fastening material
- Ribbed thread with slip wax coating reduces the force required to the screw
- Energy savings in the screwdriver thanks to the minimised torque

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Joining wooden parts
- Attaching rafters to purlins in roof structures
- Fastening structural wooden elements
- Pergolas, wooden sheds arbours, sheds

Approvals and Reports

- PN-EN 14592 + A1: 2012

CE

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
	mm		pcs		
CS-6080	6	80	100	1200	38400
CS-6100	6	100	100	1200	28800
CS-6120	6	120	100	1200	38400
CS-6140	6	140	100	1200	28800
CS-6160	6	160	100	1200	38400
CS-6180	6	180	100	800	25600
CS-6220	6	220	100	800	25600
CS-8080	8	80	50	600	14400
CS-8100	8	100	50	600	14400
CS-8120	8	120	50	600	14400
CS-8140	8	140	50	600	14400
CS-8160	8	160	50	600	14400
CS-8180	8	180	50	400	9600
CS-8200	8	200	50	400	9600
CS-8220	8	220	50	400	9600
CS-8240	8	240	50	400	9600
CS-8260	8	260	50	400	9600
CS-8280	8	280	50	200	6400
CS-8300	8	300	50	50	6400
CS-8320	8	320	50	50	6400
CS-8340	8	340	25	25	3200
CS-8360	8	360	25	25	3200
CS-8380	8	380	25	25	4550
CS-8400	8	400	25	25	4550

FS/FSK Drywall screw for sheet metal

Drywall screw with fine thread for fixing plasterboard to metal framing

Features and benefits

- Optimised screw tip geometry - excellent drilling capacity
- No pre-drilling required
- Made of low-carbon steel, electroplated phosphated
- Fine thread for metal substrate

Base materials

Approved for use in:

- Steel sheet

Applications

- Fastening plasterboard to metal framework

Approvals and Reports

- PN-EN 14566 + A1: 2012

CE

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	pcs		
FS Drywall screw				
FS-3525	3,5x25	1000	16000	384000
FS-3535	3,5x35	1000	12000	288000
FS-3545	3,5x45	500	6000	144000
FS-3555	3,5x55	500	6000	144000
FS-4270	4,2x70	250	3000	72000
FS-4890	4,8x90	250	3000	72000
FS-48100	4,8x100	200	2400	57600
FS-48110	4,8x110	200	2400	57600
FS-48120	4,8x120	200	2400	57600

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	kg		
FSK Drywall screw in kilograms				
FSK-3525	3,5x25	10	10	360
FSK-3535	3,5x35	10	10	360
FSK-3545	3,5x45	10	10	360
FSK-3555	3,5x55	10	10	360

FT/FTK Drywall screw for wood

Drywall screw with coarse thread for fixing plasterboard to wooden framing

Features and benefits

- Optimised screw tip geometry - excellent drilling capability
- No pre-drilling required.
- Low-carbon steel with black phosphate finish for increased durability

Base materials

Approved for use in:

- Wood

Applications

- Fastening plasterboard walls to wooden framework

Approvals and Reports

- PN-EN 14566 + A1: 2012

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	pcs		
FT Drywall screw				
FT-3525	3,5x25	1000	16000	384000
FT-3535	3,5x35	1000	12000	288000
FT-3545	3,5x45	500	6000	144000
FT-3555	3,5x55	500	6000	144000
FT-4270	4,2x70	250	3000	72000
FT-48100	4,8x100	200	2400	57600
FT-48120	4,8x120	200	2400	57600

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	kg		
FTK Drywall screw in kilograms				
FTK-3525	3,5x25	10	10	360
FTK-3535	3,5x35	10	10	480
FTK-3545	3,5x45	10	10	360
FTK-3555	3,5x55	10	10	360
FTK-4270	4,2x70	10	10	360
FTK-4890	4,8x90	10	10	360

WS Self-drilling drywall screw

Self-drilling screw for drywall

Features and benefits

- Precision drive recess ensures high fastening quality
- Drilling capacity up to 2.0 mm
- Low-carbon steel with black phosphate finish for increased durability

Base materials

Approved for use in:

- Steel sheet

Applications

- Mainly for joining metal supporting profiles in drywall systems

Approvals and Reports

- PN-EN 14566 + A1: 2012

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	pcs		
WS-3525	3,5x25	1000	16000	384000
WS-3535	3,5x35	1000	12000	288000
WS-3545	3,5x45	500	6000	144000

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	pcs		
WS-3595	3,5x9,5	1000	16000	512000
WS-3911	3,9x11	1000	16000	512000

Index	Screw	Quantity		
	Diameter x Length	Box	Outer	Pallet
	mm	pcs		
WS-3595-OC	3,5x9,5	1000	16000	512000
WS-3911-OC	3,9x11	1000	16000	256000

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WF Wafer head screw

Zinc plated wafer head screws

Features and benefits

- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12µm
- Head integrated with washer for greater resistance to head dragging

Base materials

Approved for use in:

- Wood
- Plastic
- Steel Sheet

Applications

- Thin sheet metal to thin wall steel structures, plastic and wood

Approvals and Reports

- PN-EN 14566 + A1: 2012

CE

Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		pcs		
WF-4213	4,2x13	-	1000	16000	384000
WF-4216	4,2x16	1	1000	16000	384000
WF-4219	4,2x19	4	500	8000	192000
WF-4222	4,2x22	7	500	8000	192000
WF-4225	4,2x25	10	500	8000	192000
WF-4232	4,2x32	17	500	8000	192000
WF-4235	4,2x35	20	500	8000	192000
WF-4240	4,2x40	25	500	6000	144000
WF-4250	4,2x50	35	500	6000	144000

According to the RAL colours

Index	Screw	Fixture	Quantity
	Diameter x Length	Maximum thickness	Box
	mm		pcs
WF-4216 + RAL/25	4,2x16	1	250
WF-4219 + RAL/25	4,2x19	4	250
WF-4222 + RAL/25	4,2x22	7	250
WF-4225 + RAL/25	4,2x25	10	250
WF-4232 + RAL/25	4,2x32	17	250
WF-4235 + RAL/25	4,2x35	20	250
WF-4240+ RAL/25	4,2x40	25	250
WF-4250 + RAL/25	4,2x50	35	250
WF-4265 + RAL/25	4,2x65	50	250

WFS Wafer head self-drilling screw

Zinc plated wafer head self-drilling screws (drilling capacity 2.5mm)

Features and benefits

- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12µm
- Head integrated with washer for greater resistance to head dragging

Base materials

Approved for use in:

- Steel Sheet
- Plastic

Applications

- Thin sheet metal to thin wall steel structures, plastic and building boards

Approvals and Reports

- PN-EN 14566 + A1: 2012

CE

Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		pcs		
WFS-4213	4,2x13	-	1000	16000	384000
WFS-4216	4,2x16	1	1000	16000	384000
WFS-4219	4,2x19	4	500	8000	192000
WFS-4222	4,2x22	7	500	8000	192000
WFS-4225	4,2x25	10	500	8000	192000
WFS-4232	4,2x32	17	500	8000	192000

According to the RAL colours

Index	Screw	Fixture	Quantity
	Diameter x Length	Maximum thickness	Box
	mm		pcs
WFS-4216+RAL/25	4,2x16	1	250
WFS-4219+RAL/25	4,2x19	4	250
WFS-4222+RAL/25	4,2x22	7	250
WFS-4225+RAL/25	4,2x25	10	250
WFS-4232+RAL/25	4,2x32	17	250

KOELNER

UC/UCK Chipboard screw

Chipboard screw for application in wood

Features and benefits

- Thread geometry allowing application in all wood materials
- The optimised head geometry with underhead cutting ribs also affords an exact and splinter-free surface finish even with connections close to the edge
- The double cone head allows flush fixing of the screw
- Corrosion protection with zinc coating, wax-coated for easier screwing

Base materials

Approved for use in:

- Chipboard
- Wood

Applications

- Joining wooden elements
- Mounting of skirting boards
- Fastenings of doors and metal elements
- Minor fixings
- Finishing works

Approvals and Reports

- PN-EN 14566 + A1: 2012

CE

Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		pcs		
UC Chipboard screws with a countersunk head					
UC-3012	3,0x12	-	1000	32000	768000
UC-3016	3,0x16	4	1000	32000	768000
UC-3020	3,0x20	8	1000	32000	768000
UC-3025	3,0x25	13	1000	32000	768000
UC-3030	3,0x30	18	1000	24000	576000
UC-3035	3,0x35	23	1000	16000	384000
UC-3040	3,0x40	28	1000	16000	384000
UC-3512	3,5x12	-	1000	32000	768000
UC-3516	3,5x16	3	1000	32000	768000
UC-3520	3,5x20	7	1000	32000	768000
UC-3525	3,5x25	12	1000	24000	576000
UC-3530	3,5x30	17	1000	16000	384000
UC-3535	3,5x35	22	1000	16000	384000
UC-3540	3,5x40	27	1000	12000	288000
UC-3545	3,5x45	32	500	8000	192000
UC-3550	3,5x50	37	500	6000	144000
UC-4016	4,0x16	1	1000	16000	384000
UC-4020	4,0x20	5	1000	24000	576000
UC-4025	4,0x25	10	1000	16000	384000
UC-4030	4,0x30	15	500	8000	192000
UC-4035	4,0x35	20	500	12000	288000
UC-4040	4,0x40	25	500	8000	192000
UC-4045	4,0x45	30	500	8000	192000
UC-4050	4,0x50	35	500	8000	144000
UC-4060	4,0x60	45	500	6000	144000

Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		pcs		
UC Chipboard screws with a countersunk head					
UC-4070*	4,0x70	55	250	4000	96000
UC-4080*	4,0x80	65	100	2400	76800
UC-4530	4,5x30	14	500	12000	288000
UC-4535	4,5x35	19	500	8000	192000
UC-4540	4,5x40	24	500	8000	192000
UC-4545	4,5x45	29	250	6000	144000
UC-4550	4,5x50	34	250	4000	96000
UC-4560	4,5x60	44	250	4000	96000
UC-4570*	4,5x70	54	250	3000	72000
UC-4580*	4,5x80	64	100	3200	76800
UC-5020	5,0x20	2	500	16000	384000
UC-5025	5,0x25	7	500	12000	288000
UC-5030	5,0x30	12	500	8000	192000
UC-5035	5,0x35	17	500	8000	192000
UC-5040	5,0x40	22	250	4000	96000
UC-5045	5,0x45	27	250	6000	144000
UC-5050	5,0x50	32	200	3200	76800
UC-5060	5,0x60	42	200	2400	57600
UC-5070*	5,0x70	52	200	2400	57600
UC-5080*	5,0x80	62	100	2400	38400
UC-5090*	5,0x90	72	100	2400	57600
UC-5100*	5,1x100	82	100	2400	38400
UC-5120*	5,1x120	102	100	1200	57600
UC-6030	6,0x30	9	200	6400	153600
UC-6040	6,0x40	19	200	4800	115200
UC-6050	6,0x50	29	200	3200	76800
UC-6060	6,0x60	39	200	2400	57600
UC-6070*	6,0x70	49	100	2400	57600
UC-6080*	6,0x80	59	100	2400	57600
UC-6090*	6,0x90	69	100	1200	28800
UC-6100*	6,1x100	79	100	1200	28800
UC-6110*	6,1x110	89	100	1200	28800
UC-6120*	6,1x120	99	100	1200	28800
UC-6140*	6,1x140	119	100	1200	28800
UC-6160*	6,1x160	139	100	1200	28800
UC-6180*	6,1x180	159	100	800	19200
UC-6200*	6,1x200	179	100	800	19200

*** partial thread**

Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		kg		
UCK Chipboard screws with a countersunk head					
UCK-3012	3,0x12	-	10	10	720
UCK-3016	3,0x16	4	10	10	360
UCK-3020	3,0x20	8	10	10	480
UCK-3025	3,0x25	13	10	10	480
UCK-3030	3,0x30	18	10	10	720
UCK-3035	3,0x35	23	10	10	720
UCK-3040	3,0x40	28	10	10	720
UCK-3516	3,5x16	3	10	10	480

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Index	Screw	Fixture	Quantity		
	Diameter x Length	Maximum thickness	Box	Outer	Pallet
	mm		kg		
UCK Chipboard screws with a countersunk head					
UCK-3520	3,5x20	7	10	10	480
UCK-3525	3,5x25	12	10	10	720
UCK-3530	3,5x30	17	10	10	600
UCK-3535	3,5x35	22	10	10	480
UCK-3540	3,5x40	27	10	10	720
UCK-3545	3,5x45	32	10	10	360
UCK-3550	3,5x50	37	10	10	360
UCK-4016	4,0x16	1	10	10	480
UCK-4020	4,0x20	5	10	10	720
UCK-4025	4,0x25	10	10	10	720
UCK-4030	4,0x30	15	10	10	720
UCK-4035	4,0x35	20	10	10	720
UCK-4040	4,0x40	25	10	10	480
UCK-4045	4,0x45	30	10	10	720
UCK-4050	4,0x50	35	10	10	720
UCK-4060	4,0x60	45	10	10	720
UCK-4070*	4,0x70	55	10	10	360
UCK-4520	4,5x20	6	10	10	360
UCK-4530	4,5x30	14	10	10	720
UCK-4535	4,5x35	19	10	10	720
UCK-4540	40x4,5	24	10	10	720
UCK-4545	4,5x45	29	10	10	720
UCK-4550	4,5x50	34	10	10	480
UCK-4560	4,5x60	44	10	10	360
UCK-4570*	4,5x70	54	10	10	720
UCK-4580*	4,5x80	64	10	10	720
UCK-5020	5,0x20	2	10	10	480
UCK-5025	5,0x25	7	10	10	440
UCK-5030	5,0x30	12	10	10	600
UCK-5035	5,0x35	17	10	10	480
UCK-5040	5,0x40	22	10	10	480
UCK-5045	5,0x45	27	10	10	480
UCK-5050	5,0x50	32	10	10	480
UCK-5060	5,0x60	42	10	10	480
UCK-5070*	5,0x70	52	10	10	360
UCK-5080*	5,0x80	62	10	10	360
UCK-5090*	5,0x90	72	10	10	720
UCK-5100*	5,1x100	82	10	10	360
UCK-6030	6,0x30	9	10	10	720
UCK-6040	6,0x40	19	10	10	480
UCK-6050	6,0x50	29	10	10	720
UCK-6060	60x6,0	39	10	10	480
UCK-6070*	70x6,0	49	10	10	480
UCK-6080*	6,0x80	59	10	10	360
UCK-6090*	6,0x90	69	10	10	480
UCK-6100*	6,1x100	79	10	10	360
UCK-6110*	6,1x110	89	10	10	720
UCK-6120*	6,1x120	99	10	10	360
UCK-6140*	6,1x140	119	10	10	600
UCK-6160*	6,1x160	139	10	10	360

*partial thread

PZ screwdriver bits

PZ-screwdriver bits in high-quality S2 steel with ACR system

Features and benefits

- High-quality S2 steel increases service life and enables the application of more screws
- Special design provides increased resistance to torsion
- Steel hardness of 56-62 HRC increases resistance to torsional forces during screwing and extends product life
- ACR system, the notched head of the blade, allows a better grip on the screw while working

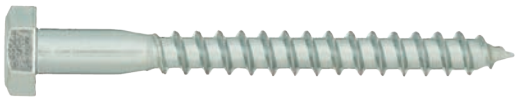
Applications

- For screwing in for wood and other fasteners with Pozidrive sockets
- For use In conjunction with the cordless screwdriver

Index	Size	Fastener	Quantity	
	Bit	Length	Box	Outer
	mm		pcs	
MN-15-312	PZ2	25	240	240

571 Hexagonal wood screws

Hexagon head wood screws in accordance with DIN 571



Features and benefits

- Hexagon head screws in accordance with DIN 571
- Manufactured from low-carbon steel with electrolytic zinc coating
- Threaded design for use in all types of wooden surfaces

Base materials

Approved for use in:

- Wood
- Oriented strand board

Applications

- Fastenings of structural elements made of wood
- Joining wooden elements
- Fastenings of beam joints

Approvals and Reports

- DIN 571

Index	Screw		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
571-06040-ZN	6	40	10	10	720
571-06050-ZN	6	50	10	10	720
571-06060-ZN	6	60	10	10	720
571-06070-ZN	6	70	10	10	720
571-06080-ZN	6	80	10	10	720

Index	Screw		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
571-06100-ZN	6	100	10	10	720
571-06120-ZN	6	120	10	10	720
571-08040-ZN	8	40	10	10	720
571-08050-ZN	8	50	10	10	720
571-08060-ZN	8	60	10	10	720
571-08070-ZN	8	70	10	10	720
571-08080-ZN	8	80	10	10	720
571-08100-ZN	8	100	10	10	720
571-08120-ZN	8	120	10	10	720
571-08140-ZN	8	140	10	10	720
571-08160-ZN	8	160	10	10	720
571-08180-ZN	8	180	10	10	720
571-08200-ZN	8	200	10	10	720
571-10050-ZN	10	50	10	10	720
571-10060-ZN	10	60	10	10	720
571-10080-ZN	10	80	10	10	720
571-10090-ZN	10	90	10	10	720
571-10100-ZN	10	100	10	10	720
571-10120-ZN	10	120	10	10	720
571-10140-ZN	10	140	10	10	720
571-10160-ZN	10	160	10	10	720
571-10180-ZN	10	180	10	10	720
571-10200-ZN	10	200	10	10	720
571-12100-ZN	12	100	10	10	720
571-12120-ZN	12	120	10	10	720
571-12140-ZN	12	140	10	10	720
571-12160-ZN	12	160	10	10	720
571-12180-ZN	12	180	10	10	720
571-12200-ZN	12	200	10	10	720
571-12240-ZN	12	240	10	10	720

WD Timber stud screw

Wood screws with additional metrical theread to fix elements

Features and benefits

- Low-carbon steel with white zinc coating
- Zinc electroplated min 6 µm for enhanced corrosion resistance
- Metric thread for easy fixing of components

Base materials

Approved for use in:

- Wood

Applications

- Lightweight mount elements for the substrate Wooden
- Thread fastening metric to the ground Wooden
- Temporary fixing

Index	Screw		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
WD-08080-ZN	7,3	80	250	1500	27000
WD-08100-ZN	7,3	100	200	1200	21000
WD-08120-ZN	7,3	120	150	900	14400
WD-10080-ZN	8,9	80	200	800	16800
WD-10100-ZN	8,9	100	150	600	12600
WD-10120-ZN	8,9	120	75	450	6300
WD-10140-ZN	8,9	140	75	450	14400

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SELF- DRILLING SCREWS

KOELNER

OC Self-drilling screw

Self-drilling screws for fixing of sheet metal to steel structures on facades or flat roof construction (drilling capacity: 3.0, 6.0, 8.0mm)

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm. The shape of the thread and its height is closely related to the intended use of self-drilling fixing into steel construction.
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Types of washers:
- A - aluminium
- T - steel
- OC 4.8 with washer 14
- OC 5.5 with washer 16
- OC 6.3 with washer 16 or 19
- OC 6.3 z podkładką 16 lub 19

Base materials

Approved for use in:

- Steel Profile
- Steel Sheet

Applications

- For fixing: Supporting and cladding metal sheet to steel structures on facades or flat roof construction

Approvals and Reports

- ETA-13/0203
- KOT-2018/0159
- UKTA-22/6370

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
Max. drilling capacity 3 mm						
OC-48016	4.8	16	-	250	4000	96000
OC-48016T	4.8	16	T14	250	4000	96000
OC-48016T + RAL	4.8	16	T14	250	4500	
OC-48019	4.8	19	-	250	4000	96000
OC-48019T	4.8	19	T14	250	4000	96000
OC-48019T + RAL	4.8	19	T14	250	4500	
OC-48022	4.8	22	-	250	4000	96000
OC-48022T	4.8	22	T14	250	4000	96000
OC-48022T + RAL	4.8	22	T14	250	4500	
OC-48025	4.8	25	-	250	4000	96000
OC-48025T	4.8	25	T14	250	4000	96000
OC-48025T + RAL	4.8	25	T14	250	4500	
OC-48032	4.8	32	-	250	3000	72000
OC-48032T	4.8	32	T14	250	3000	72000
OC-48032T + RAL	4.8	32	T14	250	3000	
OC-48035	4.8	35	-	250	3000	72000
OC-48035T	4.8	35	T14	250	3000	72000
OC-48035T + RAL	4.8	35	T14	250	3000	
OC-48038	4.8	38	-	250	3000	72000
OC-48038T	4.8	38	T14	250	3000	72000
OC-48038T + RAL	4.8	38	T14	250	3000	

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OC-48045	4.8	45	-	100	1600	38400
OC-48045T	4.8	45	T14	100	1600	38400
OC-48045T + RAL	4.8	45	T14	100	1800	
OC-48055	4.8	55	-	100	1600	38400
OC-48055T	4.8	55	T14	100	1600	38400
OC-48055T + RAL	4.8	55	T14	100	1800	
Max. drilling capacity 6 mm						
OC-55022	5.5	22	-	200	3200	76800
OC-55022T	5.5	22	T14	200	3200	76800
OC-55022A + RAL	5.5	22	A14	200	3600	
OC-55022T + RAL	5.5	22	T14	200	3600	
OC-55025	5.5	25	-	200	3200	76800
OC-55025T	5.5	25	T14	200	3200	76800
OC-55025A + RAL	5.5	25	A14	200	3600	
OC-55025T + RAL	5.5	25	T14	200	3600	
OC-55032	5.5	32	-	100	1600	38400
OC-55032T	5.5	32	T14	100	1600	38400
OC-55032A + RAL	5.5	32	A14	100	1800	
OC-55032T + RAL	5.5	32	T14	100	1800	
OC-55038	5.5	38	-	100	1600	38400
OC-55038T	5.5	38	T14	100	1600	38400
OC-55038A + RAL	5.5	38	A14	100	1800	
OC-55038T + RAL	5.5	38	T14	100	1800	
OC-55045	5.5	45	-	100	1600	38400
OC-55045T	5.5	45	T14	100	1600	38400
OC-55055	5.5	55	-	100	1600	38400
OC-55055T	5.5	55	T14	100	1600	38400
OC-55055A + RAL	5.5	55	A14	100	1800	
OC-55055T + RAL	5.5	55	T14	100	1800	
Max. drilling capacity 6 mm						
OC-55075	5.5	75	-	100	1200	28800
OC-55075T	5.5	75	T14	100	1200	28800
OC-55075T + RAL	5.5	75	T14	100	1200	
OC-55090	5.5	90	-	100	1200	28800
OC-55090T	5.5	90	T14	100	1200	28800
OC-55090T + RAL	5.5	90	T14	100	1200	
OC-55120	5.5	120	-	100	1200	28800
OC-55120T	5.5	120	T14	100	1200	28800
OC-55120T + RAL	5.5	120	T14	100	1200	
Max. drilling capacity 8 mm						
OC-63019	6.3	19	-	200	3200	76800
OC-63019T19	6.3	19	T19	200	3200	76800
OC-63022	6.3	22	-	200	3200	76800
OC-63022T19	6.3	22	T19	200	3200	76800
OC-63022T19+RAL	6.3	22	T19	200	3600	
OC-63025	6.3	25	-	200	3200	76800
OC-63025T19	6.3	25	T19	200	3200	76800
OC-63025T19+RAL	6.3	25	T19	200	3600	
OC-63032	6.3	32	-	200	2400	57600
OC-63032T19	6.3	32	T19	200	2400	57600
OC-63032T19 + RAL	6.3	32	T19	200	2400	
OC-63038	6.3	38	-	200	2400	57600
OC-63038T19 + RAL	6.3	38	T19	200	2400	
OC-63045	6.3	45	-	100	1200	28800
OC-63055	6.3	55	-	100	1200	28800

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OC-63055T19	6.3	55	T19	100	1200	28800
OC-63055T19+RAL	6.3	55	T19	100	1800	
OC-63075	6.3	75	-	100	1200	28800
OC-63075T19	6.3	75	T19	100	1200	28800
OC-63090	6.3	90	-	100	1200	28800
OC-63090T19	6.3	90	T19	100	1200	28800
OC-63120	6.3	120	-	100	1200	28800
OC-63120T19	6.3	120	T19	100	1200	28800

OCS Stainless steel self-drilling screw

Self-drilling screws for fixing load-bearing and curtain sheets to roof and façade structures (drillability: 6 mm)

Features and benefits

- Stainless steel self-drilling screw made with BIMETAL
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm. The shape of the thread and its height is closely related to the intended use of self drilling fixing into steel construction.
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal
- OCS with EPDM S16 self-amalgamating sealing washer

Base materials

Approved for use in:

- Steel Profile
- Steel Sheet

Applications

- For fixing: Supporting and cladding metal sheet to steel structures on facades or roof construction

Approvals and Reports

- ETA-10/0183
- UKTA-22/6336

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OCS-55025	5.5	25	-	200	3200	76800
OCS-55025S14	5.5	25	S14	200	3200	76800
OCS-55025S16	5.5	25	S16	200	3200	76800
OCS-55030	5.5	30	-	200	3200	76800
OCS-55030S14	5.5	30	S14	200	3200	76800
OCS-55030S16	5.5	30	S16	200	3200	76800
OCS-55035	5.5	35	-	200	3200	76800
OCS-55035S14	5.5	35	S14	200	3200	76800
OCS-55035S16	5.5	35	S16	200	3200	76800
OCS-55050	5.5	50	-	100	1600	38400
OCS-55050S14	5.5	50	S14	100	1600	38400
OCS-55050S16	5.5	50	S16	100	1600	38400
OCS-55070	5.5	70	-	100	1200	28800
OCS-55070S14	5.5	70	S14	100	1200	38400

OCW Self-drilling screw

Self-drilling screws for overlapping sheet connection (drilling capacity 2.5mm)

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12µm

Types of washers:
- A - aluminium
- T - steel

Base materials

Approved for use in:

- Steel Sheet
- Steel Profile

Applications

- Overlapping sheet connection

Approvals and Reports

- ETA-13/0203
- KOT-2018/0159
- UKTA-22/6370

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OCW-48016	4.8	16	-	250	4000	96000
OCW-48016A + RAL	4.8	16	A14	250	4500	
OCW-48016T	4.8	16	T14	250	4000	96000
OCW-48016T+ RAL	4.8	16	T14	250	4500	
OCW-48019	4.8	19	-	250	4000	96000
OCW-48019A + RAL	4.8	19	A14	250	4500	
OCW-48019T	4.8	19	T14	250	4000	96000
OCW-48019T + RAL	4.8	19	T14	250	4500	

OCWS Stainless steel self-drilling screw

Stainless steel self-drilling screws for overlapping sheet connection (drilling capacity 2.5mm)

Features and benefits

- Stainless steel self-drilling screw made with BIMETAL
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12µm

Base materials

Approved for use in:

- Steel Profile
- Steel Sheet

Applications

- Overlapping sheet connection

Approvals and Reports

- ETA-10/0183
- UKTA-22/6336

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OCWS-48019	4.8	19	-	250	4000	96000
OCWS-48019S14	4.8	19	S14	250	4000	96000
OCWS-48019S16	4.8	19	S16	250	4000	96000
OCWS-55025	5.5	25	-	200	3200	76800
OCWS-55025S14	5.5	25	S14	200	3200	76800
OCWS-55025S16	5.5	25	S16	200	3200	76800
OCWS-55025S19	5.5	25	S19	200	3200	76800

ODX Self-drilling screw for wood

Self-drilling screws Torx 20 for timber (drilling capacity 2,5 mm)

Features and benefits

- A special kind of Countersunk Oval head type provides the fixing with an aesthetic appearance while maintaining the tightness of connections
- Torx 20 socket head enables efficient installation in a wide range of holes using a dedicated adapter
- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread with a shape and type of thread designed specifically for use in wood construction. Corrosion resistant zinc coating has a thickness of no less than 12µm
- The drill point is designed to provide a fast and hassle-free installation in wood up to 2.5 mm maximum. Sharp point of the drill prevents movement of the surface of the fixture
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Construction wood
- Steel Sheet

Applications

- Profiled sheet, module plates to wood constructions

Approvals and Reports

- ETA-13/0203
- UKTA-22/6370

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
ODX-48035A	4.8	35	-	250	3000	72000
ODX-48035A + RAL	4.8	35	-	250	3000	

Bit holder with 2 magnets

Handle with 2 magnets for accurate screw guidance

Features and benefits

- Adapter ring and thread allows to tighten the screws to a set depth
- Additional magnet on the ring makes it easier to screw in hard-to-reach places and prevents rapid wear of the bits
- Internal strong magnet holds the tip well and positions the screw during operation
- 1/4" drive allows use in most drills and screwdrivers

Applications

- For holding bits and stabilise screw during screwing
- Designed for use with drill screwdriver

Index	Size		Quantity	
	Bit	Length	Box	Outer
	mm		pcs	
MN-16-208	1/4"-6,35	60	24	240
MN-16-008	1/4"	45	20	400

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OD Self-drilling screw for timber

Self-drilling screws for timber structures (drilling capacity 2.5mm)

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12µm. Shape and type of thread designed specifically for use in wood construction
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal
- The self-drilling end of the screw behind the reduced width allows effective drilling into steel up to a maximum of 2.5 mm and prevents the hole from being recalibrated in the substrate

Base materials

Approved for use in:

- Wood
- Steel sheet

Applications

- Profiled sheets to wood constructions

Approvals and Reports

- ETA-13/0203
- KOT-2018/0159
- UKTA-22/6370

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OD - steel screws						
OD-48028	4.8	28	-	250	4000	96000
OD-48028A	4.8	28	A14	250	4000	96000
OD-48028A + RAL	4.8	28	A14	250	4500	
OD-48028T	4.8	28	T14	250	4000	96000
OD-48028T + RAL	4.8	28	T14	250	4500	
OD-48035	4.8	35	-	250	3000	96000
OD-48035A	4.8	35	A14	250	3000	96000
OD-48035A + RAL	4.8	35	A14	250	3000	
OD-48035T	4.8	35	T14	250	3000	96000
OD-48035T + RAL	4.8	35	T14	250	3000	
OD-48055	4.8	55	-	100	1600	38400
OD-48055A	4.8	55	A14	100	1600	38400
OD-48055A + RAL	4.8	55	A14	100	1800	
OD-48055T	4.8	55	T14	100	1600	38400
OD-48055T + RAL	4.8	55	T14	100	1800	
ODA - aluminium screws						
ODA-55035A	5.5	35	A14	250	3000	96000
ODA-55035A+RAL	5.5	35	A14	250	3000	

ODWS Stainless steel self-drilling screw for wood

Stainless steel self-drilling screws for wooden construction (drillability 6.0 mm)

Features and benefits

- Stainless steel self-drilling screw made with BIMETAL
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating has a thickness of no less than 12 µm Shape and type of thread designed specifically for use in wood construction
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal
- Self-amalgamating sealant washer EPDM S16

Base materials

Approved for use in:

- Wood
- Steel sheet

Applications

- Profiled sheet to wood and aluminium
- Composite panels to wood and aluminium

Approvals and Reports

- ETA-10/0183
- UKTA-22/6336

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
ODWS-65065	6.5	65	-	100	1200	28800
ODWS-65065S19	6.5	65	S19	100	1200	28800
ODWS-65065S22	6.5	65	S22	100	1200	28800
ODWS-65100	6.5	100	-	100	1200	28800
ODWS-65100S19	6.5	100	S19	100	1200	28800
ODWS-65100S22	6.5	100	S22	100	1200	28800
ODWS-65120	6.5	120	-	100	1200	28800
ODWS-65120S19	6.5	120	S19	100	1200	28800
ODWS-65120S22	6.5	120	S22	100	1200	28800
ODWS-65140	6.5	140	-	100	800	19200
ODWS-65140S19	6.5	140	S19	100	800	19200
ODWS-65140S22	6.5	140	S22	100	800	19200
ODWS-65160	6.5	160	-	100	800	19200
ODWS-65160S19	6.5	160	S19	100	800	19200
ODWS-65160S22	6.5	160	S22	100	800	19200

ON Self-drilling screw

Self-drilling screws for fixing of sheet metal to steel structures on facades or flat roof construction (drilling capacity 12.0 mm) with ø16 washer

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm. The shape of the thread and its height is closely related to the intended use of self-drilling fixing into steel construction
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Steel profile

Applications

- Supporting and cladding metal sheet to steel structures on facade or flat roof construction

Approvals and Reports

- ETA-13/0203
- KOT-2018/0159
- UKTA-22/6370

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
ON-55032	5.5	32	-	100	1600	38400
ON-55032A+RAL	5.5	32	A14	100	1800	
ON-55032T	5.5	32	T14	100	1600	38400
ON-55032T+RAL	5.5	32	T14	100	1800	
ON-55038	5.5	38	-	100	1600	38400
ON-55038A+RAL	5.5	38	A14	100	1800	
ON-55038T	5.5	38	T14	100	1600	38400
ON-55038T+RAL	5.5	38	T14	100	1800	
ON-55050T	5.5	50	T14	100	1600	38400

ONP Self-drilling screw

Self drilling screws for fixing of sheet metal to steel structures on facades or flat roof construction. Fixings Fixed elements of steel construction (drilling capacity 12,0 mm) with ø16 washer

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm. The shape of the thread and its height is closely related to the intended use of self drilling fixing into steel construction
- The drill bit is designed to provide quick and trouble-free installation in the steel. Sharp point of the drill prevents movement of the surface of the fixture

Base materials

Approved for use in:

- Steel profile

Applications

- Load-bearing and curtain sheets for roof and façade structures
- Elements of steel structure

Approvals and Reports

- ETA-13/0203
- KOT-2018/0159
- UKTA-22/6370

Index	Screw		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
ONP-55032	5.5	32	100	1600	38400
ONP-55038	5.5	38	100	1600	38400

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ONS Stainless steel self-drilling screw

Stainless steel self-drilling screws for fixing load-bearing and curtain sheets to roof and façade structures (drillability 12.0 mm) with washer ø16

Features and benefits

- Stainless steel self-drilling screw made with BIMETAL
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm. The shape of the thread and its height is closely related to the intended use of self-drilling fixing into steel construction
- Self-vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Steel profile

Applications

- Supporting and cladding metal sheet to steel structures on facades or flat roof construction

Approvals and Reports

- ETA-10/0183
- UKTA-22/6336

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
ONS-55040	5.5	40	-	100	1600	38400
ONS-55040S14	5.5	40	S14	100	1600	51200
ONS-55040S16	5.5	40	S16	100	1600	51200
ONS-55040S19	5.5	40	S19	100	1600	38400
ONS-55040S22	5.5	40	S22	100	1600	38400

OC-55/63 Self-drilling screw for composite panels max 6mm

Self-drilling screws for fixing composite panels to steel structure (drillability 6.0 mm) with washer ø16, 19

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm
- The shape of the thread and its height is designed for applications into sandwich panels and steel construction

Types of washers:
- A - aluminium
- T - steel

Base materials

Approved for use in:

- Steel profile

Applications

- Composite panels to cold formed sections structures

Approvals and Reports

- ETA-13/0453
- UKTA-22/6409

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
OC-55/63080A19	5.5/6.3	80	A19	100	0,8	19,2
OC-55/63080A19 + RAL	5.5/6.3	80	A19	100	800	
OC-55/63080T19 + RAL	5.5/6.3	80	T19	100	800	
OC-55/63100A19 + RAL	5.5/6.3	100	A19	100	800	
OC-55/63100T19 + RAL	5.5/6.3	100	T19	100	800	
OC-55/63120A19	5.5/6.3	120	A19	100	0,8	19,2
OC-55/63120A19 + RAL	5.5/6.3	120	A19	100	800	
OC-55/63120T19 + RAL	5.5/6.3	120	T19	100	800	
OC-55/63130A19	5.5/6.3	130	A19	100	0,8	19,2
OC-55/63130A19 + RAL	5.5/6.3	130	A19	100	800	
OC-55/63130T19 + RAL	5.5/6.3	130	T19	100	800	
OC-55/63150A19	5.5/6.3	150	A19	100	0,8	19,2
OC-55/63150A19 + RAL	5.5/6.3	150	A19	100	800	
OC-55/63150T19 + RAL	5.5/6.3	150	T19	100	800	
OC-55/63160A19	5.5/6.3	160	A19	100	0,8	19,2
OC-55/63160A19 + RAL	5.5/6.3	160	A19	100	800	
OC-55/63160T19	5.5/6.3	160	T19	100	0,8	19,2
OC-55/63160T19 + RAL	5.5/6.3	160	T19	100	800	
OC-55/63180A19	5.5/6.3	180	A19	100	0,8	19,2
OC-55/63180A19 + RAL	5.5/6.3	180	A19	100	800	
OC-55/63180T19 + RAL	5.5/6.3	180	T19	100	800	
OC-55/63210A19	5.5/6.3	210	A19	100	0,8	19,2
OC-55/63210A19 + RAL	5.5/6.3	210	A19	100	800	
OC-55/63210T19 + RAL	5.5/6.3	210	T19	100	800	
OC-55/63230A19	5.5/6.3	230	A19	100	0,8	19,2
OC-55/63230A19 + RAL	5.5/6.3	230	A19	100	800	
OC-55/63230T19 + RAL	5.5/6.3	230	T19	100	800	
OC-55/63280A19	5.5/6.3	280	A19	100	100	11,2
OC-55/63280A19 +RAL	5.5/6.3	280	A19	100	800	
OC-55/63280T19	5.5/6.3	280	T19	100	100	11,2
OC-55/63280T19+RAL	5.5/6.3	280	T19	100	800	

ON-55/63 Self-drilling screw for composite panels max 12mm

Self-drilling screws for fixing composite panels to steel structure (drillability 12.0 mm) with washer ø16, 19

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm
- The shape of the thread and its height is designed for applications into sandwich panels and steel construction

Base materials

Approved for use in:

- Steel profile

Applications

- Composite panels to steel sections

Approvals and Reports

- ETA-13/0453
- UKTA-22/6409

According to the RAL colours

Index	Screw			Quantity		
	Diameter	Length	Washer size	Box	Outer	Pallet
	mm			pcs		
ON-55/63080A19	5.5/6.3	80	A19	100	0,8	19,2
ON-55/63080A19 + RAL	5.5/6.3	80	A19	100	800	
ON-55/63100A19	5.5/6.3	100	A19	100	0,8	19,2
ON-55/63100A19 + RAL	5.5/6.3	100	A19	100	800	
ON-55/63110T19	5.5/6.3	110	T19	100	800	
ON-55/63110T19 + RAL	5.5/6.3	110	T19	100	0,8	19,2
ON-55/63130A19	5.5/6.3	130	A19	100	800	
ON-55/63130A19 + RAL	5.5/6.3	130	A19	100	800	
ON-55/63150A19	5.5/6.3	150	A19	100	0,8	19,2
ON-55/63150A19 + RAL	5.5/6.3	150	A19	100	800	
ON-55/63160A19	5.5/6.3	160	A19	100	0,8	19,2
ON-55/63160A19 + RAL	5.5/6.3	160	A19	100	800	
ON-55/63160T19 + RAL	5.5/6.3	160	T19	100	800	
ON-55/63180T19 + RAL	5.5/6.3	180	T19	100	800	
ON-55/63210T19 + RAL	5.5/6.3	210	T19	100	800	
ON-55/63235A19	5.5/6.3	235	A19	100	0,8	19,2
ON-55/63235A19 + RAL	5.5/6.3	235	A19	100	800	
ON-55/63280A19	5.5/6.3	280	A19	100	100	11,2
ON-55/63280A19 + RAL	5.5/6.3	280	A19	100	800	
ON-55/63280T19 + RAL	5.5/6.3	280	T19	100	800	

ONS-55/63 Stainless steel self-drilling screw for composite panels max 12mm

Stainless steel self-drilling screws for fixing load-bearing and curtain sheets to roof and façade structures (drillability 12.0 mm)

Features and benefits

- Stainless steel self-drilling screw made with BIMETAL
- Hardened surface of the thread (flexible core). Corrosion resistant zinc coating of thickness not less than 12 µm
- The shape of the thread and its height is designed for applications into sandwich panels and steel construction

Base materials

Approved for use in:

- Steel profile

Applications

- Composite panels to steel constructions

Approvals and Reports

- ETA-13/0453
- UKTA-22/6409

Index	Screw			Quantity	
	Diameter	Length	Washer size	Box	Outer
	mm			pcs	
ONS-55/63075S22	5.5/6.3	75	S22	100	800
ONS-55/63095S22	5.5/6.3	95	S22	100	800
ONS-55/63115S22	5.5/6.3	115	S22	100	800
ONS-55/63135S16	5.5/6.3	135	S16	100	800
ONS-55/63135S22	5.5/6.3	135	S22	100	800

PEA Bonded washer for self-drilling screws

Aluminium washer with EPDM

Features and benefits

- Self-vulcanizing EPDM washer
- Temperature and UV resistant
- The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Steel Profiles

Applications

- Sealing connection made of with selfdrilling screws

Index	Aluminium washer		Quantity	
	Size	Hole diameter	Box	Outer
	mm		pcs	
PEA-14	14	6.0	100	4800
PEA-19	19	6.8	100	4800

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PET Bonded washer for self-drilling screws

Steel washer with EPDM

Features and benefits

- Self-vulcanizing EPDM washer
- Temperature and UV resistant
- The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Steel profiles

Applications

- Sealing connection made with selfdrilling screws

Index	Size		Quantity		
	Hole diameter	Size	Box	Outer	Pallet
	mm		pcs		
PET-14	6.0	14	100	15000	360000
PET-19	6.8	19	100	10000	240000

PES Bonded washer for self-drilling screws

Stainless steel washer with EPDM

Features and benefits

- Self-vulcanizing EPDM washer
- Temperature and UV resistant
- The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal

Base materials

Approved for use in:

- Steel Sheet

Applications

- • Sealing connection made with selfdrilling screws

Index	Hole diameter	Size	Quantity		
			Box	Outer	Pallet
	mm	mm	pcs		
PES-14	6.0	14	100	15000	360000
PES-16	6.8	16	100	12000	288000

Magnetic sockets with 1/4" drive hexagon M8

Hexagon sockets with 1/4" drive and internal magnet for easy screw holding

Features and benefits

- High-quality steel increases service life and allows more screws to be applied
- Strong internal magnet holds screws during assembly
- Socket length of 45 mm facilitates fastener application
- 1/4" drive allows use with most drills and screwdrivers
- Steel hardness of 56-62 HRC increases resistance to torsional forces during screwing and extends product life

Applications

- For screwdriving screws and self-drilling screws with hexagonal head
- Suitable for use in combination with cordless drill screwdriver

Index	Size			Quantity	
	Bit	Length	Holder size	Box	Outer
	mm			pcs	
MN-16-008	8	45	1/4"-6,35	20	400
MN-16-008B*	8	45	1/4"-6,35	24	240

*produkt w opakowaniu blistrowym

USZ-TAS Self-adhesive polyurethane sealing insulation tape

Self-adhesive polyurethane sealing insulation tapes

Features and benefits

- Good adhesion to the substrate.
- Resistant to different weather conditions and UV radiation

Base materials

Approved for use in:

- Steel profiles
- Steel Sheet

Applications

- Sealing and insulating joints of steel structures, metal sheets profiled sheeting, cassettes facade cassettes and panels composite panels

Index	Tape		Quantity		
	Thickness	Length	Box	Outer	Pallet
	mm	mb	pcs		
USZ-TAS-10/2	2	240	1200	1200	14400
USZ-TAS-10/3	2	200	1000	1000	12000
USZ-TAS-10/4	4	160	800	800	9600
USZ-TAS-20/3	3	180	540	540	6480
USZ-TAS-20/5	5	120	360	360	4320
USZ-TAS-30/2	2	160	480	480	5760
USZ-TAS-30/3	3	120	360	360	4320
USZ-TAS-30/5	5	80	240	240	2880
USZ-TAS-40/2	2	200	400	400	4800
USZ-TAS-40/3	3	90	270	270	3240
USZ-TAS-40/4	4	40	200	200	2400
USZ-TAS-50/3	3	60	240	240	2880
USZ-TAS-50/6	6	30	120	120	1440

ALF Closed-end waterproof aluminium blind rivet

Closed-end waterproof aluminium blind rivets

Features and benefits

- Coloured polyester protective coating with a thickness of 45-50 µm (RAL, NCS, RR), provides additional protection against corrosion
- Various colours available to suit all metal sheet variants
- UV stabilizers ensure colour quality over a long period of use

Base materials

Approved for use in:

- Steel Sheet
- Steel profiles

Applications

- Rivet for mounting metal plates to each other or attaching into a light steel construction

According to the RAL colours

Index	Nit		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		pcs		
ALF-4008+RAL	4.0	8.0	500	9000	
ALF-4095	4.0	9.5	500	8000	192000
ALF-4095+RAL	4.0	9.5	500	9000	
ALF-4895	4.8	9.5	500	8000	192000
ALF-4895+RAL	4.8	9.5	500	9000	
ALF-4812	4.8	12	500	8000	192000
ALF-4812+RAL	4.8	12	500	9000	

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WOOD CONNECTORS

D-KB Unequal-leg angle bracket

Unequal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.5 mm, 4.0 mm, 5.0 mm
- Zinc electroplated for enhanced corrosion resistance
- Profiled mounting holes

Base materials

Approved for use in:

- Wood
- Structural wood

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:
B - arm width
H - arm length
L - arm length

Index	Connector dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-KB-1050	50	100	50	30*	30*	2880
D-KB-1075	30	100	75	70*	70*	7560
D-KB-1280	35	120	80	30*	30*	510
D-KB-1812	40	180	120	15*	15*	1500

* Products in the gravity fed display box

D-KF Perforated equal-leg angle bracket

Equal-leg angle brackets for connecting of wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Timber
- Construction timber

Also Suitable for use in:

- Chipboard

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:
B - arm width
H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-KF-4410	40x40	100	50*	50*	6250
D-KF-444	40x40	40	140*	140*	15120
D-KF-446	40x40	60	90*	90*	9720
D-KF-448	40x40	80	80*	80*	8640
D-KF-664	60x60	40	100*	100*	8400
D-KF-665	60x60	50	50*	50*	7500
D-KF-666	60x60	60	60*	60*	6480
D-KF-668	60x60	80	50*	50*	4500
D-KF-884	80x80	40	70*	70*	7560
D-KF-886	80x80	60	50*	50*	6000
D-KF-888	80x80	80	35*	35*	3780
D-KF-114	100x100	40	50	50	4500
D-KF-116	100x100	60	40*	40*	3000
D-KF-118	100x100	80	30*	30*	3000
D-KF-1110	100x100	100	20*	20*	2160
D-KF-1114	100x100	140	20	20	1500

* Products in the gravity fed display box

D-KN L-Shaped strap ties

Shaped strap ties for connecting of wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm, 2.5 mm, 3 mm, 4 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Pergolas, bowers, sheds
- The reinforcement of various types

Dimension designation:
B - arm width
H - arm length
L - arm length

Index	Dimensions		Quantity		
	B	LxL	Box	Outer	Pallet
	mm		pcs		
D-KN-50	10	50x50	500*	500*	27000
D-KN-60	10	60x60	450*	450*	48600
D-KN-75	17	75x75	350*	350*	36000
D-KN-100	19	100x100	50	50	18000
D-KN-150	25	150x150	50	50	27000
D-KN-200	31	200x200	50	50	3000
D-KN-250	31	250x250	25	25	4500
D-KN-300	41	300x300	10	10	400

* Products in the gravity fed display box

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D-MI Equal-leg angle bracket - light

Equal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance
- Profiled mounting holes

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-MI-2215	25x20	15	600*	600*	32400
D-MI-3315	30x30	15	500*	500*	48000
D-MI-4415	40x40	15	350*	350*	31500
D-MI-5515	50x50	15	250*	250*	24000
D-MI-6620	60x60	20	200*	200*	21000
D-MI-8820	80x80	20	150*	150*	16200
D-MI-1120	100x100	20	120*	120*	12960

D-MK Equal-leg angle bracket - heavy

Equal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 5.0 mm
- Versatile heavy duty reinforcements
- Profiled mounting holes

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Plywood
- Chipboard

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-MK-085	80×80	20	60*	60*	6480
D-MK-105	100×100	20	50*	50*	5400
D-MK-125	120×120	20	20	20	3600
D-MK-145	140×140	20	20	20	1440
D-MK-165	160×160	20	20	20	1440
D-MK-185	180×180	20	20	20	1440

* Products in the gravity fed display box

D-KP Perforated equal-leg angle bracket

Equal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.5 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-KP-444	40x40	40	120*	120*	12960
D-KP-446	40x40	60	70*	70*	7560
D-KP-448	40x40	80	60*	60*	6480
D-KP-6610	60x60	100	30*	30*	3240
D-KP-664	60x60	40	80*	80*	8640
D-KP-665	60x60	50	40*	40*	6000
D-KP-666	60x60	60	50*	50*	7250
D-KP-668	60x60	80	40*	40*	4000
D-KP-8810	80x80	100	20*	20*	2160
D-KP-884	80x80	40	60*	60*	5750
D-KP-886	80x80	60	40*	40*	4320
D-KP-888	80x80	80	30*	30*	3240
D-KP-114	100x100	40	40*	40*	4320
D-KP-116	100x100	60	30*	30*	3240
D-KP-118	100x100	80	20*	20*	2250
D-KP-1110	100x100	100	20*	20*	2160

* Products in the gravity fed display box

D-MS Equal-legngth angle bracket - wide type

Equal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance
- Profiled mounting holes

Base materials

Approved for use in:

- Timber
- Construction timber
- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Versatile utility reinforcements
- Shelving reinforcement
- Pergolas, bowers, sheds
- Reinforcement of various types

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-MS-333	30x30	30	250*	250*	13500
D-MS-444	40x40	40	140*	140*	15120
D-MS-666	60x60	60	60*	60*	9000

* Products in the gravity fed display box

D-ZKR Adjustable angle bracket

Adjustable angle bracket for flexible connecting of wooden construction elements

Features and benefits

- Connection of wooden construction elements
- The slot in the connector enables flexible positioning around the anchor bolt
- Steel sheet thickness: 2.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Alignment control between a roof truss and nonbearing walls
- Flexible position wood elements fastening
- Wooden constructions
- Wood boards
- Pergolas, bowers, sheds
- Wooden decks

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - arm width
H - arm length
L - arm length

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-ZKR-646	60	60	40	70*	70*	7560
D-ZKR-862	20	80	65	180*	180*	9720

* Products in the gravity fed display box

D-ZK Equal-leg angle bracket

Equal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.5 mm, 3.0 mm
- Zinc electroplated for enhanced corrosion resistance
- Can be fastened with mechanical and bonded anchors

Base materials

Approved for use in:

- Timber
- Construction timber

Also Suitable for use in:

- Plywood
- Chipboard

Applications

- Wooden constructions
- Wooden fences
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-ZK-553	50x50	35	100*	100*	10800
D-ZK-60	60x60	45	70*	70*	7560
D-ZK-70	70x70	55	50*	50*	5400
D-ZK-994	90x90	40	50*	50*	6000
D-ZK-90	90x90	65	30*	30*	3240
D-ZK-105	105x105	90	20*	20*	2160

* Products in the gravity fed display box

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D-ZK-WZ Reinforced equal-leg angle bracket

Reinforced Equal-leg Angle Bracket for wooden constructions

Features and benefits

- Connection of wooden construction elements
- The slot in the connector enables flexible positioning around the anchor bolt
- Steel sheet thickness: 2.5 mm ; 3,0 mm
- Can be fastened with mechanical and bonded anchors

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Versatile utility reinforcements
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
Sheet thickness: 2,5 mm;					
D-ZK-70-WZ	70x70	55	50*	50*	5400
D-ZK-90-WZ	90x90	65	30*	30*	3240
D-ZK-105-WZ	105x105	90	20*	20*	2160
D-ZK-140-WZ	140x140	65	20	20	2000
D-ZK-145-WZ	145x145	90	20	20	1960
Sheet thickness : 2,0 mm ; without ETA					
D-ZK-70-WZ/2	70x70	55	60*	60*	6480
D-ZK-90-WZ/2	90x90	65	30*	30*	3240
D-ZK-105WZ/2	105x105	90	20*	20*	2160

* Products in the gravity fed display box

D-ZK-WZ Reinforced Unequal-leg angle bracket

Reinforced Unequal-leg Angle Bracket for solid wooden constructions

Features and benefits

- Connection of wooden construction elements
- The slot in the connector enables flexible positioning around the anchor bolt
- Steel sheet thickness: 2.5 mm ; 3,0 mm
- Can be fastened with mechanical and bonded anchors

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Versatile utility reinforcements
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - arm width
H - arm length
L - arm length

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
Sheet thickness : 2,5 mm						
D-ZK-1719-WZ	90	105	172	20	20	1600

* Products in the gravity fed display box

D-ZN Unequal-leg angle bracket

Unequal-leg angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.5 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Wooden decks
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - arm width
H - arm length
L - arm length

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-ZN-4124	40	40	120	50*	50*	5400
D-ZN-4164	40	40	160	40*	40*	4320
D-ZN-4904	40	40	90	70*	70*	7560
D-ZN-5905	50	50	90	50*	50*	5400
D-ZN-6356	60	60	35	60*	60*	6480
D-ZN-6906	60	60	90	40*	40*	400
D-ZN-8604	40	80	60	60*	60*	7200

* Products in the gravity fed display box

D-ZU Universal angle bracket

Universal angle bracket for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Wooden decks
- Window ledge supports
- Shelving reinforcement
- Counter brackets
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-ZU-3325	30x30	25	300*	300*	32400
D-ZU-4425	40x40	25	230*	230*	24840
D-ZU-5525	50x50	25	190*	190*	20520
D-ZU-5530	50x50	30	160*	160*	17280
D-ZU-5730	50x50	30	130*	130*	14040
D-ZU-6625	60x60	25	150*	150*	16200

* Products in the gravity fed display box

D-BP Coiled strapping

Universal perforated tape for fixing elements of wood construction elements

Features and benefits

- Strapping of wood construction elements
- Various nail slots patterns for versatile installation
- Can be cut to required length on the construction site

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Strapping of wood construction elements
- Wooden roof constructions
- Pergolas, bowers, sheds
- Versatile utility strapping
- Wooden swings

EN 14545

Index	Dimensions		Quantity		
	Width	Length in roll	Box	Outer	Pallet
	mm	m	pcs		
Thickness: 0.8 mm					
D-BP-1210D	12	10	1	1	600
D-BP-2010C	17	10	1	1	800
D-BP-2025C	17	25	1	1	150
D-BP-2525D	25	25	1	1	60
Thickness: 1.5 mm					
D-BP-2010B	20	10	1	1	360
D-BP-2025B	20	25	1	1	30
Thickness: 2.0 mm					
D-BP-2525A	25	25	1	1	30
D-BP-4010A	40	10	1	1	80
D-BP-4025A	40	25	1	1	60
D-BP-4050A	40	50	1	1	30

D-WB Joist hanger

Universal support beams for fastening wooden structures elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Wooden constructions
- Purlin connections
- Wooden roof constructions
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - width of spacing
H - arm length

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Index	Dimensions		Quantity		
	B	H	Box	Outer	Pallet
	mm		pcs		
D-WB-411	40	110	50	50	900
D-WB-510	50	105	50	50	1200
D-WB-516	50	165	40	40	960
D-WB-610	60	100	20	20	800
D-WB-613	60	130	40	40	960
D-WB-712	70	125	20	20	720
D-WB-812	80	120	20	20	720
D-WB-815	80	150	25	25	600
D-WB-818	80	180	25	25	600
D-WB-914	90	145	25	25	600
D-WB-1014	100	140	25	25	600
D-WB-1020	100	200	20	20	480

D-WC Joist hanger with concealed flanges

Universal support beams for fastening wooden structures

Features and benefits

- Connection of wooden construction elements
- Concealed flanges for convenient installation
- Wider bores allow fastening using durable anchors

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Concrete

Applications

- Wooden constructions
- Wooden roof constructions
- Purlin connections
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - width of spacing
H - arm length

Index	Dimensions		Quantity		
	B	H	Box	Outer	Pallet
	mm		pcs		
D-WC-411	40	110	50	50	1200
D-WC-510	50	105	25	25	600
D-WC-815	80	150	25	25	750

D-WD Two-piece joist hanger

Universal split joist bracket for fastening wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Wider bores allow fastening using durable anchors
- Two-piece connector for convenient application in wider dimensional range of fixed elements

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Concrete

Applications

- Wooden constructions
- Wooden roof constructions
- Purlin connections
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - width of spacing
H - arm length

Index	Dimensions		Quantity		
	B	H	Box	Outer	Pallet
	mm		pcs		
D-WD-310	30	100	25	25	800
D-WD-312	30	120	25	25	800
D-WD-315	30	150	25	25	1000

D-T T-shaped flat connector

T-shaped flat connector connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Profiled mounting holes
- Steel sheet thickness: 2.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Wooden roof constructions
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- PN-EN 14545: 2011

Dimension designation:

B - arm width
H - connector length
L - connector width

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-T-7050	16	50	70	250*	250*	13500

* Products in the gravity fed display box

D-LP Flat connector

Flat connector for connecting wooden construction elements

Features and benefits

- Connection of wooden contruction elements
- Wider bores allow fastening using durable anchors
- Steel sheet thickness: 2.5 mm

Base materials

Approved for use in:

- Wood
- Construction wood
- Plywood
- Chipboard

Applications

- Wooden constructions
- Wooden fences
- Wooden roof constructions
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- PN-EN 14545: 2011

CE

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	H	L	Box	Outer	Pallet
	mm		pcs		
D-LP-310	100	35	100*	100*	12600
D-LP-418	180	40	50*	50*	3150
D-LP-514	140	55	50*	50*	4800
D-LP-618	180	65	30*	30*	2400
D-LP-919	195	90	30*	30*	3240

* Products in the gravity fed display box

D-LWG Flat connector

Flat connector for connecting wooden construction elements

Features and benefits

- Strapping of wood construction elements
- Profiled mounting holes
- Steel sheet thickness: 2.5 mm, 4.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Pergolas, bowers, sheds
- Versatile utility strapping

Approvals and Reports

- PN-EN 14545: 2011

CE

Dimension designation:

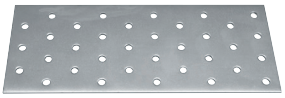
H - arm length
L - arm length

Index	Dimensions		Quantity		
	H	L	Box	Outer	Pallet
	mm		pcs		
D-LWG-170	170	30	70*	70*	7560
D-LWG-195	195	35	30*	30*	8100

* Products in the gravity fed display box

D-PP Perforated plate

Versatile utility perforated plate



Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood

Applications

- Wooden constructions
- Wooden fences
- Wood boards
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- PN-EN 14545: 2011

CE

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	H	L	Box	Outer	Pallet
	mm		pcs		
D-PP-410	100	40	120*	120*	12960
D-PP-412	120	40	100*	100*	11500
D-PP-416	160	40	70*	70*	7560
D-PP-420	200	40	50*	50*	5400
D-PP-430	300	40	30*	30*	3240
D-PP-610	100	60	80*	80*	8640
D-PP-612	120	60	65*	65*	7020
D-PP-614	140	60	50*	50*	7000
D-PP-616	160	60	50*	50*	4800
D-PP-620	200	60	40*	40*	4320
D-PP-624	240	60	30*	30*	300
D-PP-630	300	60	30*	30*	3240
D-PP-816	160	80	30*	30*	3240
D-PP-820	200	80	30*	30*	3240
D-PP-824	240	80	20*	20*	2400
D-PP-826	260	80	20*	20*	1920
D-PP-830	300	80	20*	20*	2160
D-PP-1010	100	100	50*	50*	5000
D-PP-1012	120	100	45*	45*	3750
D-PP-1014	140	100	40*	40*	4320
D-PP-1016	160	100	35*	35*	3780
D-PP-1020	200	100	20*	20*	2160
D-PP-1024	240	100	20*	20*	2160
D-PP-1026	260	100	20*	20*	2160
D-PP-1030	300	100	20*	20*	2160
D-PP-1040	400	100	20*	20*	1440
D-PP-1050	500	100	20*	20*	800
D-PP-1220	200	120	25	25	1875
D-PP-1224	240	120	25	25	1800
D-PP-1226	260	120	25	25	2000
D-PP-1230	300	120	25	25	1650
D-PP-1440	400	140	10	10	3000

* Products in the gravity fed display box

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D-LA Perforated angle bracket

Perforated angle brackets for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Wide bore allows fastening of wooden construction elements to concrete base
- Steel sheet thickness: 2.0 mm, 3.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Chipboard
- Plywood
- Concrete

Applications

- Wooden constructions
- Girder tie downs to the concrete base
- Wooden roof constructions
- Wooden swings
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - arm width
H - arm length
L - arm length

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-LA-422	40	200	40	50*	50*	5500
D-LA-432	40	300	40	25*	25*	4500
D-LA-442	40	400	40	25	25	2875
D-LA-423	40	200	40	30*	30*	3240
D-LA-433	40	300	40	20*	20*	2160

* Products in the gravity fed display box

D-SP Universal rafter twist strap

Universal rafter twist strap for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Universal construction allows application on both sides of the rafter
- Steel sheet thickness: 2.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Rafter fastening to the purlins
- Wooden roof constructions
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - total length of connector
L - connector width
B - arm length

Index	Dimensions			Quantity		
	H	L	B	Box	Outer	Pallet
	mm			pcs		
D-SP-170	170	35	85	80*	80*	8640
D-SP-210	210	35	105	50*	50*	4000
D-SP-250	250	35	125	40*	40*	4320

* Products in the gravity fed display box

D-SP-L Rafter twist strap - left

Left rafter twist strap for connecting wooden construction elements

Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Wooden roof constructions
- Rafter fastening to the purlins
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

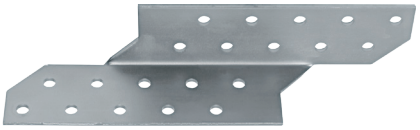
H - total length of connector
L - connector width
B - arm length

Index	Dimensions			Quantity		
	H	L	B	Box	Outer	Pallet
	mm			pcs		
D-SP-170L	170	30	115	80*	80*	6400
D-SP-210L	210	30	155	50*	50*	5400
D-SP-250L	250	30	180	40*	40*	3200
D-SP-290L	290	30	220	30*	30*	3240

* Products in the gravity fed display box

D-SP-P Rafter twist strap - right

Right rafter twist strap for connecting wooden construction elements



Features and benefits

- Connection of wooden construction elements
- Steel sheet thickness: 2.0 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Wooden roof constructions
- Rafter fastening to the purlins
- Pergolas, bowers, sheds

Approvals and Reports

- ETA-12/0523

Dimension designation:

H - total length of connector
L - connector width
B - arm length

Index	Dimensions			Quantity		
	H	L	B	Box	Outer	Pallet
	mm			pcs		
D-SP-170P	170	30	115	80*	80*	6400
D-SP-210P	210	30	155	50*	50*	4000
D-SP-250P	250	30	180	40*	40*	4320
D-SP-290P	290	30	220	30*	30*	3240

* Products in the gravity fed display box

D-ZS Equal-leg brackets 135°

Equal-leg bracket of angle 135° for connecting of wood construction elements

Features and benefits

- Connection of wooden contruction elements
- Special shape for connecting elements of angle 135° (45°)
- Wider bores allow fastening using durable anchors

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood

Applications

- Wooden constructions
- Counter brackets
- Wooden roof constructions
- Wooden fences
- Pergolas, bowers, sheds
- Versatile utility reinforcements

Dimension designation:

H - arm length
L - arm length

Index	Dimensions		Quantity		
	HxH	L	Box	Outer	Pallet
	mm		pcs		
D-ZS-996	90x90	105	30*	30*	3000
D-ZS-119	105x105	90	20*	20*	2160

* Products in the gravity fed display box

D-I Ring nail

Ring shank timber nails for secure anchoring of wood connectors

Features and benefits

- Made of low carbon cold drawn steel wire
- The threads on the shank separate the wood fibers, which then lock back into the rings causing greater removal resistance
- Ringed shank provides a strong hold in soft and medium density woods

Base materials

Approved for use in:

- Wood
- Chipboard
- Construction wood
- Plywood
- Wood with metal

Applications

- Anchoring of wood connection elements
- Plywood, underlayment, decking, siding and roofing applications
- Secure fastening of timber elements
- Wooden constructions
- Wooden fences
- Wooden pallets and packaging manufacturing
- Wooden cases, boxes, bins, coffers, lockers

Dimension designation:

H - diameter
L - lenght

Index	Dimensions		Quantity		
	H	L	Box	Outer	Pallet
	mm		kg		
D-I-440	4	40	1	16	384
D-I-450	4	50	1	16	384
D-I-460	4	60	1	16	384
D-I-475	4	75	1	16	384
D-I-4100	4	100	1	16	384
D-I-4125	4	125	1	16	384

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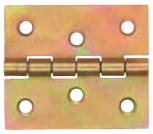
D-Z Butt hinge

Multi purpose use hinges



Features and benefits

- Hinge joint for wooden elements
- Profiled bores for flush fixing of the hinge
- Steel sheet thickness: 1.0 mm, 3.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal element
- Steel sheet

Applications

- Gates, wickets, fences
- Wooden constructions
- Pergolas, bowers, sheds
- Versatile utility hinge joints

Index	Dimensions	Quantity		
		Box	Outer	Pallet
	mm	pcs		
D-Z-35	35x40x1	100	100	70000
D-Z-40	40x40x1	100	100	50000
D-Z-50	50x40x1	100	100	30000
D-Z-60	60x40x1	100	100	30000
D-Z-70	70x40x1	100	100	20000
D-Z-90	90x90x3	10	10	3600

D-ZD Construction hinge

Versatile utility construction hinge

Features and benefits

- Hinge joint for wooden elements
- Steel sheet thickness: 2.5 mm
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal element
- Steel sheet

Applications

- Gates, wickets, fences
- Wooden constructions
- Wooden fences
- Pergolas, bowers, sheds
- Versatile utility hinge joints

Index	Dimensions	Quantity		
		Box	Outer	Pallet
	mm	pcs		
D-ZD-1035	35x100x2,5	30	30	8400
D-ZD-1050	50x100x2,5	30	30	9000
D-ZD-1550	50x150x2,5	30	30	6000
D-ZD-2050	50x200x2,5	30	30	4860

D-ZB Locking gate hinge

Gate hinge with padlock locking socket

Features and benefits

- Hinge joint for wooden elements
- Padlock locking socket
- Steel sheet thickness: 2.5 mm

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal element
- Steel sheet

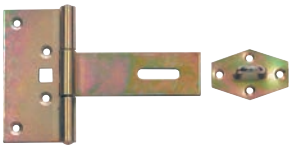
Applications

- Gates, wickets, fences
- Wooden constructions
- Wooden fences
- Pergolas, bowers, sheds
- Versatile utility hinge joints

Index	Dimensions	Quantity		
		Box	Outer	Pallet
	mm	pcs		
D-ZB-209	95x50x2,5	10	10	3600

D-ZA Locking hinge

Wooden case hinge with padlock locking socket



Features and benefits

- Hinge joint of wooden elements
- Padlock locking socket
- Profiled mounting holes for precise hinge fastening

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal element
- Steel sheet

Applications

- Wooden cases, boxes, bins, coffers, lockers
- Gates, wickets, fences
- Pergolas, bowers, sheds
- Wooden terraces

Index	Dimensions	Quantity		
		Box	Outer	Pallet
	mm	pcs		
D-ZA-105	100x50x100x3.0	10	10	2880

D-TD Hammer-in post base

Hammer-in post base for anchoring of wooden construction elements in ground surface

Features and benefits

- Anchoring of wooden construction elements directly in ground surface
- Sharp spear easily pierces the ground
- Long spear for secure fastening
- Steel sheet thickness: 2.0 mm

Base materials

Approved for use in:

- Ground

Applications

- Wooden constructions
- Pergolas, bowers, sheds
- Wooden fences
- Wooden decks
- Supporting posts

Approvals and Reports

- ETA-12/0523

Dimension designation:

L - pole mount
B - bracket length

Index	Dimensions		Quantity		
	L	B	Box	Outer	Pallet
	mm		pcs		
D-TD-5175	600	50x50	1	1	256
D-TD-7175	750	70x70	1	1	150
D-TD-9175	750	90x90	1	1	102
D-TD-9190	900	90x90	1	1	56
D-TD-1075	750	100x100	1	1	90
D-TD-1090	900	100x100	1	1	90
D-TD-1290	900	120x120	1	1	60

D-TB Post base with baseplate

Post base with baseplate for heavy duty anchoring of wooden construction elements

Features and benefits

- Anchoring of wooden construction elements
- Wide bores in the baseplate allow fastening using durable anchors or screws
- Steel sheet thickness: baseplate 6.0 mm, handles 5.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Concrete

Applications

- Wooden constructions
- Supporting posts
- Wooden fences
- Pergolas, bowers, sheds
- Wooden decks

Approvals and Reports

- ETA-12/0523

Index	Handle		Basis	Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TB-71	71	150	150	1	1	438
D-TB-81	81	150	150	1	1	200
D-TB-91	91	150	150	1	1	240
D-TB-101	101	150	150	1	1	240
D-TB-121	121	150	170	1	1	331

D-PD Roof batten supports with nail

Roof batten supports with nail

Features and benefits

- Special shaped bracket for fixing roofing tile battens
- Hardened nail for fast and secure anchoring
- Steel sheet thickness: 2.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Applications

- Roof battens installation
- Wooden roof constructions

Index	Dimensions			Nail	Quantity		
	B	H	L	Diameter	Box	Outer	Pallet
	mm				pcs		
D-PD-210	55	210	50	7	50	50	1800

D-TG Post base with baseplate

Post base with baseplate for heavy duty anchoring of wooden construction elements

Features and benefits

- Anchoring of wooden construction elements
- Wide bores in the baseplate allow fasteningusing durable anchors or screws
- Steel sheet thickness: baseplate 6.0 mm, handles 5.0 mm

Base materials

Approved for use in:

- Wood
- Construction wood

Also Suitable for use in:

- Concrete

Applications

- Wooden constructions
- Supporting posts
- Wooden fences
- Pergolas, bowers, sheds
- Wooden decks

Approvals and Reports

- ETA-12/0523

Dimension designation:

B - mounting width under the pole
H - clamping length under the pole
L - bracket width

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Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TG-716	71	200	200	1	1	240
D-TG-816	81	200	200	1	1	250
D-TG-916	91	200	200	1	1	250
D-TG-1016	101	200	200	1	1	250
D-TG-1216	121	200	200	1	1	240

D-TU U-Shaped post base

U-Shaped post base for anchoring of wooden construction elements

Features and benefits

- Anchoring of wooden construction elements
- Wide bores in the baseplate allow fastening using durable anchors or screws
- The standoff helps prevent rot at the end of the posts installed in basements or exposed to weather or water splash

Base materials

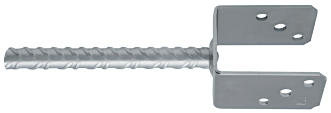
Approved for use in:

- Wood
- Construction wood
- Concrete

Index	Dimensions		Quantity		
	B	H	Box	Outer	Pallet
	mm		pcs		
D-TU-71	71	150	6	6	1056
D-TU-91	91	150	1	6	768
D-TU-101	101	150	1	6	720
D-TU-121	121	150	1	6	288

D-TC Post base with embedment rebar

Post base with embedment rebar for anchoring wooden construction elements in concrete



Features and benefits

- Anchoring wooden construction elements in concrete base
- Steel sheet thickness: 5.0 mm
- Embedment rebar: Ø20

Base materials

Approved for use in:

- Concrete
- Natural Stone

Applications

- Wooden constructions
- Wooden decks
- Wooden fences
- Supporting posts
- Pergolas, bowers, sheds

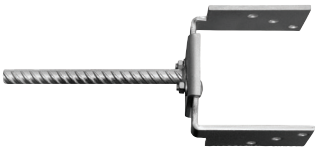
Approvals and Reports

- ETA-12/0523

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TC-716	71	100	200	1	1	300
D-TC-816	81	100	200	1	1	384
D-TC-916	91	100	200	1	1	300
D-TC-1016	101	100	200	1	1	252
D-TC-1116	111	100	200	1	1	288
D-TC-1216	121	100	200	1	1	240
D-TC-1416	141	100	200	1	1	288
D-TC-1616	161	100	200	1	1	300

D-TCR Adjustable post base with embedment rebar

Adjustable width post base of wooden construction elements in concrete



Features and benefits

- Anchoring wooden construction elements in concrete base
- Adjustable in width to accommodate a wide dimensional range of fastened elements
- Steel sheet thickness: 5.0 mm
- Embedment rebar: Ø18
- Hot-dip galvanized for enhanced corrosion resistance
- Adjustable width: 0-160 mm

Base materials

Approved for use in:

- Concrete
- Natural Stone

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TCR-816	0-160	100	200	1	1	50

D-TDR Adjustable hammer-in post base

Adjusting post support to ground for wood construction elements

Features and benefits

- Anchoring of wooden construction elements directly in ground surface
- Adjustable in width to accommodate a wide dimensional range of fastened elements
- Steel sheet with a thickness: adjustable part 4 mm, hammered part 2 mm
- Hot-dip galvanized for enhanced corrosion resistance
- Adjustable width: 0-160 mm

Base materials

Approved for use in:

- Ground

Applications

- Wooden constructions
- Supporting posts
- Wooden decks
- Pergolas, bowers, sheds

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TDR	0-160	100	600	1	1	200

D-TSR Adjustable pole bracket to be screwed with the foot

Fastening of elements of wooden structures

Features and benefits

- Wide holes on the foot allow installation with anchors or screws
- Adjustable width allows fastening elements of various dimensions
- Hot-dip galvanized layer for greater corrosion resistance
- Steel sheet thickness: side strips 4.0 mm; foot 3 mm
- Width adjustment: 0-160 mm
- Anchor rod: ø20

Base materials

Approved for use in:

- Wood
- Construction wood
- Concrete

Applications

- Wooden constructions
- Supporting posts
- Wooden decks
- Pergolas, bowers, sheds

Index	Dimensions			Quantity		
	B	H	L	Box	Outer	Pallet
	mm			pcs		
D-TSR	0-160	100	200	1	1	400

D-TSG Pole bracket adjustable threaded

Fastening of elements of wooden structures

Features and benefits

- Wide holes on the foot allow installation with anchors or screws
- Facilitates the installation of wooden elements with concrete
- Height adjustment of the mounted element
- Resistance to lateral loads
- Hot-dip galvanized layer for greater corrosion resistance
- Steel sheet thickenss: base - 3,0 mm; adjustable plate - 2,0 mm
- Anchor rod: M20

Base materials

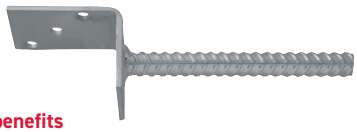
Approved for use in:

- Wood
- Construction wood
- Concrete

Index	Dimensions			Quantity		
	Width	Height	The thread's Length	Box	Outer	Pallet
	mm			pcs		
D-TSG-80	0-250	80	250	1	1	450
D-TSG-110	0-250	110	250	1	1	400

D-TL L-Shaped post base with rebar

L-Shaped post base with embedment rebar for anchoring of wooden construction elements in concrete



Features and benefits

- Anchoring wooden construction elements in concrete base
- Elegant look post base
- Steel sheet thickness: 5.0 mm
- Embedment rebar: O18

Base materials

Approved for use in:

- Concrete
- Natural stone

Index	Dimensions			Quantity		
	H	L	B	Box	Outer	Pallet
	mm			pcs		
D-TL-808	100	200	65	1	6	378

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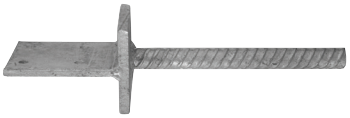
D-TA I-Shaped post base with embedment rebar

I-Shaped post base with embedment rebar for anchoring of wood construction elements



Features and benefits

- Anchoring wooden construction elements in concrete base
- Steel sheet thickness: baseplate 10.0 mm, handle 8.0 mm
- Embedment rebar: Ø18

Base materials

Approved for use in:

- Concrete
- Natural Stone

Index	Dimensions			Quantity		
	H	L	B	Box	Outer	Pallet
	mm			pcs		
D-TA-200	100	200	78	1	1	190

D-KM Wood construction anchors

L-shaped anchors for anchoring of wooden construction elements

Features and benefits

- Connection of wooden contruction elements
- Zinc electroplated for enhanced corrosion resistance
- Anti-corrosion coating thickness min. 8µm

Base materials

Approved for use in:

- Concrete

Applications

- Wooden constructions
- Girder tie downs to the concrete base
- Wooden roof constructions
- Wooden swings
- Pergolas, bowers, sheds

Each package and a single piece have a barcode label for easy selling.

Index	Dimensions			Quantity		
	The thread's diameter	Total Length	The thread's Length	Box	Outer	Pallet
	mm			pcs		
D-KM-12250	M12	250	70	5	5	2160
D-KM-12300	M12	300	70	5	5	700
D-KM-12350	M12	350	70	5	5	600
D-KM-12400	M12	400	70	5	5	600
D-KM-12450	M12	450	70	5	5	500
D-KM-12500	M12	500	70	5	5	500
D-KM-14250	M14	250	70	5	5	700
D-KM-14300	M14	300	70	5	5	540
D-KM-14350	M14	350	70	5	5	600
D-KM-14400	M14	400	70	5	5	600
D-KM-14450	M14	450	70	5	5	500
D-KM-14500	M14	500	70	5	5	500
D-KM-16250	M16	250	70	5	5	810
D-KM-16300	M16	300	70	5	5	1080
D-KM-16350	M16	350	70	5	5	600
D-KM-16400	M16	400	70	5	5	600
D-KM-16450	M16	450	70	5	5	500
D-KM-16500	M16	500	70	5	5	500

* **Products in the gravity fed display box**

CHAINS, ROPES AND WIRE PRODUCTS

T-LO-LV Knotted Chain DIN 5686 „VICTOR"

Knotted chain for fastening of lightweight elements and for decorative purposes

Features and benefits

- Knotted and braided chain
- Hot galvanized for enhanced corrosion resistance
- Manufactured in accordance with DIN 5686
- Highly recommended for aesthetic reasons
- Available on a plastic reel

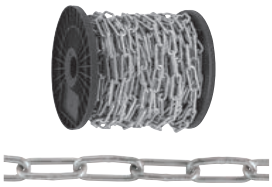
Applications

- Applicable for general purposes
- Lightweight elements fastening
- Placing fences, barriers, etc.
- Hanging ads, signboards
- Versatile utility decorative chain

Index	Chain diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LO-LV-14/01-R	1,4	50	50	3600
T-LO-LV-22/01-R	2,2	50	50	3600
T-LO-LV-28/01-R	2,8	30	30	2160

T-LG Welded Chain DIN 5685C

Welded chain for fastening of lightweight elements



Features and benefits

- Hot galvanized for enhanced corrosion resistance
- Manufactured in accordance with DIN 5685C
- Long, welded links
- Available on a plastic reel

Applications

- Applicable for general purposes
- Lightweight elements fastening
- Placing fences, barriers, etc.
- Hanging ads, signboards

Index	Chain diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LG-03-R	3,0	50	50	3600
T-LG-04-R	4,0	25	25	1800
T-LG-05-R	5,0	25	25	1800
T-LG-06-R	6,0	20	20	1440
T-LG-08-R	8,0	12	12	864

T-LST Welded Chain DIN 5685A

Welded chain for fastening, towing and rising of middleweight elements

Features and benefits

- Hot galvanized for enhanced corrosion resistance
- Manufactured in accordance with DIN 5685A
- Short, welded links
- Available on a plastic reel
- Grinded welds on the links

Applications

- Applicable for general purposes
- Middleweight elements fastening
- Placing fences, barriers, etc.
- Towing and raising of middleweight elements

Index	Chain diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LST-03-R	3,0	50	50	2400
T-LST-04-R	4,0	25	25	1800
T-LST-05-R	5,0	25	25	1800
T-LST-06-R	6,0	20	20	1440
T-LST-08-R	8,0	12	12	864

T-LH Welded Chain DIN 766

Technical welded chain for fastening, towing and rising of middleand heavyweight elements

Features and benefits

- Zinc electroplated or hot dip galvanized for enhanced corrosion resistance
- Manufactured in accordance with DIN 766
- Short, welded links

Applications

- Applicable for general purposes
- Middle- and heavyweight elements fastening
- Placing fences, barriers, etc.
- Towing and raising of middleand heavyweight elements
- Playgrounds, swings
- Sailing, fishing, anchor chains

Index	Chain diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
Galvanic zinc plating				
T-LH-06-R	6,0	20	20	1440
Hot-dip galvanizing				
T-LH-06-HDG-R	6,0	20	20	1440

T-LE Elastic Rope

Elastic rope for supporting tensile loads and binding applications

Features and benefits

- Multi stranded for greater flexibility and strength resistance
- Available on a plastic reel
- Flexible core for better dynamic tensions transmission

Applications

- Applicable for general purposes
- Binding elements
- Elastic rope fences
- Temporary bindings

Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LE-04-R	4	200	200	14400
T-LE-06-R	6	150	150	10800
T-LE-08-R	8	100	100	7200
T-LE-10-R	10	80	80	5760

T-LZE Sailing Rope

Plaited ropes for sailing, supporting tensile loads and binding applications

Features and benefits

- Available on a plastic reel
- Multi stranded for greater flexibility and strength resistance
- Elastic polyester strands with a moderate elastic elongation before failure

Applications

- Placing fences, barriers, etc.
- Playgrounds, swings
- Adventure and line parks
- Suspended decoration ropes, decorative electrical wires
- Gardening, binding trees and bushes

Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LZE-08-R	8	200	200	14400
T-LZE-10-R	10	150	150	3600

T-LP Plaited Polypropylene Rope

Plaited polypropylene rope for supporting tensile loads and binding applications

Features and benefits

- Multi stranded for greater flexibility and strength resistance
- Available on a plastic reel
- Elastic strands with a moderate elastic elongation before failure

Applications

- Suspension bridges
- Adventure and line parks
- Applicable for general purposes
- Small construction cranes
- Binding elements
- Elastic rope fences
- Temporary bindings

Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LP-03-R	3.0	600	600	42000
T-LP-04-R	4.0	400	400	28000
T-LP-05-R	5.0	300	300	21000
T-LP-06-R	6.0	200	200	9600
T-LP-08-R	8.0	200	200	5400
T-LP-10-R	10.0	150	150	4050
T-LP-12-R	12.0	100	100	2700
T-LP-14-R	14.0	70	70	1890
T-LP-16-R	16.0	50	50	1600
T-LP-18-R	18.0	40	40	1080
T-LP-20-R	20.0	30	30	810

T-LS-PVC Steel Rope PVC Coated

Steel ropes with PVC coating for versatile applications

Features and benefits

- Available on a plastic reel
- Zinc electroplated for enhanced corrosion resistance

Applications

- Placing fences, barriers, etc.
- Playgrounds, swings
- Adventure and line parks
- Suspended decoration ropes, decorative electrical wires
- Gardening, binding trees and bushes

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Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LS-030-PCV-R	3	100	100	10000
T-LS-030-PCV-R	4	100	100	10000
T-LS-040-PCV-R	6	120	120	8640
T-LS-050-PCV-R	7	80	80	5760
T-LS-060-PCV-R	8	120	120	8640
T-LS-080-PCV-R	10	50	50	3600

T-LS Steel Rope Zinc Plated

Zinc plated steel wire ropes for versatile applications

Features and benefits

- Available on a plastic reel
- Zinc electroplated for enhanced corrosion resistance

Applications

- Towing and raising elements
- Small construction cranes
- Machinery and heavy duty applications
- Placing fences, barriers etc.
- Suspension bridges
- Adventure and line parks

Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	mb		
T-LS-012-R	1.2	500	500	36000
T-LS-015-R	1.5	300	300	21600
T-LS-020-R	2.0	250	250	18000
T-LS-030-R	3.0	150	150	15000
T-LS-040-R	4.0	120	120	14400
T-LS-050-R	5.0	150	150	10800
T-LS-060-R	6.0	200	200	14400
T-LS-080-R	8.0	120	120	8640

580 Forged eye bolt

Forged eye bolt intended for straight line pull applications

Features and benefits

- Strong and rigid anchor point on machinery, equipment, and vehicles
- Made of forged carbon steel, quenched and tempered
- Hot galvanized for enhanced corrosion resistance

Applications

- Machinery and heavy duty applications
- Versatile utility line pull applications
- Towing and raising of middle- and heavyweight elements

Index	The thread's diameter	The internal diameter	Quantity		
			Box	Outer	Pallet
	mm	mm	pcs		
580-M06	M6	16	50	300	15000
580-M08	M8	20	50	300	15000
580-M10	M10	25	10	10	720
580-M12	M12	30	10	90	720
580-M16	M16	40	10	90	3000
580-M20	M20	50	5	30	2000

582 Forged eye nut

Forged eye nut intended for straight line pull applications

Features and benefits

- Strong and rigid anchor point on machinery, equipment, and vehicles
- Made of forged carbon steel, quenched and tempered
- Hot galvanized for enhanced corrosion resistance

Applications

- Machinery and heavy duty applications
- Versatile utility line pull applications
- Towing and raising of middle- and heavyweight elements

Index	The thread's diameter	The internal diameter	Quantity		
			Box	Outer	Pallet
	mm	mm	pcs		
582-M06	M6	16	50	300	15000
582-M08	M8	20	50	300	15000
582-M10	M10	25	10	90	10800
582-M12	M12	30	10	90	5400
582-M16	M16	40	10	10	4000
582-M20	M20	50	5	5	1500

T-LU Quick Link with Screw Lock

Quick link with screw lock for connecting of chains and ropes

Features and benefits

- Quick and convenient way to connect segments of the chain
- Screw lock for secure connection
- Hot galvanized for enhanced corrosion resistance

Applications

- Connecting of chains and ropes
- Setting up anchors and fixing grips
- Chain repair and chain attachments

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-LU-04	4x32	50	1200	43200
T-LU-06	6x45	50	900	43200
T-LU-08	8x58	25	450	8100

T-LUS S-Shaped Chain Hook

S-Shaped quick link for connecting of chains and ropes

Features and benefits

- Quick and convenient way to connect segments of the chain
- Hot galvanized for enhanced corrosion resistance
- Open ends to make it easier to unhook and hook the chain onto the posts if required

Applications

- Connecting of chains and ropes
- Setting up anchors and fixing grips
- Versatile utility hooks

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-LUS-03	3x24	100	1200	48600
T-LUS-04	4x35	100	900	24300
T-LUS-05	5x40	50	450	24300
T-LUS-06	6x48	50	900	24300

T-LUZ Quick Link without Screw Lock

Quick repair link for attachment and connecting parts of the chain

Features and benefits

- Designed for lightweight chain repair and chain attachments
- Made of low carbon steel
- Hot galvanized for enhanced corrosion resistance

Applications

- Connecting of chains and ropes
- Setting up anchors and fixing grips
- Chain repair and chain attachments

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-LUZ-035	3,5x20	100	900	48600
T-LUZ-050	5x26	50	450	24300
T-LUZ-060	6x32	50	450	24300

T-SNP Bolts with Eye and Nut

Bolts with Eye and Nut for fastening elements

Features and benefits

- Made of low carbon cold drawn steel wire
- Hot galvanized for enhanced corrosion resistance
- Supplied with rolled machine thread with one hex nut unassembled

Applications

- Light duty applications
- Tie-downs and wire guiding
- Setting up anchors and fixing grips
- Playgrounds, swings

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
		mm	pcs		
T-SNP-08	M8	150	25	300	12150
T-SNP-10	M10	150	10	120	4860

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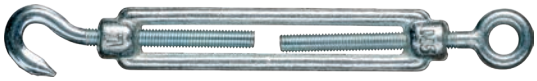
T-416-HO Hook-eye tensioner

Turnbuckle Tension hook-eye for adjusting the tension and length of steel wire and ropes



Features and benefits

- Made of low carbon steel
- Manufactured in accordance with DIN 1480
- Consists of two roll threaded forged steel jaws

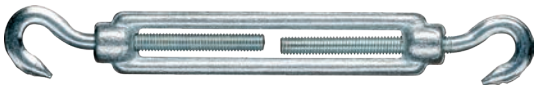
Applications

- Adjusting the tension and length of steel wire and ropes
- Tensioning of the balustrade systems
- Construction strapping tensioning

Index	Maximum load	Quantity		
		Box	Outer	Pallet
	kg	pcs		
T-416-06110-HO	13	1	1	9600
T-416-08110-HO	24	10	150	5600
T-416-10125-HO	37	1	1	2700
T-416-12125-HO	52	5	5	9900
T-416-14140-HO	71	1	1	1368
T-416-16170-HO	100	5	25	1024
T-416-20200-HO	150	1	15	750

T-416-HH Hook-hook tensioner

Hook-hook turnbuckle for adjusting the tension and length of wires and ropes



Features and benefits

- Made of low carbon steel
- Manufactured in accordance with DIN 1480
- Consists of two roll threaded forged steel jaws

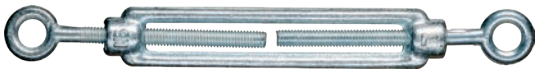
Applications

- Adjusting the tension and length of steel wire and ropes
- Tensioning of the balustrade systems
- Construction strapping tensioning

Index	Maximum load	Quantity		
		Box	Outer	Pallet
	kg	pcs		
T-416-06110-HH	13	1	1	7200
T-416-08110-HH	24	10	150	5600
T-416-10125-HH	37	1	1	2700
T-416-12125-HH	52	5	50	1980
T-416-14140-HH	71	1	1	1350
T-416-16170-HH	100	5	1	840
T-416-20200-HH	150	1	1	520

T-416-OO Eye-eye tensioner

Eye-eye turnbuckle for adjusting the tension and length of wires and ropeses



Features and benefits

- Made of low carbon steel
- Manufactured in accordance with DIN 1480
- Consists of two roll threaded forged steel jaws

Applications

- Adjusting the tension and length of steel wire and ropes
- Tensioning of the balustrade systems
- Construction strapping tensioning

Index	Maximum load	Quantity		
		Box	Outer	Pallet
	kg	pcs		
T-416-06110-OO	13	1	1	14400
T-416-08110-OO	24	1	1	5600
T-416-10125-OO	37	1	1	3600
T-416-12125-OO	52	1	1	1200
T-416-14140-OO	71	1	1	1440
T-416-16170-OO	100	5	25	864
T-416-20200-OO	150	1	1	576

T-H Spring hooks DIN689

Eye hook for lifting loads

Features and benefits

- Made of forged carbon steel, quenched and tempered
- Zinc electroplated for enhanced corrosion resistance
- Includes trigger-clasp for increasing the safety of the hook and preventing the load from returning

Applications

- Applicable for general purposes
- Towing and raising of middle- and heavyweight elements
- Small construction cranes

Index	Maximum load	Quantity		
		Box	Outer	Pallet
	kg	pcs		
T-H-0250	40	25	25	5000
T-H-0500	83	10	10	2000
T-H-1000	167	5	25	750
T-H-1600	267	1	12	360
T-H-2500	416	1	8	288

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T-BL Single and double rope pulley with nylon sheave

Single and double rope pulley for hoisting up small loads and lightweight elements

Features and benefits

- Great for hoisting up small loads and middleweight elements
- Made of low carbon steel
- Zinc electroplated for enhanced corrosion resistance

Applications

- Hoisting up small loads, theater curtains, awnings, banners, ads
- Tensioning of the balustrade systems
- Towing and raising of middleweight elements
- Small construction cranes

Index	Rope diameter	Maximum load	Quantity		
			Box	Outer	Pallet
	mm	kg	pcs		
T-BL-1 Single rope pulley with nylon sheaves					
T-BL-105	7	600	25	25	27000
T-BL-108	8	900	10	120	10800
T-BL-112	12	1200	5	90	3600
T-BL-2 Double rope pulley with nylon sheaves					
T-BL-205	7	600	25	25	10800
T-BL-208	8	900	10	60	4320
T-BL-212	12	1200	5	100	5000

T-KA Thimble DIN 6899

Rope thimble to protect against excessive stresses

Features and benefits

- Thimbles protect rope against excessive stresses, thereby considerablyextending their service life
- Round shape gives ideal rope guidance and greater preven tion of accidental rope damage
- Made of low carbon steel

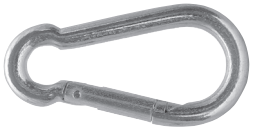
Applications

- Protection of the rope against excessive stresses
- Connections between ropes and hooks
- Small construction cranes

Index	Rope diameter	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-KA-025	2,5-3	100	2400	76800
T-KA-03	3-4	100	900	48600
T-KA-04	5	50	450	24300
T-KA-05	5-6	50	1200	24300
T-KA-06	6-7	50	450	24300
T-KA-08	7-8	25	450	9450
T-KA-10	8-10	25	300	9450
T-KA-12	10-12	20	120	6480
T-KA-14	12-14	10	200	3240
T-KA-16	14-18	10	10	3240
T-KA-20	18-20	10	10	2500

T-KARC Snap hook without screw lock

Spring action gate snap hook for quick ropes and chains attachments



Features and benefits

- Manufactured in accordance with DIN 5299C
- Round shape of the eyelet gives ideal rope guidance and greater preven tion of accidental rope damage
- Reversible spring action gate for increasing the safety of the hook and preventing the load from returning

Applications

- Applicable for general purposes
- Connecting of chains and ropes
- Chain repair and chain attachments
- Raising of middleweight elements
- Setting up anchors and fixing grips

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-KARC-04	40x4	100	100	70000
T-KARC-05	50x5	50	50	35000
T-KARC-06	60x6	50	900	15600
T-KARC-07	70x7	25	450	16200
T-KARC-08	80x8	25	450	10800
T-KARC-09	90x9	25	25	6000
T-KARC-10	100x10	15	15	5400

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T-KARD Snap hook with screw lock

Screw locking spring action gate snap hook for quick ropes and chains attachments

Features and benefits

- Manufactured in accordance with 5299D
- The round shape of the ring eye gives perfect guidance of the rope and prevents possible damage to the rope
- Self-locking spring-loaded snap hook increases safety of the snap hook and prevents the load from loosening

Applications

- Applicable for general purposes
- Connecting of chains and ropes
- Chain repair and chain attachments
- Raising of middleweight elements
- Setting up anchors and fixing grips

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-KARD-04	40x4	100	2400	70000
T-KARD-05	50x5	50	300	16200
T-KARD-06	60x6	50	900	16200
T-KARD-07	70x7	25	450	10800
T-KARD-08	80x8	25	450	10800
T-KARD-09	90x9	25	450	10800
T-KARD-10	100x10	15	270	4860

T-OOK Swivel

Features and benefits

- Rotatable under load
- Made of low carbon steel
- Zinc electroplated for enhanced corrosion resistance

Applications

- Anchor lines and anchor chains
- Chain and rope applications that require rotation
- Hanging ads, signboards
- Applicable for rotation-resistant ropes
- Setting up anchors and fixing grips

Index	Chain diameter	Size	Quantity		
			Box	Outer	Pallet
	mm	mm	pcs		
T-OOK-06	6	12x64	25	300	15000

T-ZLK Wire rope clip DIN 741

Wire rope clips for wire rope eye-loop connections or complete loops, end-to-end connections where socketing or splicing is not feasible or when a temporary joint is required

Features and benefits

- Made of low carbon steel
- Manufactured in accordance with DIN 741
- Casted base and U-bolt with two fastening nuts for secure connection of the ropes in the clip

Applications

- Wire rope eyeloop connections, complete loops, and end-to-end connections where socketing or splicing is not feasible
- Temporary rope attachments
- Placing fences, barriers, etc.
- Hanging ads, signboards
- Setting up anchors and fixing grips

Index	Rope diameter	Breaking load	Quantity		
			Box	Outer	Pallet
	mm	kg	pcs		
T-ZLK-030	3	600	100	100	48000
T-ZLK-050	5	850	50	50	24000
T-ZLK-060	6	1100	50	50	24000
T-ZLK-080	8	1800	50	900	24000
T-ZLK-100	10	2800	50	500	36000
T-ZLK-120	12	3300	20	240	6480
T-ZLK-130	13	3300	20	300	7200
T-ZLK-140	14	4000	20	20	7200
T-ZLK-160	16	4500	20	120	4320
T-ZLK-190	19	5000	10	100	2160
T-ZLK-220	22	7500	10	60	2160

T-SZEK Straight shackle

Features and benefits

- Made of low carbon steel
- Zinc electroplated for enhanced corrosion resistance
- Screw pin for secure connection

Applications

- Non-permanent rope- and chain applications
- Applicable for general purposes
- Towing and raising elements
- Connecting of chains

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-SZEK-05	5x10	50	450	24300
T-SZEK-06	6x13	50	450	24300
T-SZEK-08	8x17	25	200	12150

Index	Size	Quantity		
		Box	Outer	Pallet
	mm	pcs		
T-SZEK-10	10x19	20	120	6480
T-SZEK-12	12x25	15	15	5400
T-SZEK-14	14x29	15	90	5400
T-SZEK-16	16x32	10	60	3240
T-SZEK-20	20x27	5	5	1800

T-GP Ring shank nail

Ringed shank nails for connecting wooden construction elements and secure anchoring of wood connectors

Features and benefits

- Manufactured in accordance with DIN 68163K
- Made of low carbon cold drawn steel wire
- Ringed shank provides a strong hold in soft and medium density woods

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal

Applications

- Applicable for general purposes
- Plywood, underlayment, decking, siding and roofing applications
- Wooden constructions
- Wooden cases, boxes, bins, coffers, lockers
- Anchoring of wood connection elements
- Wooden fences
- Wooden trunks stabilization
- Pergolas, bowers, sheds

Index	Nail		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
Black nails					
T-GP-30050	3,0	50	5	5	800
T-GP-30060	3,0	60	5	5	800
T-GP-35070	3,5	70	5	5	450
T-GP-35080	3,5	80	5	5	800
T-GP-35090	3,5	90	5	5	800
T-GP-35100	3,5	100	5	5	800
T-GP-45125	4,5	125	5	5	800
Galvanized nails					
T-GP-30050-OC	3,0	50	5	5	800
T-GP-30060-OC	3,0	60	5	5	800
T-GP-35070-OC	3,5	70	5	5	800
T-GP-35080-OC	3,5	80	5	5	800
T-GP-35090-OC	3,5	90	5	5	800
T-GP-35100-OC	3,5	100	5	5	300
T-GP-45125-OC	4,5	125	5	5	800

T-GB Construction nail

Construction nails for connecting wooden construction elements and secure anchoring of wood connectors

Features and benefits

- Made of low carbon cold drawn steel wire
- Flat head provides a large striking surface and solid holding power
- Smooth shank provides versatility for everyday use

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal

Applications

- Applicable for general purposes
- Wooden roof constructions
- Anchoring of wood connection elements
- Wooden fences
- Pergolas, bowers, sheds
- Framing applications

Index	Nail		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
Black nails					
T-GB-20040-5	2,0	40	5	5	900
T-GB-22050-5	2,2	50	5	5	900
T-GB-25060-5	2,5	60	5	5	900
T-GB-28065-5	2,8	65	5	5	900
T-GB-30070-5	3,0	70	5	5	800
T-GB-30080-5	3,0	80	5	5	1000
T-GB-35090-5	3,5	90	5	5	800
T-GB-40100-5	4,0	100	5	5	800
T-GB-45125-5	4,5	125	5	5	800
T-GB-50150-5	5,0	150	5	5	900
T-GB-60175-5	6,0	175	5	5	900
T-GB-70200-5	7,0	200	5	5	900
T-GB-70230-5	7,0	230	5	5	900
T-GB-80250-5	8,0	250	5	5	900
T-GB-80280-5	8,0	280	5	5	900
T-GB-80300-5	8,0	300	5	5	900
Galvanized nails					
T-GB-20040-OC	2,0	40	5	5	800
T-GB-22050-OC	2,2	50	5	5	800
T-GB-25060-OC	2,5	60	5	5	800
T-GB-28065-OC	2,8	65	5	5	800
T-GB-30070-OC	3,0	70	5	5	800
T-GB-30080-OC	3,0	80	5	5	800
T-GB-35090-OC	3,5	90	5	5	800
T-GB-40100-OC	4,0	100	5	5	800
T-GB-45125-OC	4,5	125	5	5	800
T-GB-50150-OC	5,0	150	5	5	800
T-GB-60175-OC	6,0	175	5	5	900
T-GB-70200-OC	7,0	200	5	5	900
T-GB-70230-OC	7,0	230	5	5	900
T-GB-80250-OC	8,0	250	5	5	900
T-GB-80280-OC	8,0	280	5	5	900
T-GB-80300-OC	8,0	300	5	5	900

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T-GPA Roofing nail

Smooth shank nails for roofing applications

Features and benefits

- Wide washer for greater holding power and pull through resistance
- Circular socket for flush application of nail head
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Plywood
- Wood with metal

Applications

- Wooden roof constructions
- Wooden fences
- Fastening plastic elements liable to damage while installing
- Fixing of bitumic membrane on roof constructions

Index	Nail		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
Black nails					
T-GPA-30020	3	20	5	5	800
T-GPA-30025	3	25	5	5	900
T-GPA-30030	3	30	5	5	900
T-GPA-30035	3	35	5	5	800
Galvanized nails					
T-GPA-30020-OC	3	20	5	5	800
T-GPA-30025-OC	3	25	5	5	900
T-GPA-30030-OC	3	30	5	5	900
T-GPA-30035-OC	3	35	5	5	800
T-GPA-30040-OC	3	40	5	5	800

T-GPA Roofing nail

Smooth shank nails for roofing applications

Features and benefits

- Made of low carbon cold drawn steel wire
- Manufactured in accordance with DIN 1160A
- Flat head provides a large striking surface and solid holding power
- Smooth shank provides versatility for everyday use
- Available in zinc electroplated version for enhanced corrosion resistance
- Wide pad for stronger downforce and more drag resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Branches
- Plywood
- Chipboard
- PVC plastic
- Exotic Wood
- Wood with metal

Applications

- Wooden roof constructions
- Wooden fences
- Fastening plastic elements liable to damage while installing
- Fixing of bitumic membrane on roof constructions

Index	Nail			Quantity		
	Diameter	Length	Pad size	Box	Outer	Pallet
	mm			kg		
T-GPAP7-30030-OC	3	30	25-28	5	5	1000

GPAP Roofing nail washer

Nail washer for versatile applications

Features and benefits

- Wide washer for greater holding power and pull through resistance
- Circular socket for flush application of nail head
- Zinc electroplated for enhanced corrosion resistance

Base materials

Approved for use in:

- Wood
- Construction wood
- Branches
- Plywood
- Chipboard
- PVC plastic
- Exotic Wood
- Wood with metal

Applications

- Wooden roof constructions
- Wooden fences
- Wood fibre boards
- Fixing of rubber sheets
- Fastening plastic elements liable to damage while installing

Index	Washer Size	Quantity		
		Box	Outer	Pallet
	mm	kg		
GPAP7	25-28	10	10	630

T-GSK Staple

Nail staples for quick fixing of lightweight anchor points

Features and benefits

- Made of low carbon cold drawn steel wire
- Hot galvanized for enhanced corrosion resistance
- Diamond shaped sharp point for easy drive in of the nail

Base materials

Approved for use in:

- Wood
- Chipboard
- Construction wood
- Plywood

Applications

- Aplicable for general purposes
- Setting up anchors and fixing grips
- Leading steel wires
- Temporary attachments

Index	Nail		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
T-GSK-30025-OC	2,8	25	5	5	800
T-GSK-30030-OC	3	30	5	5	800
T-GSK-35035-OC	3,5	35	5	5	800

T-GS Spiral shank nail

Spiral shank nails for connecting hard and dense wooden construction elements

Features and benefits

- Specifically designed for use with hardwoods and dense materials
- Manufactured in accordance with DIN 68163A
- Made of low carbon cold drawn steel wire

Base materials

Approved for use in:

- Wood
- Construction wood
- Chipboard
- Exotic Wood
- Plywood
- Wood with metal

Applications

- Flooring, siding, decking, pallets and truss rafters
- Wooden constructions
- Wooden fences
- Wooden roof constructions
- Pergolas, bowers, sheds
- Exotic wood and dense material constructions

Index	Nail		Quantity		
	Diameter	Length	Outer	Outer	Pallet
	mm		kg		
Black nails					
T-GS-30060	3	60	5	5	800
T-GS-35070	3,5	70	5	5	800
T-GS-35080	3,5	80	5	5	800
T-GS-35090	3,5	90	5	5	800
T-GS-35100	3,5	100	5	5	800
T-GS-45125	4,5	125	5	5	800
Galvanized nails					
T-GS-30050-OC	3	50	5	5	800
T-GS-35070-OC	3,5	70	5	5	800
T-GS-35080-OC	3,5	80	5	5	800
T-GS-35090-OC	3,5	90	5	5	800
T-GS-35100-OC	3,5	100	5	5	800
T-GS-45125-OC	4,5	125	5	5	800

T-GST Carpentry Nail

Carpentry nails for fixing of small wooden elements

Features and benefits

- Made of low carbon cold drawn steel wire
- Diamond shaped sharp point for easy drive in of the nail
- Smooth shank provides versatility for everyday use
- Solid head providing rigid striking surface

Base materials

Approved for use in:

- Wood
- Chipboard
- Plywood

Applications

- Applicable for general purposes
- Temporary attachments
- Lightweight elements fastening
- Wooden cases, boxes, bins, coffers, lockers
- Wooden frames for pictures and paintings

Index	Nail		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm		kg		
Black nails					
T-GST-12020	12	20	5	5	800
T-GST-14025	14	25	5	5	800
T-GST-16030	16	30	5	5	800
T-GST-18035	18	35	5	5	800
T-GST-20040	20	40	5	5	800
T-GST-22050	22	50	5	5	800
Galvanized nails					
T-GST-14020-OC	14	20	5	5	800
T-GST-14025-OC	14	25	5	5	800
T-GST-16030-OC	16	30	5	5	800
T-GST-18035-OC	18	35	5	5	800
T-GST-20040-OC	20	40	5	5	800
T-GST-22050-OC	22	50	5	5	800
Copper nails					
T-GST-12020-CU	12	20	5	5	800
T-GST-14025-CU	14	25	5	5	800
T-GST-16030-CU	16	30	5	5	800
T-GST-18035-CU	18	35	5	5	800
T-GST-20040-CU	20	40	5	5	800
T-GST-22050-CU	22	50	5	5	800

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I-6334 Rod connector DIN 6334

Disigned for connecting two male-threaded components. Finished in zinc electroplated coating for enhanced corrosion resistance

Features and benefits

- Quick and easy installation
- Removable - screw may be removed and reinserted
- Threaded rod made of carbon steel class 8.8 is suitable for outdoor use and in damp conditions

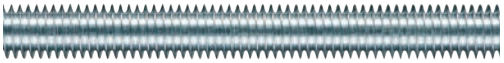
Applications

- Steel construction
- Balustrading
- For fastening of threaded rods or bolts
- Heavy machinery
- Radiators
- Railings
- Shelves
- Signs
- Steel columns
- Steelwork
- Supports
- Wood boards

Index	Nut		Quantity		
	Diameter	Size	Box	Outer	Pallet
	mm		pcs		
I-6334-05-ZN	M5	8x15	250	4000	180000
I-6334-06-ZN	M6	10x18	250	3000	90000
I-6334-08-ZN	M8	13x24	250	250	19200
I-6334-10-ZN	M10	16x30	125	500	22500
I-6334-12-ZN	M12	19x36	75	300	13500
I-6334-14-ZN	M14	21x42	40	160	1800
I-6334-16-ZN	M16	24x48	150	150	5400
I-6334-20-ZN	M20	30x60	20	40	3600
I-6334-24-ZN	M24	37x72	10	10	660

975 Threaded rod

Threaded rods are designed for connecting threaded components



Features and benefits

- Available in zinc plated and stainless steel versions
- Material: Electroplated steel Class 4.8
- Available in 1 or 2 meters length

Applications

- Steel construction
- Balustrading
- General wood joints
- Steelwork
- Steel constructions
- Wood constructions

Index	Diameter	Length	Quantity		
			Box	Outer	Pallet
		mm	pcs		
Rods 1 m					
975-05-1000-48-ZN	M5	1000	50	50	7200
975-06-1000-48-ZN	M6	1000	50	50	5000
975-08-1000-48-ZN	M8	1000	50	50	3000
975-10-1000-48-ZN	M10	1000	25	25	2000
975-12-1000-48-ZN	M12	1000	20	20	1300
975-14-1000-48-ZN	M14	1000	20	20	1000
975-16-1000-48-ZN	M16	1000	10	10	7000
975-20-1000-48-ZN	M20	1000	10	10	500
975-24-1000-48-ZN	M24	1000	5	5	350
975-30-1000-48-ZN	M30	1000	5	5	200
Rods 2 m					
975-06-2000-48-ZN	M6	2000	25	25	2600
975-08-2000-48-ZN	M8	2000	25	25	1500
975-10-2000-48-ZN	M10	2000	25	25	1000
975-12-2000-48-ZN	M12	2000	20	20	600
975-14-2000-48-ZN	M14	2000	10	10	450
975-16-2000-48-ZN	M16	2000	10	10	350
975-20-2000-48-ZN	M20	2000	5	5	240

Retail Offer
BLISTERS

UNIVERSAL

KD Frame fixing with long expansion zone - hexagonal head

Frame fixing with long expansion zone, ideal for anchoring in borehole materials and aerated concrete

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KD10080	80x180	10	80	6,8	90	6	6
B-KD10100	80x180	10	100	6,8	110	6	6
B-KD10120	80x180	10	120	6,8	130	6	6

KDS Frame fixing with long expansion zone - countersunk pozidrive

Frame fixing with long expansion zone, ideal for anchoring in borehole materials and aerated concrete

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KDS08100	80x180	8	100	4,9	110	4	12
B-KDS08120	80x180	8	120	4,9	130	4	12
B-KDS10080	80x180	10	80	6,8	90	6	6
B-KDS10100	80x180	10	100	6,8	110	6	6
B-KDS10120	80x180	10	120	6,8	130	6	6

KD Frame fixing with long expansion zone with angle hook

Frame fixing with long expansion zone, ideal, for anchoring in aerated concrete and hollow materials

Index	Pack size	Hook		Plug		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KD-10080K	80x180	70	100	10	80	2	6
B-KD-10100K	80x180	70	120	10	100	2	6

KPM Sanitary fastening kit with universal pin, white

Easy-to-install WC fixings giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KPM100/U	80x180	10	50	8	80	2	6

UNIFIX Universal plug

High quality nylon extension plug for all types of substrates

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-UNIFIX-05	80x110	5	25	24	12
B-UNIFIX-06	80x110	6	30	20	12
B-UNIFIX-08	80x110	12	40	12	12
B-UNIFIX10	80x180	10	50	8	12

UNIFIX Universal plug with screw

High quality nylon extension plug for all types of substrates

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
B-UNIFIX-05+	80x110	5	25	3,5	30	14	12
B-UNIFIX-06+	80x110	6	30	4,5	50	12	12
B-UNIFIX-06L+	80x180	6	50	8	80	4	12
B-UNIFIX-08+	80x110	8	40	5	60	8	12
B-UNIFIX10+	80x180	10	50	6	60	6	12

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UNIVERSAL

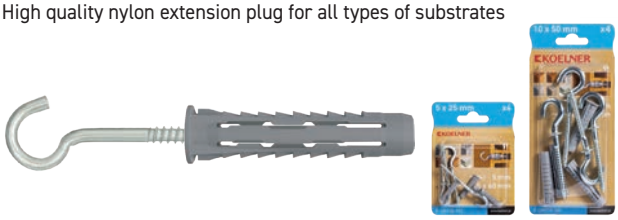
UNIFIX Universal plug with angle hook

High quality nylon extension plug for all types of substrates

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
B-UNIFIX-05K	80x110	5	25	3,5	30	4	16
B-UNIFIX-06K	80x110	6	30	4,5	50	4	16
B-UNIFIX-08K	80x110	8	40	5	60	4	8
B-UNIFIX-10K	80x180	10	50	6	60	6	12

UNIFIX Universal plug with round hook

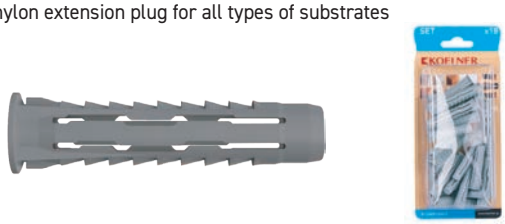
High quality nylon extension plug for all types of substrates



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
B-UNIFIX-05S	80x180	5	25	3,5	30	4	16
B-UNIFIX-06S	80x180	6	30	4,5	50	4	16
B-UNIFIX-08S	80x180	8	40	5	60	4	12
B-UNIFIX-10S	80x180	10	50	6	60	4	12

UNIFIX Universal plug MIX

High quality nylon extension plug for all types of substrates



Index	Pack size	Produkt				Quantity [pcs]	
		Kind	Diameter	Length	Quantity	Box OJ	Outer OZ
	mm	mm					
B-UNIFIXMIX	80x180	UNIFIX06	6	30	8	8	6
		UNIFIX08	8	40	6	6	
		UNIFIX10	10	50	4	4	

ISO PLUG Insulation fixings

Plug for fastening light loads directly in the insulated façade with a screw diameter of 4-4.5 mm

Index	Pack size	Fastener	Quantity [pcs]	
		Length	Box OJ	Outer OZ
	mm	mm		
B-ISO50	80x180	52	4	6
B-ISO90	80x180	82	2	6

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SOLID **WALLS**

FIX Expansion Plug

Easy-to-install plug giving exceptional performance in solid base materials

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FIXK05	80x180	5	25	30	12
B-FIXK06	80x180	6	30	30	12
B-FIXK08	80x180	8	40	16	12
B-FIXK10	80x180	10	50	10	12
B-FIXK12	80x180	12	60	6	12
B-FIXK14	80x180	14	70	4	12

FIX+ Expansion plug with screw

Easy-to-install plug with screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX05+	80x110	5	25	3,5	30	14	16
B-FIX06+	80x110	6	30	3,5	30	12	16
B-FIX06+435	80x110	6	30	4	35	10	16
B-FIX06+450	80x110	6	30	4	50	8	16
B-FIX08+	80x110	8	40	5	45	6	8
B-FIX08+460	80x110	8	40	45	60	6	16
B-FIX08+550	80x110	8	40	5	50	4	16
B-FIX10+560	80x180	10	50	5	60	8	12
B-FIX10+660	80x180	10	50	6	60	6	12

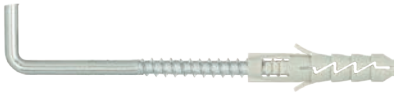
FIX+ Expansion plug with screw + DRILL

Easy-to-install plug giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		The diameter of the drill	Quantity [pcs]	
		Diameter	Length	Diameter	Length		Box OJ	Outer OZ
	mm	mm						
B-FIX-05+D	80x180	5	25	3,5	30	5	14	12
B-FIX-06+/D	80x180	6	30	3,5	30	6	12	12
B-FIX-08+/D	80x180	8	40	5	45	8	10	12
B-FIX-10+/D	80x180	10	50	5	60	10	8	12

FIX Expansion Plug with Angle Hook

Easy-to-install plug with angle giving exceptional performance in solid base materials



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX06K	80x110	6	30	4,5	35	6	16
B-FIX08K	80x110	8	40	5	50	4	16
B-FIX10K	80x180	10	50	6	55	4	12
B-FIX12K	80x180	12	60	8	65	3	12
B-FIX-14K	80x180	14	70	10	80	2	12

FIX Expansion Plug with Pig Tail Hook

Easy-to-install plug with pig tail hook giving exceptional performance in solid base materials.

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX12H	80x180	12	60	8	130	1	6

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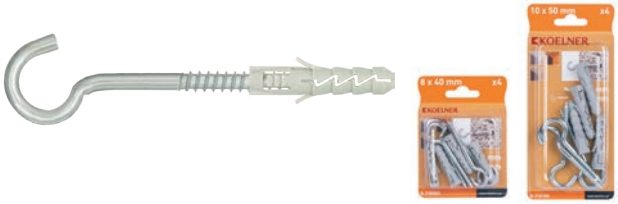
SOLID **WALLS**

FIX Expansion Plug with Round Hook

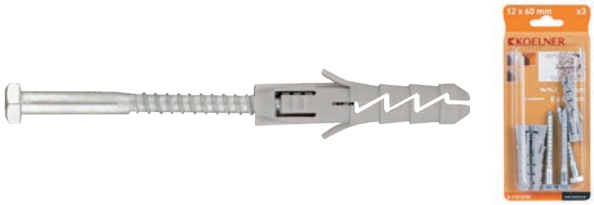
Easy-to-install plug with round hook giving exceptional performance in solid base materials



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX06S	80x110	6	30	4,5	50	6	16
B-FIX08S	80x110	8	40	5	65	4	16
B-FIX10S	80x180	10	50	6	85	4	12

FIX+HEX Expansion Plug with Hexagonal Head Screw

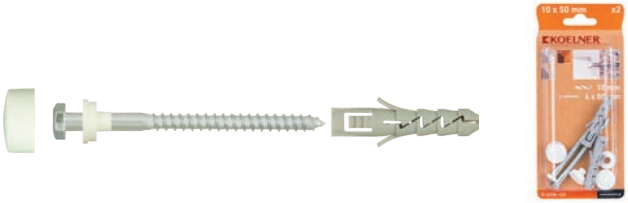
Easy-to-install plug with hex head screw giving exceptional performance in solid base materials



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX10/100	80x180	10	50	6.0	100	4	12
B-FIX10/660	80x180	10	50	6.0	60	5	12
B-FIX10/680	80x180	10	50	6.0	80	4	12
B-FIX12/60	80x180	12	60	8.0	60	3	12
B-FIX12/80	80x180	12	60	8.0	80	3	12
B-FIX12/100	80x180	12	60	8.0	100	2	12
B-FIX14/80	80x180	14	70	10	80	2	12

KPM Sanitary fastening kit, white/silver

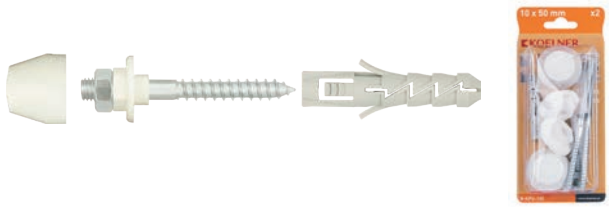
Easy-to-install WC fixings giving exceptional performance in solid base materials



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KPM-100	80x180	10	50	6	80	2	12
B-KPM-100S	80x180	10	50	6	80	2	12

KPU Washbasin Fixing Set white/silver

Easy-to-install washbasin fixings giving exceptional performance in solid base materials



Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KPU-100	80x180	10	50	8	80	2	6
B-KPU120	80x180	12	60	8	100	1	6
B-KPU140	80x180	12	60	8	120	1	6
B-KPU-141	80x180	14	70	10	140	2	6

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SOLID **WALLS**

FIX-K+ Expansion Plug with Collar and Screw

Easy-to-install plug with collar and screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		The diameter of the drill	Quantity [pcs]	
		Diameter	Length	Diameter	Length		Box OJ	Outer OZ
	mm	mm						
FIX-K+Expansion Plug with Collar and Screw								
B-FIX-K06+340	80x110	6	30	3,5	40	-	15	8
B-FIX-K08+	80x110	8	40	5	45	-	8	8

FIX-K Expansion Plug with Collar and Angle Hook

Easy-to-install plug with collar and angle hook giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX-K06K	80x110	6	30	4,5	35	6	8
B-FIX-K08K	80x110	8	40	5	65	6	8

FIX-K Expansion Plug with Collar and Round Hook

Easy-to-install plug with round hook giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX-K06S	80x110	6	30	4,5	50	6	8
B-FIX-K08S	80x110	8	40	5	65	4	8

FIX+HEX Expansion Plug with Hexagonal Head Screw

Easy-to-install plug with hexagonal head screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-FIX-K10/660	80x180	10	50	6	60	2	12

FX-C Hammer-in fixing with cylinder head

The hammer-in fixing for fast, simple, cost-effective installations.

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FXK-05C025	80x180	5	20	22	12
B-FXK-06C035	80x180	6	35	16	12
B-FXK-06C040	80x180	6	40	14	12
B-FXK-06C060	80x180	6	60	12	12
B-FXK-06C080	80x180	6	80	10	12
B-FXK-08C060	80x180	8	60	10	6
B-FXK-05C035	80x180	5	35	18	12
B-FXK-08C080	80x180	8	80	8	6
B-FXK-08C100	80x180	8	100	6	6
B-FXK-08C120	80x180	8	120	4	6

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SOLID **WALLS**

FX-L Hammer-in fixing with countersunk head

The hammer-in fixing for fast, simple, cost-effective installations

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FXK-05L030	80x180	5	30	22	12
B-FXK-05L040	80x180	5	40	18	12
B-FXK-05L050	80x180	5	50	16	12
B-FXK-06L040	80x180	6	40	18	12
B-FXK-06L050	80x180	6	50	10	12
B-FXK-06L060	80x180	6	60	16	6
B-FXK-06L080	80x180	6	80	12	6
B-FXK-08L045	80x180	8	45	14	6
B-FXK-08L060	80x180	8	60	12	6
B-FXK-08L080	80x180	8	80	10	6
B-FXK-08L100	80x180	8	100	8	6
B-FXK-08L120	80x180	8	120	6	6

FX-K Hammer-in fixing with Collar

The hammer-in fixing for fast, simple, cost-effective installations.

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FXK-06K040	80x180	6	40	18	6
B-FXK-06K060	80x180	6	60	16	6
B-FXK-06K080	80x180	6	80	12	6

KKS Frame fixing with short expansion zone - countersunk pozidrive

Frame fixing with short expansion zone for fastening in concrete and solid brick

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KKS08060	80x180	8	60	4,9	65	6	12
B-KKS08080	80x180	8	80	4,9	85	6	12
B-KKS08100	80x180	8	100	4,9	105	4	12
B-KKS08120	80x180	8	120	4,9	125	4	12
B-KKS10100	80x180	10	100	6,8	105	6	6
B-KKS10120	80x180	10	120	6,8	125	6	6

KKD Frame fixing with short expansion zone - hexagonal head

Frame fixing with short expansion zone for fastening in concrete and solid brick

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-KKD10100	80x180	10	100	6,8	105	6	6
B-KKD10120	80x180	10	120	6,8	125	6	6

KMW Metal hammer fixing

For light fixings of metal constructions and sheet metal to solid base materials

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-KMW06040	80x180	6	40	8	12
B-KMW06050	80x180	6	50	6	12

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SOLID **WALLS**

ST Expansion sleeve

Expansion sleeve anchor with internal thread for simple hammer-in installation

Index	Pack size	Sleeve			Quantity [pcs]	
		Hole Diameter	Diameter	Length	Box OJ	Outer OZ
	mm	mm				
B-ST06	80x110	8	6	25	10	16
B-ST08	80x110	10	8	30	8	16
B-ST10	80x110	12	10	40	6	16
B-ST12	80x110	15	12	50	4	16
B-ST16	80x110	20	16	65	2	8

TM Brass sleeve

Brass anchor for medium loads suitable for all screws and studs with a metric thread

Index	Pack size	Sleeve		Quantity [pcs]	
		Length	Hole Diameter	Box OJ	Outer OZ
	mm	mm			
B-TM05	80x110	20	7	8	16
B-TM06	80x110	22	8	6	16
B-TM08	80x110	30	10	4	16
B-TM10	80x110	32	12	2	16
B-TM-12	80x110	38	15	10	16
B-TM16	80x110	43	20	2	8

KGS Aerated Concrete anchor

Metal plug for fixing screws in solid base materials

Index	Pack size	Plug		Screw	Quantity [pcs]	
		Diameter	Length	Length	Box OJ	Outer OZ
	mm	mm				
B-KGS0632	80x110	6	32	32	4	16
B-KGS0838	80x110	8	38	38	4	16
B-KGS0860	80x110	8	60	60	4	16
B-KGS1060	80x110	10	60	60	4	16

KTS The expansion anchor with a hook

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-KTS-08050	80x180	8	50	4	12

O Metal frame anchor

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-O-10072	80x180	10	72	4	12
B-O-10092	80x180	10	92	4	12
B-O-10112	80x180	10	112	4	12

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PLASTERBOARD

DRA02 Self-drill fixing for drywall with a screw

Self-drilling metal fixing for use in plasterboard sheets and gypsum fibreboards

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	w Box	Outer OZ
B-DRA-02S/4	80x110	13	31	3,9	32	4	8

DRA03 Self-drill fixing for drywall

Self-drilling metal fixing for use in plasterboard sheets and gypsum fibreboards

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-DRA03	80x110	14	32	4	16

DRA-01L Nylon self-drilling drywall fixing

Nylon self-drilling drywall fixing for single and double plasterboard

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-DRA-01L/20	80x180	16	46	20	6
B-DRA-01L/6	80x110	16	46	6	8

DRA-01L+ Nylon self-drilling drywall fixing

Self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards

Index	Pack size	Fixing		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-DRA-01L+/16	80x180	16	46	4	40	16	6
B-DRA-01L+/4	80x110	16	46	4	40	4	8

FS for sheet metal

Drywall screw with fine thread for plasterboard fixing for metal frame

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FS3519	80x180	3,5	19	100	12
B-FS3525	80x180	3,5	25	200	6
B-FS3532	80x180	3,5	32	80	12
B-FS3535	80x180	3,5	35	150	6
B-FS3545	80x180	3,5	45	120	6
B-FS3555	80x180	3,5	55	100	6
B-FS4270	80x180	4,2	70	60	6
B-FS4890	80x180	4,8	120	25	6
B-FS48100	80x180	4,8	100	25	6
B-FS48110	80x180	4,8	110	15	12
B-FS48120	80x180	4,8	120	15	12

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PLASTERBOARD

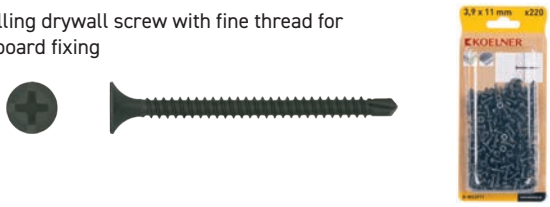
FT for plasterboard-wood

Drywall screw for fixing plasterboards to wooden framing

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-FT3525	80x180	3,5	25	200	6
B-FT3535	80x180	3,5	35	150	6
B-FT3545	80x180	3,5	45	120	6
B-FT3555	80x180	3,5	55	100	6
B-FT4270	80x180	4,2	70	60	6
B-FT48100	80x180	4,8	100	25	6
B-FT48110	80x180	4,8	110	15	12
B-FT48120	80x180	4,8	120	15	12
B-FS4890	80x180	4,8	120	25	6

WS Self-drilling drywall screws

Self-drilling drywall screw with fine thread for plasterboard fixing



Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-WS3525	80x180	3,5	25	200	6
B-WS3535	80x180	3,5	35	160	6
B-WS3545	80x180	3,5	45	130	6
B-WS3595	80x180	3,5	9,5	250	12
B-WS3911	80x180	3,9	11	220	12
B-WS-3911OC	80x180	3,9	11	200	12

GS Ceiling wedge anchor

Cost-effective solution ideal for anchoring any type of ceiling suspension

Index	Pack size	Anchor		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GS-06040	80x110	6	40	4	8

SPO Spring toggle

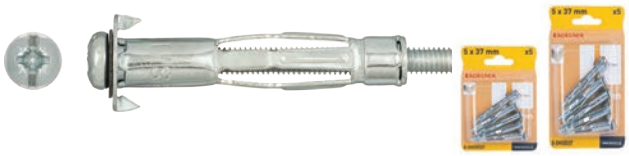
Metal screw with hook for walls made of plasterboard for installation in double thickness board

Index	Pack size	Plug	Screw		Quantity [pcs]	
		Diameter	Diameter	Length	Box OJ	Outer OZ
	mm	mm	mm			
B-SPO-450	80x110	12	M4	50	2	16
B-SPO-475	80x180	14	round hook		2	12
B-SPO475Z	80x180	14	eye hook		2	12
B-SPO5080Z	80x180	14	eye hook		2	12

PLASTERBOARD

SM Interset

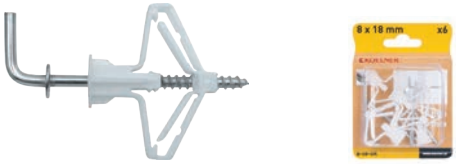
Zinc-plated metal fixing with metric screw for permanent anchorages in cavity walls



Index	Pack size	Plug		The diameter of the drill	Quantity [pcs]	
		Diameter	Length		Box OJ	Outer OZ
	mm	mm				
B-SM04020	80x110	M4	20	8	5	16
B-SM04032	80x110	M4	32	8	5	16
B-SM04046	80x110	M4	46	8	5	16
B-SM04059	80x110	M4	59	8	5	8
B-SM05037	80x110	M5	37	10	5	8
B-SM05052	80x110	M5	52	10	5	8
B-SM05065	80x110	M5	65	10	3	8
B-SM06037	80x110	M6	37	12	3	8
B-SM06052	80x110	M6	52	12	3	8
B-SM06065	80x110	M6	65	12	2	8
B-SM04032K	80x110	M4	32	8	5	16
B-SM04032S	80x110	M4	32	8	5	8
B-SM06080	80x180	M6	80	11	3	12

GK Plastic Toggle with Angle Hook

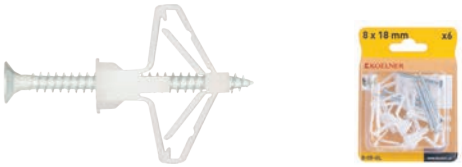
Toggle allows multiple assembly of the element fixed in thin-walled plates



Index	Pack size	Screw		Quantity [pcs]	
		Drilling diameter	Min. thickness of substrate	Box OJ	Outer OZ
	mm	mm			
B-08-GK	80x110	8	12,5	6	8
B-10-GK	80x110	10	9,5	4	8

GL Plastic Toggle with Countersunk Screw

Toggle allows multiple assembly of the element fixed in thin-walled plates



Index	Pack size	Screw		Quantity [pcs]	
		Drilling diameter	Min. thickness of substrate	Box OJ	Outer OZ
	mm	mm			
B-08-GL	80x110	8	12,5	6	8
B-10-GL	80x110	10	9,5	4	8

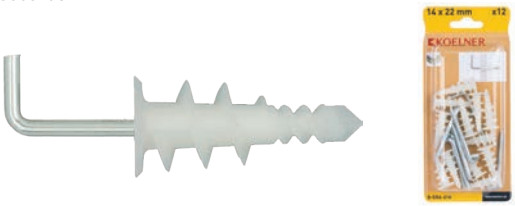
DRA Self-drill fixing for drywall

Self-drilling nylon fixing for use in plasterboard sheets and gypsum fibreboards

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-DRA-01/20	80x180	14	22	20	12
B-DRA-01/6	80x110	14	22	6	8

DRA Self-drill fixing for drywall with a hook angle

Self-drilling nylon fixing for use in plasterboard sheets and gypsum fibreboards



Index	Pack size	Fixing		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-DRA-01K	80x180	14	22	4,5	50	12	12

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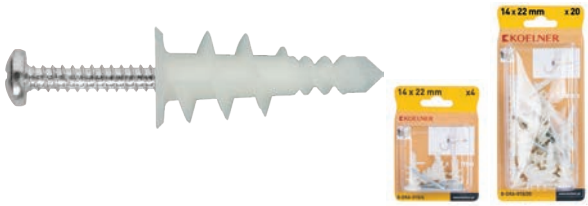
PLASTERBOARD

DRA Self-drill fixing for drywall

Self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards



Index	Pack size	Fixing		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-DRA-01S/20	80x180	14	22	3,9	32	20	6
B-DRA-01S/4	80x110	14	22	3,9	32	4	8

DRA02 Metal self-drill fixing for drywall

A self-drilling light-duty metal fixing for use in plasterboard sheets

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-DRA02	80x110	13	31	4	16

DRA02 Self-drill fixing for drywall with a hook angle

Self-drilling metal fixing for use in plasterboard sheets and gypsum fibreboards

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
B-DRA-02K	80x110	13	31	4,5	50	4	16

TIMBER

UC Hardened counterhead screws

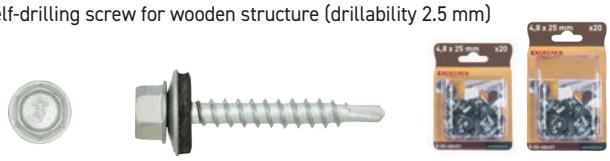
Hardened screws for wood and chipboard

Index	Pack size	Screw		Fixture	Quantity [pcs]	
		Diameter	Length	Maximum thickness	Box OJ	Outer OZ
	mm	mm				
B-UC-2510	80x110	2,5	10	-	50	16
B-UC-2512	80x110	2,5	12	-	50	16
B-UC-2516	80x110	2,5	16	2	50	16
B-UC-3010	80x110	3			50	16
B-UC-3012	80x110	3	12	-	50	16
B-UC-3016	80x110	3	16	4	45	16
B-UC-3020	80x110	3	20	8	40	16
B-UC-3025	80x110	3	25	13	40	16
B-UC-3030	80x110	3	30	18	35	16
B-UC-3035	80x110	3	35	23	30	16
B-UC-3040	80x110	3	40	28	25	16
B-UC-3512	80x110	3,5	12	-	50	16
B-UC-3516	80x110	3,5	16	3	45	16
B-UC-3520	80x110	3,5	20	7	40	16
B-UC-3525	80x110	3,5	25	12	40	16
B-UC-3530	80x110	3,5	30	17	35	16
B-UC-3535	80x110	3,5	35	22	30	16
B-UC-3540	80x110	3,5	40	27	26	16
B-UC-3545	80x110	3,5	45	32	25	16
B-UC-3516-B*	80x110	3,5	16	2	45	16
B-UC-3525-B*	80x110	3,5	25	12	38	16
B-UC-3530-B*	80x110	3,5	30	16	35	16
B-UC-3535-B*	80x110	3,5	35	22	30	16
B-UC-3550	80x110	3,5	50	37	22	16
B-UC-4016	80x110	4	16	1	40	16
B-UC-4020	80x110	4	20	5	40	16
B-UC-4025	80x110	4	25	10	30	16
B-UC-4030	80x110	4	30	15	25	16
B-UC-4035	80x110	4	35	20	25	16
B-UC-4040	80x110	4	40	25	22	16
B-UC-4050	80x110	4	50	35	18	16
B-UC-4060	80x110	4	60	45	16	16
B-UC-4025-B*	80x110	4	25	10	28	16
B-UC-4030-B*	80x110	4	30	15	25	16
B-UC-4035-B*	80x110	4	35	20	25	16
B-UC-4045	80x110	4	45	30	20	16
B-UC-4070	80x180	4	70	55	14	12
B-UC-4080	80x180	4	80	65	12	12
B-UC-4516	80x110	4,5	16	8	35	16
B-UC-4520	80x110	4,5	20	8	35	16
B-UC-4525	80x110	4,5	25	8	25	16
B-UC-4530	80x110	4,5	30	12	20	16
B-UC-4535	80x110	4,5	35	17	20	16
B-UC-4540	80x110	4,5	40	22	18	16
B-UC-4545	80x110	4,5	45	27	16	16
B-UC-4550	80x110	4,5	50	32	14	16
B-UC-4560	80x180	4,5	60	42	12	12
B-UC-4570	80x180	4,5	70	52	10	12
B-UC-5070	80x110	5	70	52	9	16
B-UC-5035	80x110	5	35	15	18	16
B-UC-5045	80x110	5	45	25	14	16
B-UC-6030	80x110	6	30	9	13	16
B-UC-6040	80x110	6	40	19	11	16
B-UC-6050	80x110	6	50	29	9	16
B-UC-6060	80x110	6	60	39	8	16
B-UC-6070	80x110	6	70	49	6	16
B-UC-6035	80x110	6	35	11	12	16
B-UC-6045	80x110	6	45	14	10	16
B-UC-6050-B*	80x110	6	50	26	10	16
B-UC-6110	80x180	6	110	86	5	12

* White zinc

OD Self-drilling screws for timber

Self-drilling screw for wooden structure (drillability 2.5 mm)



Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-OD-48035T	80x110	4.8	3.5	20	8
B-OD-48035T3009	80x110	4.8	3.5	20	8
B-OD-48035T8004	80x110	4.8	3.5	20	8
B-OD-48035T8017	80x110	4.8	3.5	20	8
B-OD-48035T9010	80x110	4.8	3.5	20	8
B-OD-48028T	80x110	4,8	28	20	8
B-OD-48028T3011	80x110	4,8	28	20	8
B-OD-48028T6020	80x110	4,8	28	20	8
B-OD-48028T7024	80x110	4,8	28	20	8
B-OD-48028T8004	80x110	4,8	28	20	8
B-OD-48028T8019	80x110	4,8	28	20	8
B-OD-48035	80x110	4,8	35	20	8
B-OD-48035T3011	80x110	4,8	35	20	8
B-OD-48035T6020	80x110	4,8	35	20	8
B-OD-48035T8019	80x110	4,8	35	20	8
B-OD-48055	80x180	4,8	55	20	6
B-OD-48055T	80x180	4,8	55	25	6

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TIMBER

HH Piggy tail hook

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-HH-60110	80x180	6	110	2	12
B-HH-80130	80x180	8	130	2	6

HK Angle Hook

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-HK-35	80x110	3,5	40	12	16
B-HK-45	80x110	4	45	8	16
B-HK-50	80x110	5	50	4	16
B-HK-60	80x110	6	50	4	16
B-HK-80	80x180	8	70	4	12

HO Eyelet hook

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-HO-3545	80x110	3,5	45	12	16
B-HO-3560	80x110	3,5	60	12	16
B-HO-4060	80x110	4	60	8	16

HS Ceiling hook

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-HS-35	80x110	3,5	50	12	16
B-HS-40	80x110	4	67	8	16
B-HS-50	80x110	5	60	8	8
B-HS-60	80x180	6	50	4	12
B-HS-80120	80x180	8	120	4	12

WD Timber stud screw

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-WD-06080	80x180	6	80	4	12
B-WD-08070	80x180	8	70	4	12
B-WD-08080	80x180	8	80	4	12
B-WD-08100	80x180	8	100	4	12
B-WD-08120	80x180	8	120	4	12
B-WD-10080	80x180	10	80	4	12
B-WD-10100	80x180	10	100	4	12
B-WD-10120	80x180	10	120	4	12

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METAL

127 Spring washer

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
B-127-05-ZN/50	80x110	M5	50	16
B-127-06-ZN/40	80x110	M6	40	16
B-127-08-ZN/30	80x110	M8	30	16
B-127-10-ZN/20	80x110	M10	20	16
B-127-12-ZN/12	80x110	M12	12	16
B-127-14-ZN/10	80x110	M14	10	16

1587 Cap nut

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
B-1587-06-ZN/10	80x110	M6	10	16
B-1587-08-ZN/10	80x110	M8	10	8
B-1587-10-ZN/4	80x110	M10	4	8
B-1587-12-ZN/4	80x110	M12	4	8

315 Wing nut

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
B-315-04-ZN/10	80x110	M4	10	16
B-315-05-ZN/10	80x110	M5	10	16
B-315-06-ZN/8	80x110	M6	8	16
B-315-08-ZN/8	80x110	M8	8	8
B-315-10-ZN/6	80x110	M10	6	8
B-315-12-ZN/6	80x110	M12	6	8

82202 Screw for metal with cylindrical head and cross cut

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-82202-0408-OC	80x110	M4	8	25	16
B-82202-0416-OC	80x110	M4	16	22	16
B-82202-0420-OC	80x110	M4	20	18	16
B-82202-0430-OC	80x110	M4	30	15	16
B-82202-0512-OC	80x110	M5	12	22	16
B-82202-0516-OC	80x110	M5	16	20	16

934 Hexagon nut A2

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
B-934-04-A2	80x110	M4	25	16
B-934-05-A2	80x110	M5	23	16
B-934-06-A2	80x110	M6	21	16
B-934-08-A2	80x110	M8	19	8
B-934-10-A2	80x110	M10	16	8
B-934-12-A2	80x110	M12	13	8

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METAL

965 Screws for metal

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-965-03016-ZN/40	80x110	M3	16	40	16
B-965-04025-ZN/25	80x110	M4	25	25	16
B-965-04035-ZN/15	80x110	M4	35	15	16
B-965-04040-ZN/15	80x110	M4	40	15	16
B-965-05040-ZN/10	80x110	M5	40	10	16
B-965-05060-ZN/10	80x110	M5	60	10	8
B-965-06030-ZN/10	80x110	M6	30	10	16

967 Screws for metal

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-967-04022-ZN/26	80x110	M4	22	26	16
B-967-04025-ZN/24	80x110	M4	25	24	16
B-967-04030-ZN/20	80x110	M4	30	20	16
B-967-04035-ZN/15	80x110	M4	35	15	16

GWB Construction nails - non-galvanized

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWB-1420	80x110	1,4	20	250	16
B-GWB-1430	80x110	1,4	30	150	16
B-GWB-2040	80x110	2,0	40	100	8
B-GWB-2250	80x110	2,2	50	60	8

GWB Construction nails - galvanized

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWB-22500C	80x110	2,2	50	60	8
B-GWB-25600C	80x110	2,5	60	40	8

GWS Carpentry nails

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWS-1220	80x110	1,2	20	300	16
B-GWS-1425	80x110	1,4	25	300	16
B-GWS-1630	80x110	1,6	30	200	16
B-GWS-1835	80x110	1,8	35	140	16
B-GWS-2040	80x110	2,0	40	100	16
B-GWS-2250	80x110	2,2	50	60	16

GWS Carpentry nails - copper

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWS-1220M	80x110	1,2	20	250	16
B-GWS-1425M	80x110	1,4	25	300	16
B-GWS-1630M	80x110	1,6	30	200	16
B-GWS-1835M	80x110	1,8	35	140	16
B-GWS-2040M	80x110	2	40	100	16
B-GWS-2250M	80x110	2,2	50	60	16

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METAL

GWS Carpentry nails -galvanized

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWS-12200C	80x110	1,2	20	300	16
B-GWS-14250C	80x110	1,4	25	300	16
B-GWS-16300C	80x110	1,6	30	200	16
B-GWS-18350C	80x110	1,8	35	140	16
B-GWS-20400C	80x110	2	40	100	16
B-GWS-22500C	80x110	2,2	50	60	16

GWT Upholstery nails

Index	Pack size	Nail		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-GWT-1616	80x110	1,6	16	200	16
B-GWT-1818	80x110	1,8	18	150	16
B-GWT-2020	80x110	2	20	120	16

ON Self-drilling screws

Self-drilling screws for fixing load-bearing and shielding sheets for roof and façade structure (drillability 12.0 mm)

Index	Pack size	Screw			Quantity [pcs]	
		Diameter	Length	Size podkładki	Box OJ	Outer OZ
	mm	mm				
B-ON-55032	80x110	5,5	32	-	12	8
B-ON-55032T	80x110	5,5	32	T14	12	8
B-ON-55038	80x110	5,5	38	-	12	8
B-ON-55038T	80x110	5,5	38	T14	12	8

OC Self-drilling screws

Self-drilling screws for fixing load-bearing and shielding sheets for roof and façade structures (drillability: 3.0, 6.0, 8.0 mm)

Index	Pack size	Screw			Quantity [pcs]	
		Diameter	Length	Size podkładki	Box OJ	Outer OZ
	mm	mm				
B-OC-48016T	80x110	4.8	16	T14	25	8
B-OC-48019T	80x110	4.8	19	T14	25	8
B-OC-48025T	80x110	4.8	25	T14	25	8
B-OC-48035T	80x110	4.8	35	T14	25	8
B-OC-48016	80x110	4,8	16	-	25	8
B-OC-48019	80x110	4,8	19	-	25	8
B-OC-48025	80x110	4,8	25	-	25	8
B-OC-48032	80x110	4,8	32	-	25	8
B-OC-48035	80x110	4,8	35	-	25	8
B-OC-48038	80x110	4,8	38	-	25	8
B-OC-48038T	80x110	4,8	38	T14	25	8
B-OC-48045	80x180	4,8	45	-	25	12
B-OC-48045T	80x180	4,8	45	T14	25	6
B-OC-48055	80x180	4,8	55	-	25	6
B-OC-48055T	80x180	4,8	55	T14	25	6

NPO Extended nuts

Extended hexagonal nut for connecting elements with the external thread

Index	Pack size	Nut		Quantity [pcs]	
		Diameter	Size	Box OJ	Outer OZ
	mm	mm			
B-NPO0525	80x110	65	8x15	12	16
B-NPO0628	80x110	6	10x18	10	16
B-NPO0828	80x110	8	13x24	8	16
B-NPO1030	80x110	10	16x30	6	8
B-NPO1240	80x110	12	19x36	4	8
B-NPO1448	80x110	14	14x48	2	8
B-NPO1645	80x110	16	24x48	2	8

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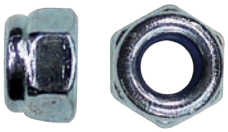
METAL

985 Self-locking nut



Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
B-985-04-ZN/30	80x110	M4	30	16
B-985-05-ZN/26	80x110	M5	26	16
B-985-06-ZN/20	80x110	M6	20	16
B-985-08-ZN/16	80x110	M8	16	8
B-985-10-ZN/12	80x110	M10	12	8
B-985-12-ZN/8	80x110	M12	8	8
B-985-16-ZN/4	80x110	M16	4	8

WF Wafer head self-drilling screws

Galvanized screws with platter head

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-WF-4213	80x110	4,2	13	100	8
B-WF-4216	80x110	4,2	16	100	8
B-WF-4219	80x110	4,2	19	50	8
B-WF-4222	80x110	4,2	22	50	8
B-WF-4225	80x110	4,2	25	50	8
B-WF-4232	80x110	4,2	32	40	8
B-WF-4250	80x110	4,2	50	20	8
B-WF-4240	80x110	4,2	40	30	8
B-WF-4265	80x180	4,2	65	20	12
B-WF-4275	80x180	4,2	75	20	12

WFS Wafer head self-drilling screws

Self-drilling screws galvanized with platter head(drilling depth 2.5 mm)

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-WFS-4213	80x110	4,2	13	100	8
B-WFS-4216	80x110	4,2	16	100	8
B-WFS-4219	80x110	4,2	19	50	8
B-WFS-4222	80x110	4,2	22	50	8
B-WFS-4225	80x110	4,2	25	50	8
B-WFS-4232	80x110	4,2	32	40	8
B-WFS-4240	80x110	4,2	40	30	8

PET EPDM Washers for self-drilling screws

Steel washer with EPDM

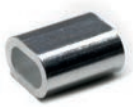
Index	Pack size	Size		Quantity [pcs]	
		Hole diameter	Size	Box OJ	Outer OZ
	mm	mm			
B-PET-14	80x110	6.0	14	10	16
B-PET-16	80x110	5	16	10	16
B-PET-19	80x110	6.8	19	8	16

Retail Offer
BAGS

K-S3-TUL Aluminium collet

NEW

Steel rope crimping sleeves collet



Features and benefits

- They are used to clamp ropes to make loops or connect sections
- Made of high quality aluminum, resistant to corrosion and wear and durable
- Easy installation, no need for bolts or nuts

Applications

- Rope clamping to make a loop or combining two parts
- Rope connection applications
- Hanging advertisements and signs
- Used in the production of rope slings

Index	Pack size	Rope diameter	Quantity	
			Box	Outer
	mm	mm	pcs	
K-S3-TUL-02/8	80x145	2,2	8	5
K-S3-TUL-03/6	80x145	3,3	6	5
K-S3-TUL-04/4	80x145	4,4	4	5
K-S3-TUL-05/4	80x145	5,5	4	5

K-S3-ZAC1 Single saddle rope clamp

NEW

Features and benefits

- It consists of three components: a body with bolts, a plate and nuts, which affect the compression of the two sections of rope when the nut is tightened
- Electrolytic galvanized coating
- Designed for round steel wire ropes

Applications

- For clamping and joining steel wire ropes and synthetic fibres
- Used in building and gardening area
- Dedicated to securing the ends of ropes and slings with and without eyelets

Index	Pack size	Rope diameter	Gwint	Length	Quantity	
					Box	Outer
	mm	mm		mm	pcs	
K-S3-ZAC1-02/4	80x145	2	M4	15	4	5
K-S3-ZAC1-03/4	80x145	3	M4	18	4	5
K-S3-ZAC1-04/2	80x145	4	M5	20	2	5
K-S3-ZAC1-05/2	80x145	5	M5	24	2	5

The diameter of the selected rope should be the same as the nominal clamp size

K-S3-ZAC2 Double saddle rope clamp

NEW

Features and benefits

- It consists of three elements: a body with bolts, a plate and nuts, that allow you to squeeze two sections of rope when tightening the nut
- Designed to secure the ends of ropes and loops with and without case, as statically loaded elements and for suspension operations
- Designed for round steel wire ropes
- Electrolytic galvanized coating

Applications

- Used for clamping and joining steel cables and artificial fibers
- Used in construction and horticulture
- Used for multi-weave ropes

Index	Pack size	Rope diameter	Gwint	Length	Quantity	
					Box	Outer
	mm	mm		mm	pcs	
K-S3-ZAC2-03/4	80x145	2	M4	30	4	5
K-S3-ZAC2-04/2	80x145	3	M4	35	4	5
K-S3-ZAC2-05/2	80x145	4	M5	40	2	5

The diameter of the selected rope should be the same as the nominal clamp size

K-S3-KUB Rope clamp

NEW

Bucket rope clamp

Features and benefits

- It consists of three elements: a body and a screw that allows you to squeeze two sections of rope when tightening the screw
- They are designed to secure the ends of ropes and loops with and without caust, as statically loaded elements and for suspension operations
- They are designed for steel ropes with round cross-section
- Electrolytic galvanized coating

Applications

- Used for clamping and joining steel cables and artificial fibers
- Used in construction and horticulture
- Used for multi-weave ropes

Index	Pack size	Rope diameter	Quantity	
			Box	Outer
	mm	mm	pcs	
K-S3-KUB-02/4	80x145	2	4	5
K-S3-KUB-03/4	80x145	3	4	5
K-S3-KUB-04/2	80x145	4	2	5
K-S3-KUB-05/2	80x145	5	2	5

Diameter dobieranej liny powinna być taka sama, jak nominalna wielkość zacisku.

K-S3-KAR Snap hook

NEW

Nickel-plated snap hook

Features and benefits

- Electrolytic galvanized coating
- Made of resistant nickel-plated steel
- Resistant to weather conditions and moisture
- For use in all conditions

Applications

- Used an element connecting ropes and chains
- Used with all kinds of attachments for ropes and chains
- For use in construction, horticulture, rescue, food industry machinery, sailing, as well as in competitive sports for e.g. mountain climbing

Index	Pack size	Length	Rope diameter	Quantity	
				Box	Outer
	mm	mm	mm	pcs	
K-S3-KAR-53/2	80x145	53	11,5	2	5
K-S3-KAR-67/1	80x145	67	12	1	5

K-S3-SPIN Chain clip with swivel

NEW

Chain clip with swivel

Features and benefits

- Electrolytic galvanized coating
- Chain clips with a swivel cannot be used in applications with other - safety requirements regulated by law or standards, e.g. for lifting loads
- Swivel prevents chain twisting

Applications

- End of chain or leash
- Designed for use in agriculture as equipment for connecting economic chains, and other general applications

Index	Pack size	Length	Rope diameter	Quantity	
				Box	Outer
	mm	mm	mm	pcs	
K-S3-SPIN-30/4	80x145	30	10	4	5
K-S3-SPIN-40/4	80x145	40	11,5	4	5
K-S3-SPIN-50/2	80x145	50	13,5	2	5

K-S3-OKR Swivel

NEW

Chain clip with swievel

Features and benefits

- Electrolytic galvanized coat
- Swivels cannot be used in applications with other - regulated by law or standards safety requirements, e.g. for lifting loads

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Applications

- Chain swivel
- Designed for use in agriculture as chain attachments economic and other general uses

Index	Pack size	Size	Quantity	
			Box	Outer
	mm	mm	pcs	
K-S3-OKR-04/2	80x145	4	2	5
K-S3-OKR-05/2	80x145	5	2	5

K-S3-ZAB Toggle

NEW

Pin lock - toggle

Features and benefits

- Electrolytic galvanized
- Quick and easy to use

Applications

- Used for safety devices, e.g. pins or as a beam plug
- Used in many types of agricultural and industrial machinery
- For securing pins and disconnected connections in agricultural machinery

Index	Pack size	Mandrel diameter	Hook diameter	Quantity	
				Box	Outer
	mm	mm	mm	pcs	
K-S3-ZAB-45/2	80x145	4,5	27,5	2	5
K-S3-ZAB-50/1	80x145	5	37,5	1	5
K-S3-ZAB-60/1	80x145	6	41	1	5

K-S3-OOK Swivel

NEW

Ring swivels for chain connections and ropes that require turning

Features and benefits

- Rotate freely even under load
- Made of low carbon steel
- Galvanized galvanic coating for improved corrosion resistance
- Eyelets hold the rope or chain steady during operation

Applications

- Ropes and fastening chains
- Applications for rope and chain connections requiring rotation
- Hanging advertisemen and signs
- Can be used for ropes resistant to turning (unscrewing)
- Anchor mounting, fastening of hooks

Index	Pack size	Length	Swirel diameter	Quantity	
				Box	Outer
	mm	mm	mm	pcs	
K-S3-OOK-06/1	80x145	72	22	1	5

K-S3-BL Single rope pulley with nylon sheave

NEW

Single rope pulley for hoisting up small loads and lightweight elements

Features and benefits

- Ideal for lifting small loads
- Made of low carbon steel
- Galvanized galvanic coating for improved corrosion resistance
- Swivel nylon wheels do not fray the rope and allow it to work for a long time
- Easy-spinning nylon wheels with special groove have high resistance for static loads
- Fixed eye securely holds the block during operation

Applications

- Lifting small loads, theater curtains, awnings, banners, advertisements, signboards
- Tensioning of rope railing and fencing systems
- Towing and lifting of components of moderate weight
- Small construction cranes

Index	Pack size	Length	Width	Swirel diameter	Quantity	
					Box	Outer
	mm	mm	mm	mm	pcs	
K-S3-BL-105/2	80x145	60	18	10	2	5
K-S3-BL-108/1	80x145	80	22	13	1	5

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K-S3-BL Double rope pulley with nylon sheave

NEW

Double rope pulley for hoisting up small loads and lightweight elements

Features and benefits

- Ideal for lifting small loads
- Made of low carbon steel
- Galvanized galvanic coating for improved corrosion resistance
- Swivel nylon wheels do not fray the rope and allow it to work for a long time
- Easy-spinning nylon wheels with special groove have high resistance for static loads
- Fixed eye securely holds the block during operation

Applications

- Lifting small loads, theater curtains, awnings, banners, advertisements, signboards
- Tensioning of rope railing and fencing systems
- Towing and lifting of components of moderate weight
- Small construction cranes

Index	Pack size	Length	Width	Swirel diameter	Quantity	
					Box	Outer
	mm	mm	mm	mm	pcs	
K-S3-BL-208/1	80x145	80	42	13	1	5

K-S3-KNN Snap hook with screw lock

NEW

Spring action gate snap hook for quick ropes and chains attachments

Features and benefits

- Manufactured to 5299D standard
- The round shape of the hooking ring ensures perfect guidance of the rope and protects it from possible damage
- Self-closing snap hook with twist lock increases the security of the hook and prevents the load from loosening
- Manufactured from low carbon steel
- Galvanised coating for improved corrosion resistance
- The spring-loaded snap hook is responsible for fast and secure fastening of the snap hook to different types of handles

Applications

- For general applications
- Joining chain and rope segments
- Repairing chains and fitting hitches
- Lifting of components of average weight
- Fixing anchors and attaching hooks

Index	Pack size	Length	Width	Swirel diameter	Quantity	
					Box	Outer
	mm	mm	mm	mm	pcs	
K-S3-KNN-04/1	80x145	40	4	4	1	5
K-S3-KNN-06/1	80x145	60	6	5	1	5
K-S3-KNN-08/1	80x145	80	8	9	1	5
K-S3-KNN-10/1	80x145	100	10	11	1	5

K-S3-KAU Thimble

NEW

Rope thimble to protect suspension gears against excessive stresses

Index	Pack size	Diameter liny	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-KAU-04/4	80x145	3	4	16
K-S3-KAU-05/4	80x145	5	3	16
K-S3-KAU-06/2	80x145	6	2	16
K-S3-KAU-08/2	80x145	8	2	16
K-S3-KAU-10/1	80x145	10	1	8
K-S3-KAU-12/1	80x145	12	1	8

K-S3-KN Snap hook without screw lock

NEW

Spring action gate snap hook for quick ropes and chains attachments

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-KN-06/1	80x145	6,0x60	1	16
K-S3-KN-08/1	80x145	8,0x80	1	12
K-S3-KN-10/1	80x145	10,0x100	1	12
K-S3-KN-12/1	80x145	12,0x140	1	12

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K-S3-OS S-Shaped Chain Hook

„S" chain hook for connecting chains and ropes

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-OS-04/4	80x145	4	5	16
K-S3-OS-05/4	80x145	5	3	16
K-S3-OS-06/2	80x145	6	2	16
K-S3-OS-07/1	80x145	7	1	16
K-S3-OS-08/1	80x145	8	1	12

K-S3-OSKR Quick Link with Screw Lock

Quick link with screw lock for connecting of chains and ropes

Index	Pack size	Diameter liny	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-OSKR-04/2	80x145	4	2	16
K-S3-OSKR-05/2	80x145	5	2	16
K-S3-OSKR-06/1	80x145	6	1	16
K-S3-OSKR-07/1	80x145	7	1	16
K-S3-OSKR-08/1	80x145	8	1	16
K-S3-OSKR-10/1	80x145	10	1	12
K-S3-OSKR-12/1	80x145	12	1	12

K-S3-Outer Quick Link without Screw Lock

Quick repair link for attachment and connecting parts of the chain

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-Outer-04/4	80x145	4	3	16
K-S3-Outer-05/2	80x145	5	2	8
K-S3-Outer-06/1	80x145	6	1	8

K-S3-SZE Straight shackle

Shakle for connecting ropes and chains

Index	Pack size	Size	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-SZE-05/4	80x145	5x10	3	16
K-S3-SZE-06/2	80x145	6x13	2	16
K-S3-SZE-08/1	80x145	8x17	1	8
K-S3-SZE-10/1	80x145	10x19	1	8
K-S3-SZE-12/1	80x145	12x25	1	6

K-S3-ZAC Wire rope clip

Wire rope clips for wire rope eye-loop connections or complete loops, end-to-end connections where socketing or splicing is not feasible or when a temporary joint is required

Index	Pack size	Diameter liny	Quantity [pcs]	
			Box OJ	Outer OZ
	mm	mm		
K-S3-ZAC-03/5	80x145	3	5	16
K-S3-ZAC-05/4	80x145	5	4	16
K-S3-ZAC-06/4	80x145	6	3	16
K-S3-ZAC-08/2	80x145	8	2	16
K-S3-ZAC-10/1	80x145	10	1	8
K-S3-ZAC-12/1	80x145	12	1	8

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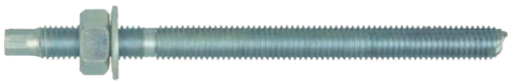
Retail Offer
PACKAGING FOR LOOSE PRODUCTS

R-STUDS Metric Threaded Rods - 5.8 HEX

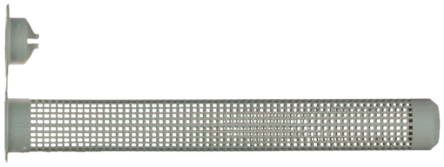
Threaded rod made of carbon steel for use with bonded anchors with hexagonal head



Size	Index	Anchor		Quantity [pcs]		
		Diameter	Length	Box	Outer	Pallet
		mm		pcs		
M8	K-P3-STUDS-08110	8	110	60	60	6480
M10	K-P3-STUDS-10130	10	130	50	50	2700
M12	K-P3-STUDS-12160	12	160	20	20	1080
M16	K-P3-STUDS-16190	16	190	20	20	1080

PLS Plastic Mesh Sleeves

Increases the efficiency of bonded anchor into boreholes materials by reducing the consumption of resin mortar and at the same time proper positioning of the rod



Index	Size		Quantity	
	Sleeve	Stud	Box	Outer
	mm		pcs	
K-P3-PLS-12050-10	12x50	M6-M8	80	80*
K-P3-PLS-16085-10	16x85	M8-M10	60	60*
K-P3-PLS-16130-10	16x130	M8-M10	40	40*
K-P3-PLS-20085-10	20x85	M16	40	40*

R-NOZ Mixer Nozzles

Static mixer for bonded anchors in cartridges

Index	Quantity	
	Box	Outer
	pcs	
K-P3-NOuter-10	60	60

KT Mechanical sleeve anchor

Index	Anchor		Drill diameter	Fixture	Quantity	
	Diameter	Length		Maximum thickness	Box	Outer
	mm				pcs	
K-P3-KT-08085	8	85	M6	45	100	100
K-P3-KT-10050	10	50	M8	5	100	100
K-P3-KT-10080	10	75	M8	25	100	100
K-P3-KT-10100	10	100	M8	45	100	100
K-P3-KT-10125	10	125	M8	75	5	50
K-P3-KT-12060	12	60	M10	2	50	50
K-P3-KT-12075	12	70	M10	15	50	50
K-P3-KT-12100	12	100	M10	35	40	40
K-P3-KT-12130	12	125	M10	70	40	40
K-P3-KT-16150	16	140	M12	75	20	20

KD/KD Frame fixing with long expansion zone - hexagonal head

Frame fixing with long expansion zone, ideal, for anchoring in aerated concrete and hollow materials

Index	Plug		Adapter	Screw		Quantity		
	Diameter	Length		Diameter	Length	Box	Outer	Pallet
	mm					pcs		
With straight screw								
K-P3-KD-10080	10	80	SW13	6,8	90	150	150	8100
K-P3-KD-10100	10	100	SW13	6,8	110	100	100	5400
K-P3-KD-10120	10	120	SW13	6,8	130	120	120	6480
K-P3-KD-10140	10	140	SW13	6,8	150	80	80	4320
K-P3-KD-10160	10	160	SW13	6,8	170	60	60	3240
K-P3-KD-10200	10	200	SW13	6,8	210	40	40	2160
K-P3-KD-10240	10	240	SW13	6,8	250	40	40	2160
With angle screw								
K-P3-KD-08140K	8	140	nd.	11,7	150	100	100	5400
K-P3-KD-10140K	10	140	nd.	11,7	150	100	100	5400
K-P3-KD-10160K	10	160	nd.	nd.	170	40	40	2160
K-P3-KD-10200K	10	200	nd.	nd.	210	80	80	4320

Each package as well as a single piece have a barcode label that facilitates sales.

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KDS Frame fixing with long expansion zone - countersunk pozidrive

Frame fixing with long expansion zone ideal for anchoring in aerated concrete and hollow materials

Index	Plug		Adapter	Screw		Quantity		
	Diameter	Length		Diameter	Length	Box	Outer	Pallet
	mm					pcs		
K-P3-KDS-08100	8	100	PZ3	4,9	110	150	150	8100
K-P3-KDS-08120	8	120	PZ3	4,9	130	100	100	5400
K-P3-KDS-08140	8	140	PZ3	4,9	150	120	120	6480
K-P3-KDS-10080	10	80	PZ4	6,8	90	100	100	5400
K-P3-KDS-10100	10	100	PZ4	6,8	110	120	120	6480
K-P3-KDS-10120	10	120	PZ4	6,8	130	100	100	5400
K-P3-KDS-10140	10	140	PZ4	6,8	150	80	80	4320
K-P3-KDS-10160	10	160	PZ4	6,8	170	60	60	3240
K-P3-KDS-10200	10	200	PZ4	6,8	210	40	40	2160
K-P3-KDS-10240	10	240	PZ4	6,8	250	40	40	2160

KKS Frame fixing with short expansion zone - countersunk pozidrive

Frame fixing with short expansion zone for fastening in concrete and solid brick

Index	Plug		Adapter	Screw		Fixture	Quantity		
	Diameter	Length		Diameter	Length	Maximum thickness	Box	Outer	Pallet
	mm						pcs		
K-P3-KKS-08060	8	60	PZ3	4,9	65	20	200	200	10800
K-P3-KKS-08080	8	80	PZ3	4,9	85	40	200	200	10800
K-P3-KKS-08100	8	100	PZ3	4,9	105	60	150	150	8100
K-P3-KKS-08120	8	120	PZ3	4,9	125	80	100	100	5400
K-P3-KKS-10100	10	100	PZ4	6,8	105	60	100	100	5400
K-P3-KKS-10120	10	120	PZ4	6,8	125	80	100	100	5400
K-P3-KKS-10140	10	140	PZ4	6,8	145	100	80	80	4320
K-P3-KKS-10160	10	160	PZ4	6,8	165	120	80	80	4320

KKD Frame fixing with short expansion zone - hexagonal head

Frame fixing with short expansion zone for fixing in concrete and solid brick

Index	Plug		Adapter	Screw		Fixture	Quantity		
	Diameter	Length		Diameter	Length	Maximum thickness	Box	Outer	Pallet
	mm						pcs		
K-P3-KKD-10140	10	140	SW13	6,8	145	100	80	80	4320
K-P3-KKD-10160	10	160	SW13	6,8	165	120	80	80	4320

WHO Frame screw

Frame screw for installation of windows and doors made of hard materials (steel)

Index	Screw		Fixture	Quantity		
	Diameter Screwu	Length	Maximum thickness	Box	Outer	Pallet
	mm			pcs		
K-P3-WHO-75132	7,5	135	102	150	150	8100
K-P3-WHO-75152	7,5	152	122	120	120	6480
K-P3-WHO-75182	7,5	182	152	100	100	5400

O Metal frame anchor

Metal frame anchor for window and door installation

Index	Anchor		Fixture	Quantity		
	Diameter	Length	Maximum thickness	Box	Outer	Pallet
	mm			pcs		
K-P3-O-10072	10	72	32	250	250	13500
K-P3-O-10092	10	92	52	200	200	10800
K-P3-O-10112	10	112	72	150	150	8100
K-P3-O-10132	10	132	92	150	150	8100
K-P3-O-10152	10	152	112	150	150	8100
K-P3-O-10182	10	182	142	150	150	8100
K-P3-O-10202	10	202	162	100	100	5400

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HR Scaffolding hook

The ideal interaction of the scaffold eyebolt and HRK plug allows for a high load-bearing capacity, thus providing increased safety

Index	Hole diameter	Length	Quantity	
			Box	Outer
	mm		pcs	
K-P3-HR-12120	12	120	25	25
K-P3-HR-12160	12	160	20	20
K-P3-HR-12190	12	190	18	18
K-P3-HR-12230	12	230	15	15
K-P3-HR-12300	12	300	12	12
K-P3-HR-12350	12	350	10	10

HRK Scaffolding plug

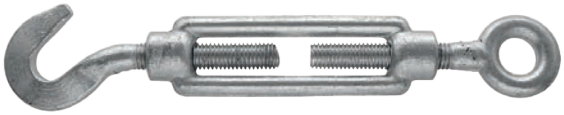
Easy-to-install plug giving exceptional performance in solid base materials

Index	Diameter	Quantity		
		Box	Outer	Pallet
	mm	pcs		
K-P3-HRK-14070	14	140	140	7560
K-P3-HRK-14100	14	110	110	5940
K-P3-HRK-14135	14	80	80	4320

K-P3-HO Hook-eye tensioner

NEW

Hook-eye tensioning turnbuckle



Features and benefits

- Made of low carbon steel
- Many applications in various industries
- The construction consists of two forged jaws with rolled thread
- Forged hook-eye connections are screwed at both ends of the forged tension jaw
- Galvanized galvanic coating for improved corrosion resistance
- Possibility of tensioning steel ropes and cables

Applications

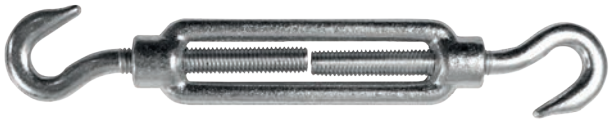
- Tensioning of perforated carpentry tapes
- They are used to act as a safety point and to create tension in the ropes surrounding a wrestling or boxing ring.
- Used in maritime transport to tension extraction elements and rigging of the ship
- In construction, they are often used to provide tension support for bridges hanging, large buildings and rope railings
- In aviation, they are used to tension cables and wires found in structures aircraft
- Voltage and length adjustment of steel wires, wires and ropes

Index	Thread diameter	Length	Maximum load	Quantity	
				Box	Outer
		mm	kg	pcs	
K-P3-416-06110-HO	M6	110	13	1	30
K-P3-416-08110-HO	M8	110	24	1	30
K-P3-416-10125-HO	M10	125	37	1	20

K-P3-HH Hook-hook tensioner

NEW

Hook-hook tensioning turnbuckle



Features and benefits

- Made of low carbon steel
- Many applications in various industries
- The construction consists of two forged jaws with rolled thread
- Forged hook-hook connections are screwed at both ends of the forged tension jaw
- Galvanized galvanic coating for improved corrosion resistance
- Possibility of tensioning steel ropes and cables

Applications

- Tensioning of perforated carpentry tapes
- They are used to act as a safety point and to create tension in the ropes surrounding a wrestling or boxing ring.
- Used in maritime transport to tension extraction elements and rigging of the ship · In construction, they are often used to provide tension support for bridges hanging, large buildings and rope railings
- In aviation, they are used to tension cables and wires found in structures aircraft
- Voltage and length adjustment of steel wires, wires and ropes

Index	Thread diameter	Length	Maximum load	Quantity	
				Box	Outer
		mm	kg	pcs	
K-P3-416-06110-HH	M6	110	13	1	30
K-P3-416-08110-HH	M8	110	24	1	30
K-P3-416-10125-HH	M10	125	37	1	20

Each package as well as a single piece have a barcode label that facilitates sales.

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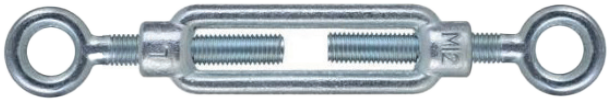
K-P3-OO Eye-eye tensioner

NEW

Eye-eye tensioning turnbuckle



Features and benefits

- Made of low carbon steel
- Many applications in various industries
- The construction consists of two forged jaws with rolled thread
- Forged eye-eye connections are screwed at both ends of the forged tension jaw
- Galvanized galvanic coating for improved corrosion resistance
- Possibility of tensioning steel ropes and cables

Applications

- Tensioning of perforated carpentry bands
- They are used to act as a safety point and to create tension in the ropes surrounding a wrestling or boxing ring
- Used in marine transport for tensioning of lashing components and ship's rigging
- In construction, they are often used to provide tension support for suspension bridges, large buildings and rope railings
- In aviation, are used to tighten cables and wires found in the construction of aircraft
- Adjustment of tension and length of steel wires, cables and ropes

Index	Thread diameter	Length	Maximum load	Quantity	
				Box	Outer
		mm	kg	pcs	
K-P3-416-06110-OO	M6	110	13	1	30
K-P3-416-08110-OO	M8	110	24	1	30
K-P3-416-10125-OO	M10	125	37	1	20

K-P3-T-H Lifting eye hook

NEW

Hook with ratchet for rope slings

Features and benefits

- Made of forged carbon steel, hot hardened
- Galvanized coating for improved corrosion resistance
- Includes spring-loaded clasp for greater hook safety and security suspended load before loosening
- Fixed forged hole securely holds the rope or chain during operation
- Manufactured according to DIN 689
- Very easy attachment of chains and ropes

Applications

- Applicable for general purposes
- Towing and raising of middle- and heavyweight elements
- Small construction cranes

Index	Maximum load	Quantity	
		Box	Outer
	kg	pcs	
K-P3-T-H-0250	250	1	30
K-P3-T-H-0500	500	1	30

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Retail Offer

TRADE PACK

SOLID **WALLS**

FX-L Hammer-in fixing with countersunk head

The hammer-in fixing for fast, simple, cost-effective installations

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-B3-05L030/70	125x190	5	30	70	15
K-B3-06L040/45	125x190	6	40	45	15
K-B3-06L040/85	125x250	6	40	85	12
K-B3-06L050/45	125x190	6	50	45	15
K-B3-06L060/45	125x250	6	60	45	12
K-B3-06L080/30	125x190	6	80	30	15
K-B3-08L045/30	125x190	8	45	30	15
K-B3-08L060/30	125x190	8	60	30	15
K-B3-08L080/30	125x250	8	80	30	12
K-B3-08L100/25	125x250	8	100	25	12
K-B3-08L120/20	125x250	8	120	20	12

FX-K Hammer-in fixing with collar

The hammer-in fixing for fast, simple, cost-effective installations

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-B3-06K040/45	125x190	6	40	45	15
K-B3-06K040/85	125x250	6	85	85	12
K-B3-06K060/45	125x250	6	60	45	12
K-B3-06K080/30	125x190	6	80	30	15

FIX+ Expansion Plug with Screw

Easy-to-install plug with screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
K-B3-FIX05+/100	125x190	5	25	3,5	30	100	15
K-B3-FIX06+/60	125x190	6	30	3,5	30	60	15
K-B3-FIX08+/45	125x190	8	40	5	45	45	15
K-B3-FIX10+560/35	125x250	10	50	5	60	35	12

FIX+HEX Expansion Plug with Hexagonal Head Screw

Easy-to-install plug with hexagonal head screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
K-B3-FIX10/660/25	190x250	10	50	6	6	25	12

FIX-K Expansion Plug with Collar and Angle Hook

Easy-to-install plug with collar and angle hook giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
K-B3-FIX08K/40	125x190	6	30	4,5	35	40	15
K-B3-FIX10K/25	125x190	8	40	5	65	25	12

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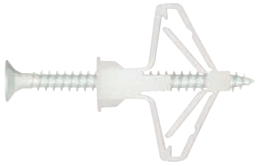
PLASTERBOARD

GL Plastic Toggle with Countersunk Screw

Plastic toggle, medium duty plasterboard fixing



Index	Pack size	Screw		Quantity [pcs]	
		Drilling diameter	Min thickness of substrates	Box OJ	Outer OZ
	mm	mm			
K-B3-08GL/35	125x190	8	12,5	35	15
K-B3-10GL/35	125x250	10	9,5	35	12

DRA Self-drill fixing for drywall

Self-drilling nylon fixing for use in plasterboard sheets

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-B3-DRA01/60	125x190	14	22	60	15

DRA Self-drill fixing for drywall

Self-drilling nylon fixing for use in plasterboard sheets

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
K-B3-DRA01S/40	125x190	14	22	3,9	32	40	15

DRA02 Metal self-drill fixing for drywall

A self-drilling metal fixing for use in plasterboard sheets

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-B3-DRA02/40	125x190	13	31	40	15

DRA02 Self-drill fixing for drywall with a screw

Self-drilling metal fixing for use in plasterboard sheets

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm					
K-B3-DRA02S/30	125x190	13	31	3,9	32	30	15

SM Interset

Zinc-plated metal fixing with metric screw for permanent anchorages in cavity walls

Index	Pack size	Plug		The diameter of the drill	Quantity [pcs]	
		Diameter	Length		Box OJ	Outer OZ
	mm	mm				
K-B3-SM04032/25	125x190	4	32	8	25	15
K-B3-SM05037/15	125x190	5	37	10	15	15
K-B3-SM05052/12	125x190	5	52	10	12	15

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UNIVERSAL

UNIFIX Universal plug with a screw

High quality nylon plug for all types of substrates

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-B3-UNIFIX06+/50	125x190	6	30	4,5	50	50	15
K-B3-UNIFIX08+/30	125x190	8	40	5	60	30	15
K-B3-UNIFIX10+/20	125x190	10	50	6	60	20	15
K-B3-UNI12/880/10	125x190	12	60	8	80	10	15*
K-B3-UNIFIX08L+/20	125x190	8	40	6	80	20	15

*hex head screw

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Retail Offer
COMBO PACK

SOLID **WALLS**

FX-K Hammer-in fixing with collar

The hammer-in fixing for fast, simple, cost-effective installations

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SL3-06K040	185x50x120	6	40	3,8	45	100	12
K-SL3-06K060	185x50x120	6	60	3,8	65	50	12
K-SL3-06K080	185x50x120	6	80	3,8	85	50	12

FX-L Hammer-in fixing with countersunk head

The hammer-in fixing for fast, simple, cost-effective installations

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
B-SL-05L030	185x50x120	5	30	3,3	33	100	12
B-SL-05L040	185x50x120	5	40	3,3	43	100	12
K-SL3-06L040	185x50x120	6	40	3,8	45	100	12
K-SL3-06L050	185x50x120	6	50	3,8	55	80	12
K-SL3-06L060	185x50x120	6	60	3,8	65	50	12
K-SL3-06L080	185x50x120	6	80	3,8	85	50	12
B-SL-08L060	185x50x120	8	60	4,8	65	25	12
B-SL-08L080	185x50x120	8	80	4,8	85	25	12
K-SL3-08L100	185x50x120	8	100	4,8	105	25	12
K-SL3-08L120	185x75x120	8	120	4,8	125	25	12
K-SL3-08L140	185x75x120	8	140	4,8	145	25	12
K-SL3-10L100	185x75x120	10	100	6,8	105	25	12

FIX+ Expansion plug with screw + DRILL

Easy to install plug with extremely high performance in solid substrates

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SLM3-FIX-05+	125x55x93	5	25	3,5	30	100	12
K-SLM3-FIX-06+	125x55x93	6	30	3,5	30	80	12
K-SLM3-FIX-06+435	125x55x93	6	30	4	35	80	12
K-SL3-FIX-08+460	185x50x120	8	40	4,5	60	100	12
K-SL3-FIX-08+	185x50x120	8	40	5	45	100	12
K-SL3-FIX-08+550	185x50x120	8	40	5	50	100	12
K-SL3-FIX-10+560	185x50x120	10	50	5	60	50	12
K-SL3-FIX-10+660	185x50x120	10	50	6	60	50	12

FIX Expansion Plug with Angle Hook

Easy-to-install plug with angle giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SLM3-FIX-08K	125x55x93	8	40	5	50	25	12
B-SL-FIX-10K	185x50x120	10	50	6	55	25	12

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SOLID WALLS

FIX+HEX Expansion Plug with Hexagonal Head Screw

Easy-to-install plug with hex head screw giving exceptional performance in solid base materials

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SL3-FIX-10/660	185x50x120	10	50	6,0	60	25	12
K-SL3-FIX-12/60	185x50x120	12	60	8,0	60	15	12
K-SL3-FIX-12/80	185x50x120	12	60	8,0	80	15	12

FIX Expansion Plug

Easy-to-install plug giving exceptional performance in solid base materials

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
B-SL-FIX-K06	185x50x120	6	30	200	12
B-SL-FIX-K08	185x50x120	8	40	100	12
B-SL-FIX-K10	185x50x120	10	50	150	12

PLASTERBOARD

FT for plasterboard-wood

Drywall screw for fixing plasterboards to wooden framing

Index	Pack size	Screw		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-SL3-FT-3525	185x50x120	3,5	25	1000	12
K-SL3-FT-3535	185x75x120	3,5	35	1000	6
K-SL3-FT-3545	185x75x120	3,5	45	500	6
K-SL3-FT-3555	185x50x120	3,5	55	200	12
K-SL3-FT-4270	185x75x120	4,2	70	200	6
K-SL3-FT-4890	185x50x120	4,8	90	100	12

FS Drywall screw - metal

Drywall screw with fine thread for plasterboard fixing for metal frame

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-SL3-FS-3525	185x50x120	3,5	25	1000	12
K-SL3-FS-3535	185x75x120	3,5	35	1000	6
K-SL3-FS-3545	185x75x120	3,5	45	500	6
K-SL3-FS-3555	185x50x120	3,5	55	200	12

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PLASTERBOARD

WS Self-drilling drywall screws

Drywall screw for fixing plasterboard to light gauge steel structures or for joining metal supporting profiles in drywall systems

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-SL3-WS-3525	185x75x120	3,5	52	1000	6
K-SL3-WS-3535	185x75x120	3,5	35	1000	6
B-SL-WS-3595	185x50x120	3,5	95	1000	12
B-SL-WS-3911	185x50x120	3,9	11	1000	12

DRA Self-drill fixing for drywall

Self-drilling nylon fixing for use in plasterboard sheets

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SL3-DRA-01PLUS	185x50x120	14	22	3,9	32	100	12

DRA Self-drill fixing for drywall

Self-drilling nylon fixing for use in plasterboard sheets

Index	Pack size	Plug		Quantity [pcs]	
		Diameter	Length	Box OJ	Outer OZ
	mm	mm			
K-SL3-DRA01	185x50x120	14	22	100	12

UNIFIX Universal plug with screw

High quality nylon extension plug for all types of substrates

Index	Pack size	Plug		Screw		Quantity [pcs]	
		Diameter	Length	Diameter	Length	Box OJ	Outer OZ
	mm	mm		mm			
K-SL3-UNIFIX10+660	125x55x187	10	50	6	60	30	12
K-SL3-UNIFIX6+4540	125x55x187	6	30	4,5	40	100	12
K-SL3-UNIFIX8+5060	125x55x187	8	40	5	60	60	12
K-SL3-UNIFIX8L+580	125x55x187	8	65	5	80	50	12

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Retail Offer

ROPES, CORDS, CHAINS, VELCRO, TAPPES

T-LS Steel ropes

Seel ropes for a variety of applications

Index	Diameter	Length	Minimalna siła zrywająca	Quantity	
				Box	Outer
	mm	mb	kg	pcs	
T-LS-015-10	1,5	10	132	1	80
T-LS-015-20	1,5	20	132	1	40
T-LS-02-10	2	10	240	1	50
T-LS-02-20	2	20	240	1	30
T-LS-03-10	3	10	378	1	30
T-LS-03-20	3	20	378	1	18
T-LS-04-10	4	10	678	1	18
T-LS-04-20	4	20	678	1	10
T-LS-05-10	5	10	1062	1	10
T-LS-05-20	5	20	1062	1	7
T-LS-06-10	6	10	1530	1	8

T-LS-PVC Steel Rope PVC Coated

Galvanised steel wire ropes for a wide range of applications, mini-strand configuration

Index	Diameter	Length	Minimum breaking force	Quantity	
				Box	Outer
	mm	mb	kg	pcs	
T-LS-02-10-PCV	2/3	10	240	1	30
T-LS-02-20-PCV	2/3	20	240	1	18
T-LS-03-10-PCV	3/4	10	540	1	18
T-LS-03-20-PCV	3/4	20	540	1	10
T-LS-04-10-PCV	4/6	10	960	1	8
T-LS-04-20-PCV	4/6	20	960	1	4

T-LP Plaited Polypropylene Rope

Plaited polipropylene rope for supporting tensile loads and binding applications

Index	Diameter	Length	Quantity	
			Box	Outer
	mm	mb	pcs	
T-LP-015-50-R	1,5	50	1	50
T-LP-02-40-R	2	40	1	50
T-LP-03-20-R	3	20	1	50
T-LP-05-15-R	5	15	1	30
T-LP-06-15-R	6	15	1	30
T-LP-08-15-R	8	15	1	12
T-LP-10-15-R	10	15	1	12

T-LJ Jute ropes

Three-strand, twisted ropes, made of high-quality yarn jute - natural raw material of plant origin, undyed, ecological, carefully made and very durable

Index	Diameter	Length	Quantity	
			Box	Outer
	mm	mb	pcs	
T-LJ-08-15-R	8	15	1	1
T-LJ-08-20-R	8	20	1	1
T-LJ-08-30-R	8	30	1	1
T-LJ-10-15-R	10	15	1	1
T-LJ-10-20-R	10	20	1	1
T-LJ-10-30-R	10	30	1	1
T-LJ-12-15-R	12	15	1	1
T-LJ-12-20-R	12	20	1	1
T-LJ-12-30-R	12	30	1	1
T-LJ-14-15-R	14	15	1	1
T-LJ-14-20-R	14	20	1	1
T-LJ-14-30-R	14	30	1	1
T-LJ-16-15-R	16	15	1	1
T-LJ-16-20-R	16	20	1	1
T-LJ-16-30-R	16	30	1	1

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SZ-BL Clothesline

Strong, twisted clothesline for drying clothes

Index	Length	Quantity	
		Box	Outer
	mb	pcs	
SZ-BL-10	10	10	80
SZ-BL-15	15	10	60
SZ-BL-20	20	10	50

SZ-D-SZ Natural linen thread, grey

For household applications, as well as in crafts, industry and tailoring. Ecological linen string made from stalks of linen of a matt, natural colour

Index	Weight	Quantity	
		Box	Outer
	kg	pcs	
SZ-D-10-SZ	0,100	1	50
SZ-D-25-SZ	0,250	1	45
SZ-D-50-SZ	0,500	1	24

SZ-D-B Natural linen thread, white

For use in the household as well as in crafts and industry, such as tailoring. Ecological linen string made from natural coloured linen stalks, glossy

Index	Weight	Quantity	
		Box	Outer
	kg	pcs	
SZ-D-10-B	0,100	1	50
SZ-D-25-B	0,250	1	45
SZ-D-50-B	0,500	1	24

SZ-J Jute rope

For universal use, both at home, as well as in the garden; natural, made from the stems of the jute plant

Index	Weight	Quantity	
		Box	Outer
	kg	pcs	
SZ-J-10	0,100	1	50
SZ-J-25	0,250	1	45
SZ-J-50	0,500	1	24

SZ-S Cotton string, white

For use as packing rope, clothesline, bag string, binding and drawstring cord

Index	Weight	Quantity	
		Box	Outer
	kg	pcs	
SZ-S-10	0,100	1	50
SZ-S-25	0,250	1	45

SZ-T Transparent, nylon twine

For tying mineral wool, packaging, insulation, agricultural sheaves

Index	Length	Quantity	
		Box	Outer
	mb	pcs	
SZ-T-50	50	1	50
SZ-T-150	150	1	30
SZ-T-300	300	1	40
SZ-T-1000	1000	1	12
SZ-T-2000	2000	1	1

SZ-M Mason twine

For marking out straight lines, facilitating the work of masonry, painting or tiling.

Index	Length	Quantity	
		Box	Outer
	mb	pcs	
SZ-M-50	50	1	60
SZ-M-100	100	1	30

SZ-W Cotton kitchen string

Natural string for tying everyday objects, for baking, cooking, curing, and smoking

Index	Weight	Colour	Quantity	
			Box	Outer
	kg		pcs	
SZ-W-10-B	0,100	White	1	50
SZ-W-10-BCZ	0,100	White-red	1	50

T-LJ Jute rope

NEW

Three-stranded, twisted ropes made of high-quality jute yarn - natural raw material of plant origin, undyed, ecological, carefully crafted and very strong

Features and benefits

- Three-stranded jute rope, twisted
- Created from natural raw materials of plant origin
- Flexible
- High resistance
- Organic
- Undyed
- Rolled up on spools for easier use
- Available in four variants

Applications

- Packaging
- Binding
- Crafts, DIY
- Transport
- Architecture
- Insulation of wooden houses

Index	Rope diameter	Length
	mm	m
T-LJ-08	8	200
T-LJ-10	10	150
T-LJ-12	12	100
T-LJ-14	14	70

T-LZ-012 Groumette watch chain, 1,2 mm

NEW

Decorative groumette chain

Features and benefits

- Available in two colours
- Suitable wherever aesthetics counts
- Wrapped on a roll
- Anti-corrosion protection: chrome plating
- For indoor use
- Short ball cell made of seamless balls
- Ground cells

Applications

- Making suspensions for hanging furniture
- Hanging flower pots
- Attaching decorations

Index	Chain diameter	Chain length	Colour
	mm	m	
T-LZ-012-Z	1,2	25	gold
T-LZ-012-S	1,2	25	silver

T-LK-032 Beaded chain, 3,2 mm

NEW

It will work wherever aesthetics counts

Features and benefits

- Available in two colours
- Suitable wherever aesthetics counts
- Wrapped on a roll
- Corrosion protection: chrome plating
- For indoor use

Applications

- Placement of art installations
- Hanging lamps
- Attaching decorations
- Can be used as a decoration itself

Index	Chain diameter	Chain length	Colour
	mm	m	
T-LK-032-Z	3,2	25	gold
T-LK-032-S	3,2	25	silver

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T-LL-013 Beaded chain, 1,3 mm, silver

NEW

It is used in places where the aesthetic appearance of the suspension is important - silver

Features and benefits

- Silver color gives it an elegant character
- Suitable wherever aesthetics counts
- Wrapped on a roll
- Anti-corrosion protection: chrome plating
- For indoor use

Applications

- Placement of art installations
- Hanging flower pots
- Attaching decorations

silver	Chain diameter	Chain length	Colour
	mm	m	
T-LL-013-S	1,3	25	silver

T-LP-060-BCZ Plastic chain

NEW

Plastic chain for partitioning areas and to secure the territory

Features and benefits

- Made of plastic
- Two-coloured
- Highly resistant
- Rolled on spools for easier usage

Applications

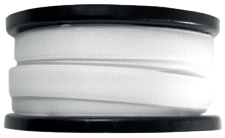
- Can be used with posts or bollards
- Ideal for directing crowds and cordoning off areas
- Works well in industrial settings
- Can replace warning tape
- Can be used to secure/demarcate an area
- Works well in the construction industry

Index	Chain diameter	Chain length	Colour
	mm	m	
T-LP-060-BCZ	6	25	white-red

RZEP-25 Velcro tope hooks

NEW

Velcro tape hooks



Features and benefits

- Available in two colours (black and white)
- Ensures a stable fit
- Insensitive to moisture, harmful external influences and low and temperatures
- Available in two variants: male Velcro which can be combined with loops, velours and fabrics, and female Velcro which can be combined

Applications

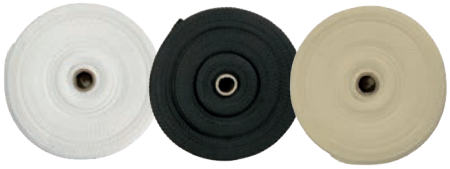
- Furniture coverings
- Footwear and outerwear, womenswear uniforms and accessories
- Sports equipment
- Articles for children
- Rehabilitation and therapeutic equipment
- Medicine
- Automotive
- Interior decoration and design

Index	Chain diameter	Chain length	Colour
	mm	m	
RZEP-25-B-M	25	25	white
RZEP-25-B-Z	25	25	white
RZEP-25-CZ-M	25	25	black
RZEP-25-CZ-Z	25	25	black

TAS Webbing strap tape

NEW

Self-adhesive Velcro tape



Features and benefits

- Available in two sizes: 20 mm and 30 mm wide
- Available in three colours (white, black, cream)
- Will not tear, crack or peel, even under heavy load
- Difficult to stain

Applications

- Decorative furniture finishing
- Mounting
- Sports equipment
- Belts
- Manufacture of clothing
- Accessories for animals

Index	Length	Width	Colour
	m	mm	
TAS-20-B	25	20	White
TAS-20-CZ	25	20	Black
TAS-20-K	25	20	Cream
TAS-30-B	25	30	White
TAS-30-CZ	25	30	Black
TAS-30-K	25	30	Cream

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Retail Offer

WEIGHT ASSORTIMENT

TIMBER

571 Coach screw

Wood screws with hexagon head according to DIN 571

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
571-05030-ZN	5	30	10
571-05040-ZN	5	40	10
571-05060-ZN	5	60	10
571-06040-ZN	6	40	10
571-06050-ZN	6	50	10
571-06060-ZN	6	60	10
571-06070-ZN	6	70	10
571-06080-ZN	6	80	10
571-06100-ZN	6	100	10
571-06120-ZN	6	120	10
571-08040-ZN	8	40	10
571-08050-ZN	8	50	10
571-08060-ZN	8	60	10
571-08070-ZN	8	70	10
571-08080-ZN	8	80	10
571-08100-ZN	8	100	10
571-08120-ZN	8	120	10
571-08140-ZN	8	140	10
571-08160-ZN	8	160	10
571-08180-ZN	8	180	10
571-08200-ZN	8	200	10
571-10050-ZN	10	50	10
571-10060-ZN	10	60	10
571-10080-ZN	10	80	10
571-10090-ZN	10	90	10
571-10100-ZN	10	100	10
571-10120-ZN	10	120	10
571-10140-ZN	10	140	10
571-10160-ZN	10	160	10
571-10180-ZN	10	180	10
571-10200-ZN	10	200	10
571-12100-ZN	12	100	10
571-12120-ZN	12	120	10
571-12140-ZN	12	140	10
571-12160-ZN	12	160	10
571-12180-ZN	12	180	10
571-12200-ZN	12	200	10
571-12240-ZN	12	240	10

D-I Anchor nail

Ring shank timber nails for secure anchoring of wood connectors

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
D-I-4100	4	100	1
D-I-4125	4	100	1
D-I-440	4	100	1
D-I-450	4	100	1
D-I-460	4	100	1
D-I-475	4	100	1

UCK Chipboard screw

Hardened screws for wood and chipboard

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
UCK-3012	3	12	10
UCK-3016	3	16	10
UCK-3020	3	20	10
UCK-3025	3	25	10
UCK-3030	3	30	10
UCK-3035	3	35	10
UCK-3040	3	40	10
UCK-3516	3	16	10
UCK-3520	3	20	10
UCK-3525	3	25	10
UCK-3530	3	30	10
UCK-3535	3	35	10
UCK-3540	3	40	10
UCK-3545	3	45	10
UCK-3550	3	50	10
UCK-4016	4	16	10
UCK-4020	4	20	10
UCK-4025	4	25	10
UCK-4030	4	30	10
UCK-4035	4	35	10
UCK-4040	4	40	10

TIMBER

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
UCK-4045	4	45	10
UCK-4050	4	50	10
UCK-4060	4	60	10
UCK-4070	4	70	10
UCK-4520	4	20	10
UCK-4525	4	25	10
UCK-4530	4	30	10
UCK-4535	4	35	10
UCK-4540	4	40	10
UCK-4545	4	45	10
UCK-4550	4	50	10
UCK-4560	4	60	10
UCK-4570	4	70	10
UCK-4580	4	80	10
UCK-5020	5	20	10
UCK-5025	5	25	10
UCK-5030	5	30	10
UCK-5035	5	35	10
UCK-5040	5	40	10
UCK-5045	5	45	10
UCK-5050	5	50	10
UCK-5060	5	60	10
UCK-5070	5	70	10
UCK-5080	5	80	10
UCK-5090	5	90	10
UCK-5100	5	100	10
UCK-6030	5	30	10
UCK-6040	5	40	10
UCK-6050	5	50	10
UCK-6060	5	60	10
UCK-6070	5	70	10
UCK-6080	5	80	10
UCK-6090	5	90	10
UCK-6100	5	100	10
UCK-6110	5	110	10
UCK-6120	5	120	10
UCK-6130	5	130	10
UCK-6140	5	140	10
UCK-6160	5	160	10

METAL

ASTK Rivet rip

Rivet for joining steel sheet or plastic

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
ASTK-3008-A	3	8	5
ASTK-3010-A	3	10	5
ASTK-4008-A	4	8	5
ASTK-4010-A	4	10	5
ASTK-4012-A	4	12	5
ASTK-4014-A	4	14	5
ASTK-4016-A	4	16	5
ASTK-5008-A	5	8	5
ASTK-5010-A	5	10	5
ASTK-5012-A	5	12	5
ASTK-5014-A	5	14	5
ASTK-5016-A	5	16	5
ASTK-5018-A	5	18	5
ASTK-5020-A	5	20	5

FSK Screw for steel sheet

Phosphated screw for fixing steel sheets

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
FSK-3525	3,5	25	10
FSK-3535	3,5	35	10
FSK-3545	3,5	45	10
FSK-3555	3,5	55	10
FSK-4890	4,8	90	10

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METAL

FTK Drywall screw for wood

Drywall screw with for fixing wood framings

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
FTK-3525	3,5	25	10
FTK-3535	3,5	35	10
FTK-3545	3,5	45	10
FTK-3555	3,5	55	10
FTK-4270	4,2	70	10
FTK-4890	4,8	9	10

GPAP Roofing nail washer

Nail washer for versatile applications

Index	Size	Quantity in the package
GPAP7	25-28	10

125 Round washer

Index	Size	Quantity in the package
I-125-04-ZN	M4	10
I-125-05-ZN	M5	10
I-125-06-ZN	M6	10
I-125-08-ZN	M8	10
I-125-10-ZN	M10	10
I-125-12-ZN	M12	10
I-125-14-ZN	M14	10
I-125-16-ZN	M16	10
I-125-20-ZN	M20	10
I-125-24-ZN	M24	10

127 Spring washer

Index	Size	Quantity in the package
I-127-05-ZN	M5	10
I-127-06-ZN	M6	10
I-127-08-ZN	M8	10
I-127-10-ZN	M10	10
I-127-12-ZN	M12	10
I-127-14-ZN	M14	10
I-127-16-ZN	M16	10

9021 Enlarged washer

Index	Size	Quantity in the package
I-9021-04-ZN	M4	10
I-9021-05-ZN	M5	10
I-9021-06-ZN	M6	10
I-9021-08-ZN	M8	10
I-9021-10-ZN	M10	10
I-9021-12-ZN	M12	10
I-9021-14-ZN	M14	10
I-9021-16-ZN	M16	10
I-9021-18-ZN	M18	10
I-9021-20-ZN	M20	10
I-9021-24-ZN	M24	10

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METAL

603 Studded bolt

Index	Size		Quantity in the package
	Diameter	Length	
	mm		
I-603-05020-ZN	5	20	10
I-603-05030-ZN	5	30	10
I-603-05040-ZN	5	40	10
I-603-05050-ZN	5	50	10
I-603-05060-ZN	5	60	10
I-603-05070-ZN	5	70	10
I-603-05080-ZN	5	80	10
I-603-06020-ZN	6	20	10
I-603-06030-ZN	6	30	10
I-603-06040-ZN	6	40	10
I-603-06050-ZN	6	50	10
I-603-06060-ZN	6	60	10
I-603-06070-ZN	6	70	10
I-603-06080-ZN	6	80	10
I-603-06090-ZN	6	90	10
I-603-06100-ZN	6	100	10
I-603-08020-ZN	8	20	10
I-603-08030-ZN	8	30	10
I-603-08040-ZN	8	40	10
I-603-08050-ZN	8	50	10
I-603-08060-ZN	8	60	10
I-603-08070-ZN	8	70	10
I-603-08080-ZN	8	80	10
I-603-08100-ZN	8	100	10
I-603-08120-ZN	8	120	10
I-603-08140-ZN	8	140	10
I-603-08160-ZN	8	160	10
I-603-10040-ZN	10	40	10
I-603-10050-ZN	10	50	10
I-603-10060-ZN	10	60	10
I-603-10070-ZN	10	70	10
I-603-10080-ZN	10	80	10
I-603-10100-ZN	10	100	10
I-603-10120-ZN	10	120	10
I-603-10140-ZN	10	140	10
I-603-10160-ZN	10	160	10
I-603-10180-ZN	10	180	10
I-603-10200-ZN	10	200	10
I-603-12050-ZN	12	50	10
I-603-12100-ZN	12	100	10
I-603-12260-ZN	12	260	10

931 Half thread screw

Index	Size		Quantity in the package
	Diameter	Length	
	mm		
I-931-05040-ZN	5	40	10
I-931-06030-ZN	6	30	10
I-931-06040-ZN	6	40	10
I-931-06050-ZN	6	50	10
I-931-06060-ZN	6	60	10
I-931-06080-ZN	6	80	10
I-931-06100-ZN	6	100	10
I-931-08030-ZN	8	30	10
I-931-08040-ZN	8	40	10
I-931-08050-ZN	8	50	10
I-931-08060-ZN	8	60	10
I-931-08070-ZN	8	70	10
I-931-08080-ZN	8	80	10
I-931-08090-ZN	8	90	10
I-931-08100-ZN	8	100	10
I-931-08120-ZN	8	120	10
I-931-08140-ZN	8	140	10
I-931-10040-ZN	10	40	10
I-931-10050-ZN	10	50	10
I-931-10060-ZN	10	60	10
I-931-10080-ZN	10	80	10
I-931-10100-ZN	10	100	10
I-931-10110-ZN	10	110	10
I-931-10120-ZN	10	120	10
I-931-10140-ZN	10	140	10
I-931-12050-ZN	12	50	10
I-931-12120-ZN	12	120	10
I-931-12140-ZN	12	140	10
I-931-12200-ZN	12	200	10
I-931-16190-ZN	16	190	10

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METAL

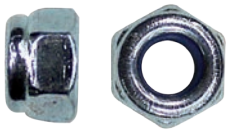
933 Full thread hexagon head screw

Index	Size		Quantity in the package
	Diameter	Length	
	mm		
I-933-05016-ZN	5	16	10
I-933-05020-ZN	5	20	10
I-933-05030-ZN	5	30	10
I-933-05040-ZN	5	40	10
I-933-05050-ZN	5	50	10
I-933-05060-ZN	5	60	10
I-933-06016-ZN	6	16	10
I-933-06020-ZN	6	20	10
I-933-06025-ZN	6	25	10
I-933-06030-ZN	6	30	10
I-933-06035-ZN	6	35	10
I-933-06040-ZN	6	40	10
I-933-06050-ZN	6	50	10
I-933-06060-ZN	6	60	10
I-933-06070-ZN	6	70	10
I-933-06080-ZN	6	80	10
I-933-08016-ZN	8	16	10
I-933-08020-ZN	8	20	10
I-933-08025-ZN	8	25	10
I-933-08030-ZN	8	30	10
I-933-08035-ZN	8	35	10
I-933-08040-ZN	8	40	10
I-933-08045-ZN	8	45	10
I-933-08050-ZN	8	50	10
I-933-08060-ZN	8	60	10
I-933-08070-ZN	8	70	10
I-933-08080-ZN	8	80	10
I-933-08090-ZN	8	90	10
I-933-08100-ZN	8	100	10
I-933-10020-ZN	10	20	10
I-933-10025-ZN	10	25	10
I-933-10030-ZN	10	30	10
I-933-10035-ZN	10	35	10
I-933-10040-ZN	10	40	10
I-933-10050-ZN	10	50	10
I-933-10055-ZN	10	55	10
I-933-10060-ZN	10	60	10
I-933-10070-ZN	10	70	10
I-933-10080-ZN	10	80	10
I-933-10090-ZN	10	90	10
I-933-10100-ZN	10	100	10
I-933-12020-ZN	12	20	10
I-933-12030-ZN	12	30	10
I-933-12040-ZN	12	40	10
I-933-12050-ZN	12	50	10
I-933-12060-ZN	12	60	10
I-933-12070-ZN	12	70	10
I-933-12080-ZN	12	80	10
I-933-12090-ZN	12	90	10
I-933-12100-ZN	12	100	10
I-933-16050-ZN	16	50	10
I-933-16060-ZN	16	60	10
I-933-16080-ZN	16	80	10

934 Hexagon nut

Index	Size	Quantity in the package
I-934-03-ZN	M3	10
I-934-04-ZN	M4	10
I-934-05-ZN	M5	10
I-934-06-ZN	M6	10
I-934-08-ZN	M8	10
I-934-10-ZN	M10	10
I-934-12-ZN	M12	10
I-934-14-ZN	M14	10
I-934-16-ZN	M16	10
I-934-18-ZN	M18	10
I-934-20-ZN	M20	10
I-934-24-ZN	M24	10

985 Self-locking nut



Index	Size	Quantity in the package
I-985-04-ZN	M4	10
I-985-05-ZN	M5	10
I-985-06-ZN	M6	10
I-985-08-ZN	M8	10
I-985-10-ZN	M10	10
I-985-12-ZN	M12	10
I-985-14-ZN	M14	10
I-985-16-ZN	M16	10

METAL

WFK Screw for thin sheets and wood

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
WFK-4213	4,2	13	4
WFK-4216	4,2	16	4
WFK-4219	4,2	19	4
WFK-4222	4,2	22	4
WFK-4225	4,2	25	4

WFSK Self-drilling screw for thin sheets and wood

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
WFSK-4213	4,2	13	4
WFSK-4216	4,2	16	4
WFSK-4219	4,2	19	4
WFSK-4222	4,2	22	4
WFSK-4225	4,2	25	4

WSK Self-drilling screw for joining steel profiles

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
WSK-3525	3,5	25	10
WSK-3535	3,5	35	10
WSK-3545	3,5	45	10
WSK-3595	3,5	95	10
WSK-3911	3,9	11	10

OCK/OCWK Self-drilling screw for fixing sheet metal type OC with washer, galvanized

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
OCK-48019T	4,8	19	4
OCK-55025T	5,5	25	4
OCWK-48019T	4,8	19	4
OCWK-48019T3009	4,8	19	4
OCWK-48019T6020	4,8	19	4
OCWK-48019T7024	4,8	19	4
OCWK-48019T8004	4,8	19	4
OCWK-48019T8017	4,8	19	4
OCWK-48019T9005	4,8	19	4

ODK Galvanized farmers screw

Screw farmerski do mocowania blachy do drewna z podkładką, ocynkowany

Index	Screw		Quantity in the package
	Diameter	Length	
	mm		
ODK-48028T	4,8	28	4
ODK-48035T	4,8	35	4
ODK-48055T	4,8	55	4
ODK-48035T3009	4,8	35	4
ODK-48035T6020	4,8	35	4
ODK-48035T7024	4,8	35	4
ODK-48035T8002	4,8	35	4
ODK-48035T8004	4,8	35	4
ODK-48035T8017	4,8	35	4
ODK-48035T9005	4,8	35	4

PETK EPDM steel washer

Index	Diameter otworu	Size	Quantity in the package
	mm		
PETK-14	6	14	4
PETK-19	6,8	19	4

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KOELNER

Rawlplug S.A.
ul. Kwidzyńska 6
51-416 Wrocław
Tel: + 48 (71) 3260 100
Fax: + 48 (71) 3726 111
bok@rawlplug.com
www.rawlplug.pl

SERVICE
tel.: +48 (71) 32 09 218
tel. kom.: +48 661 970 358