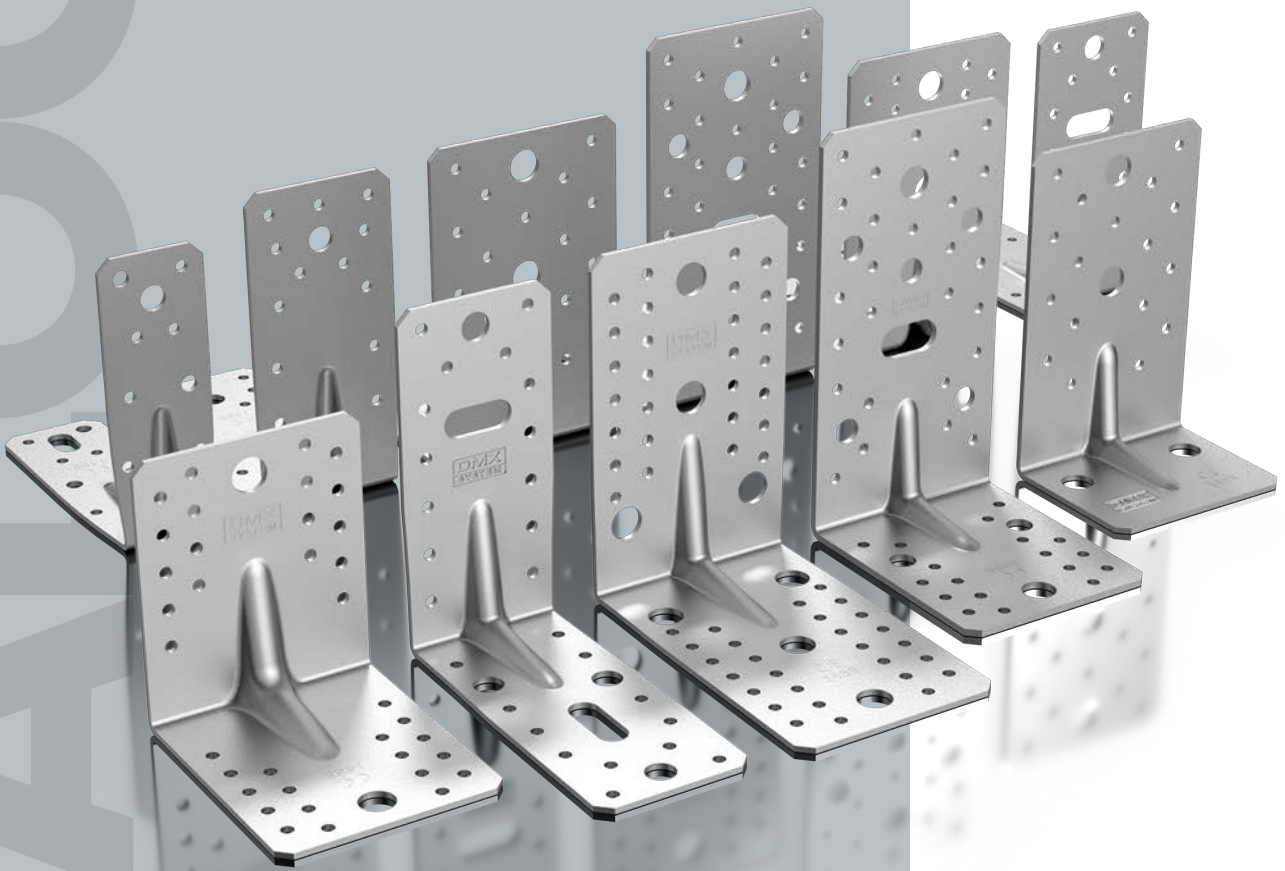


domax[®]



30 YEARS
of EXPERIENCE

WOOD
CONNECTORS

CATALOGUE

ABOUT US

Domax Sp. z o. o. was founded in 1994 as a family company focused on the production and distribution of wood connectors in Poland and later in Europe. A wide range, high quality of products and the involvement of qualified professionals have made Domax one of the market leaders in the region, and CE certification guarantees compliance of construction products with European guidelines. Today, we are consistently expanding our international sales network in Europe. Customer trust is confirmed by successfully operating branches in the Czech Republic, Slovakia, Romania, Bulgaria, Croatia, Serbia and Germany, as well as constant distribution in most European countries (including the Baltic States, Spain, Moldova, Denmark, Belgium, France, Italy, Austria, Slovenia, Ukraine).



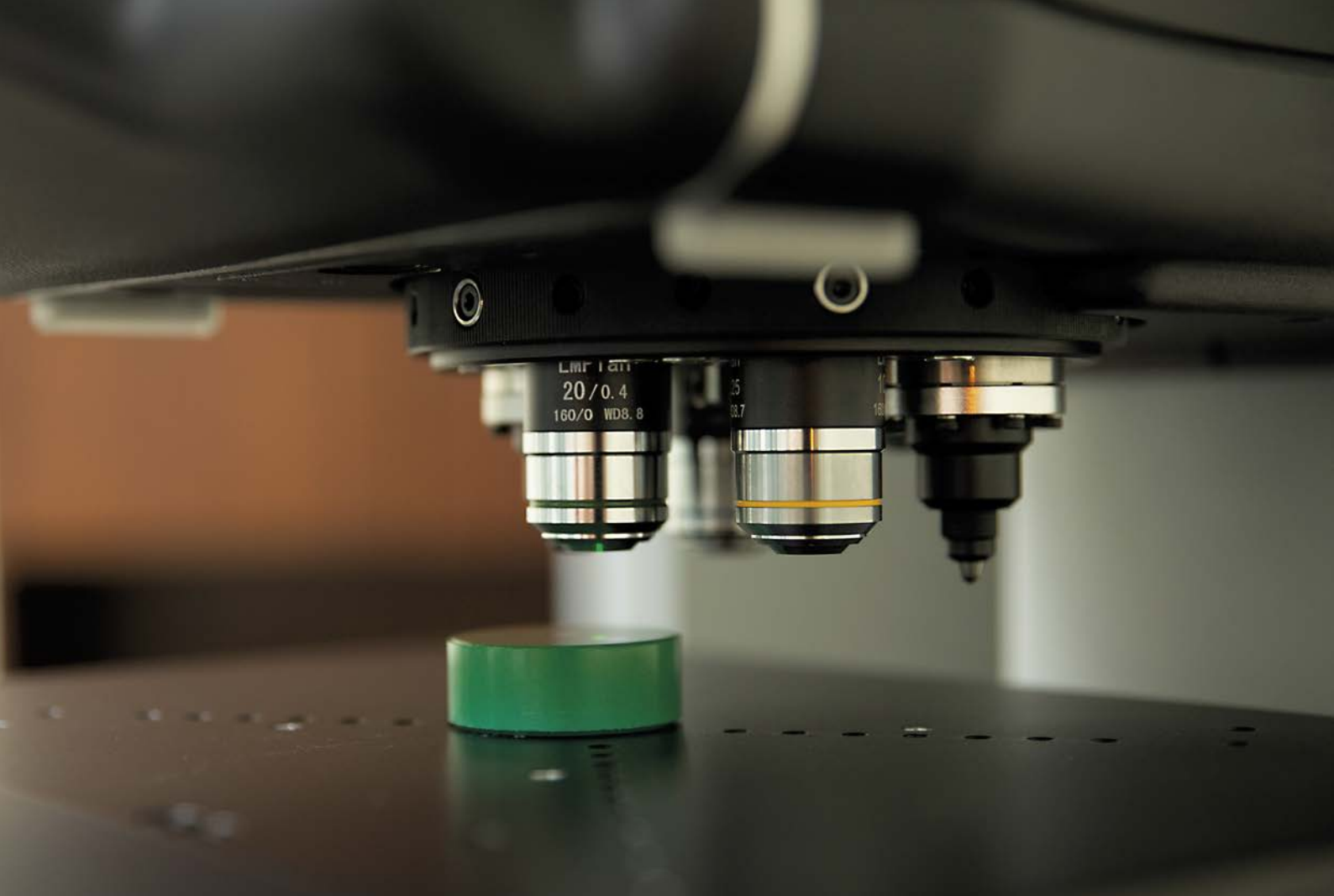


Logistics

We implement system solutions aimed at optimizing communication with the external and internal environment of the company. We improve forwarding processes aimed at ensuring our customers with delivery of goods even within 24 hours of placing an order. We offer effective and proven tools, programs and strategies.

- ▶ machine park with an area of 7,000 m²
- ▶ a modern warehouse with a capacity of 14,500 pallet spaces
- ▶ products with the CE mark that meet European standards
- ▶ own professional research and development laboratory
- ▶ branches and distribution in several European countries





CERTIFICATION AND QUALITY CONTROL

The Domax company has a modern laboratory that guarantees the highest standard of manufactured building materials. The production process is preceded by a series of technical tests, and the products undergo regular quality control tests.

Before a DOMAX® article is distributed, it undergoes a series of tests. We check compliance with generally applicable standards, such as PN-EN14545 and with our internal quality standards.



 European Technical Approvals

The test results of the Domax laboratory are confirmed by certification centers - the Czech TZUS, the Polish Building Research Institute ITB and the Gdańsk University of Technology. Because our internal standards often exceed generally accepted standards, quality verification performed in Polish and European centers is actually a formality.

The CE symbol on DOMAX® products confirms that the marked construction product is compliant with the harmonized European standard (hEN) or with ETA (a system intended primarily for new and innovative products) and that the assessment and verification of the product's constancy of performance has been carried out - certification. The European directives regulating the certification specify the parameters concerning the safety of use, health protection and environmental protection, and define the hazards that the manufacturer of a construction product should detect and eliminate.

Construction products must meet a number of quality requirements. To ensure this, at every stage of production, we test the properties of products, and our experienced specialists watch over the professionalism of the entire process using technically advanced control and measurement equipment. We are constantly improving the control process, verifying every stage of production - from the technical design, through the delivery and use of the highest quality materials, strict standards of manufacturing technology, to the final packaging of the products.

We believe that the basis for quality development is systematically acquired and documented knowledge. Each product has its own technological card, manufacturing drawings and history of test reports. Thanks to this, we are able not only to quickly implement new products that meet the requirements of European standards, but also to optimize the solutions present on the market.

PROTECTIVE COATINGS

DUPLEX ■

Double protection for a particularly high level of security. Cold-rolled sheet metal with a zinc coating applied on both sides, weight not less than 275 g/m² and thickness of about 20 µm. Additionally, DUPLEX products are powder coated, which ensures high tightness of the coating and increased corrosion resistance. Details protected in this way can be used in places periodically exposed to rain or snowfall.

ELECTROGALVANIZING ● ●

Fe/Zn 12 electroplating zinc coating > 12 µm thick, applied in accordance with PNEN ISO 2081.

Yellow passivation – yellow galvanic zinc is characterized by significant protection against corrosion, shows twice the resistance to external conditions than blue (silver) passivation. Recommended for outdoor applications exposed to precipitation and other unfavorable factors.

Blue (silver) passivation – silver galvanic zinc has a lower corrosion resistance. Products covered with such a coating are intended for use in dry rooms with the possibility of only temporary exposure to moisture (second class of use according to PNEN 199511: 2010).

HOT-DIP GALVANIZING ●

The coating is applied by immersing an object in molten zinc at a temperature of approx. 450 °C. The obtained coating thickness is approximately 80–90 µm. Thick-layer protection is recommended for products exposed to long-term exposure to moisture, especially for elements used in the garden. Decorative paints intended for galvanized surfaces can be applied over this coating.

ZINC FLAKE (LAMELLAR) ●

The use of the Magni 565 coating, which covers the steel surface with a mixture of zinc and aluminum flakes and binding and hardening components. This is currently the highest level of corrosion protection. It has a salt spray corrosion resistance (VDA235104 / DIN EN ISO 9227) of more than 240 hours to white corrosion and over 1,000 hours to red corrosion. Magni coatings are Cr-free and meet the requirements of the following standards: RoHS, REACH, ELVD, GADSL and WEEE. Zinc flake is used wherever the highest level of protection and durability of products is required.

CATAPHORESIS ●

Modern technology of applying a protective anti-corrosion coating on metal surfaces. It consists in immersion painting with the simultaneous flow of electricity through a bath of water-soluble paint. Electrically charged paint particles, moving along the lines of the electric field, settle on the surface of the entire article, also in places inaccessible when using other painting techniques. Cataphoresis guarantees the possibility of obtaining a wide range of coating thicknesses (from 15 to 40 µm) and excellent anti-corrosion resistance (up to 1,000 h in a salt spray chamber).

PRE-GALVANIZED STEEL Z275 ●

Cold-rolled sheet metal with a molten zinc coating applied on both sides, weight not less than 275 g/m² and thickness of about 20 µm. Most often it is additionally covered with a thin layer of oil film increasing the protection of the zinc layer against oxidation. Products made of galvanized sheet Z275 are characterized by high resistance to external factors, thanks to which they are perfect wherever high corrosion resistance is required, especially in open-air structures.

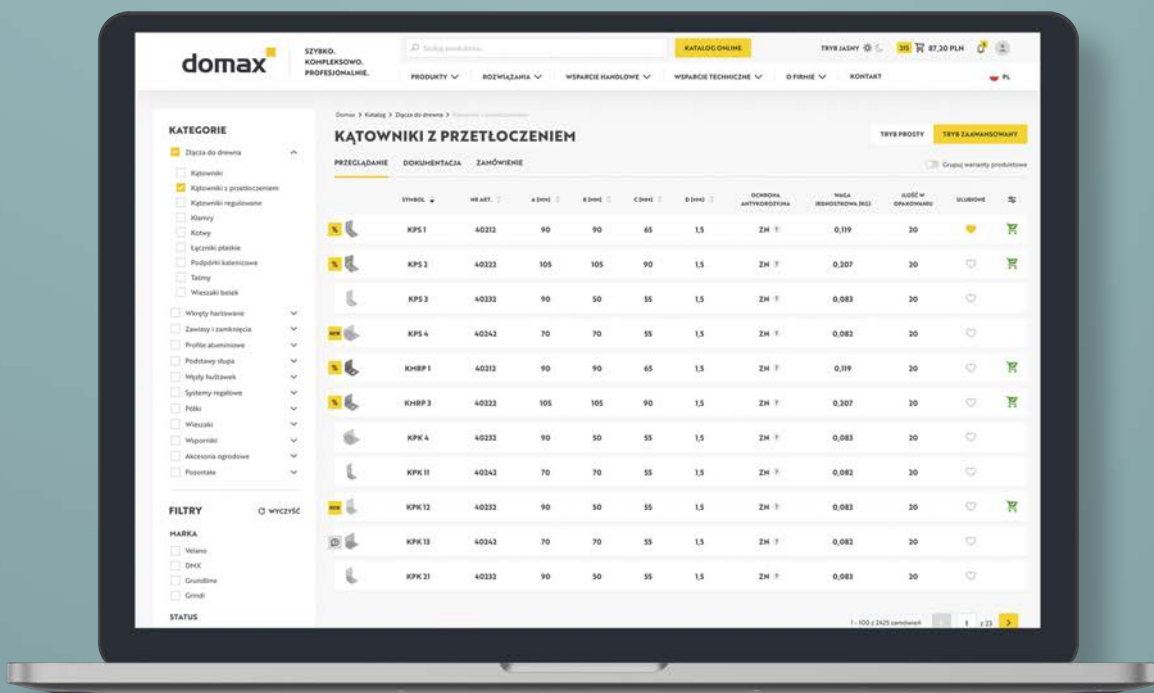
POWDER PAINTING ● ◆

Powder coated products are protected by applying electrified particles (20,100 µm) of powder paint. The deposited powder layer remains on the surface of the painted detail due to electrostatic forces. Powder coating ensures high tightness of the coating and increased corrosion resistance. The thickness of the painting layer is 60 µm.

B2B PLATFORM

The friendly and functional DOMAX B2B platform ensures easy and convenient cooperation with our business partners::

- ▶ two ways of browsing the product offer: basic view of the product gallery and advanced view of the list
- ▶ product filters displayed as multiple-choice lists
- ▶ easy access to order history and renewing them
- ▶ preview of all invoices
- ▶ shortened complaint process
- ▶ extensive personalization options: adding and editing shipping addresses, checking the progress in the discount program or creating your own search paths
- ▶ dark mode - a great alternative for people using the Domax B2B service in the evening
- ▶ fully responsive - the platform is fully adapted to mobile devices (smartphones and tablets), thanks to which access to the basket, orders or invoices is always at hand
- ▶ additional functionalities: a tutorial available at any time of using the platform, active notifications that allow you to stay up to date with all promotions and important messages regarding the website



COMMERCIAL SUPPORT

Our partners receive support commercial and marketing in the form of:

- ▶ assistance with the first and subsequent restockings
- ▶ assistance in preparing a sales display of products
- ▶ cooperation in handling complaints and returns
- ▶ organized promotions and sales
- ▶ product and marketing training
- ▶ permanent trade discounts



domax 

TABLE OF CONTENTS

WOOD CONNECTORS p. 31

NAILING SCHEMES p. 32

LOADING CAPACITY SCHEMES p. 32

ANGLE BRACKETS p. 33

KP	Angle bracket with reinforcement	p. 33
KPS	Angle bracket with reinforcement	p. 36
KPL	Angle bracket with reinforcement	p. 37
LBS	Angle bracket double reinforced	p. 38
KPK	Angle bracket with reinforcement	p. 40
KLR	Angle bracket 135°	p. 41
KL	Angle bracket	p. 42
KM	Perforated angle bracket	p. 44
KMP	Perforated angle bracket with reinforcement	p. 46
KK	Anchor angle bracket	p. 48
LBZ	Concrete angle bracket	p. 50
KMR	Perforated adjustable angle bracket	p. 53
KMRP	Perforated adjustable angle bracket with reinforcement	p. 53
KRD	Adjustable angle bracket	p. 54
KR	Adjustable angle bracket	p. 55
KW	Narrow angle bracket	p. 56
FKW	Rounded angle bracket	p. 58
KB	Construction angle bracket	p. 59
KS	Wide angle bracket	p. 60
KSO	Wide angle bracket	p. 60
KSZ	Wide rounded angle bracket	p. 61
FKS	Adjustable angle bracket	p. 61
LK	Rafter connector	p. 62
LZ	Z-type connector	p. 63
KG	Folded connector	p. 64
OSK	Decorative angle bracket	p. 65

FLAT CONNECTORS p. 66

PP	Perforated plate	p. 66
LP	Flat connector	p. 68
TM	Fixing tape	p. 70
LG	Thick connector	p. 72
FLW	Rounded assembly connector	p. 73
LW	Narrow flat connector	p. 74
NA	Corner plate	p. 76
NAO	Decorative corner plate	p. 77
NAS	Corner plate	p. 78
NAD	Decorative corner plate	p. 79
NS	Chest corner	p. 80
KT	„T” type connector	p. 82
FKT	Mounting connector type „T”	p. 83

JOIST HANGERS p. 84

WB	Joist hanger	p. 84
WBZ	Joist hanger folded	p. 88
WBD	Joist hanger divided	p. 90
WL	Joist hanger light	p. 91

SPECIAL WOOD CONNECTORS p. 92

SK	Construction anchor	p. 92
PD	Roof batten support	p. 93
KLM	Beam clamp	p. 94
LBO	Circle beam connector	p. 95

ELEMENTS for ASSEMBLING GARDEN ARCH. p. 97

NAILING SCHEMES p. 98

LOADING CAPACITY SCHEMES p. 98

GROUND-IN POST SUPPORTS p. 99

PSG	Drive-in post support	p. 99
PSGR	Adjustable drive-in post support	p. 100
PWU	Screw-in post support	p. 101
PWG	Screw-in post support (with no accessories)	p. 102
PWOM	Horizontal beam mounting lid	p. 104
PWO	Screw-in post support with spacer	p. 106
PWH	Adjustable bracket	p. 107
KR	Hex flange for PWM	p. 107
PWM	Screw-in post support (hexagonal)	p. 108
PWB	PWM support extension	p. 109
PWF	Screw-in post support (square base)	p. 110
PWC	PWM/PWF post support extension	p. 111
PWT	Threaded-socket ground screw anchor	p. 116
PWTU	Lifting eye bolt	p. 117
KRS	Adjustable bracket	p. 117
KWZ	Threaded-socket ground screw anchor	p. 118
PWP	Screw-in peg	p. 118
PWA	Screw-in umbrella support	p. 119
CTG	Assembly kit	p. 119
PWPP	Planetary gear	p. 120
PWE	Rod for screw-in post supports	p. 120
PWKT	Hand spanner for round supports	p. 121
PWKU	Adapter for PWU	p. 121
WD	PSG drive-in tool	p. 121

CONCRETE-IN POST SUPPORTS p. 125

PS	U-type post support	p. 125
PS 500	U-type post support (long bar)	p. 128
PS R500	U-type post support (long tube)	p. 129
PSZ	U-type post support	p. 130

PSL	U-type post support (light)	p. 131
PS5	U-type post support (wide)	p. 132
PSR500	U-type post support (long tube)	p. 133
PS5Z	U-type post support	p. 134
PSF	F-shaped post support	p. 134
PSH	H-shaped post support	p. 135
PSW	T-type post support	p. 136
PSR500	Post support (long bar)	p. 137
PSRU	Adjustable post support	p. 138
PSRU 500	Adjustable post support on thick bar	p. 139
PSRU R500	T-type post support with a long tube	p. 139
PPS	Post support	p. 140
PPSR	Adjustable threaded post support	p. 141

SCREW-IN POST SUPPORTS p. 142

PR	Adjustable threaded post support	p. 142
PSR	Adjustable threaded post support	p. 144
PSRP	Adjustable threaded post support	p. 146
PSRT	Adjustable post support	p. 147
PSP	Post support with rectangular base	p. 148
PSPD	Post support	p. 150
PSD	Post support	p. 152
PSP DX	Post support open	p. 154
PSPW	Post support	p. 156
PSPA	Post support	p. 162
PSPO	Post support	p. 163
PSPOD	Post support	p. 164
PDP	Screw-in umbrella support	p. 165
PSPN	Post support with rectangular base	p. 165
PUW	Post support	p. 166
PMF	Post support	p. 167
PMFU	Post support	p. 168
PSO	Post support	p. 169
PSOZ	Post support	p. 170
PSSOZ	Post support	p. 171
PSK	Post support	p. 172
PST	TT-shaped post support	p. 173
PSOL	Post support	p. 174
PSB	Post support	p. 175
PSC	Post support	p. 176

ELEMENTS for ASSEMBLING GARDEN ARCH. p. 177

DK/DKK	Post cap	p. 177
OP	L- bracket	p. 178
SEK	Connector for firewood stand	p. 179
GPLN	Pergola corner connector	p. 180
GPLP	Pergola crossbeam connector	p. 180
GPPS	Pergola post support	p. 181
SD	Decorative SD wood connectors	p. 182
GHKO	Circle beam connector	p. 184
GHMK	Sqare beam connectors	p. 185
GHLS	Wall beam connector	p. 185
GHSK	Square beam wall connecto	p. 186
GHSO	Circle beam wall connector	p. 186
GHVK	Square beam connector	p. 187
GHVO	Circle beam connector	p. 187
GHZ	Screw plug	p. 188
GHS	Plastic seats	p. 189
MH	Swing hangers, universal hangers	p. 190

GARDEN FITTINGS, HINGES & LATCHES p. 195

BRAIDED HINGES p. 196

Z	Butt hinge	p. 196
Z5	Braided hinge	p. 198
Z55	Braided hinge with a spring	p. 199
ZMS	Lift-off hinge	p. 200
ZO	Decorative hinge	p. 201
ZF	French hinge	p. 202
ZOF	Decorative French hinge	p. 203
ZTS	Braided triangular hinge	p. 204
ZD	Ladder hinge	p. 205

GATE HINGES p. 25

ZT	Gate hinge	p. 206
ZB	Gate hinge	p. 207
ZBW	Gate hinge	p. 208
ZBL	Gate hinge	p. 209
ZBP	Strap gate hinge	p. 210
ZBO	Decorative gate hinge	p. 211
ZOB	Decorative gate hinge	p. 212
ZTO	Decorative tee hinge	p. 213
ZBNO	Decorative gate hinge	p. 214
ZOK	Decorative gate hinge	p. 214
ZBC	Self-closing gate hinge	p. 215
ZBS	Gate hinge	p. 215
ZNW	Corner hinge kit	p. 216

STRAP HINGES p. 217

ZR	T-type hinge	p. 217
ZN	Corner hinge	p. 217
ZNO	Corner hinge	p. 218
ZRO	T-type hinge	p. 219
ZP	Strap hinge	p. 220
ZPK	Cranked strap hinge	p. 222
C	Hinge pin	p. 224
UCO	Decorative hinge pin	p. 225
CM	Concrete-in hinge pin	p. 226
CW	Screw-in hinge pin	p. 226

ADJUSTABLE HINGES p. 227

ZRDP	Adjustable hinge with plate	p. 227
ZRM	Concrete-in adjustable hinge	p. 227
ZRS	Weldable, adjustable hinge	p. 228
ZRW 16	Multi adjustable hinge	p. 229
ZRW 20	Multi adjustable hinge	p. 229

WELDING HINGES p. 230

ZTK	Weldable hinge with the ball	p. 230
ZASK	Weldable hinge	p. 230
ZMP	Weldable lift-off hinge	p. 231
ZMD	Lift-off hinge	p. 231
ZRB	Weldable, adjustable hinge	p. 232
ZMC	Construction hinge	p. 232

HASPS p. 233

ZZBR	Chest hinge with lock	p. 233
ZZB	Strap gate hinge with lock	p. 233
ZZK	Hinge with lock	p. 234
ZZP	Hinge with lock	p. 235
ZBZ	Decorative gate hinge with lock	p. 236
ZOZ	Decorative hinge with lock	p. 237
ZWD	Hasp with staple made of rolled wire	p. 238
ZWK	Security closing hasp	p. 238
ZWP	Security closing hasp	p. 239
ZWPO	Security closing hasp	p. 239

LATCHES p. 240

W	Door bolt	p. 240
WZTW	Box bolt	p. 241
WZP	Closing door bolt	p. 242
WZW	Closing door bolt	p. 243
WRO	Decorative tower bolt	p. 244
WZD	Latch with a flat bolt	p. 245
WOS	Decorative tower bolt	p. 246
WPS	Decorative latch with a flat bolt	p. 247
WOK	Gate latch	p. 248
WHS	Door lock with numeric code (set)	p. 249
WZF	Furniture latch (set)	p. 249

GATE LATCHES p. 250

WCW	Heavy decorative latch	p. 250
WCZ	Heavy duty tower bolt	p. 251
WZK	Gate latch INOX	p. 252
WHK	Closure – key lock	p. 252
WHG	Self-locking latch	p. 254
WOG	Garden latch	p. 255
WOGO	Garden latch	p. 255
WZO	Latch	p. 256
WBR	Gate latch	p. 256
WHF	Spring for closing the gate (set)	p. 257
WHD	Garden door closer (set)	p. 257

BOLTS p. 258

WRG	Tower bolt	p. 258
WOT	Gate bolt	p. 258
WSP	Pull spring bolt with wooden grip	p. 259
WRU	Tower drop bolt	p. 260
WRB	Tower drop bolt	p. 260
WRZ	Tower drop bolt	p. 261

HOOKS p. 262

ZHK	Hook lock	p. 262
ZHP	Hook lock	p. 263
ZSK	Chest lock	p. 264
SP	Hasp	p. 264

GATE STOPPERS p. 266

ST	Gate bracket	p. 266
SBR	Gate bolt	p. 266
SBK	Gate wheel	p. 267
SBO	Screw-in gate stopper	p. 268
SB 90	In-concrete gate stopper	p. 268
SB 160	Screw-in gate stopper	p. 269

HANDLES ■ DOOR HANDLES | ■ DOOR LOCKS p. 270

UF	Flag holder	p. 270
US	Box handle	p. 270
UN	Universal handle	p. 271
UNB	Handle	p. 271
UNR	Handle	p. 272
UZD	Decorative handle	p. 272
UZR	Decorative handle	p. 273
WHA	Handle with a hole (set)	p. 274
WHB	Handle without a hole (set)	p. 274
WHU	Ratchet lock (set)	p. 276
WHUP	Mortise lock case	p. 276
WHZ	Ratchet lock (set)	p. 277
WHO	Ratchet lock	p. 278
WHW	Rural door lock (set)	p. 278

HARDENED SCREWS, BOLTS, NAILS p. 281

CERTIFICATION AND QUALITY CONTROL p. 282

HARDENED SCREWS p. 284

CS	Construction screw with flat head	p. 284
PTS	Turned conical washer	p. 289
CT	Construction screw with wafer head	p. 290
CPS	Full threaded screw with flat head	p. 294
CPW	Full threaded screw with cylindrical head	p. 296
WKT	Double threaded insulation screw with wafer head	p. 298
SW	Screwdriving template angle 45°/67°	p. 298
WKW	Double threaded insulation screw with cylindrical head	p. 300
WDS	Distance screw with flat head	p. 302
GS	Aerated concrete screw with flat head	p. 304
GT	Aerated concrete screw with wafer head	p. 306
CBW	Frame screw with cylindrical head	p. 308
CBS	Frame screw with flat head	p. 309

SCREWS ■ ANCHORS ■ NAILS p. 310

PBW	Concrete screw with hex head	p. 310
PBK	Bolt anchor	p. 312
ANG	ANCHOR carpentry nail	p. 314

CONNECTORS for GARDEN ARCHITECTURE p. 316

CTO	Garden architecture screw	p. 316
ANW	ANCHOR carpentry screw Torx socket	p. 317
PWD	Wood screw	p. 318
PNP	Threaded rod with nuts for post support	p. 319
ZACB	Carriage bolt	p. 320
ZAS	Wood screw	p. 321
SDCS	Wood screw	p. 322
BIT	TORX bit	p. 323

ANGLE BRACKETS



KP p. 33



KPS p. 36



KPL p. 37



LBS p. 38



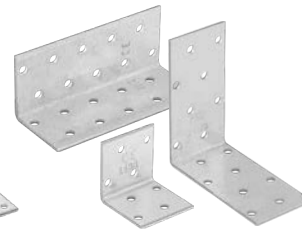
KPK p. 40



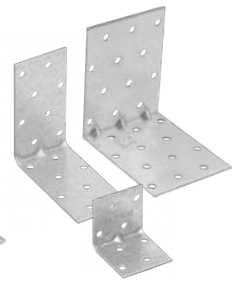
KLR p. 41



KL p. 42



KM p. 44



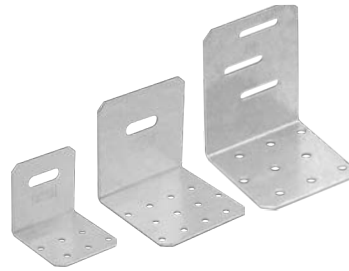
KMP p. 46



KK p. 48



LBZ p. 50



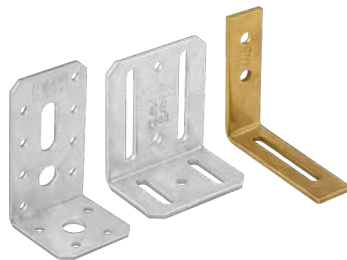
KMR p. 53



KMRP p. 53



KRD p. 54



KR p. 55



KW p. 56



FKW p. 58



KB p. 59



KS p. 60



KSO p. 60



KSZ p. 61



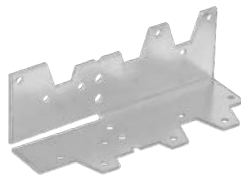
FKS p. 61



LK p. 62



LZ p. 63

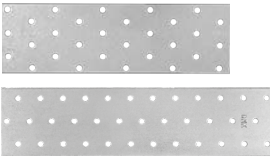


KG p. 64

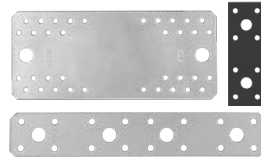


OSK p. 65

FLAT CONNECTORS



PP p. 66



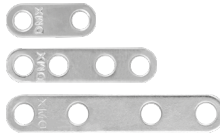
LP p. 68



TM p. 70



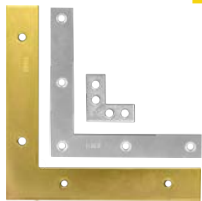
LG p. 72



FLW p. 73



LW p. 74



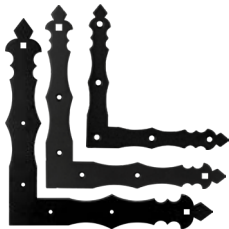
NA p. 76



NAO p. 77



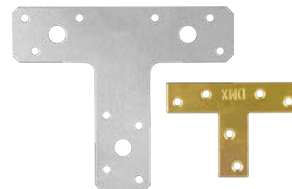
NAS p. 78



NAD p. 79



NS p. 80



KT p. 82



FKT p. 83

JOIST HANGERS



WB p. 83



WBZ p. 88



WBD p. 90



WL p. 91



SK p. 92



PD p. 93



KLM p. 94



LBO p. 95

SPECIAL WOOD CONNECTORS

GROUND-IN POST SUPPORTS



PSG p. 99



PSGR p. 100



PWU p. 101



PWG p. 102



PWOM p. 104



PWO p. 106



PWH p. 107



KR p. 107



PWM p. 108



PWB p. 109



PWF p. 110



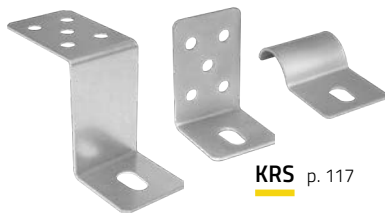
PWC p. 111



PWT p. 116



PWTU p. 117



KRS p. 117



KWZ p. 118



PWP p. 118



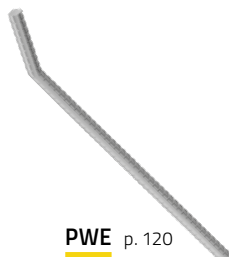
PWA p. 119



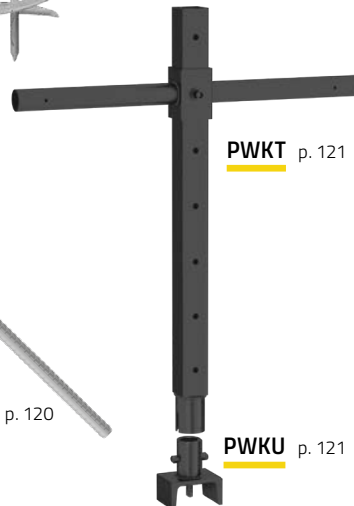
CTG p. 119



PWPP p. 120



PWE p. 120



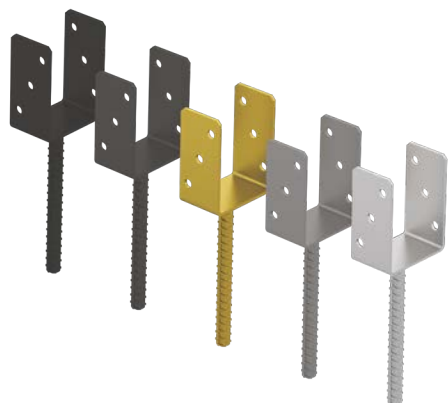
PWKT p. 121

PWKU p. 121

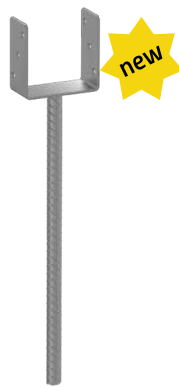


WD p. 121

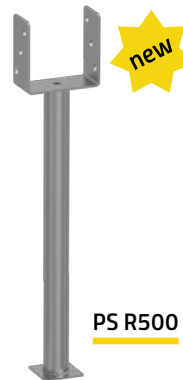
CONCRETE-IN POST SUPPORTS



PS p. 125



PS 500 p. 128



PS R500 p. 129



PSZ p. 130



PSL p. 131



PSS p. 132



PSS R500 p. 133



PSSZ p. 134



PSF p. 134



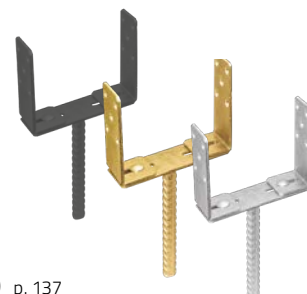
PSH p. 135



PSW p. 136



PSW R500 p. 137



PSRU p. 138



PSRU 500 p. 139



PSRU R500 p. 139



PPS p. 140

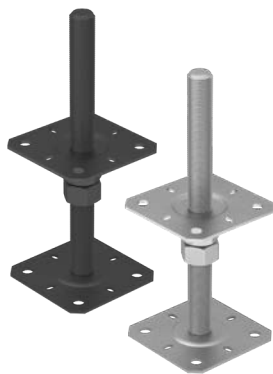


PPSR p. 141

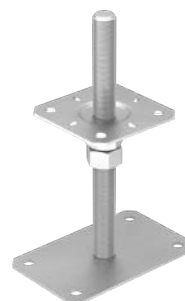
SCREW-IN POST SUPPORTS



PR p. 142



PSR p. 144



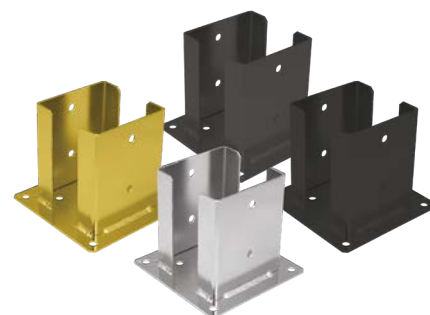
PSRP p. 146



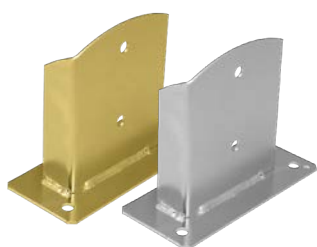
PSRT p. 147



PSP p. 148



PSPD p. 150



PSD p. 152



PSP DX p. 154



PSPW p. 156



PSPA p. 162



PSPO p. 163



PSPOD p. 164



PDP p. 165

SCREW-IN POST SUPPORTS



PSPN p. 165



PUW p. 166



PMF p. 167



PMFU p. 168



PSO p. 169



PSOZ p. 170



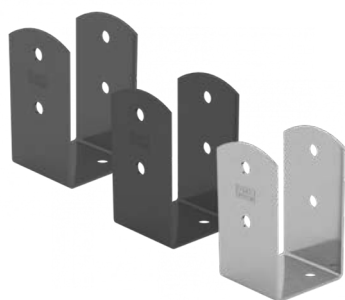
PSSOZ p. 171



PSK p. 172



PST p. 173



PSOL p. 174



PSB p. 175



PSC p. 176

ELEMENTS for ASSEMBLING GARDEN ARCHITECTURE



DKK p. 177



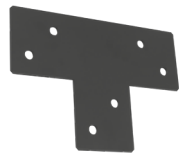
OP p. 178



SEK p. 179



GPLN p. 180



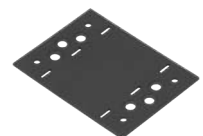
GPLP p. 180



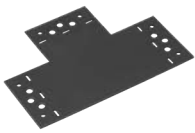
GPPS p. 181



SDD 85B p. 182



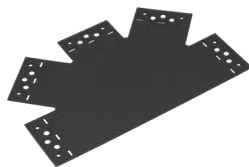
SDLPA p. 182



SDLPB 1 p. 182



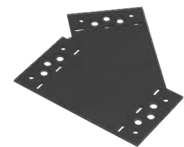
SDLZ 1 p. 183



SDLPC 1 p. 183



SDLPD 1 p. 183

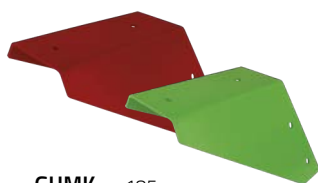


SDLPE/F 1 p. 183





GHKO p. 184



GHMK p. 185



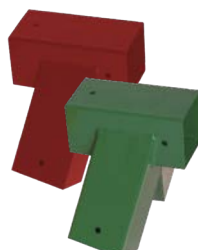
GHLS p. 185



GHSK p. 186



GHSO p. 186



GHVK p. 187



GHVO p. 187



GHZ p. 188



GHS p. 189



MHA p. 190



MHB p. 190



MHC p. 190



MHD p. 190



MHUM p. 191



MHK p. 191



MHO p. 191



MHM p. 192

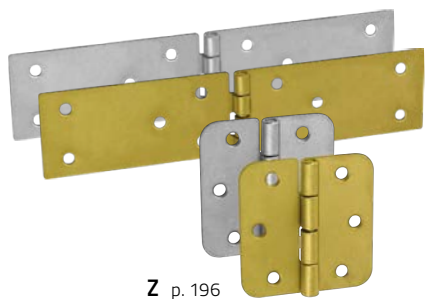


MHUW p. 192



MHW p. 192

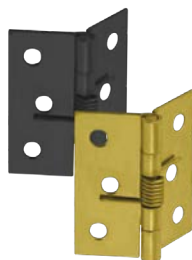
BRAIDED HINGES



Z p. 196



ZS p. 198



ZSS p. 199



ZMS p. 200



ZO p. 201



ZF p. 202



ZOF p. 203

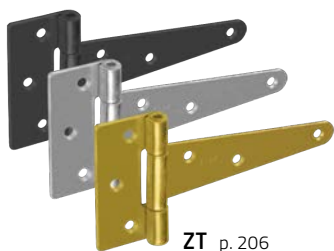


ZTS p. 204

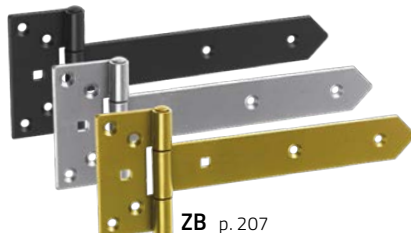


ZD p. 205

GATE HINGES



ZT p. 206



ZB p. 207



ZBW p. 208



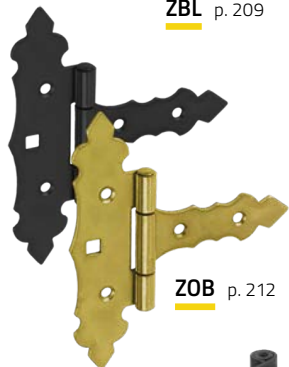
ZBL p. 209



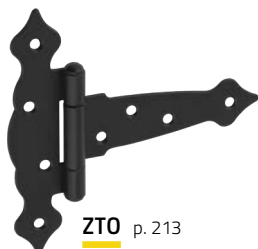
ZBP p. 210



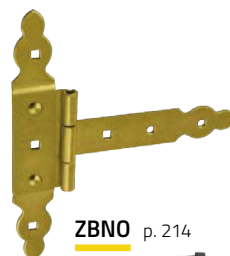
ZBO p. 211



ZOB p. 212



ZTO p. 213



ZBNO p. 214



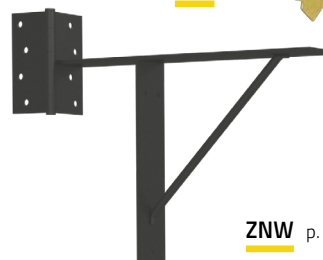
ZOK p. 214



ZBC p. 215

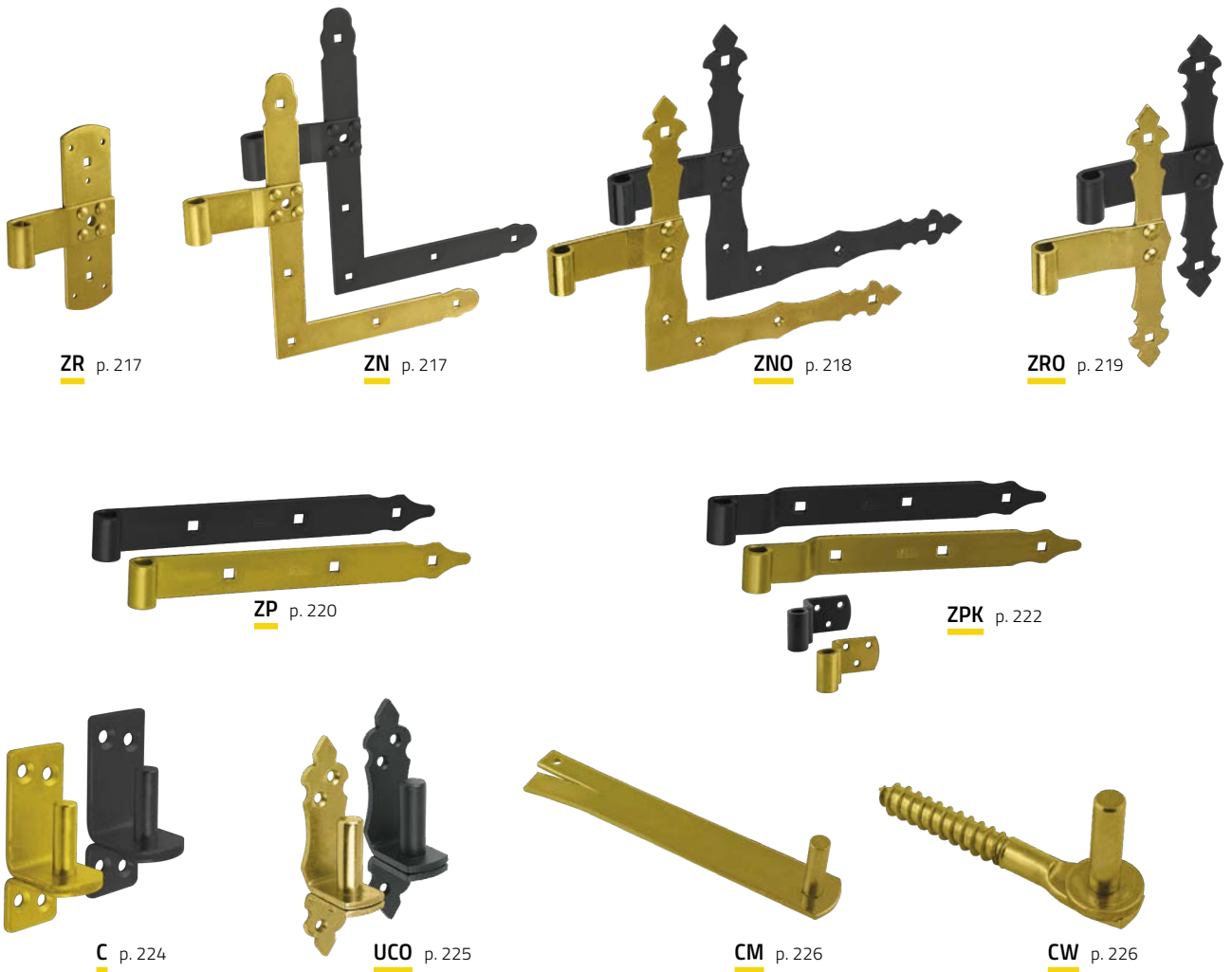


ZBS p. 215

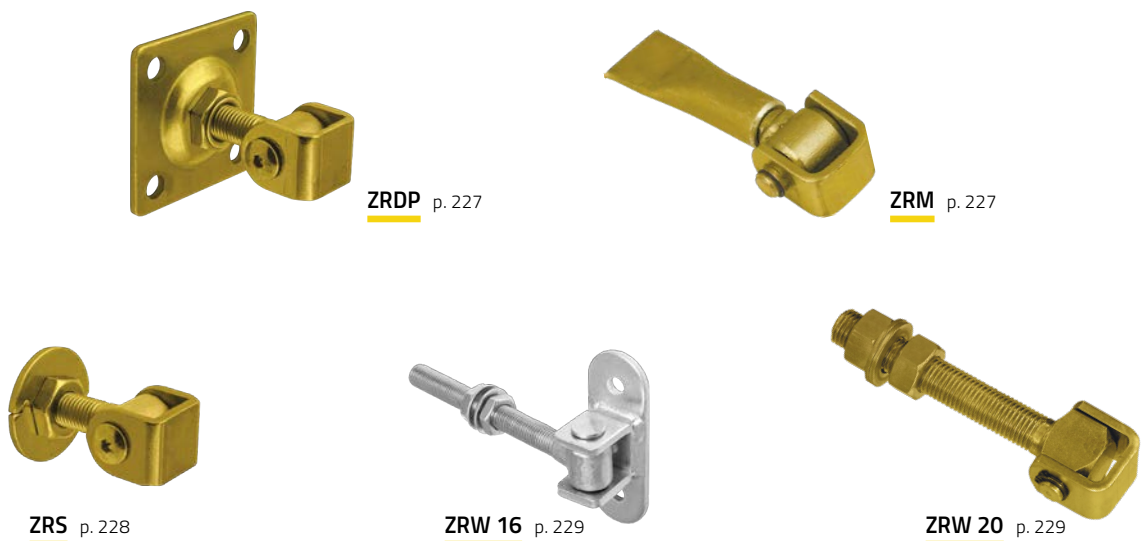


ZNW p. 216

STRAP HINGES



ADJUSTABLE HINGES



WELDING HINGES



ZTK p. 230



ZASK p. 230



ZMP p. 231



ZMD p. 231

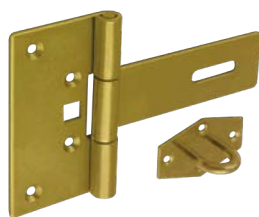


ZRB p. 232

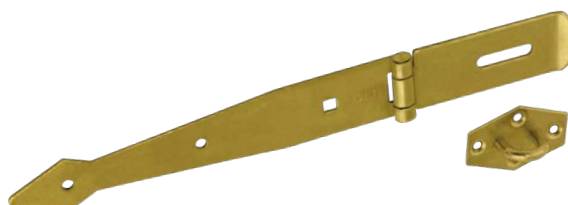


ZMC p. 232

HASPS



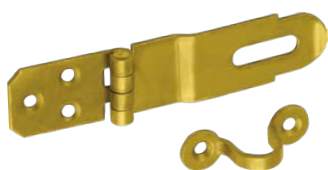
ZZBR p. 233



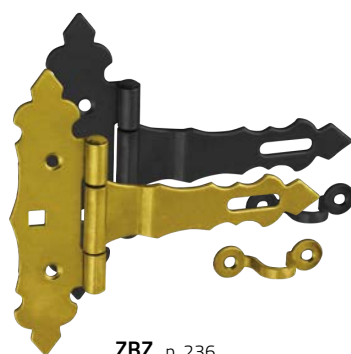
ZZB p. 233



ZZK p. 234



ZZP p. 235



ZBZ p. 236



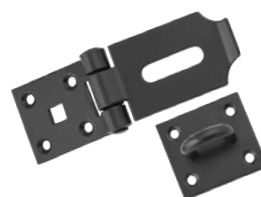
Z0Z p. 237



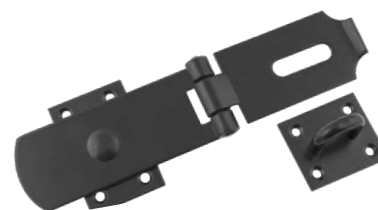
ZWD p. 238



ZWK p. 238

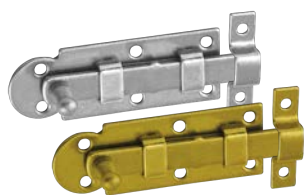


ZWP p. 239



ZWPO p. 239

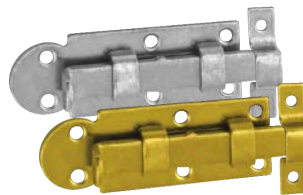
LATCHES



W p. 240



WZTW p. 241



WZP p. 242



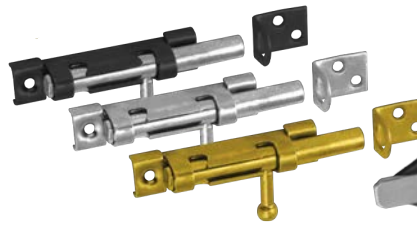
WZW p. 243



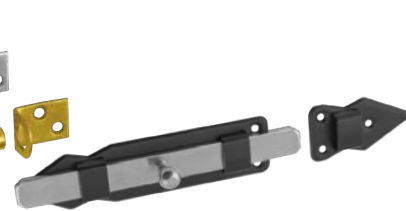
WRO p. 244



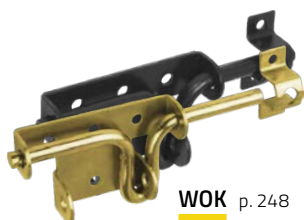
WZD p. 245



WOS p. 246



WPS p. 247



WOK p. 248



WHS p. 249

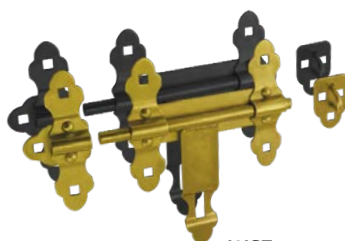


WZF p. 249

GATE LATCHES



WCW p. 250



WCZ p. 251



WZK p. 252



WHK p. 252



WHG p. 254



WOG p. 255



WOGO p. 255



WZO p. 256



WBR p. 256



WHF p. 257



WHD p. 257

BOLTS



WRG p. 258



WOT p. 258



WSP p. 259



WRU p. 260



WRB p. 260



WRZ p. 261

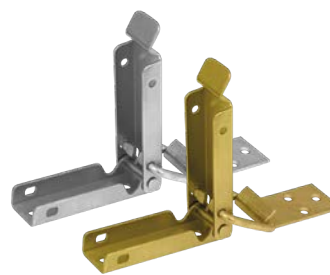
HOOKS



ZHK p. 262



ZHP p. 263



ZSK p. 264



SP p. 264

GATE STOPPERS



ST p. 266



SBR p. 266



SBK p. 267



SBO p. 268



SB 90 p. 268



SB 160 p. 269

HANDLES ■ DOOR HANDLES ■ DOOR LOCKS



UF p. 270



US p. 270



UN p. 271



UNB p. 271



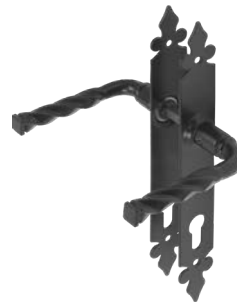
UNR p. 272



UZD p. 272



UZR p. 273



WHA p. 274



WHB p. 274



WHU p. 276



WHUP p. 276



WHZ p. 277



WHO p. 278



WHW p. 278

HARDENED SCREWS

CS p. 284



CT p. 290



CPS p. 294



CPW p. 296



WKT p. 298



WKW p. 300



PTS p. 289



WDS p. 302



GS p. 304



GT p. 306



SW p. 329



CBW p. 308



CBS p. 309



BIT p. 323



SCREWS ■ KNCHORS ■ NAILS

PBW p. 310



PBK p. 312

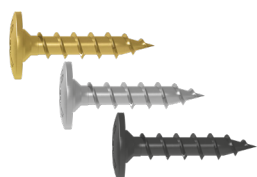


ANG p. 314

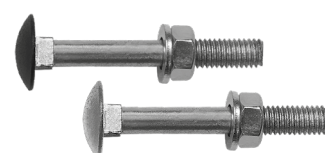


CONNECTORS for GARDEN ARCHITECTURE

CTO p. 316



ZACB p. 320



ANW p. 317



ZAS p. 321



PWD p. 318



SDCS p. 322



PNP p. 319

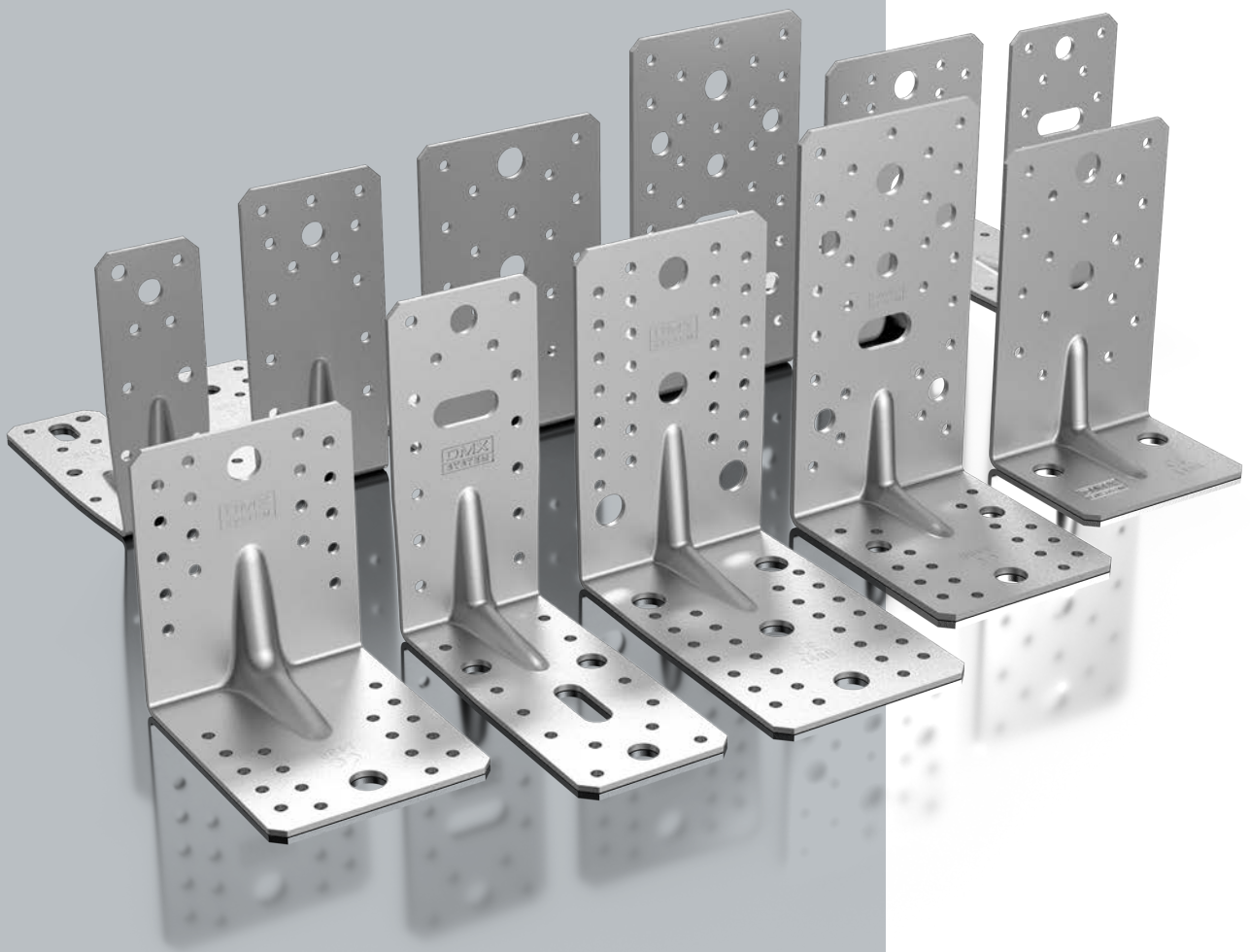


ANG	p.314	KPK	p.40	PP	p.66
ANW	p.317	KPL	p.37	PPS	p.140
BIT	p.323	KPS	p.36	PPSR	p.141
C	p.224	KR	p.55	PR	p.142
CBS	p.309	KR 8	p.107	PS	p.33
CBW	p.308	KRD	p.54	PS 500	p.128
CM	p.226	KRS	p.117	PSB	p.175
CPS	p.294	KS	p.60	PSC	p.176
CPW	p.296	KSO	p.60	PSD	p.152
CS	p.284	KSZ	p.61	PSF	p.134
CT	p.290	KT	p.82	PSG	p.99
CTG	p.119	KW	p.56	PSGR	p.100
CTO	p.316	KWZ	p.118	PSH	p.135
CW	p.226	LBO	p.95	PSK	p.172
DK	p.177	LBS	p.38	PSL	p.131
DKK	p.177	LBZ	p.50	PSO	p.169
FKS	p.61	LG	p.72	PSOL	p.174
FKT	p.83	LK	p.62	PSOZ	p.170
FKW	p.58	LP	p.68	PSP	p.148
FLW	p.73	LW	p.74	PSPA	p.162
GHKO	p.184	LZ	p.63	PSP DX	p.154
GHLS	p.185	MHA	p.190	PSPD	p.150
GHMK	p.185	MHB	p.190	PSPN	p.165
GHS	p.135	MHC	p.190	PSPO	p.163
GHSK	p.186	MHD	p.190	PSPOD	p.164
GHSO	p.186	MHK	p.191	PSPW	p.156
GHVK	p.187	MHM	p.192	PS R500	p.129
GHVO	p.187	MHO	p.191	PSR	p.144
GHZ	p.188	MHUM	p.191	PSRP	p.146
GPLN	p.180	MHUW	p.192	PSRT	p.147
GPLP	p.180	MHW	p.192	PSRU	p.138
GPPS	p.181	NA	p.76	PSRU 500	p.139
GS	p.304	NAD	p.79	PSRU R500	p.139
GT	p.306	NAO	p.77	PSS	p.132
KB	p.59	NAS	p.78	PSSOZ	p.171
KG	p.64	NS	p.80	PSS R500	p.133
KK	p.48	OP	p.178	PSSZ	p.134
KL	p.42	OSK	p.64	PST	p.173
KLM	p.94	PBK	p.312	PSW	p.136
KLR	p.41	PBW	p.310	PSW R500	p.137
KM	p.44	PD	p.93	PSZ	p.130
KMP	p.46	PDP	p.165	PTS	p.289
KMRP	p.53	PMF	p.167	PUW	p.166
KP	p.33	PMFU	p.168	PWA	p.119
KP	p.33	PNP	p.319	PWB	p.109

PWC	p. 111	WDS	p. 302	ZBS	p. 215
PWD	p. 318	WHA	p. 274	ZBW	p. 208
PWE	p. 120	WHB	p. 274	ZBZ	p. 236
PWF	p. 110	WHD	p. 257	ZD	p. 205
PWG	p. 102	WHF	p. 257	ZF	p. 202
PWH	p. 107	WHG	p. 254	ZHK	p. 262
PWKT	p. 121	WHK	p. 252	ZHP	p. 263
PWKU	p. 121	WHO	p. 278	ZMC	p. 232
PWM	p. 108	WHS	p. 249	ZMD	p. 231
PWO	p. 106	WHU	p. 276	ZMP	p. 231
PWOM	p. 104	WHUP	p. 276	ZMS	p. 200
PWP	p. 118	WHW	p. 278	ZN	p. 217
PWPP	p. 120	WHZ	p. 277	ZNO	p. 218
PWT	p. 116	WKT	p. 298	ZNW	p. 216
PWTU	p. 117	WKW	p. 300	ZO	p. 201
PWU	p. 101	WL	p. 91	ZOB	p. 212
SB 90	p. 268	WOG	p. 255	ZOF	p. 203
SB 160	p. 269	WOGO	p. 255	ZOK	p. 214
SBK	p. 267	WOK	p. 248	ZOZ	p. 237
SBO	p. 268	WOS	p. 246	ZP	p. 220
SBR	p. 266	WOT	p. 258	ZPK	p. 222
SD	p. 182	WPS	p. 247	ZR	p. 217
SDCS	p. 322	WRB	p. 260	ZRB	p. 232
SEK	p. 179	WRG	p. 258	ZRDP	p. 227
SK	p. 92	WRO	p. 244	ZRM	p. 227
SP	p. 264	WRU	p. 260	ZRO	p. 219
ST	p. 266	WRZ	p. 260	ZRS	p. 228
SW	p. 299	WSP	p. 259	ZRW 16	p. 229
TM	p. 70	WZD	p. 245	ZRW 20	p. 229
UCO	p. 225	WZF	p. 249	ZS	p. 198
UF	p. 270	WZK	p. 252	ZSK	p. 264
UN	p. 271	WZO	p. 256	ZSS	p. 199
UNB	p. 271	WZP	p. 242	ZT	p. 206
UNR	p. 272	WZTW	p. 241	ZTK	p. 230
US	p. 270	WZW	p. 243	ZTO	p. 213
UZD	p. 272	Z	p. 196	ZTS	p. 204
UZR	p. 273	ZACB	p. 320	ZWD	p. 238
W	p. 240	ZAS	p. 321	ZWK	p. 238
WB	p. 84	ZASK	p. 230	ZWP	p. 239
WBD	p. 90	ZB	p. 207	ZWPO	p. 239
WBR	p. 256	ZBC	p. 215	ZZB	p. 233
WBZ	p. 88	ZBL	p. 209	ZZBR	p. 233
WCW	p. 250	ZBNO	p. 214	ZZK	p. 234
WCZ	p. 251	ZBO	p. 211	ZZP	p. 235
WD	p. 121	ZBP	p. 210		

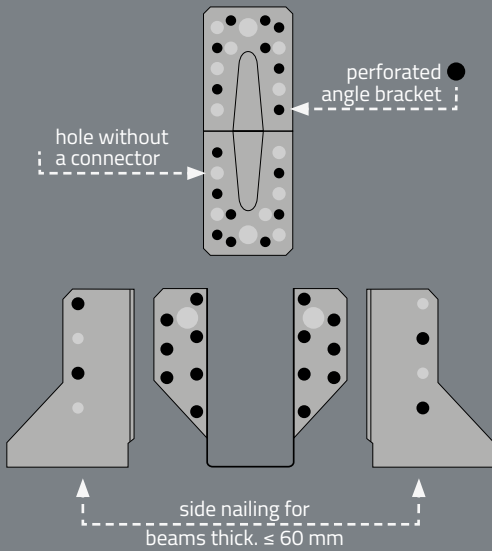


domax 



WOOD **CONNECTORS**

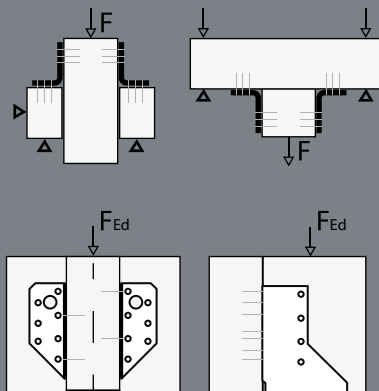
NAILING SCHEMES



One of the **Eurocode** standards defining the parameters of construction joints is the maintenance of the minimum spacing and distances between fasteners (e.g. nails). As the holes in our connectors are often more densely spaced than the spacing specified in the standard, the maximum number of nails to be used in the joint may be smaller than the number of holes in the connector. This leaves the users some freedom in terms of installation. The tables in the catalog contain **the most advantageous** nailing schemes, thanks to which **the highest loading capacity** of the connection can be obtained.

In the case of **joist hangers**, the side nails (securing the secondary beam to the hanger) do not have a bearing function in the joint. Their main task is to evenly distribute the load over the entire height of the secondary beam section. The arrangement of side nails should be used in full or staggered arrangement, depending on the thickness of the secondary beam. Full nailing is optimal for beams with a thickness greater than 60 mm. On the other hand, side nailing for beams with a thickness of ≤ 60 mm for beams with a thickness less than or equal to 60 mm, alternate nailing should be used.

LOADING CAPACITY SCHEMES



In accordance with the recommendations of **EAD 130186-00-0603**, the tests performed should reflect the behavior of the joint in practical application. Due to the large variety of product types, we have developed (based on EAD) various load patterns simulating the behavior of a given joint in practice. For the preparation of the test load diagrams, we chose connections that allow the verification of the behavior of the connectors **in the optimal and most representative application** of a given product.

The most common connection using **joist hangers** is the perpendicular connection of two wooden beams. In this catalog, we present technical parameters based on the results obtained from testing this type of connection.

Application Angle brackets with reinforcement are characterized by a very high bending strength. They have a wide range of well-thought-out nailing scheme, thanks to which they can be used both in standard solutions and selected for individually designed joints.

Material DX51D + Z275; DX51D + Z275 + black powder coating.
Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6, \phi 10$; bolts M10, M12; concrete anchors M10, M12.

KP

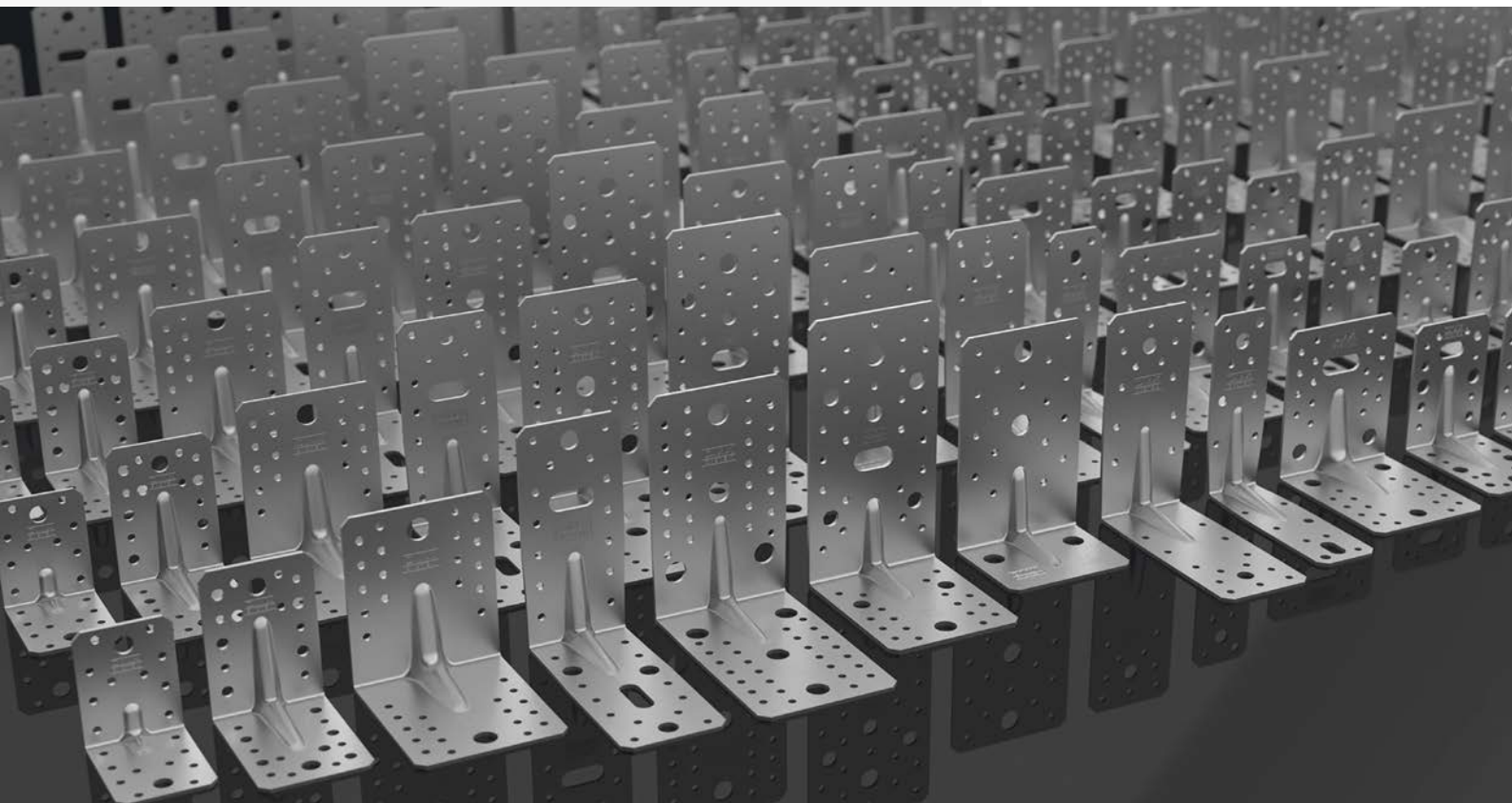
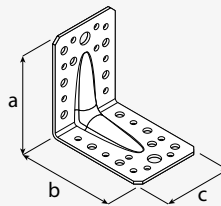
Angle bracket with reinforcement



name	coat.	art no.	dimensions [mm]				holes [mm]					weight [g]	pack [pcs]
			a	b	c	\neq	$\phi 5$	$\phi 7$	$\phi 11$	$\phi 14$	\square		
KP 1	●	4021	90	90	65	2,5	16	12	2	-	-	208	20
KP 1	■	402102	90	90	65	2,5	16	12	2	-	-	208	10
KP 2	●	4022	105	105	90	2,5	36	-	-	2	-	345	20
KP 2	●	40223	105	105	90	3,0	36	-	-	2	-	412	20
KP 3	●	4023	90	50	55	2,5	20	-	2	-	-	134	20
KP 4	●	4024	70	70	55	2,5	20	-	2	-	-	139	20
KP 5	●	4025	140	140	65	2,5	26	-	2	-	-	344	10
KP 5	■	402502	140	140	65	2,5	26	-	3	-	-	344	10
KP 6	●	4026	172	105	90	3,0	44	-	7	2	$\phi 14 \times 14$	517	10
KP 7	●	4027	145	145	90	2,5	56	-	-	8	-	450	10
KP 8	●	4028	145	70	90	2,5	17	-	-	4	-	342	10
KP 9	●	4029	128,5	128,5	45	2,5	12	4	1	-	$\phi 11 \times 9$	213	20
KP 11	●	40211	90	90	65	2,5	13	9	5	-	$\phi 11 \times 11$	206	20
KP 21	●	40221	105	105	90	2,5	28	-	4	1	$\phi 14 \times 14$	337	20

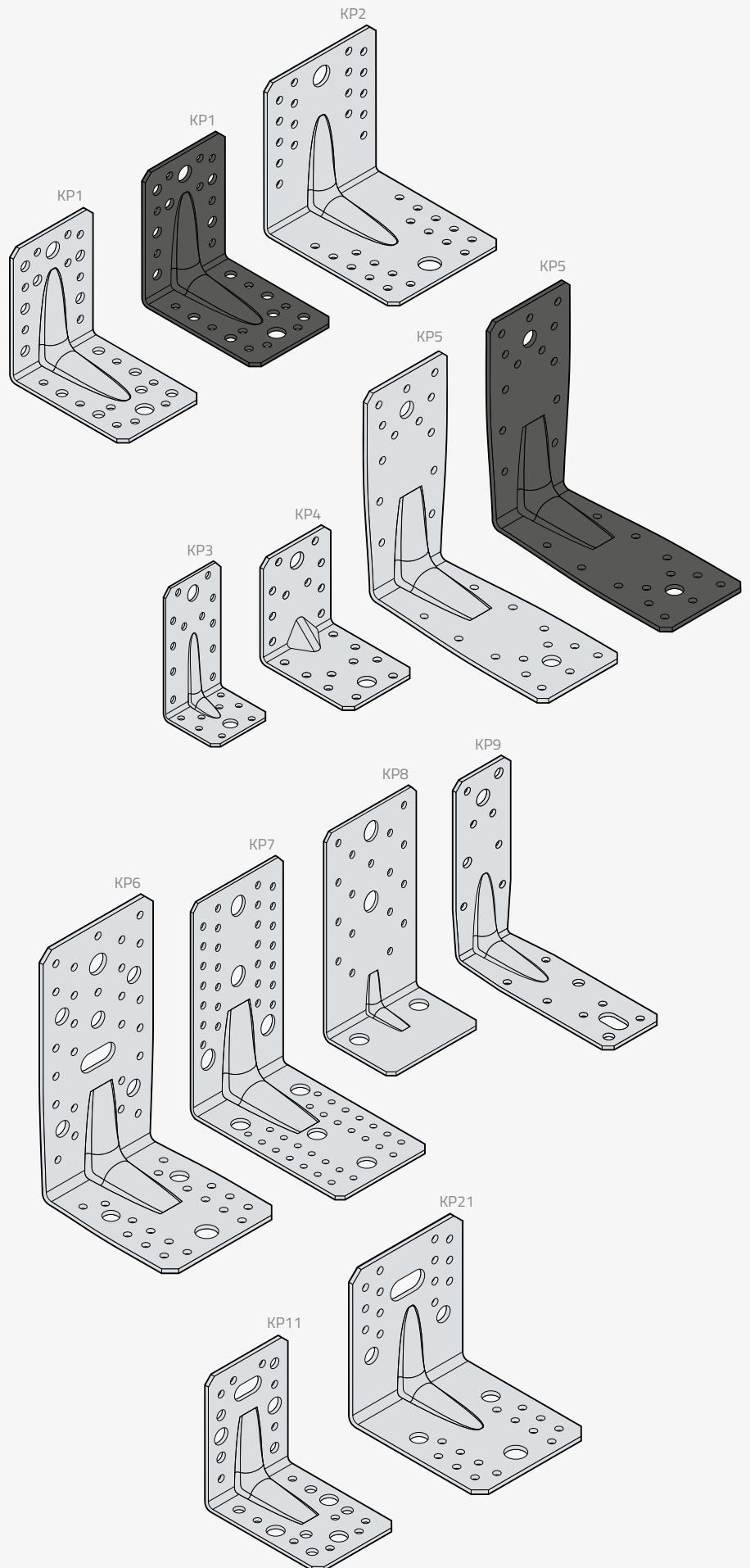
coating:

- DX51D + Z275MAC
- Duplex black



KP

Angle bracket
with reinforcement



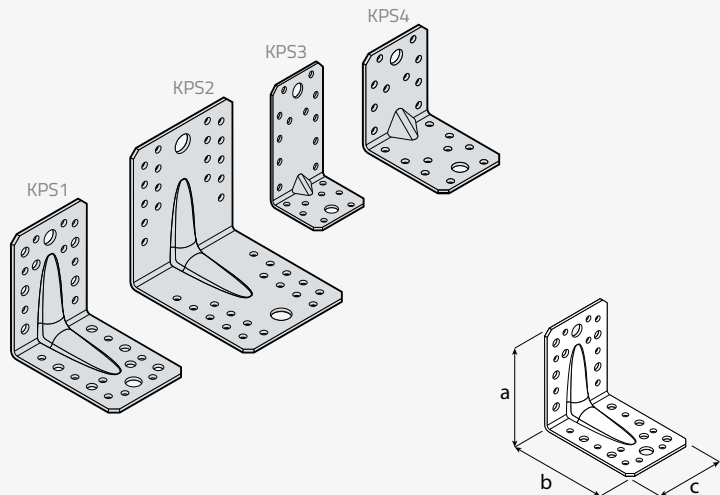


Loading capacity scheme	Nailing scheme											
Connector	KP 1	KP 2	KP 2 (3mm)	KP 3	KP 4	KP 5	KP 6	KP 7	KP 8	KP 9	KP 11	KP 21
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	12,5	12,7	12,3	12,9	12,7	12,9	12,8	16,9	23	12,2	12,6	12,6
Density $\rho_{\text{mean}, 12\%}$ [kg/m ³]	413	404	435	403	414	424	407	428,2	411,7	440	405	403
$P_{\text{max,mean}} (350 \text{ kg/m}^3)$ [kN]	32,6	40,5	42,9**	29,5	23,7	35,7	43,3	18,34	20,62	21,6	28,5	38,3
$P_{\text{max,k}} (350 \text{ kg/m}^3)$ [kN]	27,2	35,2	–	23,1	19,6	25,7	34,6	12,5	12,9	18,2	23,1	31
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 15/0725	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 14/0425	ETA 14/0425	ETA 15/0725	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.
 ** Test performed in the DOMAX laboratory.

KPS

Angle bracket with reinforcement



Application

Angle brackets with reinforcement are characterized by a very high bending strength. They have a wide range of well-thought-out nailing scheme, thanks to which they can be used both in standard solutions and selected for individually designed connections.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6, \phi 10$; bolts M10, M12; concrete anchors M10, M12.

name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	packaging [pcs]
			a	b	c	\neq	$\phi 5$	$\phi 7$	$\phi 11$	$\phi 14$		
KPS 1	●	40212	90	90	65	1,5	16	12	2	–	119	20
KPS 2	●	40222	105	105	90	1,5	36	–	–	2	207	20
KPS 3	●	40232	90	50	55	1,5	20	–	2	–	83	20
KPS 4	●	40242	70	70	55	1,5	20	–	2	–	82	20

coating:

- DX51D + Z275MAC

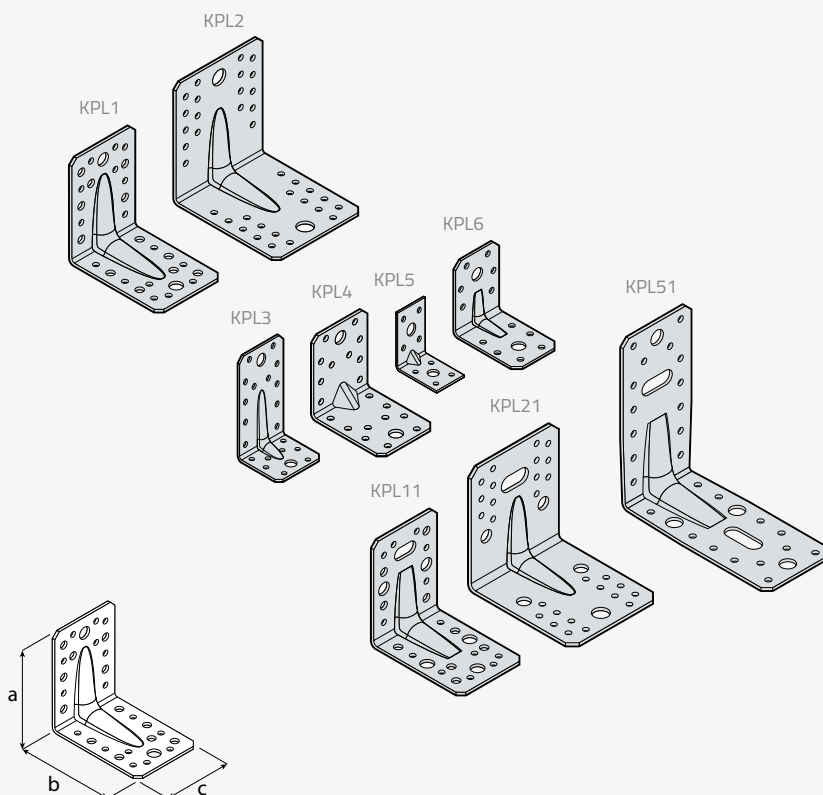


Loading capacity scheme	Nailing scheme			
Connector	KPS 1	KPS 2	KPS 3	KPS 4
Loading type	pressure	pressure	pressure	pressure
Wood moisture [%]	17,1	16,3	15,6	16
Density $\rho_{mean, 12\%}$ [kg/m ³]	411	429	391	406
$P_{max, mean}$ (350 kg/m ³) [kN]	–	–	–	–
$P_{max, k}$ (350 kg/m ³) [kN]	16,3	18,7	12,6	11,6
Fasteners per connection	2*	2*	2*	2*
Determination method	calculations	calculations	calculations	calculations
Certificate	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KPL

Angle bracket
with reinforcement



name	coat.	art no.	dimensions [mm]				holes [mm]						weight [g]	pack [pcs]	
			a	b	c	#	ø5	ø7	ø11	ø12	ø14	□			
KPL 1	●	4051	90	90	65	2	16	12	2	-	-	-	-	166	20
KPL 2	●	4052	105	105	90	2	36	-	-	-	2	-	-	276	20
KPL 3	●	4053	90	50	55	2	20	-	2	-	-	-	-	108	20
KPL 4	●	4054	70	70	55	2	20	-	2	-	-	-	-	109	20
KPL 5	●	4055	50	50	35	2	8	-	2	-	-	-	-	49	20
KPL 6	●	4056	60	60	45	2	12	-	2	-	-	-	-	76	20
KPL 11	●	40511	90	90	65	2	13	-	5	-	-	-	-	160	20
KPL 21	●	40521	105	105	90	2	28	-	4	-	1	ø11×11	-	269	20
KPL 51	●	40551	140	140	65	2	24	-	-	4	-	ø14×14	-	260	20

coating:

- DX51D + Z275MAC

Loading capacity scheme	Nailing scheme							
Connector	KPL 1	KPL 2	KPL 3	KPL 4	KPL 5	KPL 6	KPL 11	KPL 21
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	12,7	12,5	12,7	12,8	15,2	12,9	14,9	15,6
Density $\rho_{mean, 12\%}$ [kg/m ³]	401	409	424	405	421,2	422,8	452,1	472,7
$P_{max, mean}$ (350 kg/m ³) [kN]	28,2	38,4	23,9	21,2	8,09	9,49	18,43	21,23
$P_{max, k}$ (350 kg/m ³) [kN]	22,3	28,4	20,5	18,5	6,8	6,2	13	17,1
Fasteners per connection	2*	2*	2*	2*	1**	1**	1**	1**
Determination method	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.
** Forces are for a complete connection including one coupler.



LBS

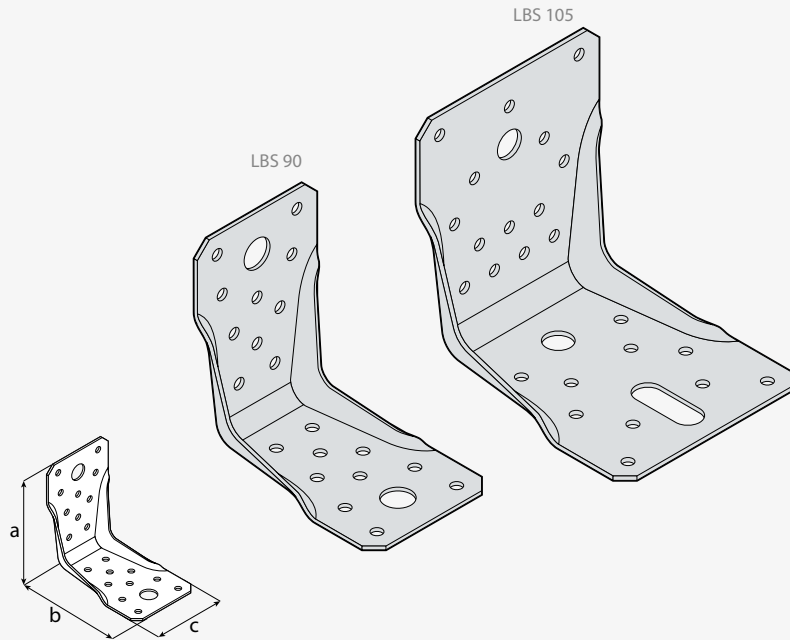
Angle bracket
double reinforced



Application Angle brackets with double ribs are characterized by very high bending strength. The hole pattern allows for connections in various combinations, such as wood-wood or wood-concrete.

Material DX51D + Z275.

Mounting ANCHOR nails ANCHOR $\phi 4$; ANW – ANCHOR screws $\phi 5$ socket Torx20; wood screws $\phi 10$; bolts M12; concrete anchors M12.



name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	pack. [pcs]
			a	b	c	\neq	$\phi 5$	$\phi 12$	$\phi 13$	\square		
LBS 90	●	40302	90	90	60	1,5	20	–	2	–	130	10
LBS 105	●	40301	105	105	90	2,0	24	2	–	$\phi 12 \times 20$	280	10

coating:
● DX51D + Z275MAC





KPK

Angle bracket with reinforcement



Application

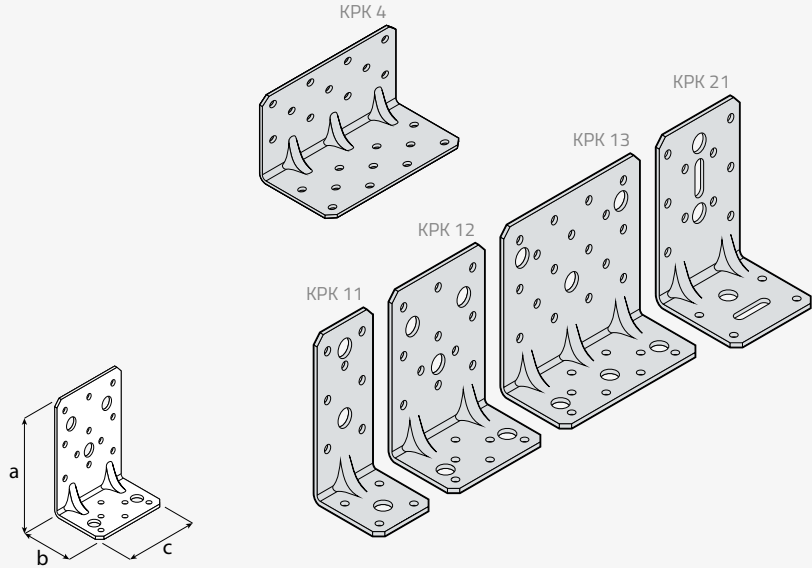
KPK angle brackets deviate from traditional punching systems in favor of adapting to the requirements of the Eurocode, in which one of the most important properties is to maintain the minimum spacing and distances between nails. They have a wide range of well-thought-out nailing scheme, thanks to which they can be used both in standard solutions and selected for individually designed joints.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6, \phi 10$; bolts M6, M10; concrete anchors M6, M10.



name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	packaging [pcs]
			a	b	c	≠	$\phi 5$	$\phi 11$	$\phi 7 \times 15$	$\phi 7 \times 20$		
KPK 4	●	4044	65	65	100	2,5	22	-	-	-	232	20
KPK 11	●	40411	95	53	45	2,5	11	3	-	-	112	20
KPK 12	●	40412	95	53	75	2,5	17	5	-	-	189	20
KPK 13	●	40413	95	53	110	2,5	25	6	-	-	281	20
KPK 21	●	40421	95	65	65	2,5	14	3	1	1	178	20

coating:

- DX51D + Z275MAC



	Nailing scheme					Load. capacity scheme
Connector	KPK 4	KPK 11	KPK 12	KPK 13	KPK 21	
Loading type	pressure	pressure	pressure	pressure	pressure	
Wood moisture [%]	14,3	17,7	14,3	13,4	12,3	
Density $\rho_{mean, 12\%}$ [kg/m ³]	416,8	460,8	460,9	398,2	468,5	
$P_{max, mean}$ (350 kg/m ³) [kN]	15,85	13	17,32	22,13	13,53	
$P_{max, k}$ (350 kg/m ³) [kN]	12,7	10,4	13,5	16,7	10,8	
Fasteners per connection	1**	1**	1**	1**	1**	
Determination method	tests	tests	tests	tests	tests	
Certificate	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425	

** Forces are for a complete connection including one coupler.

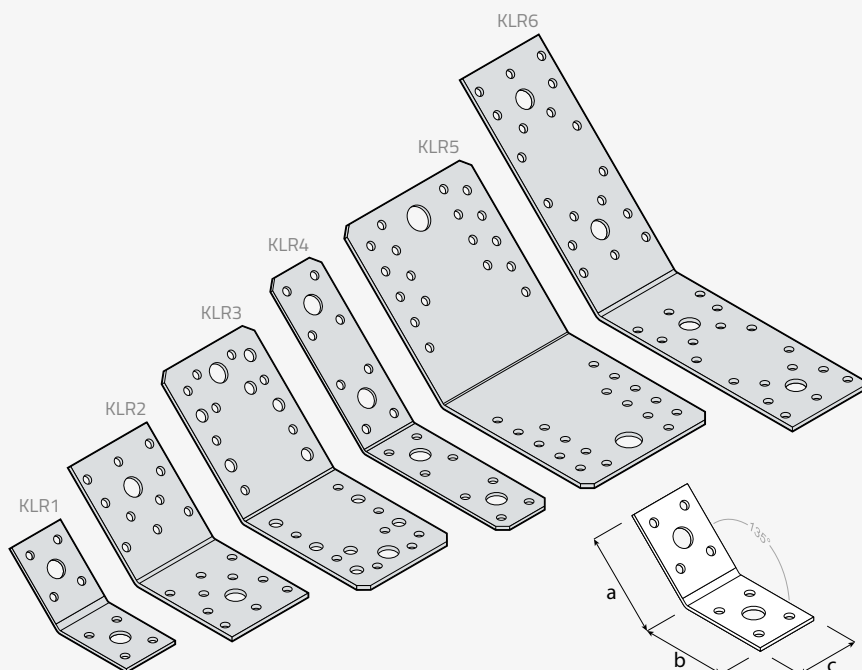
Application Angle brackets intended for joining wooden elements at an angle of 135°, making braces, swords or diagonal reinforcements of frame elements.

Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6$, $\phi 10$; bolts M10, M12; concrete anchors M10, M12.

KLR

Angle bracket
135°



name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	packaging [pcs]
			a	b	c	≠	$\phi 5$	$\phi 7$	$\phi 11$	$\phi 14$		
KLR 1	●	4081	50	50	35	2,5	8	–	2	–	62	20
KLR 2	●	4082	70	70	55	2,5	20	–	2	–	140	20
KLR 3	●	4083	90	90	65	2,5	16	12	2	–	211	20
KLR 4	●	4084	100	100	35	2,5	16	–	4	–	124	20
KLR 5	●	4085	105	105	90	2,5	36	–	–	2	347	20
KLR 6	●	4086	140	140	55	2,5	36	–	4	–	276	20

coating:
● DX51D + Z275MAC

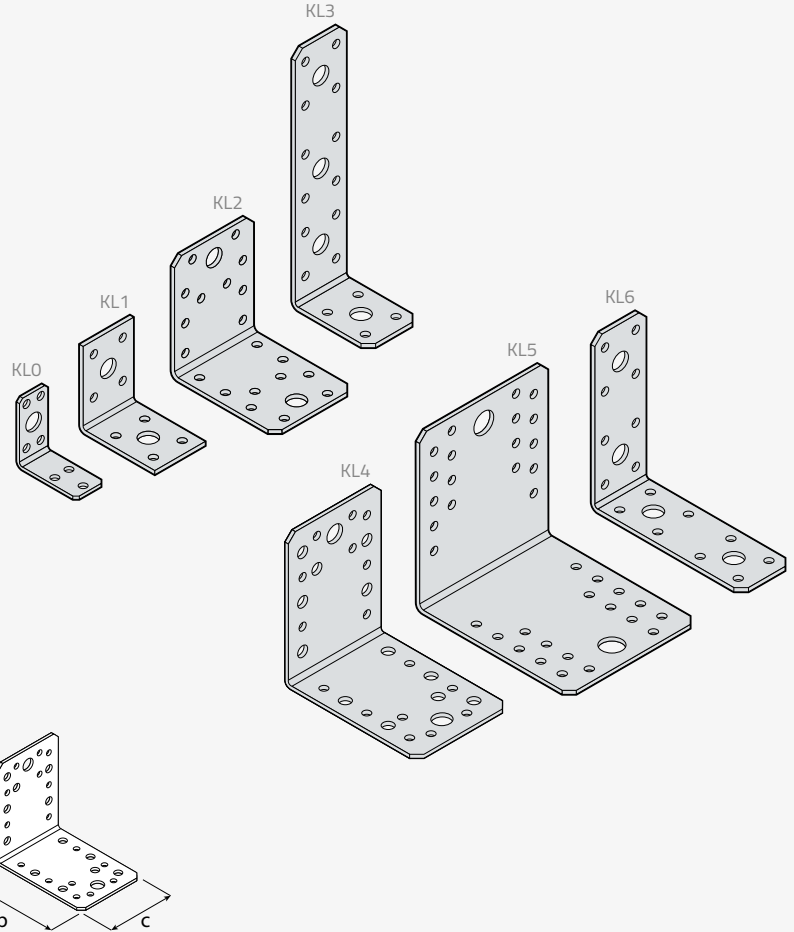
Loading capacity scheme	Nailing scheme					
Connector	KLR 1	KLR 2	KLR 3	KLR 4	KLR 5	KLR 6
Loading type	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	13,8	15,5	15,5	15,7	15,3	16
Density $\rho_{mean, 12\%}$ [kg/m ³]	422,2	429,7	407,1	468,1	410,8	497,6
$P_{max, mean}$ (350 kg/m ³) [kN]	5,71	10,95	10,59	6,35	15,41	9,98
$P_{max, k}$ (350 kg/m ³) [kN]	4,2	7,9	8,3	5,1	13,6	7,2
Fasteners per connection	1**	1**	1**	1**	1**	1**
Determination method	tests	tests	tests	tests	tests	tests
Certificate	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 14/0425

** Forces are for a complete connection including one coupler.



KL

Angle bracket



Application Basic angle brackets for joining wood with wood, concrete or steel. Various sizes of holes increase their versatility and allow mounting on many types of dowel connectors.

Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6, \phi 10$; bolts M10, M12; concrete anchors M10, M12.

name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	packaging [pcs]
			a	b	c	≠	$\phi 5$	$\phi 7$	$\phi 11$	$\phi 14$		
KL 0*	●	4070	40	40	20	2,0	7	–	1	–	21	20
KL 1	●	4071	50	50	35	2,5	8	–	2	–	62	20
KL 2	●	4072	70	70	55	2,5	20	–	2	–	138	20
KL 3	●	4073	150	50	35	2,5	16	–	4	–	124	20
KL 4	●	4074	90	90	65	2,5	16	12	2	–	208	20
KL 5	●	4075	105	105	90	2,5	36	–	–	2	349	20
KL 6	●	4076	102	102	35	2,5	16	–	4	–	122	20

* produced to order

coating:
● DX51D + Z275MAC



Loading capacity scheme	Nailing scheme						
Connector	KL 0	KL 1	KL 2	KL 3	KL 4	KL 5	KL 6
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	12,7	12,7	12,8	12,7	13	12,9	11,9
Density $\rho_{\text{mean}, 12\%}$ [kg/m ³]	438	410	401	406	401	405	435
$P_{\text{max,mean}}$ (350 kg/m ³) [kN]	8,6	14	24,4	17,7	24,8	31,2	16,2
$P_{\text{max,k}}$ (350 kg/m ³) [kN]	7,4	11	20,2	15,2	21,9	27,6	13,6
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 18/1165	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 15/0725

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KM

Perforated angle bracket



Application Standard angle brackets with universal perforation. The large number of holes placed in them allows the implementation of many simple and complex connections.

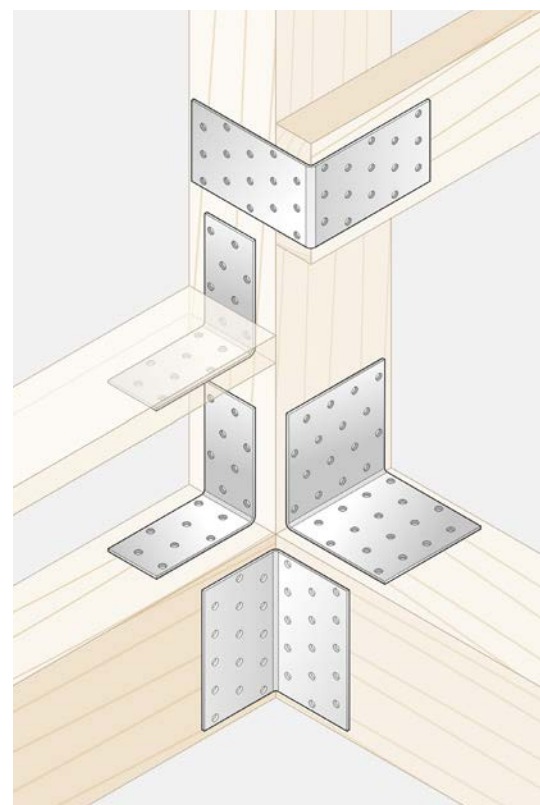
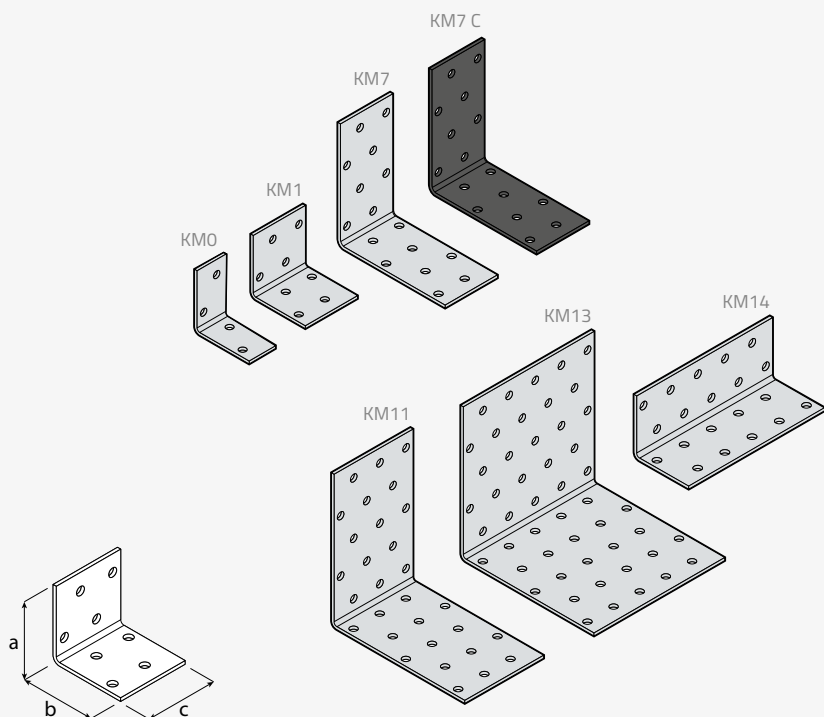
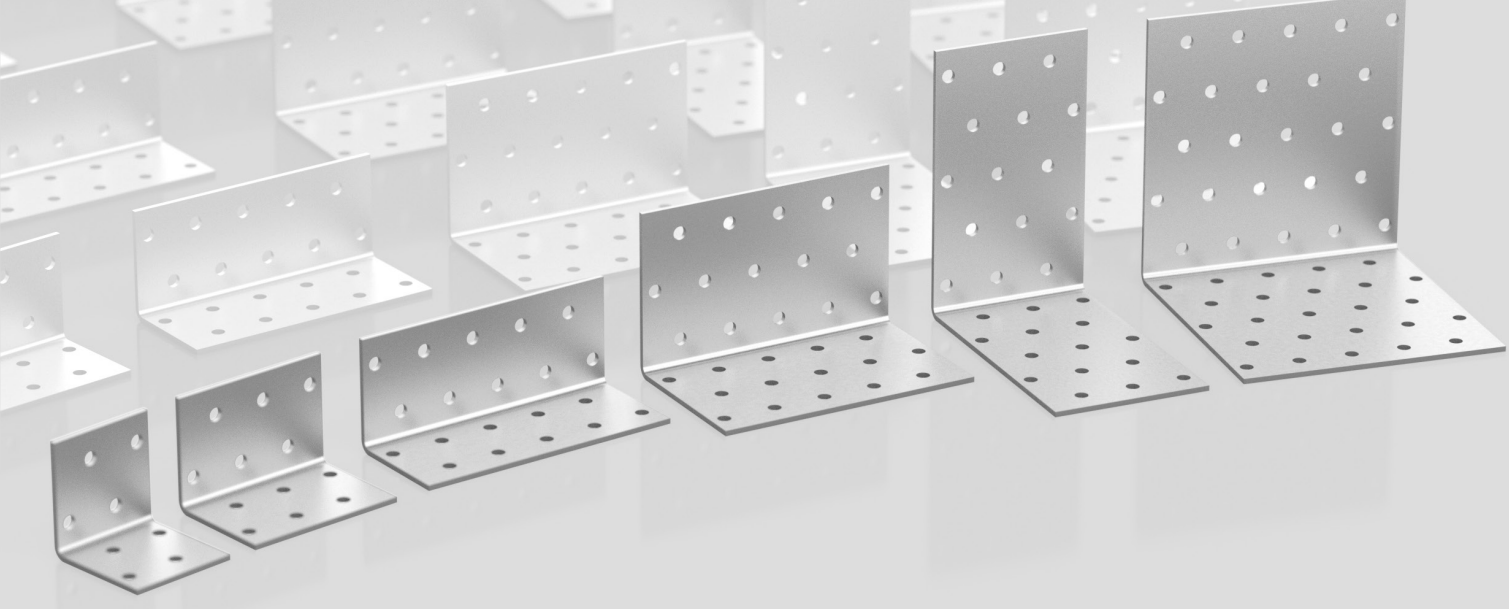
Material DX51D + Z275; Duplex: DX51D + Z275 + black powder coating.
Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.

name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	\neq	$\phi 5$			
KM 0	●	4100	40	40	20	2,0	4	24	50	
KM 1	●	4101	40	40	40	2,0	8	46	50	
KM 2	●	4102	40	40	60	2,0	12	72	50	
KM 3	●	4103	60	60	40	2,0	12	70	20	
KM 4	●	4104	60	60	60	2,0	18	106	20	
KM 5	●	4105	60	60	80	2,0	24	142	20	
KM 6	●	4106	60	60	100	2,0	30	179	20	
KM 7	●	4107	80	80	40	2,0	16	94	20	
KM 7 C	■	41072	80	80	40	2,0	16	94	20	
KM 8	●	4108	80	80	60	2,0	24	140	20	
KM 9	●	4109	80	80	80	2,0	32	187	20	
KM 10	●	4110	80	80	100	2,0	40	237	20	
KM 11	●	4111	100	100	60	2,0	30	177	20	
KM 12	●	4112	100	100	80	2,0	40	232	20	
KM 13	●	4113	100	100	100	2,0	50	294	20	
KM 14	●	4114	40	40	100	2,0	20	115	20	
KM 15	●	4115	40	40	200	2,0	40	239	20	
KM 16	●	4116	90	90	40	2,0	16	107	20	
KM 17	●	4117	50	50	40	2,0	8	51	20	
KM 18	●	4118	60	60	50	2,0	12	92	20	
KM 19	●	4119	120	90	40	3,0	18	191	20	
KM 20	●	4120	60	60	25	2,0	6	51	20	

coating:
 ● DX51D + Z275MAC
 ■ Duplex black

Loading capacity scheme	Nailing scheme						
Connector	KM 1	KM 2	KM 3	KM 4	KM 5	KM 6	KM 7
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	–	–	12,8	–	–	12,7	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	410	C24	C24	403	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	–	–	16,1	–	–	31,6	–
$P_{max,k}$ (350 kg/m ³) [kN]	14	14	14	15,2	19,88	26,3	14,8
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*
Determination method	calculations	tests	tests	calculations	calculations	tests	calculations
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.



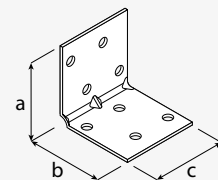
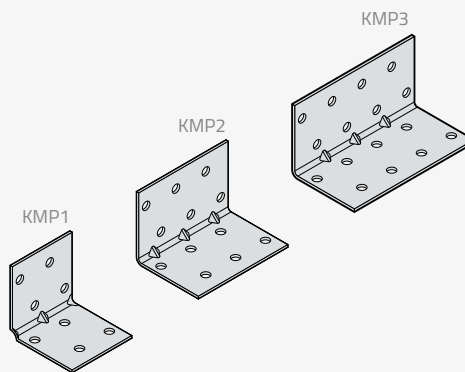
Nailing scheme

KM 8	KM 9	KM 10	KM 11	KM 12	KM 13	KM 14	KM 15	KM 16	KM 17	KM 18	KM 19	KM 20
pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
12,8	—	12,8	—	—	12,6	—	—	11,7	11,4	14,3	11,9	—
413	C24	413	C24	C24	410	C24	C24	441	456	437	429	C24
19,2	—	32,9	—	—	33,4	—	—	11,1	11,2	13,5	20,5	—
15,6	26,83	27,9	19,88	28,54	29,5	14,8	24,16	8,5	9,3	11,2	15,4	15
2*	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*
tests	calculations	tests	calculations	calculations	tests	calculations	calculations	tests	tests	tests	tests	calculations
ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 18/1165	ETA 15/0725	ETA 15/0725	ETA 18/1165	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KMP

Perforated
angle bracket
with reinforcement



Application

Standard angle brackets with universal perforation. The large number of holes placed in them allows the implementation of many simple and complex connections. Properly designed ribs increase the bending strength, which allows the use of thinner corner material while maintaining similar strength parameters.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.

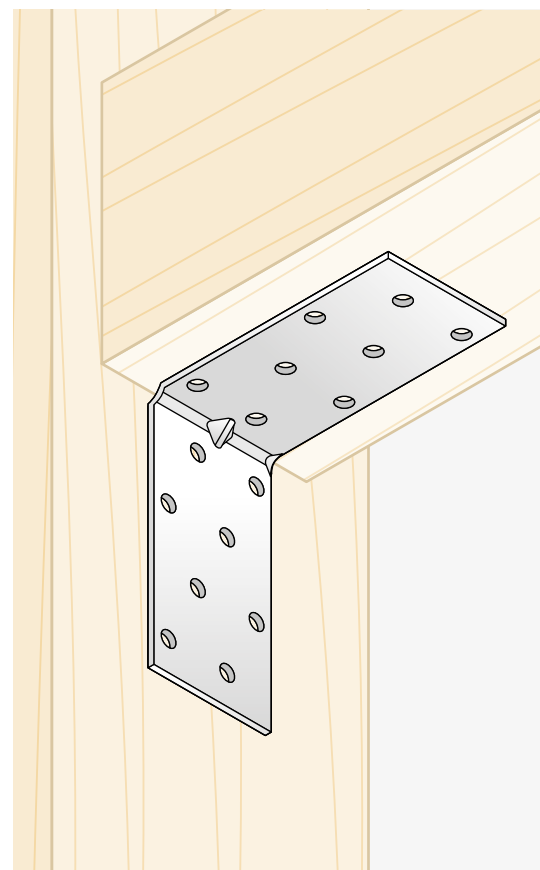
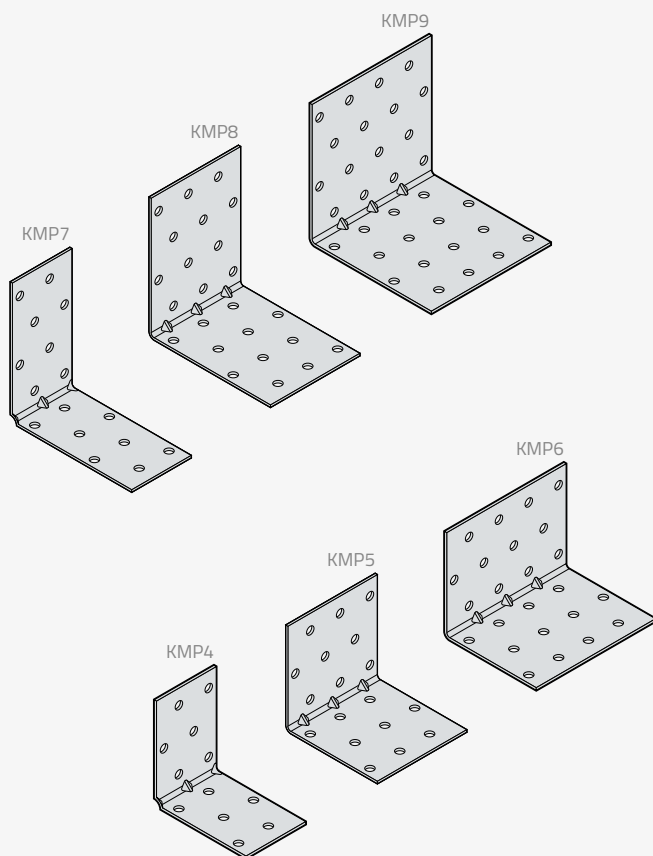
name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	#	$\phi 5$			
KMP 1	●	4131	40	40	40	1,5	8	35	50	
KMP 2	●	4132	40	40	60	1,5	12	52	50	
KMP 3	●	4133	40	40	80	1,5	16	72	20	
KMP 4	●	4134	60	60	40	1,5	12	54	20	
KMP 5	●	4135	60	60	60	1,5	18	78	20	
KMP 6	●	4136	60	60	80	1,5	24	107	20	
KMP 7	●	4137	80	80	40	1,5	16	71	20	
KMP 8	●	4138	80	80	60	1,5	24	107	20	
KMP 9	●	4139	80	80	80	1,5	32	145	20	

coating:

- DX51D + Z275MAC

KMP

Perforated
angle bracket
with reinforcement

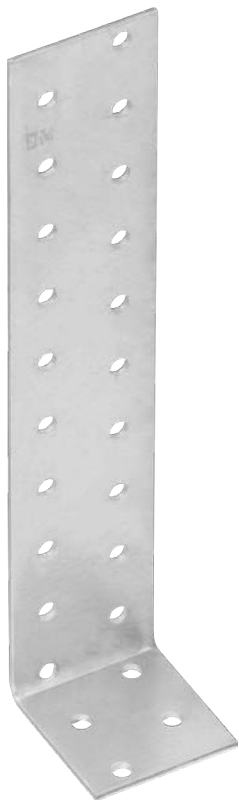


Loading capacity scheme	Nailing scheme								
Connector	KMP 1	KMP 2	KMP 3	KMP 4	KMP 5	KMP 6	KMP 7	KMP 8	KMP 9
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	-	-	-	-	-	-	-	-	-
Density $\rho_{\text{mean}, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24	C24	C24	C24	C24
$P_{\text{max,mean}} (350 \text{ kg/m}^3)$ [kN]	6,85	6,71	6,92	3,82	6,02	7,11	6,12	7,42	12,1
$P_{\text{max,k}} (350 \text{ kg/m}^3)$ [kN]	6,2	5,91	6,26	3,41	5,51	6,8	5,53	6,57	10,71
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KK

Anchor angle bracket



Application

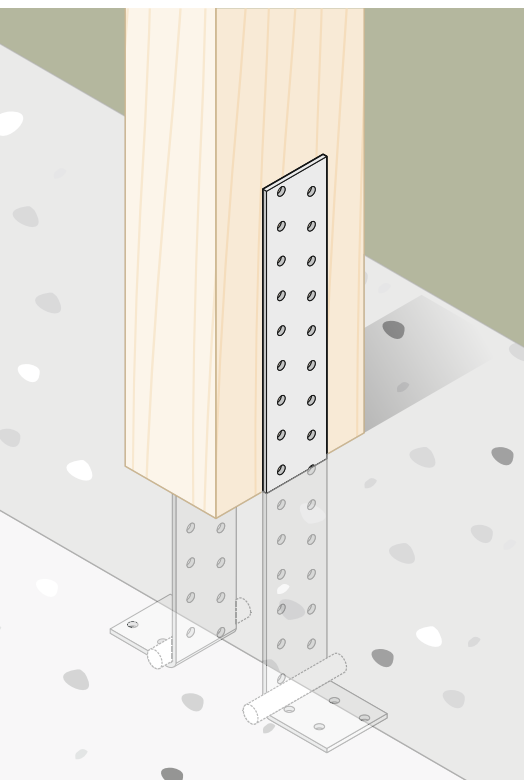
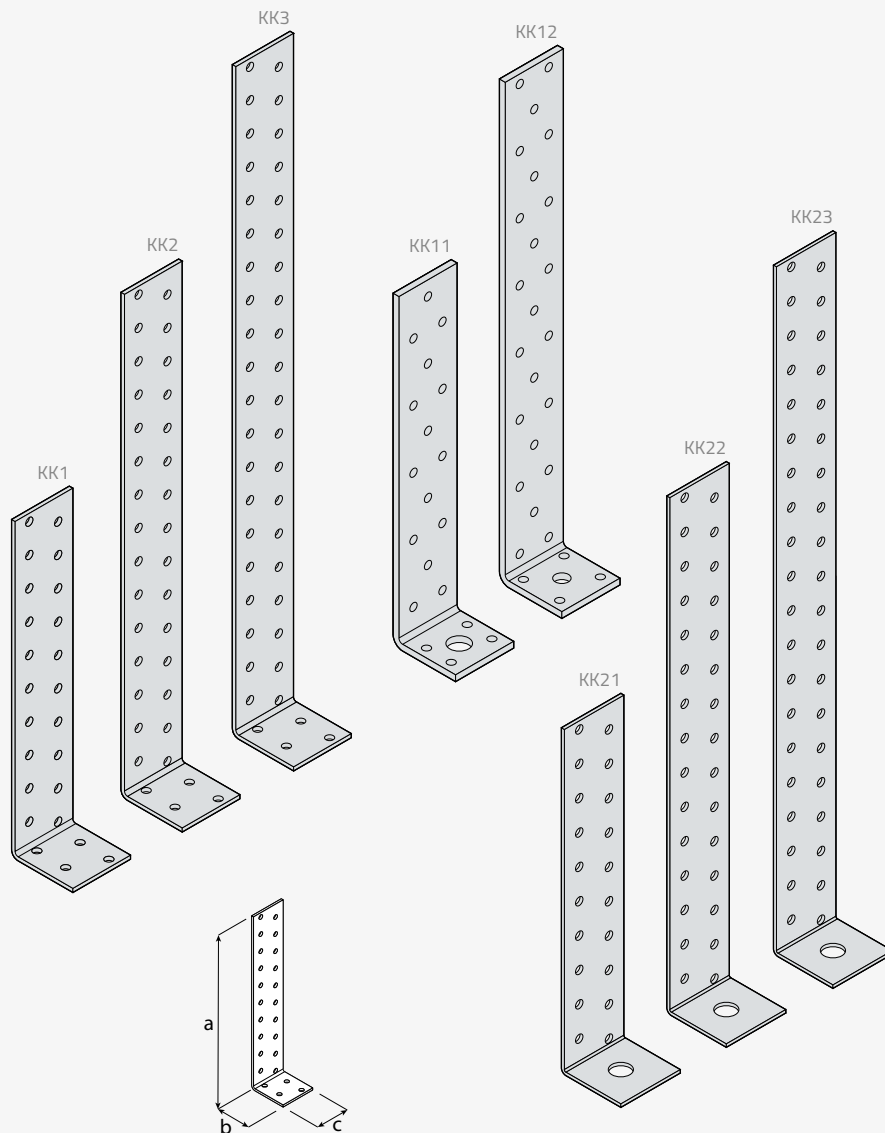
KK anchor brackets are intended for anchoring wood to concrete. They are perfect for fixing poles, ground beams and wall boards. The lower part is embedded in concrete, while wooden beams are attached to the protruding part. They are designed for fixing wood in concrete or wood in a wooden substrate. They are mainly used for anchoring poles and wooden walls.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 4$, $\phi 8$, $\phi 12$; bolts M8; concrete anchors M8, M12.



name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	pack [pcs]
			a	b	c	≠	$\phi 5$	$\phi 9$	$\phi 12$	$\phi 13$		
KK 1	●	4151	200	40	40	2,0	24	-	-	-	140	20
KK 2	●	4152	300	40	40	2,0	34	-	-	-	198	20
KK 3	●	4153	400	40	40	2,0	44	-	-	-	258	20
KK 11	●	4155	210	43	40	4,0	19	-	-	1	288	10
KK 12	●	4156	300	43	40	4,0	27	1	-	-	392	10
KK 21	●	415121	200	40	40	2,0	20	-	1	-	140	20
KK 22	●	415222	300	40	40	2,0	30	-	1	-	198	20
KK 23	●	415323	400	40	40	2,0	40	-	1	-	258	20

coating:

● DX51D + Z275MAC



	Nailing scheme								Loading capacity scheme
Connector	KK 1	KK 2	KK 3	KK 11	KK 12	KK 21	KK 22	KK 23	
Loading type	pressure	pressure	pressure	pulling out	pulling out	pulling out	pulling out	pulling out	
Wood moisture [%]	12,9	12,7	12,8	11,7	11,4	12,9	12,8	12,8	
Density $\rho_{\text{mean}, 12\%}$ [kg/m ³]	400	405	400	429	439	405	420	420	
$P_{\text{max,mean}} (350 \text{ kg/m}^3)$ [kN]	14,4	16,6	16,6	32,8	20,7	25,5	27,4	29,3	
$P_{\text{max,k}} (350 \text{ kg/m}^3)$ [kN]	11,6	13,1	14,7	26,5	18,3	19,9	22,5	25,9	
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*	
Determination method	tests	tests	tests	tests	tests	tests	tests	tests	
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 15/0725	ETA 15/0725	ETA 22/0631	ETA 22/0631	ETA 22/0631	

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

LBZ

Concrete
angle bracket

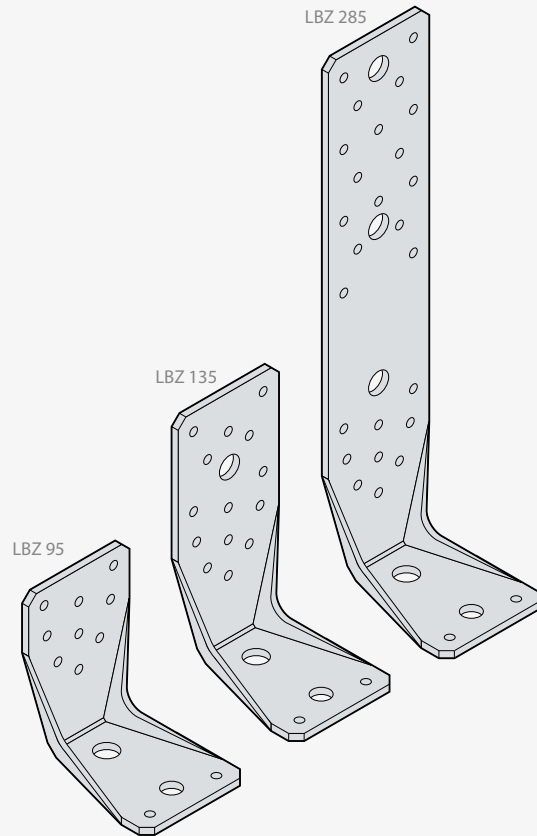


Application

LBZ concrete angle brackets are intended mainly for fixing the wall board and ground beams as well as for anchoring columns. The sheet thickness used in their production and special ribbing on the edges ensure very high bending strength.

**Material
Mounting**

S235 + hot-dip galvanized.
ANCHOR $\phi 4$ ring nails; ANW – ANCHOR screws $\phi 5$ Torx20 socket; screws for wood $\phi 10$; bolts M10, M12; concrete anchors M10, M12.



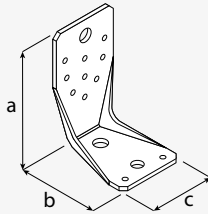
LBZ

Concrete
angle bracket

name	coat.	art no.	dimensions [mm]				holes [mm]			weight [g]	packaging [pcs]
			a	b	c	≠	∅5	∅11	∅13,5		
LBZ 95	●	4227	95	65	85	4,0	11	1	1	365	10
LBZ 135	●	4228	135	65	85	4,0	16	1	2	445	10
LBZ 285	●	4229	285	65	85	4,0	27	1	4	755	10

coating:

- hot-dip galvanization



Loading capacity scheme	Nailing scheme		
Connector	LBZ 95	LBZ 135	LBZ 285
Loading type	pulling out	pulling out	pulling out
Wood moisture [%]	13	13	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	407	432	C24
$P_{max, mean (350 kg/m^3)}$ [kN]	21,7	37	–
$P_{max, k (350 kg/m^3)}$ [kN]	18,4	29,2	50,6
Fasteners per connection	2*	2*	2*
Determination method	tests	tests	calculations
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.



 in our offer

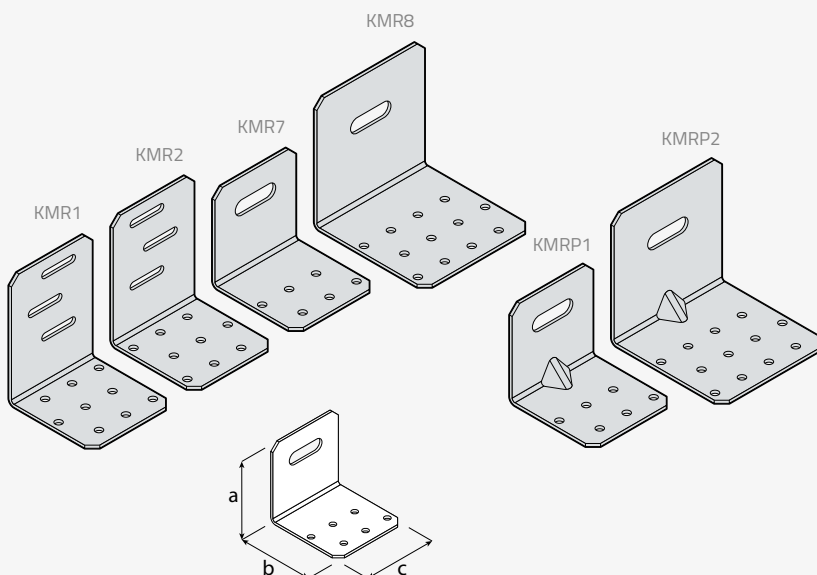
SBK

gate wheel

see page 267

Application Standard angle brackets with universal perforation. Due to the number of holes placed in them, many simple as well as complex connections can be made with these angles. The use of adjustable holes facilitates the installation of non-standard elements and the elimination of expansion stresses. Due to the fact that beam connected together can move relative to each other in a certain range, there are no stresses in the joint due to deformations or changes in wood moisture.

Material DX51D + Z275.
Mounting ANCHOR nails $\varnothing 4$; ANW – ANCHOR screws $\varnothing 5$ Torx20 socket; screws for wood $\varnothing 10$; bolts M10, M12; concrete anchors M10, M12.



name	coat.	art no.	dimensions [mm]				holes [mm]			weight [g]	packaging [pcs]
			a	b	c	≠	$\varnothing 5$	$\varnothing 5 \times 20$	$\varnothing 10 \times 20$		
KMR 1	●	4231	80	60	60	2,0	9	3	–	140	20
KMR 2	●	4232	80	60	60	2,0	9	3	–	140	20
KMR 7	●	4237	60	60	60	2,0	6	–	1	104	20
KMR 8	●	4238	80	80	80	2,0	12	–	1	189	20
KMRP 1	●	4241	60	60	60	2,0	6	–	1	104	20
KMRP 2	●	4242	80	80	80	2,0	12	–	1	190	20

coating:
 ● DX51D + Z275MAC

Loading capacity scheme	Nailing scheme					
Connector	KMR 1	KMR 2	KMR 7	KMR 8	KMRP 1	KMRP 2
Loading type	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	–	–	–	–	–	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	6,2	6,2	4,4	7,65	4,37	8,33
$P_{max, k}$ (350 kg/m ³) [kN]	5,52	5,52	3,7	6,73	3,74	6,9
Fasteners per connection	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

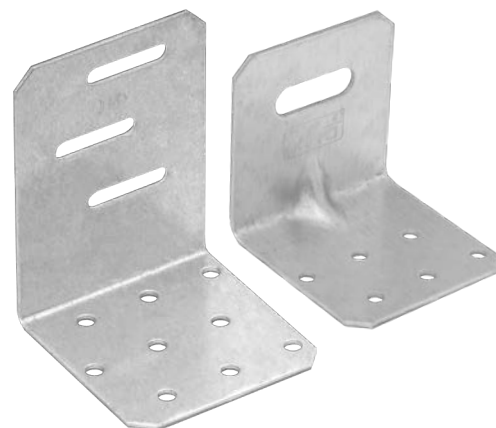
* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KMR

Perforated adjustable angle bracket

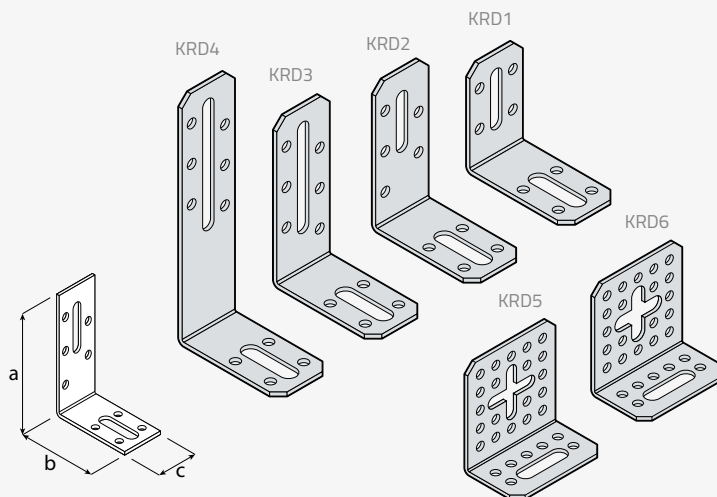
KMRP

Perforated adjustable angle bracket with reinforcement



KRD

Adjustable
angle bracket



Application

Designed for installation of windows and partition walls made of drywall. Adjustable holes can be used for initial assembly, and the final one can be realized with the use of round holes. Correction of the mutual position of the joined elements before nailing is useful in complex structures or requiring precise assembly. The oval holes, in addition to their regulatory function, also act as an expansion joint. Due to the fact that the elements to be connected move between each other in a certain range, there are no stresses in the joint due to deformations or changes in wood moisture.

Material

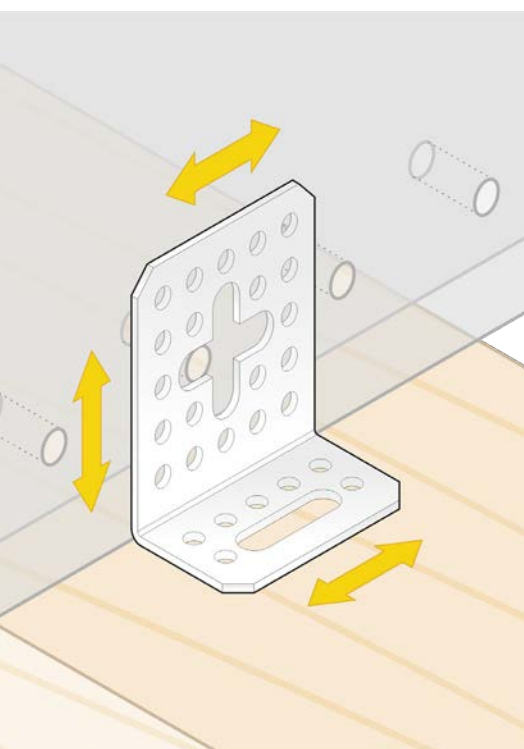
DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6$, $\phi 8$; bolts M6, M8; concrete anchors M6, M8.

name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	#	$\phi 5$	holes		
KRD 1	●	4215	50	55	30	2,0	8	$\phi 6,5 \times 23,5$; $\phi 8,5 \times 21,5$	39	20
KRD 2	●	4216	70	55	30	2,0	9	$\phi 6,5 \times 23,5$; $\phi 8,5 \times 21,5$	50	20
KRD 3	●	4217	80	55	30	2,0	10	$\phi 6,5 \times 48,5$; $\phi 8,5 \times 21,5$	50	20
KRD 4	●	4218	120	55	30	2,0	10	$\phi 6,5 \times 58,5$; $\phi 8,5 \times 21,5$	68	20
KRD 5	●	4219	60	30	56	2,0	27	$\phi 6,5 \times 23,5$	60	20
KRD 6	●	4220	60	34	56	2,0	27	$\phi 8,5 \times 21,5$	58	20

coating:
● DX51D + Z275MAC



Loading capacity scheme	Nailing scheme					
	KRD 1	KRD 2	KRD 3	KRD 4	KRD 5	KRD 6
Connector	KRD 1	KRD 2	KRD 3	KRD 4	KRD 5	KRD 6
Loading type	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	13,0	12,9	12,8	12,8	16,1	16,1
Density $\rho_{mean, 12\%}$ [kg/m ³]	413	416	409	409	453,8	430,8
$P_{max, mean (350 kg/m^3)}$ [kN]	11,1	12,2	13,1	13,1	9,65	8,74
$P_{max, k (350 kg/m^3)}$ [kN]	7,4	9,5	10,8	10,8	6,1	6,1
Fasteners per connection	2*	2*	2*	2*	1**	1**
Determination method	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 14/0425	ETA 14/0425

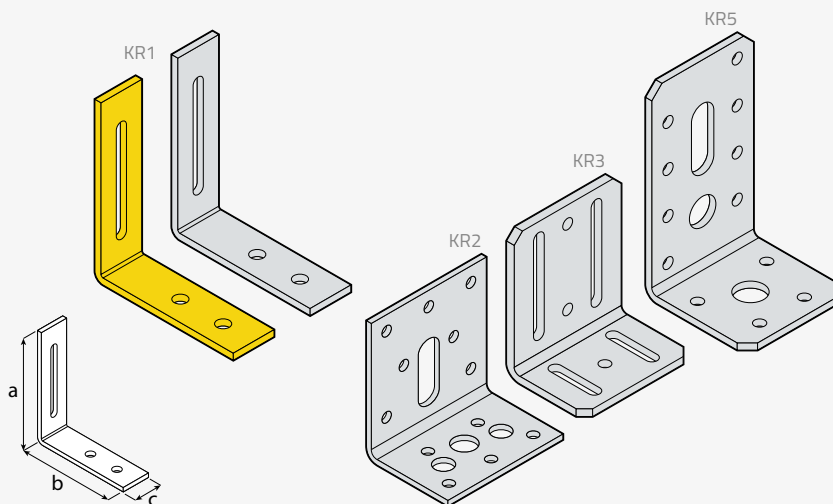
* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.
** Forces are for a complete connection including one coupler.

Application They have adjustable holes, which facilitates the installation of non-standard elements and the elimination of expansion stresses. Due to the possibility of sliding of the connected elements against each other, there are no stresses in the joint due to deformations or changes in the moisture content of the wood.

Material DC01 + yellow galvanization; DC01 + silver galvanization; DX51D + Z275.
Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 4$, $\phi 5$, $\phi 6$, $\phi 8$, $\phi 10$, $\phi 12$; bolts M5, M6, M8, M10, M12; concrete anchors M5, M6, M8, M10, M12.

KR

Adjustable angle bracket



name	coat.	art no.	dimensions [mm]				holes [mm]					weight [g]	packaging [pcs]	
			a	b	c	#	$\phi 5$	$\phi 6$	$\phi 9$	$\phi 11$	$\phi 13$			□
KR 1	●	4211	75	65	20	3,0	-	2	-	-	-	$\phi 5 \times 45$	59	20
	●	42115	75	65	20	3,0	-	2	-	-	-	$\phi 5 \times 45$	59	20
KR 2	●	4212	60	40	60	2,5	12	-	2	1	-	$\phi 11 \times 19$	100	20
KR 3	●	4213	75	45	65	4,0	-	3	-	-	-	$\phi 6,5 \times 50$ $\phi 6,5 \times 23,5$	193	20
KR 5	●	42110	90	50	50	3,0	12	-	-	-	2	$\phi 11 \times 19$	135	10

coating:

- yellow galvanization
- silver galvanization
- DX51D + Z275MAC



Loading capacity scheme	Nailing scheme			
Connector	KR 1	KR 2	KR 3	KR 5
Loading type	pressure	pressure	pressure	pressure
Wood moisture [%]	13,4	14,6	14,7	11,5
Density $\rho_{mean, 12\%}$ [kg/m ³]	438,8	396,2	408,7	450
$P_{max, mean}$ (350 kg/m ³) [kN]	6,74	12,29	7,53	17,4
$P_{max, k}$ (350 kg/m ³) [kN]	5,1	6,7	6,3	14,7
Fasteners per connection	1**	1**	1**	2*
Determination method	tests	tests	tests	tests
Certificate	ETA 14/0425	ETA 14/0425	ETA 14/0425	ETA 15/0725

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.
 ** Forces are for a complete connection including one coupler.

KW

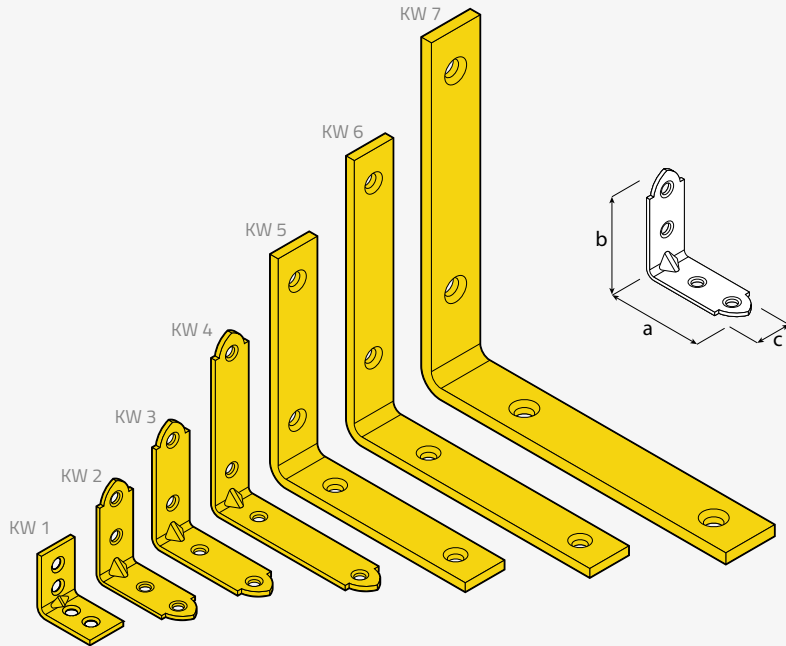
Narrow angle bracket



Application Brackets for small carpentry and furniture work. Their width allows them to be attached to the narrow sides of boards and boards.

Material DC01 + yellow galvanization; S235 + yellow galvanization; DC01 + silver galvanization.

Mounting ANCHOR nails $\phi 4$; wood screws $\phi 4$, $\phi 5$; M5 bolts; M5 concrete anchors.



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	\neq	$\phi 4,5$	$\phi 6$		
KW 1	●	4001	25	25	17	1,5	4	–	9	50
KW 2	●	4002	40	40	17	1,5	4	–	14	50
KW 3	●	4003	50	50	17	2,0	4	–	24	20
KW 4	●	4004	75	75	17	2,0	4	–	40	20
KW 5	●	4005	100	100	20	4,0	–	4	116	20
KW 6	●	4006	125	125	20	4,0	–	4	146	20
KW 7	●	4007	150	150	25	5,0	–	4	274	20

coating:
● yellow galvanization

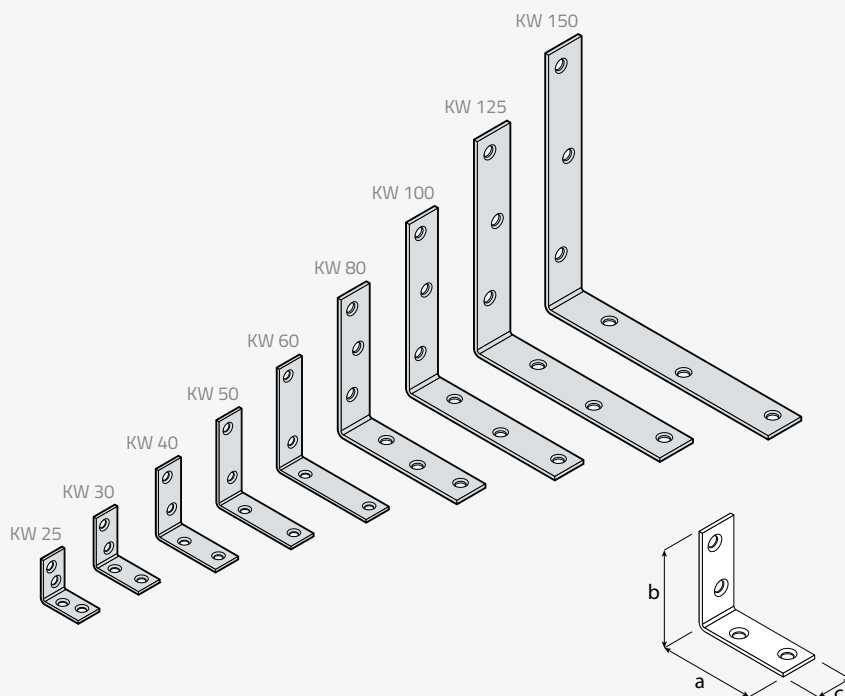


Loading capacity scheme	Nailing scheme						
Connector	KW 1	KW 2	KW 3	KW 4	KW 5	KW 6	KW 7
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	12,8	12,8	12,9	12,9	12,7	12,7	12,7
Density $\rho_{mean, 12\%}$ [kg/m ³]	413	413	402	402	409	409	430
$P_{max,mean}$ (350 kg/m ³) [kN]	7,2	7,2	7,3	7,3	12,6	12,6	14,7
$P_{max,k}$ (350 kg/m ³) [kN]	6	6	5,5	5,5	10,9	10,9	11,1
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KW

Narrow angle bracket



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	≠	ø4,5			
KW 25	●	40014	25	25	14	1,5	4	9	50	
KW 30	●	40019	30	30	14	1,5	4	9	50	
KW 40	●	40024	40	40	15	1,5	4	13	50	
KW 50	●	40034	50	50	15	1,5	4	23	50	
KW 60	●	40044	60	60	19	2,0	6	37	20	
KW 80	●	448561	80	80	19	2,0	6	45	20	
KW 100	●	448571	100	100	19	2,0	6	57	20	
KW 125	●	448581	125	125	22	2,0	6	83	20	
KW 150	●	448591	150	150	22	2,0	6	101	20	

coating:
● silver galvanization

Loading capacity scheme	Nailing scheme								
Connector	KW 25	KW 30	KW 40	KW 50	KW 60	KW 80	KW 100	KW 125	KW 150
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	12,6	12,6	12,6	12,6	12,6	12,9	12,9	12,9	12,9
Density $\rho_{mean, 12\%}$ [kg/m ³]	407	407	407	407	407	410	410	410	410
$P_{max,mean}$ (350 kg/m ³) [kN]	7,6	7,6	7,6	7,6	7,6	9,7	9,7	9,7	9,7
$P_{max,k}$ (350 kg/m ³) [kN]	5,6	5,6	5,6	5,6	5,6	7,6	7,6	7,6	7,6
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.





FKW

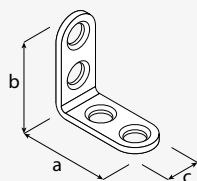
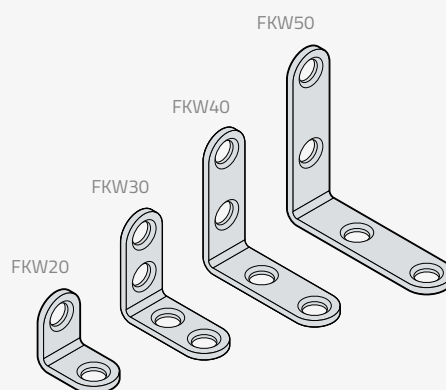
Rounded angle bracket



Application Brackets for small carpentry and furniture work. Their width allows them to be attached to the narrow sides of boards and boards.

Material DC01 + silver galvanization.

Mounting Ø4 wood screws, euro screws.

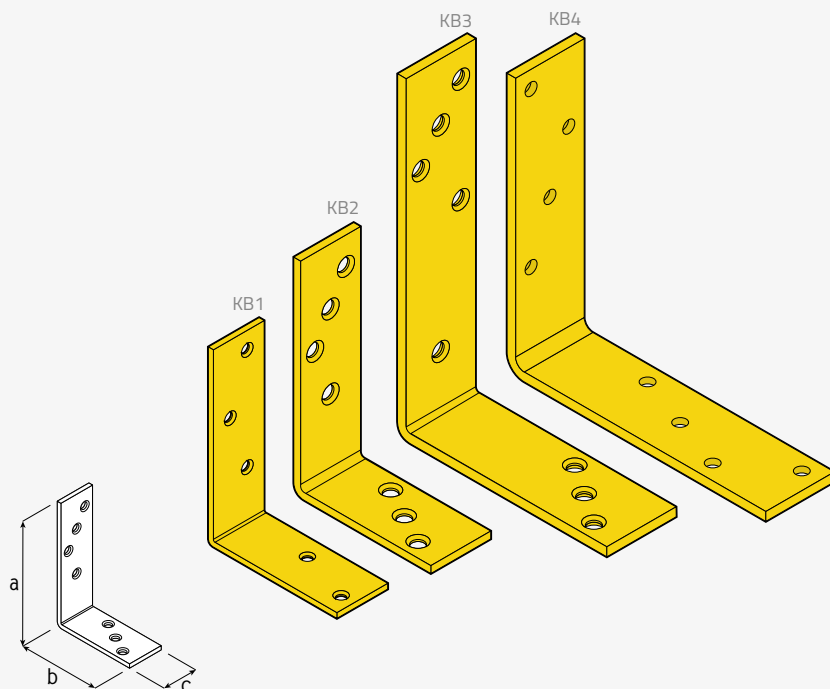


name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging
			a	b	c	≠	ø6,5			
FKW 20	●	4482114	20	20	13	2,0	2	24	4 à 25 pcs.	
FKW 30	●	4482214	30	30	13	2,0	4	35	4 à 25 pcs.	
FKW 40	●	4482314	40	40	13	2,0	4	52	4 à 25 pcs.	
FKW 50	●	4482414	50	50	13	2,0	4	68	4 à 25 pcs.	

coating:
● silver galvanization

Application Strong angle brackets made from thick material. A characteristic feature of these joints is the arrangement of holes in rows offset to each other, which avoids hammering nails between the same wood fibers, thus reducing the risk of breakage.

Material S235 + yellow galvanization.
Mounting ANCHOR nails $\varnothing 4$; $\varnothing 4$, $\varnothing 6$ wood screws.



name	coat.	art no.	dimensions [mm]				holes [mm]			weight [g]	packaging [pcs]
			a	b	c	#	$\varnothing 4$	$\varnothing 7$	$\varnothing 7,5$		
KB 1	●	4015	100	75	30	3,0	5	-	-	121	20
KB 2	●	4016	120	80	35	4,0	-	7	-	201	10
KB 3	●	4017	180	120	40	5,0	-	-	8	440	10
KB 4	●	4018	150	150	40	5,0	-	8	-	440	5

coating:
 ● yellow galvanization

KB

Construction angle bracket



Loading capacity scheme	Nailing scheme			
	KB 1	KB 2	KB 3	KB 4
Connector	KB 1	KB 2	KB 3	KB 4
Loading type	pressure	pressure	pressure	pressure
Wood moisture [%]	-	-	-	12,7
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	420
$P_{max, mean}$ (350 kg/m ³) [kN]	7,84	9,04	9,04	21,9
$P_{max, k}$ (350 kg/m ³) [kN]	7,46	8,62	8,62	19,3
Fasteners per connection	2*	2*	2*	2*
Determination method	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 15/0725

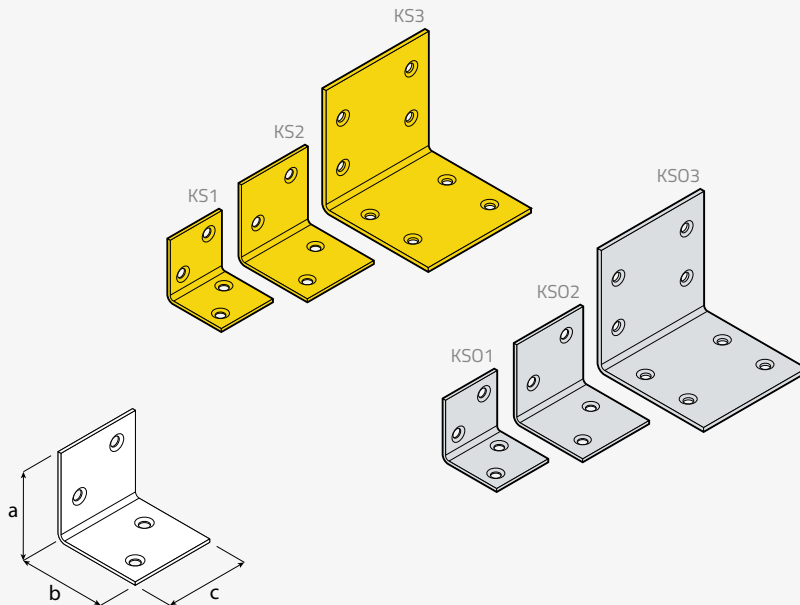
* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

KS

Wide angle bracket



Application Universal brackets for small carpentry and furniture works.
 Material DC01 + yellow galvanization; DX51D + Z275.
 Mounting ANCHOR nails $\phi 4$; $\phi 4$ wood screws.



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	≠	$\phi 4,5$			
KS 1	●	4011	30	30	30	1,5	4	21	50	
KS 2	●	4012	40	40	40	1,5	4	37	50	
KS 3	●	4013	60	60	60	2,0	8	113	20	
KSO 1	●	40114	30	30	30	1,5	4	21	50	
KSO 2	●	40124	40	40	40	1,5	4	37	50	
KSO 3	●	40134	60	60	60	2,0	8	110	20	

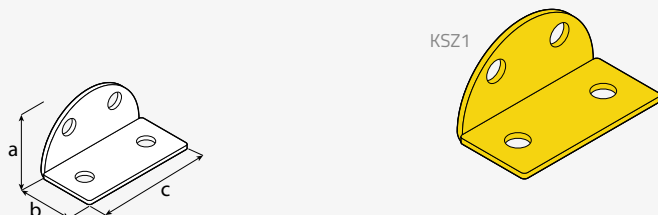
coating:
 ● yellow galvanization
 ● DX51D + Z275MAC



Loading capacity scheme	Nailing scheme					
	KS 1	KS 2	KS 3	KSO 1	KSO 2	KSO 3
Connector	KS 1	KS 2	KS 3	KSO 1	KSO 2	KSO 3
Loading type	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	-	-	-	-	-	-
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	3,68	3,68	7,04	3,95	3,95	7,28
$P_{max, k}$ (350 kg/m ³) [kN]	3,44	3,44	6,65	3,49	3,49	6,58
Fasteners per connection	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

Application Universal brackets for small carpentry and furniture works.
Material DC01 + yellow galvanization.
Mounting ANCHOR nails $\varnothing 4$; $\varnothing 4$ wood screws.



name	coat.	art no.	dimensions [mm]				holes [mm]			weight [g]	packaging [pcs]
			a	b	c	≠	$\varnothing 4,5$	$\varnothing 4,5$	$\varnothing 4,5$		
KSZ 1	●	8879	20	19	40	1,5	4			13	20

coating:
 ● yellow galvanization

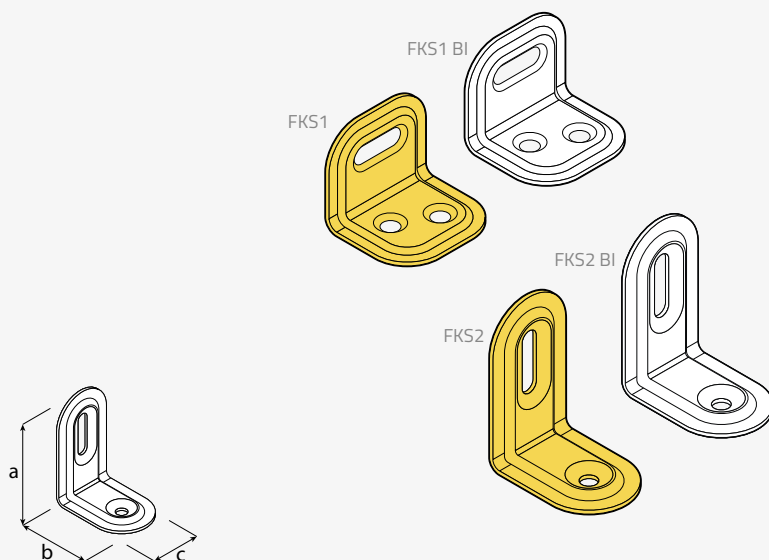
KSZ

Wide rounded angle bracket



Application FKS angle brackets have adjustable holes, which facilitates the installation of non-standard elements and eliminates expansion stresses. Due to the fact that the elements to be connected move between each other in a certain range, there are no stresses in the joint due to deformations or changes in wood moisture.

Material DC01 + galvanization; DC01 + galvanization + white powder paint.
Mounting ANCHOR nails $\varnothing 4$; $\varnothing 4$ wood screws.



name	coat.	art no.	dimensions [mm]				holes [mm]			weight [g]	packaging [pcs]
			a	b	c	≠	$\varnothing 4,5$	$\varnothing 4,5 \times 9,5$	$\varnothing 4,3 \times 12$		
FKS 1	●	448111	25	25	29	1,0	2	1	-	12	20
FKS 1 BI	○	448113	25	25	29	1,0	2	1	-	12	20
FKS 2	●	448121	40	28	22	1,0	1	-	1	11	20
FKS 2 BI	○	448123	40	28	22	1,0	1	-	1	11	20

coating:
 ● yellow galvanization
 ○ powder coated, white

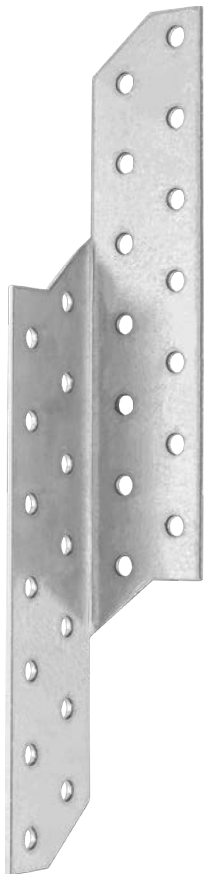
FKS

Adjustable angle bracket



LK

Rafter connector



Application

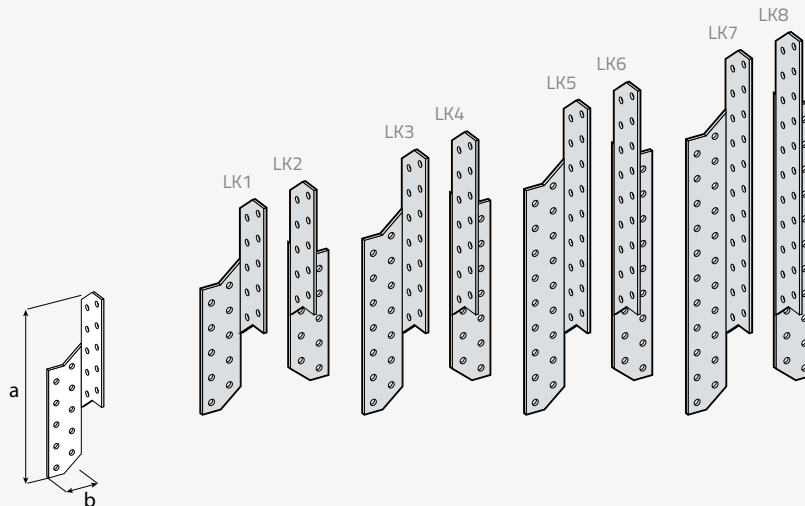
Specially designed connector for fixing rafters. The main advantage of its use is a significant increase in the resistance of the roof to wind blows.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.



name	coat.	art no.	side	dimensions [mm]			holes [mm]		weight [g]	packaging [pcs]
				a	b	#	$\phi 5$			
LK 1	●	4661	L	170	32	2,0	20	94	20	
LK 2	●	4662	R	170	32	2,0	20	94	20	
LK 3	●	4663	L	210	32	2,0	28	132	20	
LK 4	●	4664	R	210	32	2,0	28	132	20	
LK 5	●	4665	L	250	32	2,0	36	169	20	
LK 6	●	4666	R	250	32	2,0	36	169	20	
LK 7	●	4667	L	290	32	2,0	44	207	20	
LK 8	●	4668	R	290	32	2,0	44	207	20	

coating:

- DX51D + Z275MAC



Loading capacity scheme	Nailing scheme							
Connector	LK 1	LK 2	LK 3	LK 4	LK 5	LK 6	LK 7	LK 8
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	–	–	–	–	–	–	–	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24	C24	C24	C24
$P_{max, mean (350 kg/m^3)}$ [kN]	21,26	21,26	22,16	22,16	22,52	22,52	22,04	22,04
$P_{max, k (350 kg/m^3)}$ [kN]	19,36	19,36	19,25	19,25	19,91	19,91	19,35	19,35
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

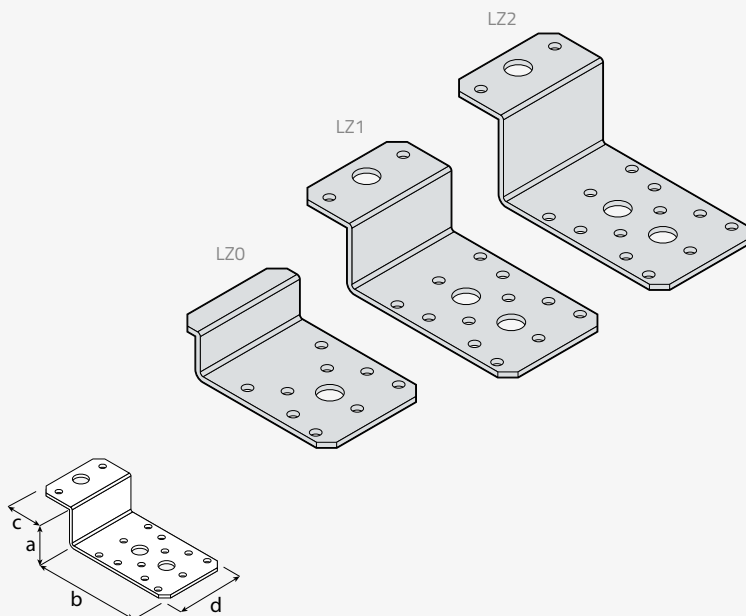
Application Connector for fixing perpendicular connections, with nails hammered-in in one direction. Perfect for I-beam constructions. Unlike the angle bars, the Z-type connector has an additional bend preventing the connected beam from rotating.

Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 10$; M10 bolts, M10 concrete anchors.

LZ

Z-type connector



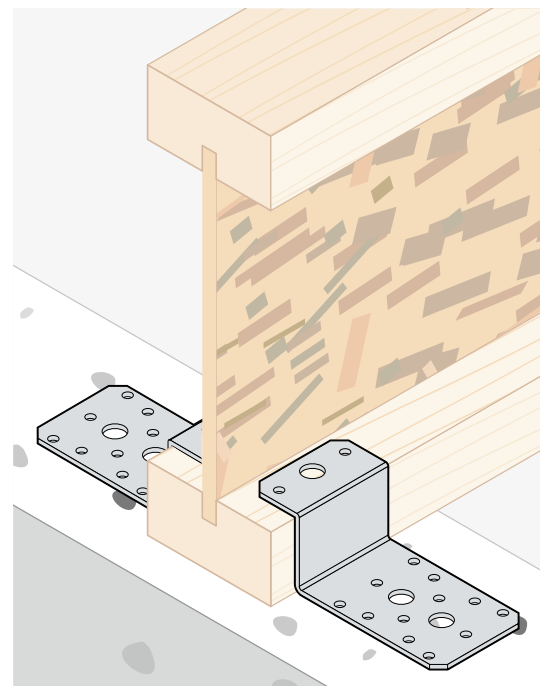
name	coat.	art no.	dimensions [mm]					holes [mm]		weight [g]	packaging [pcs]
			a	b	c	d	≠	$\phi 5$	$\phi 11$		
LZ 0	●	4619	21	70	10	55	2,5	9	1	100	20
LZ 1	●	4621	41	85	30	55	2,5	14	3	153	20
LZ 2	●	4622	51	85	30	55	2,5	14	3	163	20

coating:

● DX51D + Z275MAC

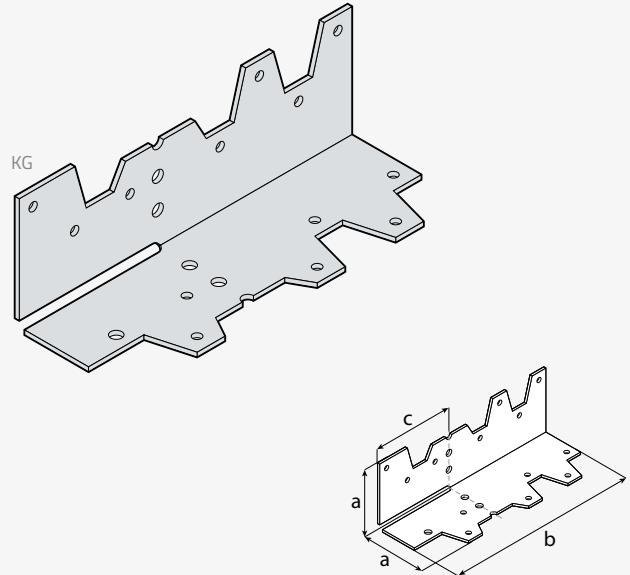
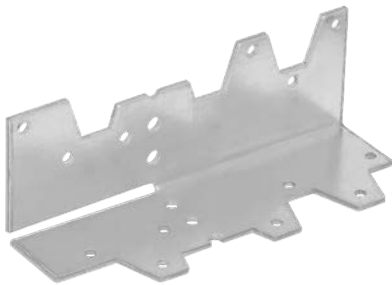
Loading capacity scheme	Nailing scheme		
	pressure	pulling out	pressure
Connector	LZ0	LZ 1	LZ 2
Loading type	pulling out	pressure	pressure
Wood moisture [%]	–	–	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	–	4,02	4,02
$P_{max, k}$ (350 kg/m ³) [kN]	1,3	3,62	3,62
Fasteners per connection	1**	2*	2*
Determination method	calculations	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.
** Forces are for a complete connection including one coupler.



KG

Folded connector



Application A specially designed connector for mounting at a non-standard angle of angled wooden elements such as struts.

Material DX51D + Z275.

Mounting ANCHOR nails $\phi 2$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.

name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	\neq	$\phi 3$	$\phi 5$		
KG	●	4620	40	120	50	1,5	14	4	85	50

coating:
● DX51D + Z275MAC



Connector	KG	Loading capacity scheme	Nailing scheme
Loading type	pressure		
Wood moisture [%]	12,7		
Density $p_{mean, 12\%}$ [kg/m ³]	421		
$P_{max, mean (350 kg/m^3)}$ [kN]	19,5		
$P_{max, k (350 kg/m^3)}$ [kN]	14,6		
Fasteners per connection	2*		
Determination method	tests		
Certificate	ETA 22/0631		

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

Application Decorative angle bracket for connecting wooden elements at right angles. It will be useful wherever fixing elements is also to increase the aesthetic value of the structure.

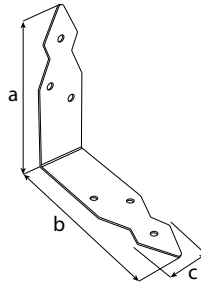
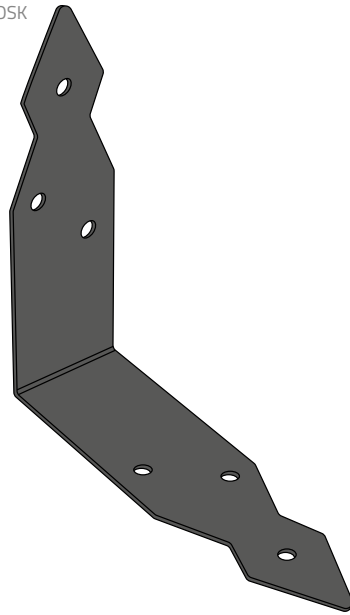
Material Duplex: DX51D + Z275 + black powder coating.

Mounting ø4,5 ZAS screws.

OSK

Decorative angle bracket

OSK



name	coat.	art no.	dimensions [mm]				holes [mm]	weight [g]	packaging [pcs]
			a	b	c	≠	ø5		
OSK 146	■	79982	146	146	40	1,5	6	109	10

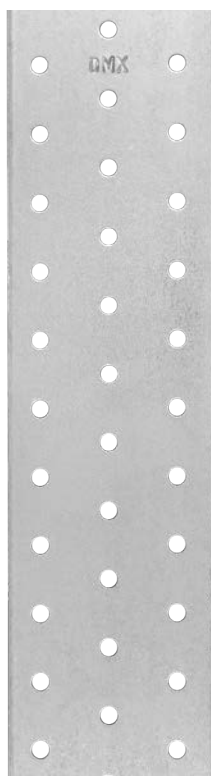
coating:

■ Duplex black



PP

Płytki perforowana



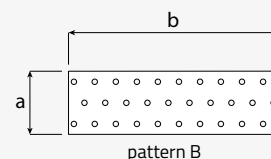
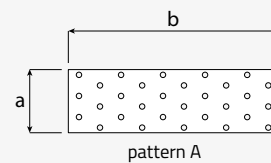
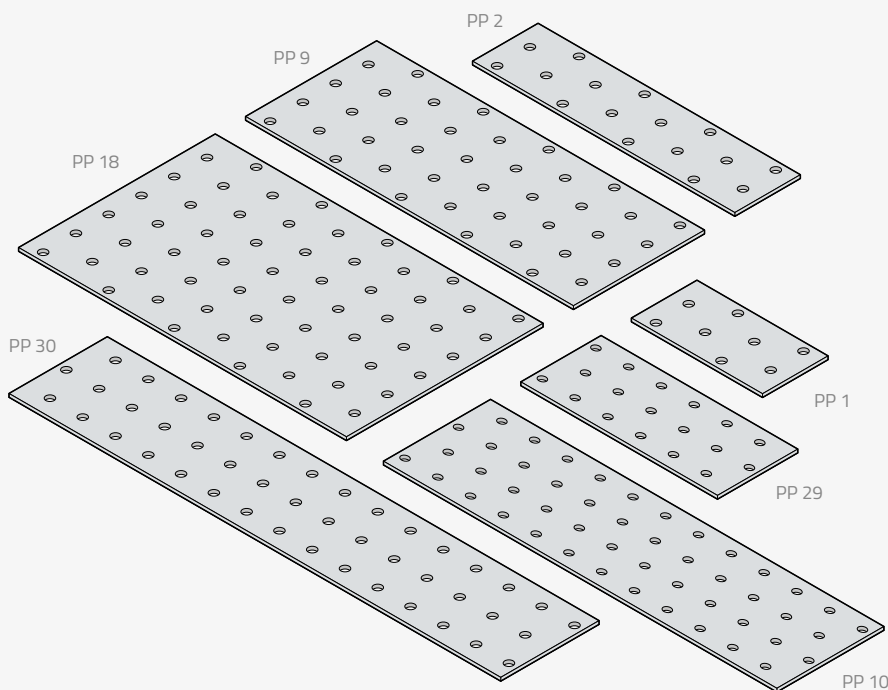
Application Standard flat plates with universal perforation. The number of holes placed in them means that with the help of these connectors many simple and complex connections can be made. They are often used to install roof trusses.

Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.

name	coat.	art no.	dimensions [mm]			holes [mm]	pattern	weight [g]	packaging [pcs]
			a	b	\neq	$\phi 5$			
PP 1	●	4401	40	80	2,0	8	A	47	20
PP 2	●	4402	40	100	2,0	10	A	59	20
PP 3	●	4403	40	120	2,0	12	A	70	20
PP 4	●	4404	40	160	2,0	16	A	93	20
PP 5	●	4405	60	140	2,0	21	A	125	20
PP 6	●	4406	60	160	2,0	24	A	141	20
PP 7	●	4407	60	200	2,0	30	A	174	20
PP 8	●	4408	60	240	2,0	36	B	216	20
PP 9	●	4409	80	200	2,0	40	A	233	20
PP 10	●	4410	80	240	2,0	48	B	288	20
PP 11	●	4411	80	300	2,0	60	B	355	10
PP 12	●	4412	100	200	2,0	50	B	293	10
PP 13	●	4413	100	240	2,0	60	B	352	10
PP 14	●	4414	100	260	2,0	65	B	383	10
PP 15	●	4415	100	300	2,0	75	B	437	10
PP 16	●	4416	100	400	2,0	100	B	587	10
PP 17	●	4417	100	500	2,0	125	B	735	10
PP 18	●	4418	120	200	2,0	60	A	355	10
PP 19	●	4419	120	240	2,0	72	B	424	10
PP 20	●	4420	120	260	2,0	78	B	465	10
PP 21	●	4421	120	300	2,0	90	B	531	10
PP 22	●	4422	140	400	2,0	140	B	827	10
PP 23	●	4423	160	400	2,0	160	B	949	10
PP 24	●	4424	200	300	2,0	150	B	882	10
PP 25	●	4425	200	400	2,0	200	B	1179	10
PP 26	●	4426	200	500	2,0	250	B	1494	10
PP 27	●	4427	200	600	2,0	300	B	1688	10
PP 28	●	4428	40	200	2,0	20	B	117	20
PP 29	●	4429	60	120	2,0	18	A	106	20
PP 30	●	4430	60	300	2,0	45	B	266	20
PP 31	●	4431	100	120	2,0	30	A	180	20
PP 33	●	4433	80	120	2,0	24	A	139	20
PP 35	●	4435	100	100	2,0	25	A	148	20
PP 36	●	4436	100	160	2,0	40	A	241	10
PP 37	●	4437	80	400	2,0	80	B	482	10
PP 91	●	4391	40	1200	2,0	120	B	704	10
PP 92	●	4392	60	1200	2,0	180	B	1034	10
PP 93	●	4393	80	1200	2,0	240	B	1439	1
PP 94	●	4394	100	1200	2,0	300	B	1762	1
PP 95	●	4395	120	1200	2,0	360	B	2135	1
PP 96	●	4396	140	1200	2,0	420	B	2540	1
PP 97	●	4397	160	1200	2,0	480	B	2830	1
PP 98	●	4398	180	1200	2,0	540	B	3190	1
PP 99	●	4399	200	1200	2,0	600	B	3535	1

coating:
● DX51D + Z275MAC



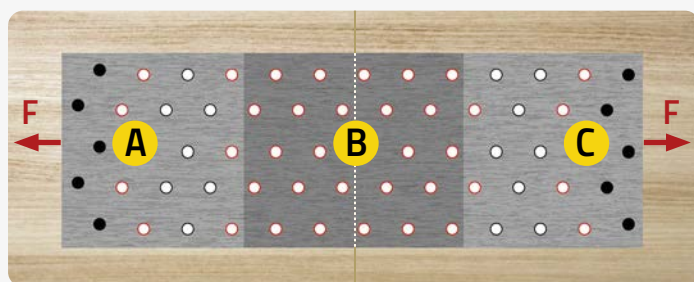
Wizard for nailing plates









Use the convenient tool available at <https://dmxsystem.com/pl/creator/>, which allows you to choose the optimal scheme of nailing. The wizard will help you calculate how to quickly and optimally join two beams with a perforated PP perforated plates.

The wizard's base includes perforated PP plates with lengths ranging from 160–600 mm. You can place nails yourself by clicking on the available holes or based on a unique algorithm, indicating the number of nails you want to use. The second method is especially helpful for larger tiles with a large number of holes to fill. By clicking on the "Print" button, you will receive a clear overview of all the information you need, including: data od perforated plates, nailing diagram with the required nails, calculated joint loading capacity and minimum beam dimensions.



www.dmxsystem.com

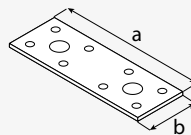
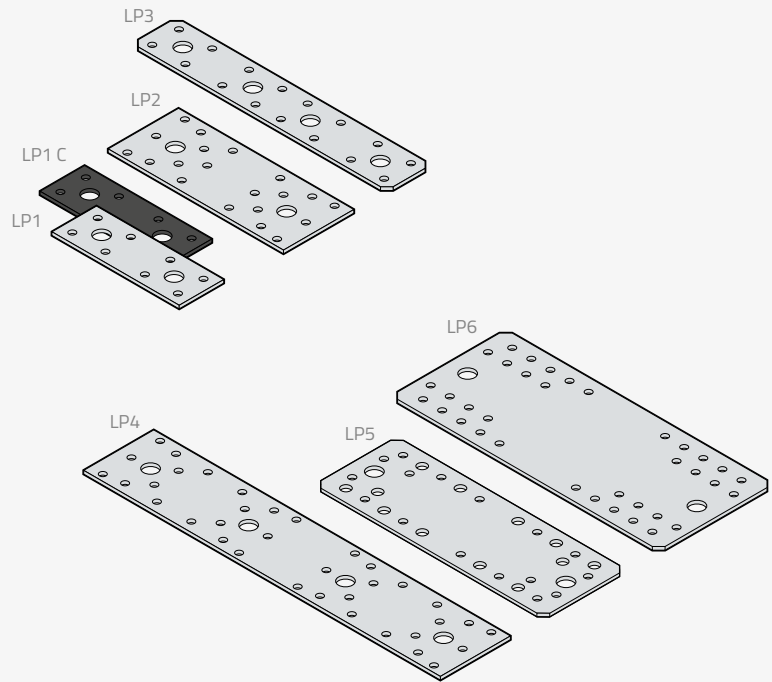


-  the point of contact of two beams
-  hammered nail
-  the hole that should be empty (PN EN 1995-1)
-  possibility of hammering a nail
-  **A** symmetrical layout
-  **B** blocked area
-  **A + C** arbitrary layout
-  **F** force loading the joint



LP

Flat connector



Application Flat connectors have a wide range of well-thought-out hole patterns, so they can be used both in standard solutions and selected for individually designed connectors.

Material DX51D + Z275; DX51D + Z275 + black powder coating.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 6, \phi 10$; bolts M10, M12; concrete anchors M10, M12.

name	coat.	art no.	dimensions [mm]			holes [mm]				weight [g]	packaging [pcs]
			a	b	≠	$\phi 5$	$\phi 7$	$\phi 11$	$\phi 14$		
LP 1	●	4471	100	35	2,5	8	-	2	-	62	20
LP 1 C	■	44712	100	35	2,5	8	-	2	-	62	20
LP 2	●	4472	140	55	2,5	20	-	2	-	139	20
LP 3	●	4473	200	35	2,5	16	-	4	-	122	20
LP 4	●	4474	280	55	2,5	36	-	4	-	279	20
LP 5	●	4475	180	65	2,5	16	12	2	-	210	20
LP 6	●	4476	210	90	2,5	36	-	-	2	341	20

coating:
 ● DX51D + Z275MAC
 ■ Duplex black

domax[■]

✓ in our offer

GPLP

pergola corner connector [see page 180](#)

TM

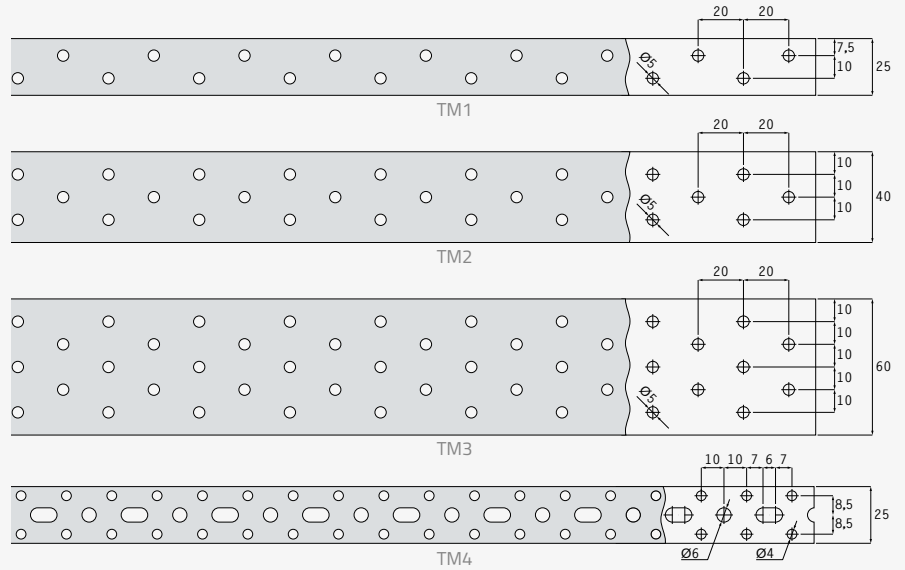
Fixing band



Application Thick bands TM1, TM2, TM3, TM4 are most often used as wind girders for roof stiffening. They are packed in rolls of 10 and 25 meters.

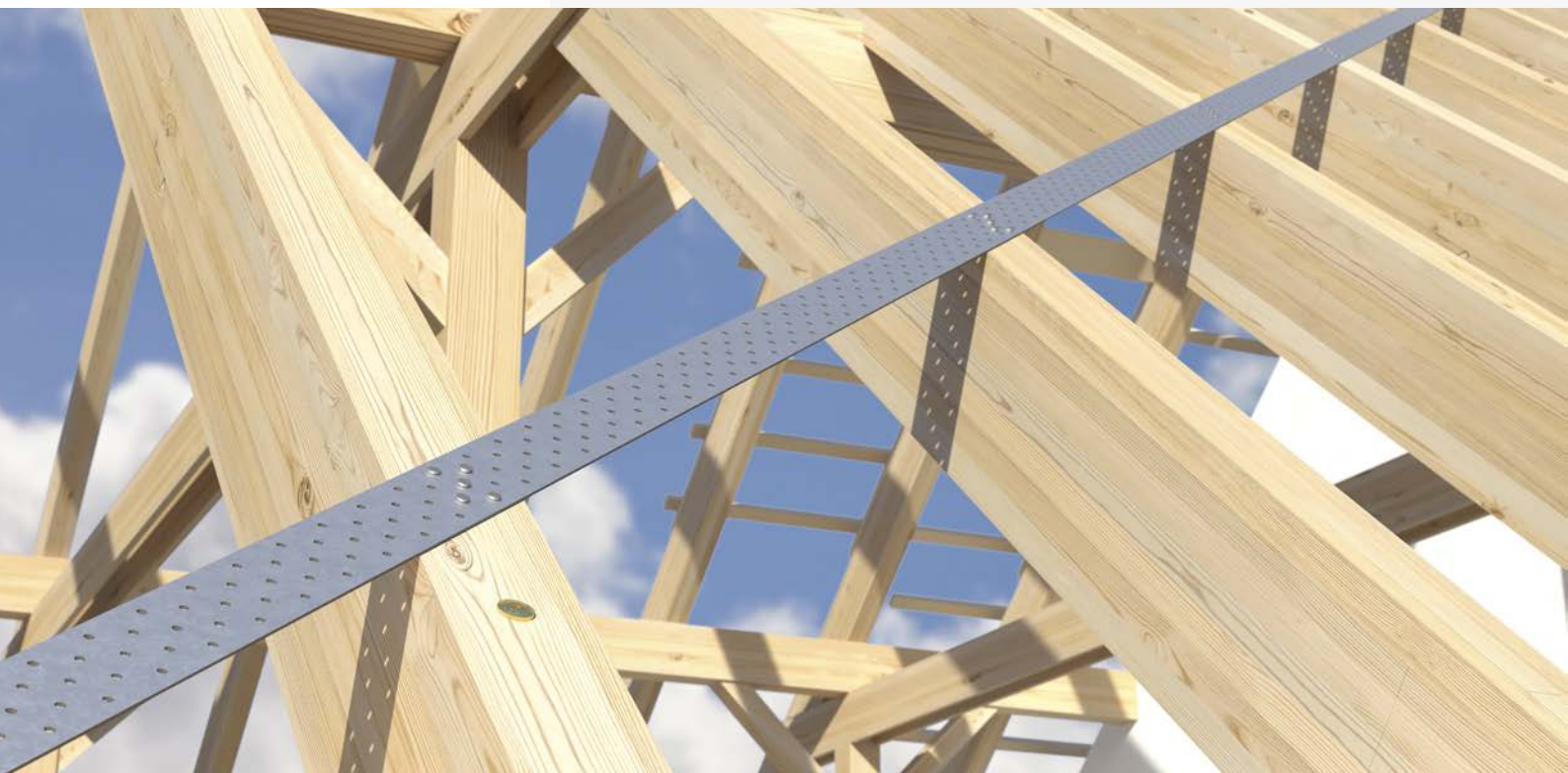
Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket.



name	coat.	art no.	dimensions [mm]		holes [mm]			weight [g]	packaging [pcs]
			a	#	$\phi 4$	$\phi 5$	$\phi 6$		
TM 1x10mb	●	43311	25	1,5	–	50	–	2840	1
TM 1x25mb	●	43312	25	1,5	–	50	–	7027	1
TM 2x10mb	●	43321	40	2,0	–	75	–	2840	1
TM 2x25mb	●	43322	40	2,0	–	75	–	7027	1
TM 3x10mb	●	43331	60	2,0	–	125	–	2840	1
TM 3x25mb	●	43332	60	2,0	–	125	–	7027	1
TM 4x10mb	●	43341	25	1,5	100	–	25	2490	1
TM 4x25mb	●	43342	25	1,5	100	–	25	6225	1

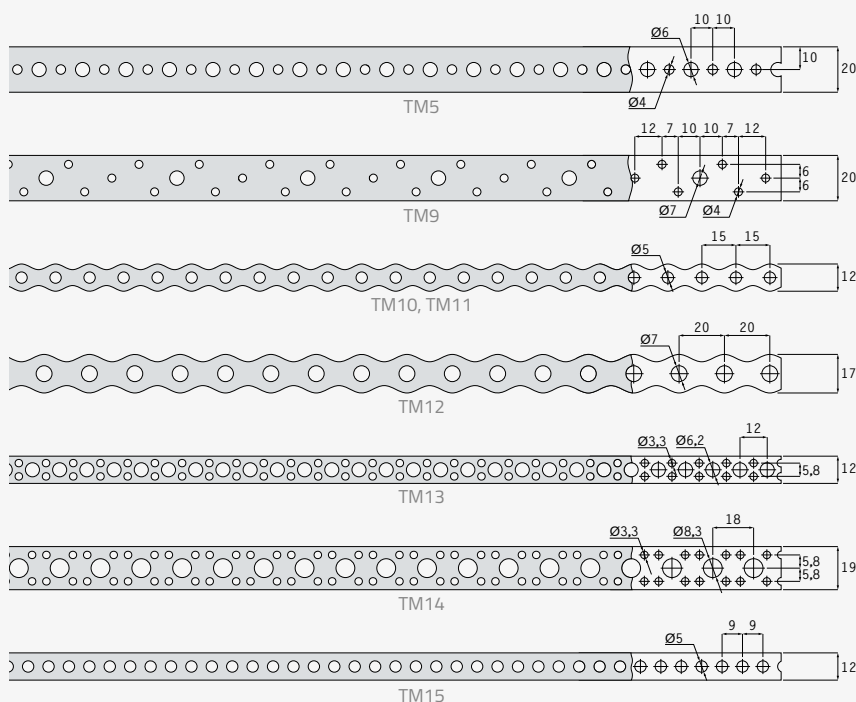
coating:
● DX51D + Z275MAC



Application TM5, TM9–15 bands are made of thin, galvanized steel sheets and are used for fastening, suspending and joining structural and non-structural elements. They are used in multi-material connections. We offer many variants of width and holes, which makes it possible to select the appropriate band for various applications. They are packed in rolls of 3, 10 and 25 meters in convenient cardboard and plastic packages.

Material DX51D + Z275.

Mounting ANCHOR nails $\varnothing 4$; ANW – ANCHOR screws $\varnothing 5$ Torx20 socket.



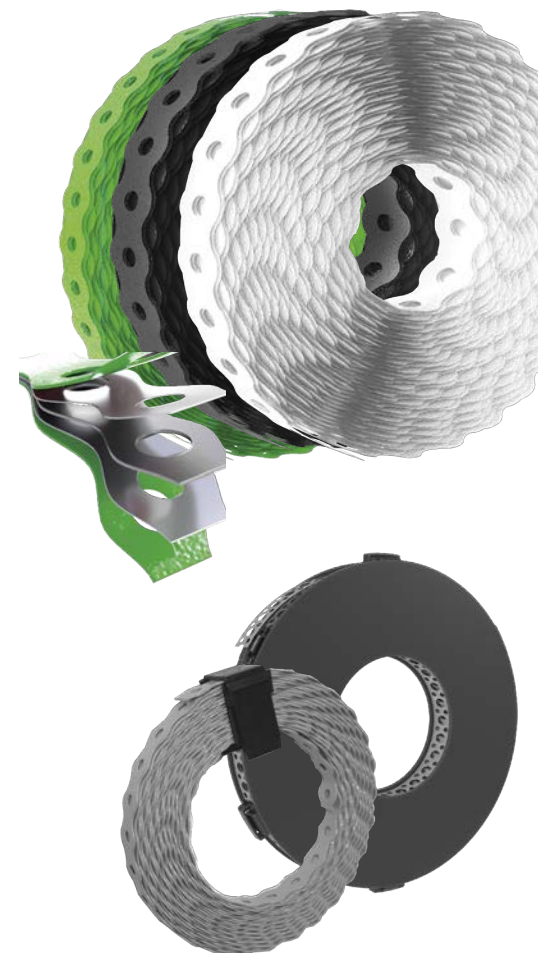
name	coat.	art no.	dim. [mm]		holes [mm]						weight [g]	packaging [pcs]
			a	t	Ø3,3	Ø4	Ø5	Ø6	Ø7	Ø8,3		
TM 5×3mb	●	43353	20	0,9	–	50	–	50	–	–	382	1
TM 5×10mb	●	43351	20	0,9	–	50	–	50	–	–	1226	1
TM 5×25mb	●	43352	20	0,9	–	50	–	50	–	–	3065	1
TM 9×10mb	●	43391	20	1,0	–	100	–	–	20	–	1365	1
TM 9×25mb	●	43392	20	1,0	–	100	–	–	20	–	3413	1
TM 10×3mb	●	43401	12	0,7	–	–	65	–	–	–	147	1
TM 10×10mb	●	43402	12	0,7	–	–	65	–	–	–	490	1
TM 10×25mb	●	43403	12	0,7	–	–	65	–	–	–	1180	1
TM 11×3mb	●	43411	12	0,7	–	–	65	–	–	–	188	1
TM 11×3mb	●	43412	12	0,7	–	–	65	–	–	–	188	1
TM 11×3mb	○	43413	12	0,7	–	–	65	–	–	–	188	1
TM 12×3mb	●	43421	17	0,7	–	–	–	–	50	–	207	1
TM 12×10mb	●	43422	17	0,7	–	–	–	–	50	–	688	1
TM 12×25mb	●	43423	17	0,7	–	–	–	–	50	–	1683	1
TM 13×10mb	●	43431	12	0,7	160	–	–	80	–	–	515	1
TM 13×25mb	●	43432	12	0,7	160	–	–	80	–	–	1265	1
TM 14×3mb	●	43441	19	0,7	160	–	–	–	–	55	244	1
TM 14×10mb	●	43442	19	0,7	160	–	–	–	–	55	826	1
TM 15×3mb	●	43451	12	0,7	–	–	110	–	–	–	175	1
TM 15×10mb	●	43452	12	0,7	–	–	110	–	–	–	616	1

coating:

- DX51D + Z275MAC
- DX51D + Z275MAC + green PVC
- DX51D + Z275MAC + black PVC
- DX51D + Z275MAC + white PVC

TM

Fixing band



LG

Thick connector



Application

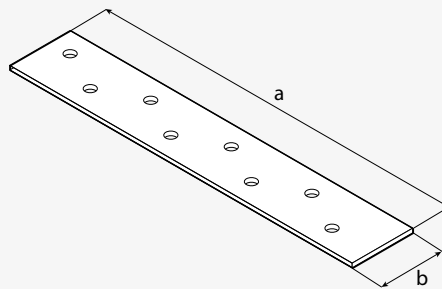
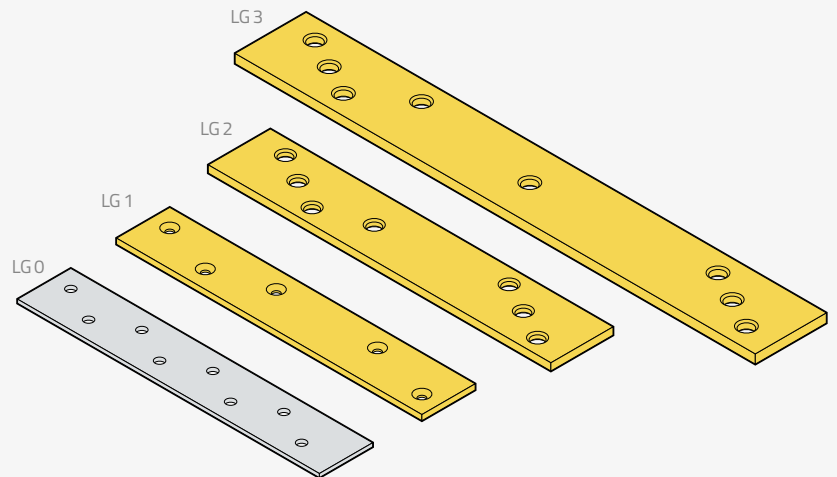
Durable flat connectors made of thick material. A characteristic feature of these products is the arrangement of holes in rows shifted relative to each other, which avoids hammering nails between the same wood fibers, thus reducing the risk of its breakage.

Material

DC01 + yellow galvanization; DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; $\phi 4$, $\phi 6$ wood screws.



name	coat.	art no.	dimensions [mm]			holes [mm]				weight [g]	packaging [pcs]
			a	b	#	$\phi 4$	$\phi 5$	$\phi 6,8$	$\phi 7,5$		
LG 0	●	4460	170	30	2,0	–	8	–	–	77	25
LG 1	●	4461	172	30	3,0	5	–	–	–	119	20
LG 2	●	4462	193	35	4,0	–	–	7	–	201	20
LG 3	●	4463	293	40	5,0	–	–	–	8	437	20

coating:

- DX51D + Z275MAC
- yellow galvanization

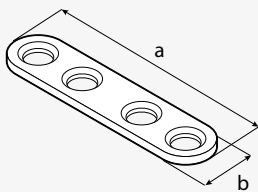
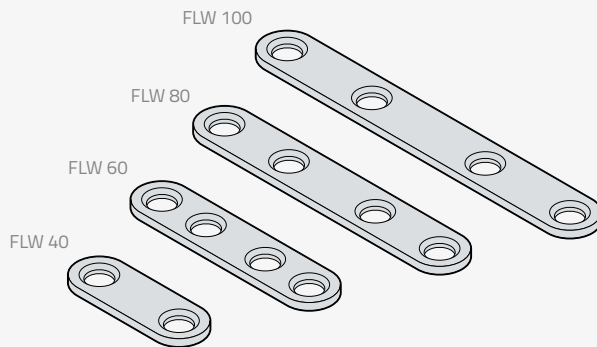
Application Flat connectors for small carpentry and furniture works. Their width allows them to be attached to the narrow sides of boards and boards.

Material DC01 + silver galvanization.

Mounting Ø4 wood screws, euro screws.

FLW

Rounded assembly connector



name	coat.	art no.	dimensions [mm]			holes [mm]		weight [g]	packaging
			a	b	≠	ø6,5			
FLW 40	●	4483114	36,5	13	2,0	2	24	4 à 25 pcs	
FLW 60	●	4483214	56,5	13	2,0	4	35	4 à 25 pcs	
FLW 80	●	4483314	76,5	13	2,0	4	52	4 à 25 pcs	
FLW 100	●	4483414	96,5	13	2,0	4	68	4 à 25 pcs	

coating:
● silver galvanization



LW

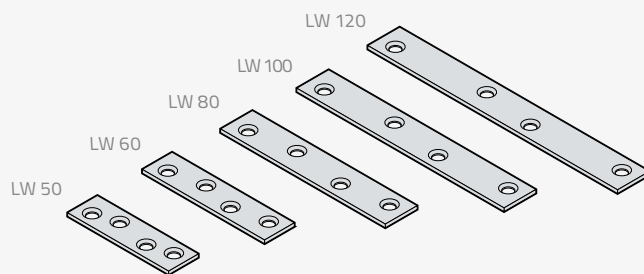
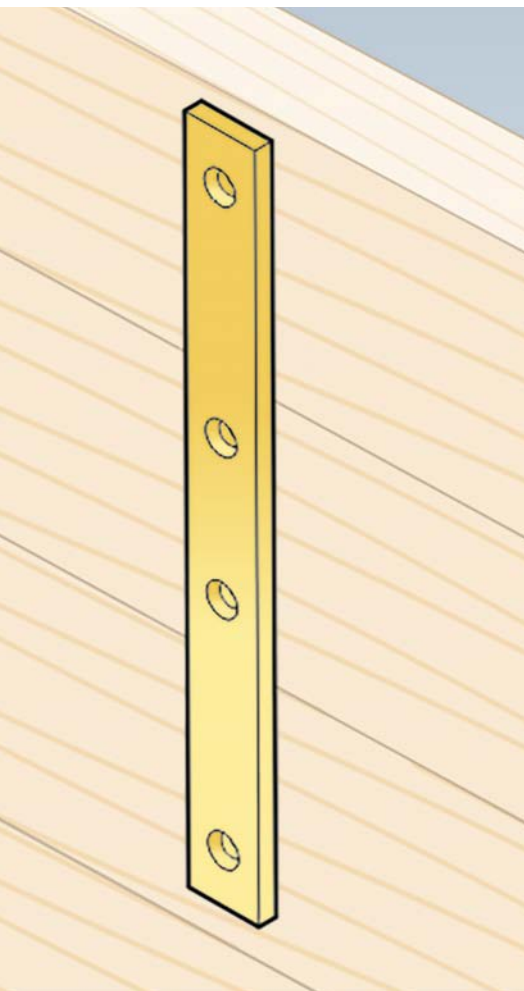
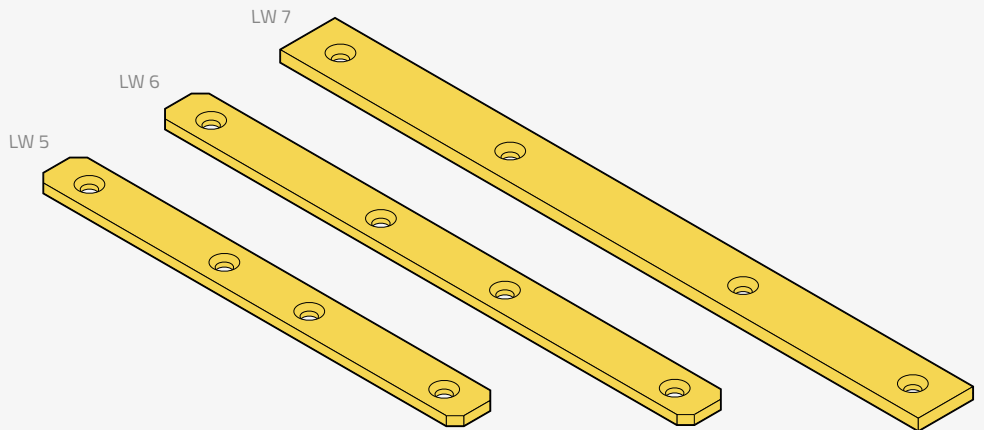
Narrow flat connector



Application Narrow flat connectors for small carpentry and furniture work. Their width allows them to be attached to the narrow sides of boards.

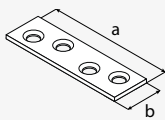
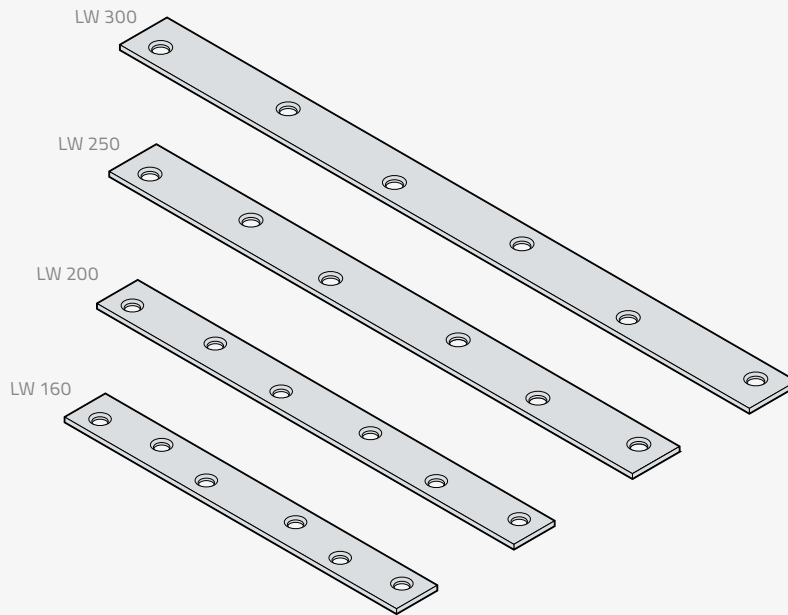
Material DC01 + yellow galvanization; S235 + silver galvanization.

Mounting ANCHOR nails $\varnothing 4$; wood screws $\varnothing 4, \varnothing 5$; M5 bolts; M5 concrete anchors.



LW

Narrow flat connector



name	coat.	art no.	dimensions [mm]			holes [mm]		weight [g]	packaging [pcs]
			a	b	≠	ø4,5	ø6		
LW 5	●	4455	193	20	4,0	–	4	116	20
LW 6	●	4456	243	20	4,0	–	4	144	20
LW 7	●	4457	293	25	5,0	–	4	273	20
LW 50	●	4451	48	14	1,5	4	–	9	50
LW 60	●	44516	58	14	1,5	4	–	9	50
LW 80	●	4452	78	15	1,5	4	–	14	50
LW 100	●	4453	98	15	1,5	4	–	24	50
LW 120	●	4454	118	15	1,5	4	–	37	50
LW 160	●	448661	156	19	2,0	6	–	45	20
LW 200	●	448671	196	19	2,0	6	–	57	20
LW 250	●	448681	246	22	2,0	6	–	83	20
LW 300	●	448691	296	22	2,0	6	–	100	20

coating:

- yellow galvanization
- silver galvanization



NA

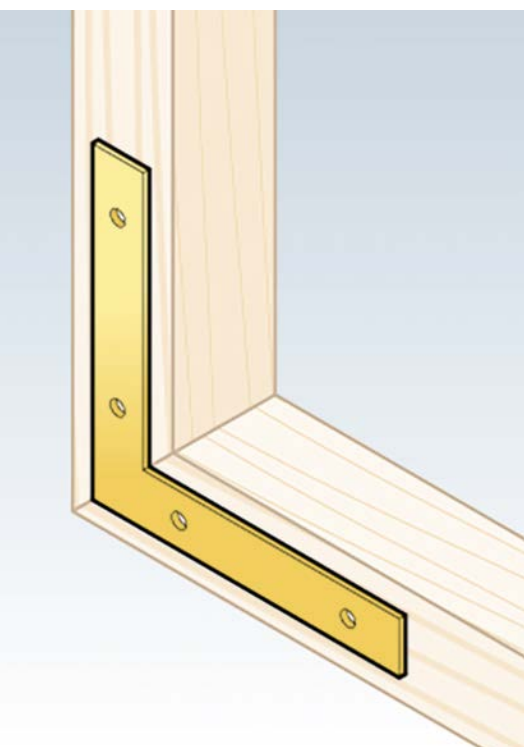
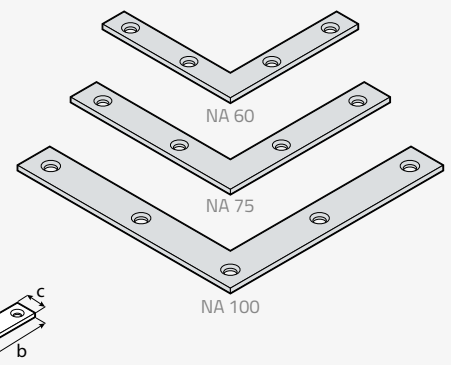
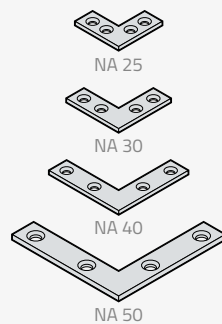
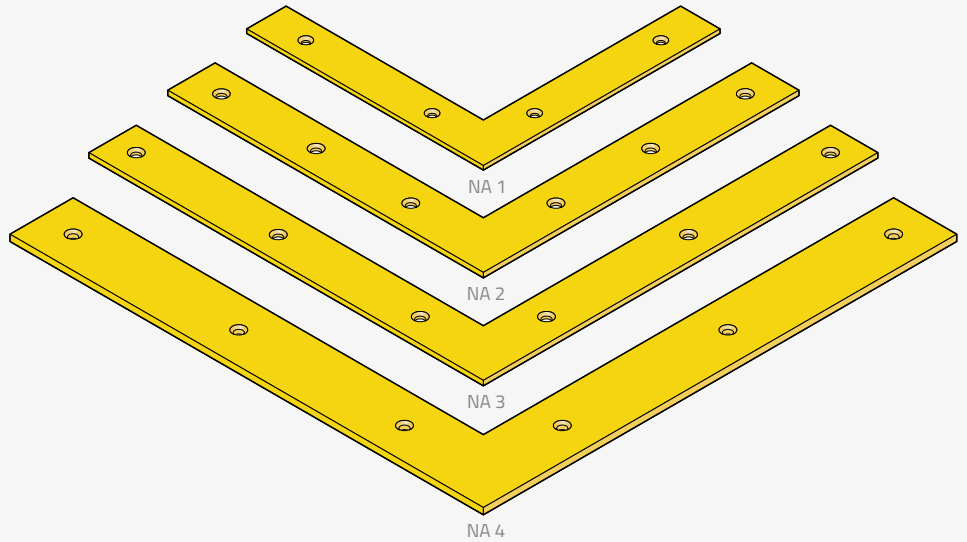
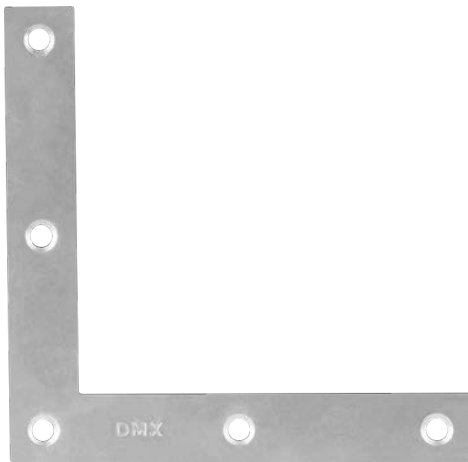
Corener plate



Application Connectors used for the assembly of window and door frames and door frames. They are also perfect as fasteners stiffening the corners of flat elements, such as shutters or door leaves.

Material DC01 + yellow galvanization; DX51D + Z275.

Mounting ANCHOR nails $\varnothing 4$; wood screws $\varnothing 3$, $\varnothing 4$, $\varnothing 5$; M5 bolts.



name	coat.	art no.	dimensions [mm]				holes [mm]					weight [g]	packaging [pcs]
			a	b	c	≠	$\varnothing 3,5$	$\varnothing 4$	$\varnothing 4,5$	$\varnothing 5,5$	$\varnothing 6$		
NA 1	●	4651	150	150	25	2,5	-	-	4	-	-	136	10
NA 2	●	4652	200	200	30	2,5	-	-	-	6	-	218	10
NA 3	●	4653	250	250	30	3,0	-	-	-	6	-	325	10
NA 4	●	4654	300	300	40	4,0	-	-	-	-	6	697	10
NA 25	●	4487114	25	25	10	1,5	4	-	-	-	-	17	4 à 50 pcs
NA 30	●	4487214	30	30	10	1,5	4	-	-	-	-	22	4 à 50 pcs
NA 40	●	4487314	40	40	10	1,5	4	-	-	-	-	32	4 à 50 pcs
NA 50	●	448741	50	50	10	2,0	-	4	-	-	-	14	50
NA 60	●	448751	60	60	10	2,0	-	4	-	-	-	17	50
NA 75	●	448761	75	75	12	2,0	-	4	-	-	-	26	50
NA 100	●	448771	100	100	15	2,0	-	-	5	-	-	43	10

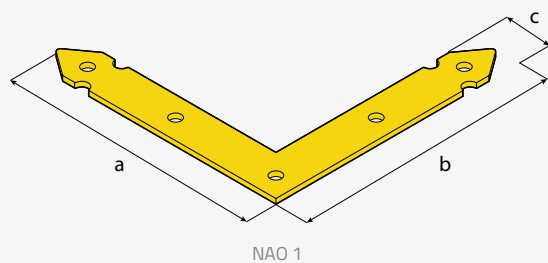
coating:
 ● yellow galvanization
 ● silver galvanization



Application Flat connectors used for the assembly of window and door frames and door frames. They are also perfect as fasteners stiffening the corners of flat elements, such as shutters or door leaves.

Material DCO1 + yellow galvanization.

Mounting ANCHOR nails $\varnothing 4$; $\varnothing 4$ wood screws.

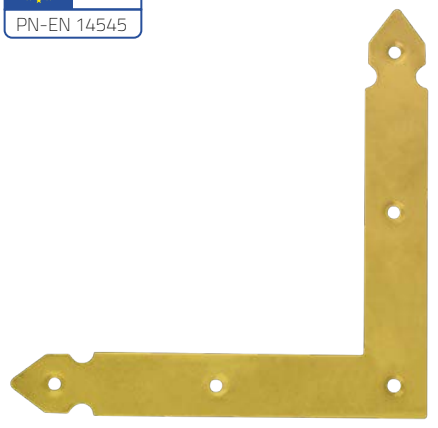


name	coat.	art no.	dimensions [mm]				holes [mm]	weight [g]	packaging [pcs]
			a	b	c	#			
NAO 1	●	4660	150	150	25	2	$\varnothing 4,5$ 5	76	10

coating:
● yellow galvanization

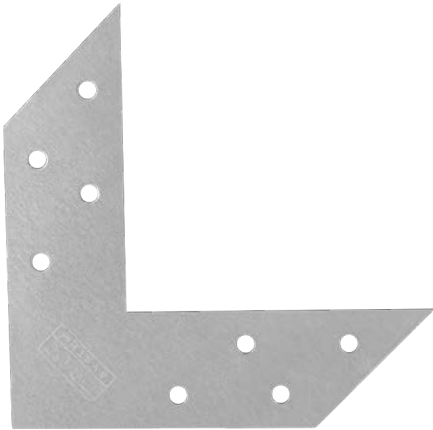
NAO

Decorative corner plate



NAS

Corner plate



Application

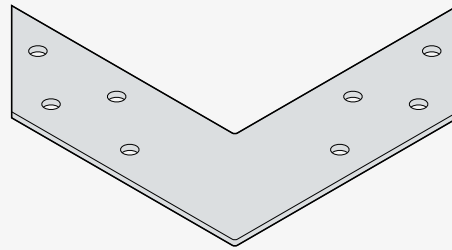
A corner used to connect two mutually perpendicular beams. Useful for assembly where there is no possibility of using angle brackets.

Material

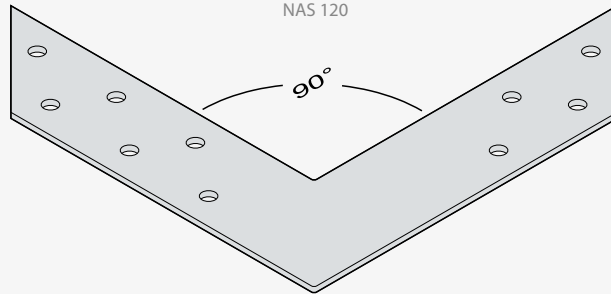
DX51D + Z275.

Mounting

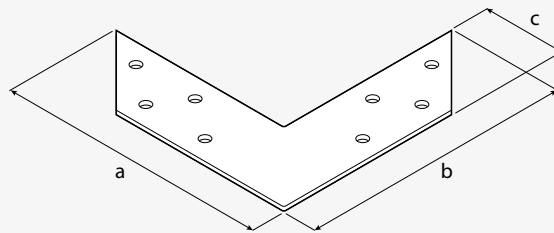
ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; $\phi 4$, $\phi 5$ wood screws.



NAS 120



NAS 150



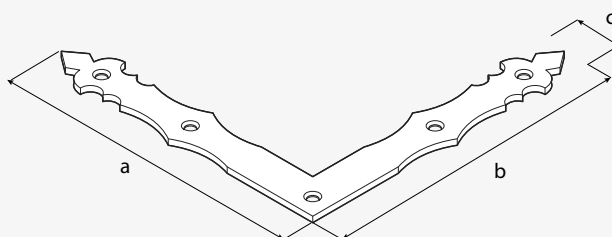
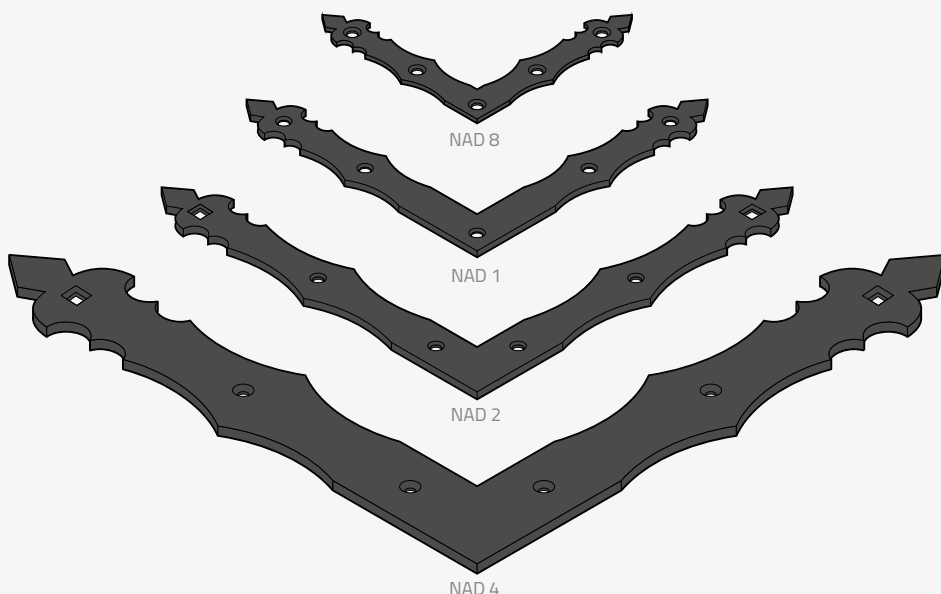
name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	#	$\phi 5$			
NAS 120	●	46501	120	120	35	2,0	8	94	10	
NAS 150	●	46502	150	150	35	2,0	10	123	10	

coating:

- DX51D + Z275MAC

Application Flat connectors used for the assembly of window and door frames and door frames. They are also perfect as fasteners stiffening the corners of flat elements, such as shutters or door leaves. Due to frequent installation in exposed places, their shape and surface finish have been selected so as to fulfill a decorative function at the same time.

Material DC01 + black powder coating.
Mounting 4.5 mm ZAS screws; M5 bolts.



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	∅	∅5	∅7		
NAD 1	■	89902	150	150	25	2,5	5	–	109	10
NAD 2	■	89912	200	200	30	3,0	4	2	180	10
NAD 4	■	89932	300	300	40	4,0	4	2	610	10
NAD 8	■	89972	100	100	15	2,0	5	–	46	10

coating:
 ■ Duplex black

NAD

Decorative corner plate



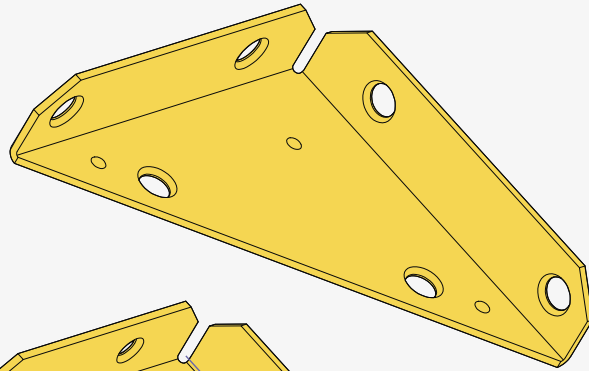
NS

Chest corner

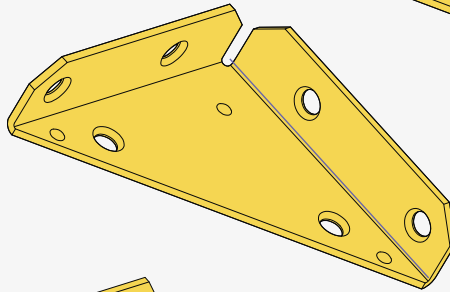
Application Decorative corners are perfect for self-construction of the chest. They have holes for easy assembly and permanent connection using appropriate nails and wood screws.

Material DC01 + yellow galvanization; DC01 + silver galvanization.

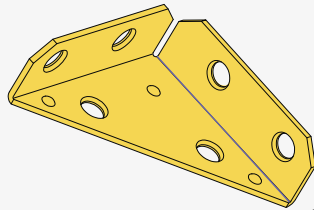
Mounting Wood screws $\varnothing 4$, $\varnothing 5$, $\varnothing 5,5$, $\varnothing 9$.



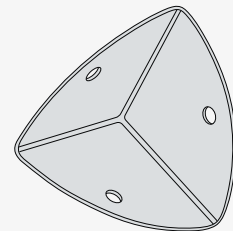
NS 75



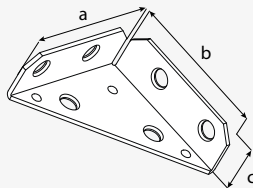
NS 100



NS 50



NS 36



name	coat.	art no.	dimensions [mm]				holes [mm]				weight [g]	pack. [pcs]
			a	b	c	≠	$\varnothing 4,5$	$\varnothing 5,5$	$\varnothing 5,8$	$\varnothing 8,2$		
NS 36	●	8836	36	36	36	1,0	3	-	-	-	21	20
NS 50	●	8833	50	50	16	1,4	-	6	-	-	30	10
NS 75	●	8834	75	75	20	2,0	-	-	6	-	78	10
NS 100	●	8835	100	100	28	2,3	-	-	-	6	164	10

coating:
 ● yellow galvanization
 ● silver galvanization

domax



✓ in our offer

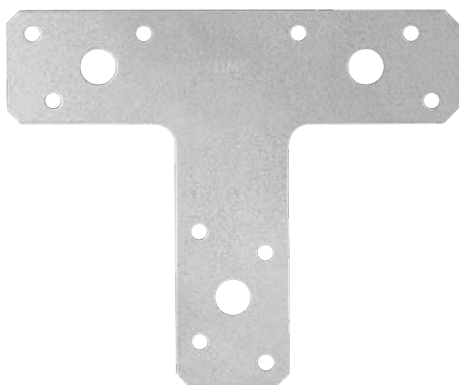
PBK

bolt anchor

see page 312

KT

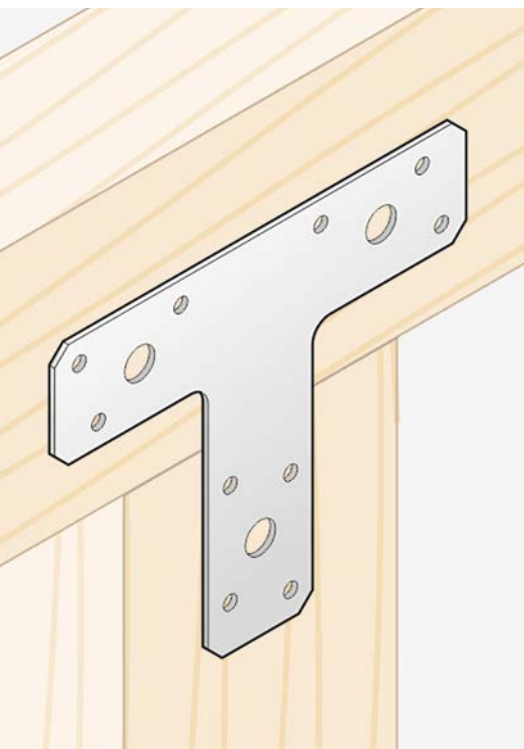
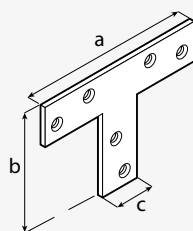
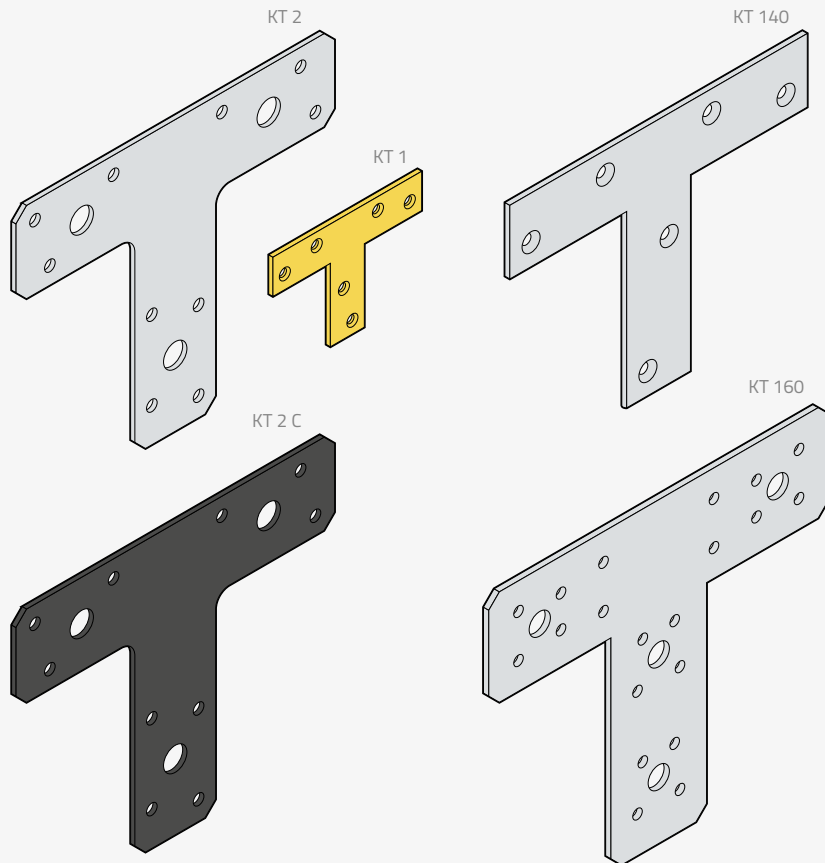
T type connector



Application Used to fix horizontal beams on top of columns. The possibility of connecting three elements at the same time is perfect for columns where two horizontal beams connect.

Material DX51D + Z275; DC01 + yellow galvanization, DX51D + Z275 + black powder coating.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 4$, $\phi 10$; bolts M10; M10 concrete anchors.



name	coat.	art no.	dimensions [mm]					holes [mm]					weight [g]	packaging [pcs]
			a	b	c	#	$\phi 3,5$	$\phi 4,5$	$\phi 5$	$\phi 10$	$\phi 11$			
KT 1	●	4626	70	50	16	2,0	6	-	-	-	-	24	50	
KT 2	●	4627	150	127	38	2,0	-	-	10	-	3	131	20	
KT 2 C	■	46272	150	127	38	2,0	-	-	10	-	3	131	10	
KT 140	●	4628	140	110	30	2,0	-	6	-	-	-	101	10	
KT 160	●	4629	160	140	45	2,5	-	20	-	4	-	212	10	

coating:
 ● yellow galvanization
 ● DX51D + Z275MAC
 ■ Duplex black

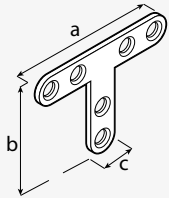
Application Narrow T-type flat bars for small carpentry and furniture work. Their width allows them to be attached to the narrow sides of boards and boards.

Material DC01 + silver galvanization.

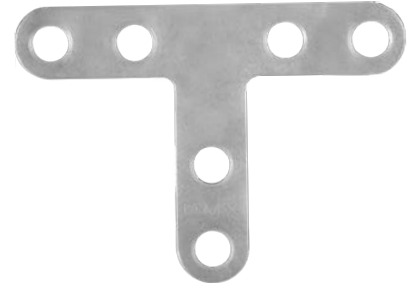
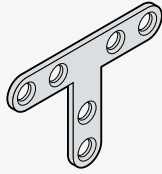
Mounting Ø4 wood screws, euro screws.

FKT

Mounting
connector type "T"



FKT 70/50



name	coat.	art no.	dimensions [mm]				holes [mm]	weight [g]	packaging [pcs]
			a	b	c	≠	Ø6,5		
FKT 70/50	●	448411	70	50	13	2,0	6	71	10

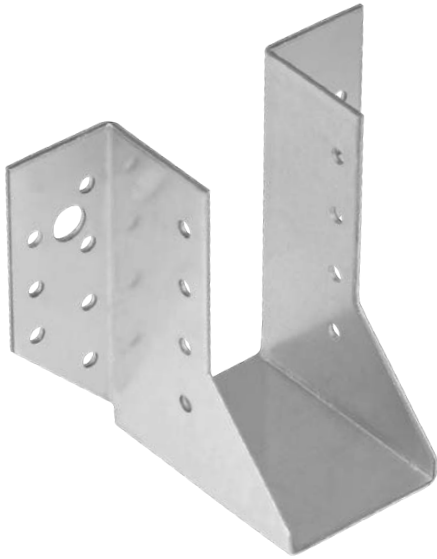
coating:

- silver galvanization



WB

Joist hanger



Application

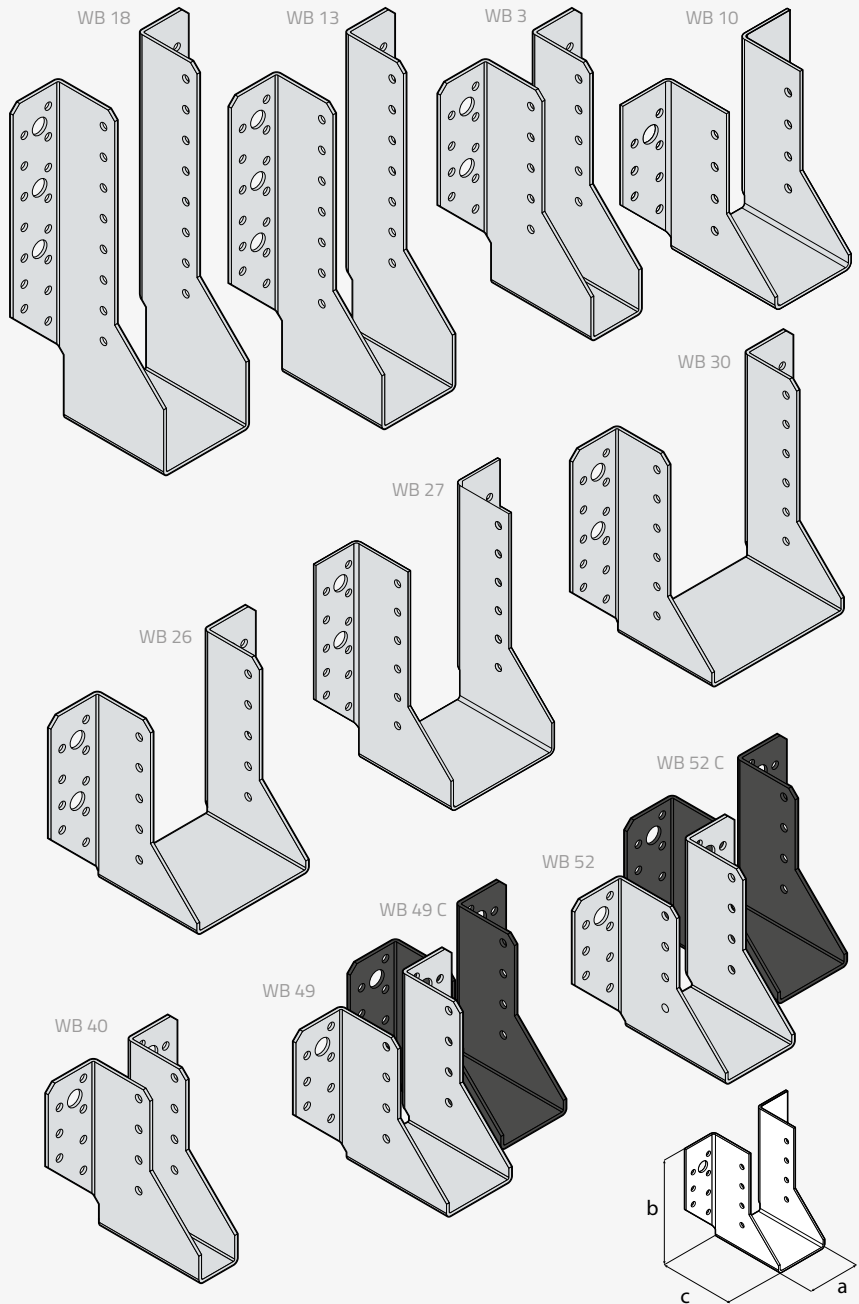
Joist hangers are used to fix ceiling joists. They enable the transfer of heavy loads and at the same time keep the beam in the horizontal plane. Thanks to the use of this type of joint, we can install the beams without the need to overlap them, which reduces the thickness of the entire ceiling.

Material

DX51 + Z275; DX51D + Z275 + black powder coating.

Mounting

ANCHOR nails $\phi 4$; ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 5, \phi 10$; bolts M10; M10 concrete anchors.



beam width [mm]	name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]	pattern
				a	b	c	#	$\phi 5$	$\phi 11$			
25	WB 40	●	45401	25	107	75	2,0	22	2	274	10	F
	WB 1	●	4501	25	118	75	2,0	22	2	295	10	A
	WB 41	●	45402	25	146	75	2,0	28	4	363	10	B
28	WB 42	●	45403	28	176	75	2,0	34	4	432	10	C
32	WB 43	●	45404	32	104	75	2,0	22	2	274	10	F
	WB 44	●	45405	32	114	75	2,0	22	2	297	10	A
	WB 45	●	45406	32	144	75	2,0	28	4	363	10	B
	WB 46	●	45407	32	174	75	2,0	34	4	432	10	C

WB

Joist hanger



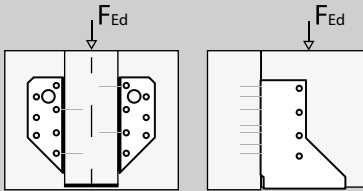
beam width [mm]	name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]	pattern
				a	b	c	≠	ø5	ø11			
38	WB 47	●	45408	38	101	75	2,0	22	2	274	10	F
	WB 2	●	4502	38	111	75	2,0	22	2	297	10	A
	WB 3	●	4503	38	141	75	2,0	28	4	356	10	B
	WB 4	●	4504	38	171	75	2,0	34	4	435	10	C
41	WB 48	●	45409	41	99	75	2,0	22	2	274	10	F
	WB 5	●	4505	41	110	75	2,0	22	2	297	10	A
	WB 6	●	4506	41	140	75	2,0	28	4	361	10	B
	WB 7	●	4507	41	170	75	2,0	34	4	427	10	C
45	WB 49	●	45410	45	97	75	2,0	22	2	274	10	F
	WB 49 C	■	454102	45	97	75	2,0	22	2	274	6	F
	WB 8	●	4508	45	108	75	2,0	22	2	299	10	A
	WB 9	●	4509	45	138	75	2,0	28	4	367	10	B
	WB 50	●	45411	45	167	75	2,0	34	4	432	10	C
48	WB 51	●	45412	45	197	75	2,0	40	6	498	10	D
	WB 52	●	45413	48	96	75	2,0	22	2	274	10	F
	WB 52 C	■	454132	48	96	75	2,0	22	2	274	6	F
	WB 53	●	45414	48	106	75	2,0	22	2	297	10	A
	WB 54	●	45415	48	136	75	2,0	28	4	363	10	B
	WB 55	●	45416	48	166	75	2,0	34	4	432	10	C
51	WB 56	●	45417	48	226	75	2,0	46	6	567	10	E
	WB 57	●	45418	51	94	75	2,0	22	2	274	10	F
	WB 10	●	4510	51	105	75	2,0	22	2	298	10	A
	WB 11	●	4511	51	135	75	2,0	28	4	368	10	B
	WB 12	●	4512	51	165	75	2,0	34	4	430	10	C
60	WB 13	●	4513	51	195	75	2,0	40	6	496	10	D
	WB 14	●	4514	60	100	75	2,0	22	2	297	10	A
	WB 15	●	4515	60	130	75	2,0	28	4	368	10	B
	WB 16	●	4516	60	160	75	2,0	34	4	437	10	C
64	WB 17	●	4517	60	190	75	2,0	40	6	496	10	D
	WB 18	●	4518	60	220	75	2,0	46	6	568	10	E
	WB 19	●	4519	64	98	75	2,0	22	2	299	10	A
66	WB 20	●	4520	64	128	75	2,0	28	4	363	10	B
	WB 58	●	45419	66	217	75	2,0	46	6	567	10	E
70	WB 21	●	4521	70	125	75	2,0	28	4	371	10	B
	WB 22	●	4522	70	155	75	2,0	34	4	428	10	C
73	WB 59	●	45420	73	123	75	2,0	28	4	363	10	B
	WB 60	●	45421	73	153	75	2,0	34	4	432	10	C
	WB 61	●	45422	73	183	75	2,0	40	6	498	10	D
76	WB 23	●	4523	76	122	75	2,0	28	4	367	10	B
	WB 24	●	4524	76	152	75	2,0	34	4	432	10	C
	WB 25	●	4525	76	182	75	2,0	40	6	499	10	D
80	WB 26	●	4526	80	120	75	2,0	28	4	360	10	B
	WB 27	●	4527	80	150	75	2,0	34	4	434	10	C
	WB 28	●	4528	80	180	75	2,0	40	6	506	10	D
	WB 29	●	4529	80	210	75	2,0	46	6	566	10	E
90	WB 62	●	45423	90	205	75	2,0	46	6	567	10	E
92	WB 39	●	4539	92	144	75	2,0	34	4	434	10	C
98	WB 63	●	45424	98	141	75	2,0	34	4	432	10	C
	WB 30	●	4530	100	140	75	2,0	34	4	437	10	C
100	WB 31	●	4531	100	170	75	2,0	40	6	497	10	D
	WB 32	●	4532	100	200	75	2,0	46	6	574	10	E
115	WB 33	●	4533	115	163	75	2,0	40	6	498	10	D
	WB 34	●	4534	115	193	75	2,0	46	6	572	10	E
120	WB 35	●	4535	120	160	75	2,0	40	6	495	10	D
	WB 36	●	4536	120	190	75	2,0	46	6	576	10	E
140	WB 37	●	4537	140	180	75	2,0	46	6	568	10	E
160	WB 38	●	4538	160	170	75	2,0	46	6	578	10	E

coating:
 ● DX51D + Z275MAC
 ■ Duplex black

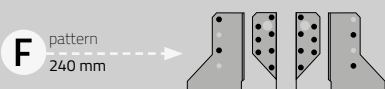
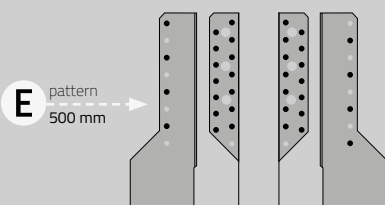
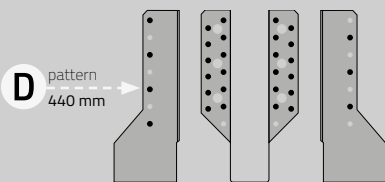
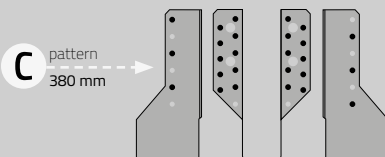
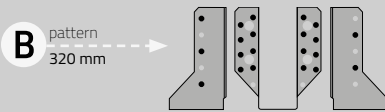
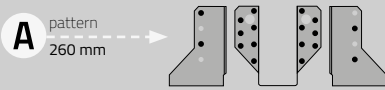
» WB

Joist hanger

Loading capacity scheme



Pattern



Connector	WB 1	WB 2	WB 3	WB 4	WB 5	WB 6	WB 7
Pattern	A	A	B	C	A	B	C
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	11±1	11±1	11±1	11±1	11±1	11±1	11±1
Density $p_{mean, 12\%}$ [kg/m ³]	350	350	350	350	350	350	350
$P_{max, mean}$ (350 kg/m ³) [kN]	23,35	23,35	27,7	29,6	23,35	27,7	29,6
$P_{max, k}$ (350 kg/m ³) [kN]	19,0	19,0	20,3	25,45	19,0	20,3	25,45
Fasteners per connection	1**	1**	1**	1**	1**	1**	1**
Determination method	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

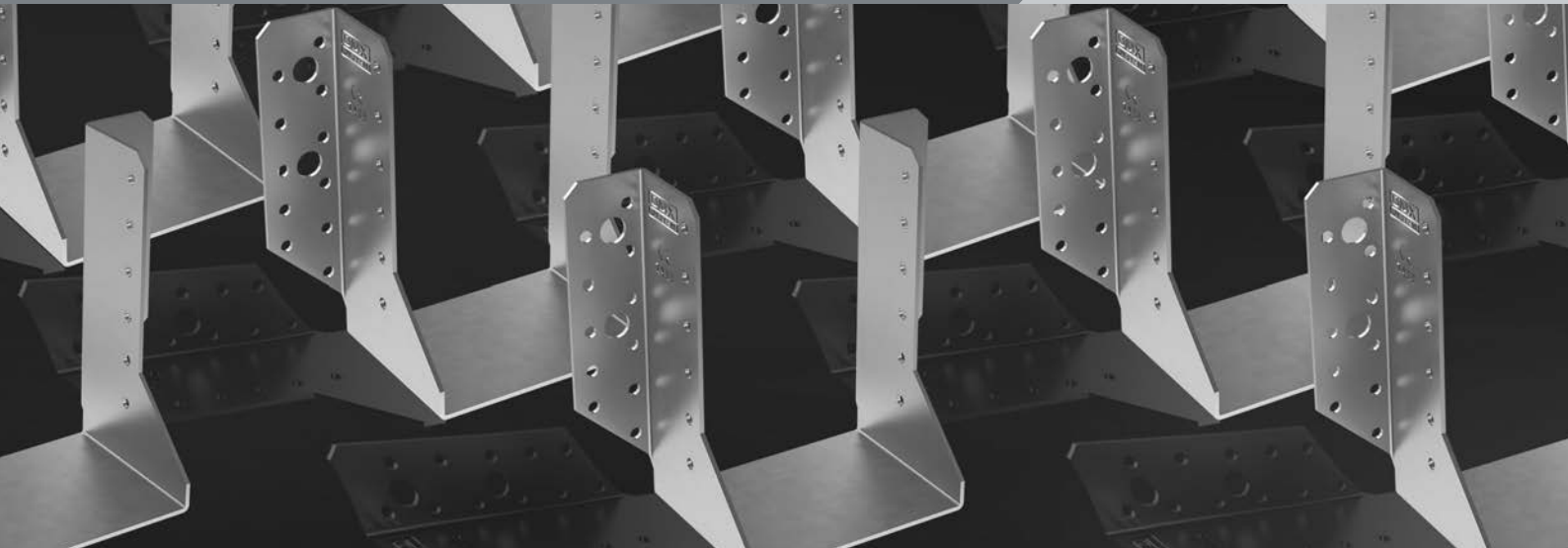
** Forces are for a complete connection including one coupler.

Connector	WB 22	WB 23	WB 24	WB 25	WB 26	WB 27	WB 28
Pattern	C	B	C	D	B	C	D
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	11±1	11±1	11±1	11±1	11±1	11±1	11±1
Density $p_{mean, 12\%}$ [kg/m ³]	350	350	350	350	350	350	350
$P_{max, mean}$ (350 kg/m ³) [kN]	29,6	27,7	29,6	32,2	27,7	29,6	32,2
$P_{max, k}$ (350 kg/m ³) [kN]	25,45	20,3	25,45	27,75	20,3	25,45	27,75
Fasteners per connection	1**	1**	1**	1**	1**	1**	1**
Determination method	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

** Forces are for a complete connection including one coupler.

Connector	WB 43	WB 44	WB 45	WB 46	WB 47	WB 48	WB 49
Pattern	F	A	B	C	F	F	F
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	-	-	-	-	-	-	-
Density $p_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24	C24	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	-	-	-	-	-	-	-
$P_{max, k}$ (350 kg/m ³) [kN]	8,4	8,4	8,4	8,4	9,7	9,6	9,4
Fasteners per connection	1**	1**	1**	1**	1**	1**	1**
Determination method	calculations	calculations	calculations	calculations	calculations	calculations	calculations
Certificate	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165

** Forces are for a complete connection including one coupler.



WB 8	WB 9	WB 10	WB 11	WB 12	WB 13	WB 14	WB 15	WB 16	WB 17	WB 18	WB 19	WB 20	WB 21
A	B	A	B	C	D	A	B	C	D	E	A	B	B
pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1
350	350	350	350	350	350	350	350	350	350	350	350	350	350
23,35	27,7	23,35	27,7	29,6	32,2	23,35	27,7	29,6	32,2	34,9	23,35	27,7	27,7
19,0	20,3	19,0	20,3	25,45	27,75	19,0	20,3	25,45	27,75	32,3	19,0	20,3	20,3
1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**
tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests
ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

** Forces are for a complete connection including one coupler.

WB 29	WB 30	WB 31	WB 32	WB 33	WB 34	WB 35	WB 36	WB 37	WB 38	WB 39	WB 40	WB 41	WB 42
E	C	D	E	D	E	D	E	E	E	C	F	B	C
pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	–	–	–	–
350	350	350	350	350	350	350	350	350	350	C24	C24	C24	C24
34,9	29,6	32,2	34,9	32,2	34,9	32,2	34,9	34,9	34,9	–	–	–	–
32,3	25,45	27,75	32,3	27,75	32,3	27,75	32,3	32,3	32,3	13,2	6,6	7,4	7,4
1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**
tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	calculations	calculations	calculations	calculations
ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165

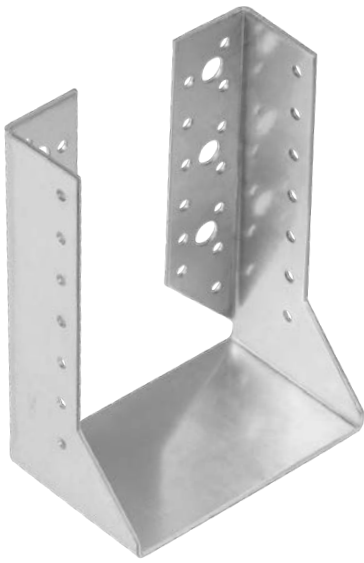
** Forces are for a complete connection including one coupler.

WB 50	WB 51	WB 52	WB 53	WB 54	WB 55	WB 56	WB 57	WB 58	WB 59	WB 60	WB 61	WB 62	WB 63
C	D	F	A	B	C	E	F	E	B	C	D	E	C
pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
–	–	–	–	–	–	–	–	–	–	–	–	–	–
C24	C24	C24	C24	C24	C24	C24	C24	C24	C24	C24	C24	C24	C24
–	–	–	–	–	–	–	–	–	–	–	–	–	–
11,8	11,8	9,3	9,3	12,4	12,6	12,6	9,1	17,3	11,2	14,2	18,4	22,9	12,9
1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**
calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations	calculations
ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165

** Forces are for a complete connection including one coupler.

WBZ

Joist hanger
folded



Application

WBZ hangers bent the beam to be fixed in a limited space, especially on narrow poles. Additional large diameters of the mounting holes mean that they can also be used when fixing beams to a concrete wall. Partial covering of the hanger between the joined elements gives a better visual effect. They are made in several sizes corresponding to the beam sections used on the market.

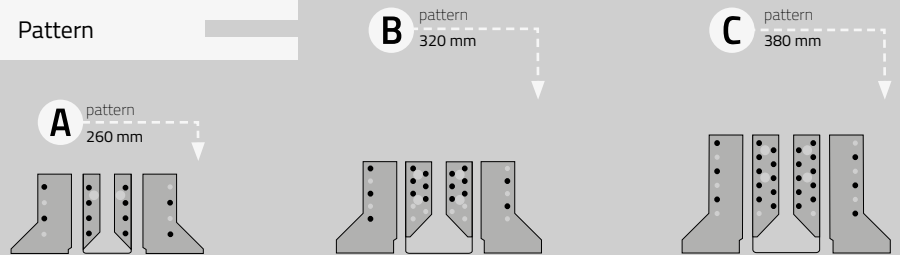
Material Mounting

DX51D + Z275; DX51D + Z275 + black powder coating.
ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 10$; bolts M10; M10 concrete anchors.

beam width [mm]	name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]	pattern
				a	b	c	\neq	$\phi 5$	$\phi 11$			
45	WBZ 49	●	4579	45	97	75	2,0	16	2	241	10	F
	WBZ 49 C	■	45792	45	97	75	2,0	16	2	241	6	F
48	WBZ 52	●	4580	48	96	75	2,0	16	2	241	10	F
	WBZ 52 C	■	45802	48	96	75	2,0	16	2	241	6	F
	WBZ 54	●	4581	48	136	75	2,0	20	2	321	10	B
60	WBZ 14	●	4560	60	100	75	2,0	16	2	267	10	A
70	WBZ 21	●	4561	70	125	75	2,0	28	4	363	10	B
	WBZ 22	●	4562	70	155	75	2,0	34	4	432	10	C
76	WBZ 23	●	4563	76	122	75	2,0	28	4	361	10	B
	WBZ 24	●	4564	76	152	75	2,0	34	4	434	10	C
	WBZ 25	●	4565	76	182	75	2,0	40	6	501	10	D
80	WBZ 26	●	4566	80	120	75	2,0	28	4	357	10	B
	WBZ 27	●	4567	80	150	75	2,0	34	4	429	10	C
	WBZ 28	●	4568	80	180	75	2,0	40	6	499	10	D
	WBZ 29	●	4569	80	210	75	2,0	46	6	568	10	E
100	WBZ 30	●	4570	100	140	75	2,0	34	4	430	10	C
	WBZ 31	●	4571	100	170	75	2,0	40	6	499	10	D
	WBZ 32	●	4572	100	200	75	2,0	46	6	568	10	E
115	WBZ 33	●	4573	115	163	75	2,0	40	6	490	10	D
	WBZ 34	●	4574	115	193	75	2,0	46	6	578	10	E
120	WBZ 35	●	4575	120	160	75	2,0	40	6	496	10	D
	WBZ 36	●	4576	120	190	75	2,0	46	6	583	10	E
140	WBZ 37	●	4577	140	180	75	2,0	46	6	575	10	E
160	WBZ 38	●	4578	160	170	75	2,0	46	6	567	10	E



Pattern

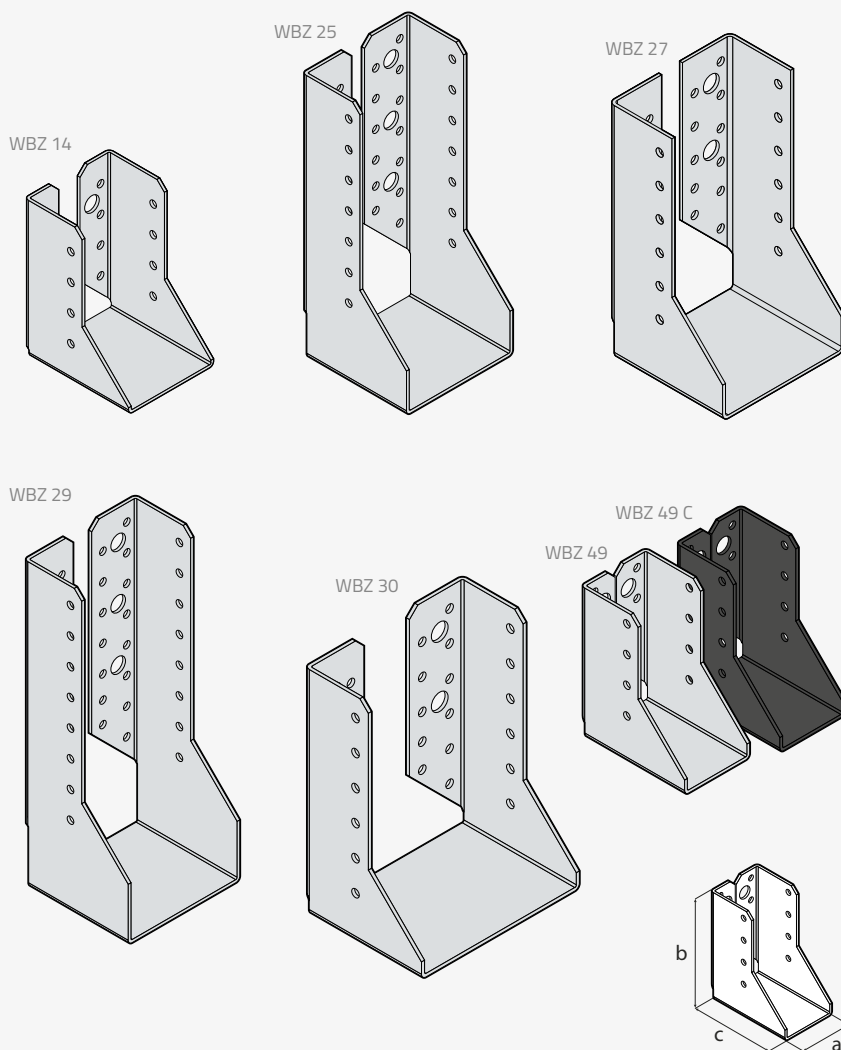


Connector	WBZ 14	WBZ 21	WBZ 22	WBZ 23	WBZ 24	WBZ 25	WBZ 26
Pattern	A	B	C	B	C	D	B
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	–	11 \pm 1	11 \pm 1	11 \pm 1	11 \pm 1	11 \pm 1	11 \pm 1
Density $\rho_{mean, 12\%$ [kg/m ³]	C24	350	350	350	350	350	350
$P_{max,mean (350 kg/m^3)}$ [kN]	–	22,40	34,15	22,40	34,15	37,5	22,40
$P_{max,k (350 kg/m^3)}$ [kN]	9,3	17,15	23,65	17,15	23,65	30,95	17,15
Fasteners per connection	1**	1**	1**	1**	1**	1**	1**
Determination method	calculations	tests	tests	tests	tests	tests	tests
Certificate	ETA 15/0725	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

** Forces are for a complete connection including one coupler.

WBZ

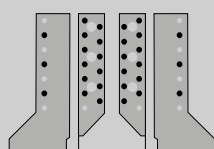
Joist hanger
folded



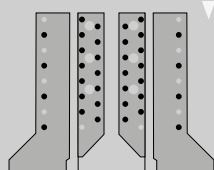
coating:
 ● DX51D + Z275MAC
 ■ Duplex black



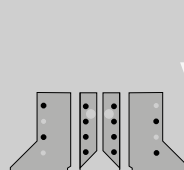
D pattern
440 mm



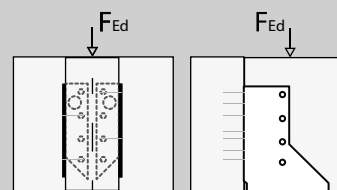
E pattern
500 mm



F pattern
240 mm



Loading capacity scheme



WBZ 27	WBZ 28	WBZ 29	WBZ 30	WBZ 31	WBZ 32	WBZ 33	WBZ 34	WBZ 35	WBZ 36	WBZ 37	WBZ 38	WBZ 49	WBZ 52	WBZ 54
C	D	E	C	D	E	D	E	D	E	E	E	F	F	B
pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	—	—	—	—
350	350	350	350	350	350	350	350	350	350	350	C24	C24	C24	C24
34,15	37,5	31,25	34,15	37,5	31,25	37,5	31,25	37,5	31,25	31,25	—	—	—	—
23,65	30,95	28,65	23,65	30,95	28,65	30,95	28,65	30,95	28,65	28,65	16,2	4,8	4,8	5,8
1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**
tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests	calculations	calculations	calculations	calculations
ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 18/1165	ETA 18/1165	ETA 18/1165	ETA 18/1165

WBD

Joist hanger
divided



Application

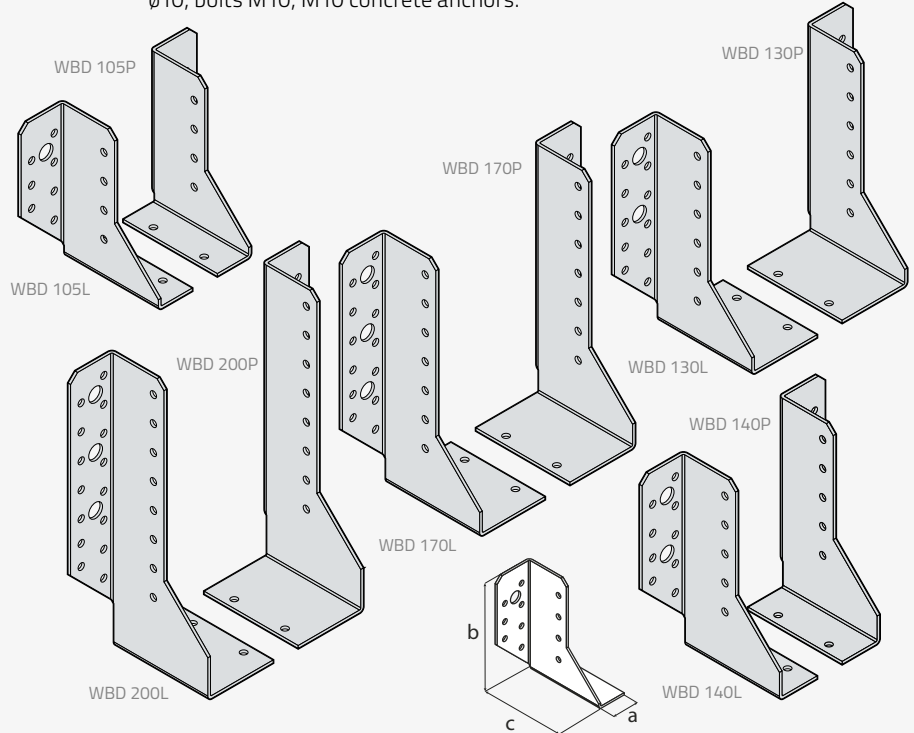
The split WBD hanger arrangement allows the installation of non-standard sized beams. They are made in several sizes corresponding to the beam sections used on the market. Additional large diameters of the holes make them also suitable for attaching beams to a concrete wall.

Material

DX51D + Z275.

Mounting

ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 10$; bolts M10; M10 concrete anchors.



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	≠	$\phi 5$	$\phi 11$		
WBD 105 L	●	4543	25	105	75	2,0	13	1	145	10
WBD 105 P	●	4544	25	105	75	2,0	13	1	145	10
WBD 130 L	●	4551	28	130	75	2,0	16	2	183	10
WBD 130 P	●	4552	28	130	75	2,0	16	2	183	10
WBD 140 L	●	4545	50	140	75	2,0	19	2	215	10
WBD 140 P	●	4546	50	140	75	2,0	19	2	215	10
WBD 170 L	●	4547	50	170	75	2,0	22	2	245	10
WBD 170 P	●	4548	50	170	75	2,0	22	2	245	10
WBD 200 L	●	4549	50	200	75	2,0	25	3	280	10
WBD 200 P	●	4550	50	200	75	2,0	25	3	280	10

coating:

● DX51D + Z275MAC



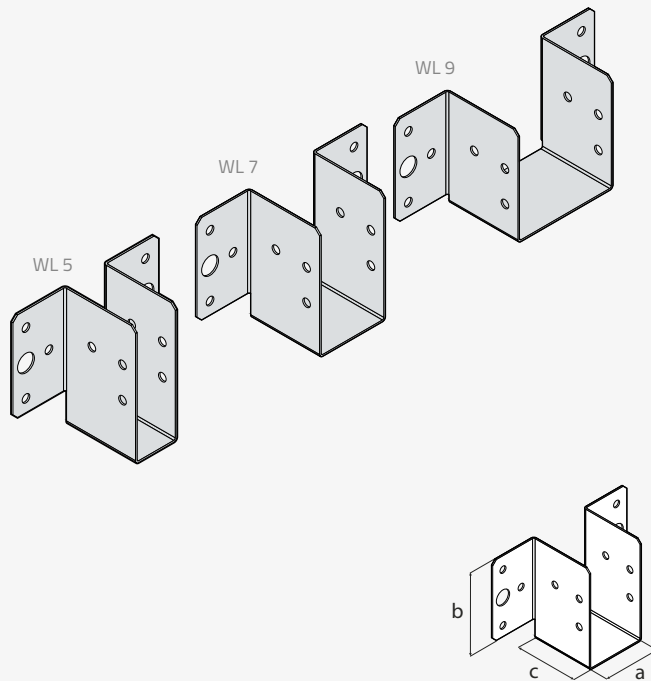
Connector	Loading capacity scheme					Nailing scheme				
	WBD 105 L	WBD 105 P	WBD 130 L	WBD 130 P	WBD 140 L	WBD 140 P	WBD 170 L	WBD 170 P	WBD 200 L	WBD 200 P
Loading type	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1	11±1
Density $\rho_{mean, 12\%}$ [kg/m ³]	350	350	350	350	350	350	350	350	350	350
$P_{max,mean}$ (350 kg/m ³) [kN]	29,12	29,12	29,12	29,12	29,12	29,12	29,12	29,12	29,12	29,12
$P_{max,k}$ (350 kg/m ³) [kN]	26,96	26,96	26,96	26,96	26,96	26,96	26,96	26,96	26,96	26,96
Fasteners per connection	2*	2*	2*	2*	2*	2*	2*	2*	2*	2*
Determination method	tests	tests	tests	tests	tests	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631

* Forces are given for a complete joint with two connectors, so the force per connector (one angle) is half of the value listed.

Application Beam hangers for light construction applications. Additional large diameters of the holes make them also suitable for attaching beams to a concrete wall.

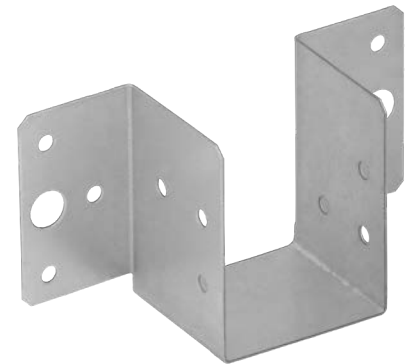
Material DX51D + Z275.

Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; wood screws $\phi 10$; bolts M10; M10 concrete anchors.



WL

Joist hanger light



symbol	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	c	\neq	$\phi 5$	$\phi 11$		
WL 5	●	4555	25	77	45	1,0	14	2	91	10
WL 6	●	4556	38	71	45	1,0	14	2	91	10
WL 7	●	4557	41	70	45	1,0	14	2	91	10
WL 8	●	4558	51	65	45	1,0	14	2	91	10
WL 9	●	4559	60	60	45	1,0	14	2	91	10

coating:
● DX51D + Z275MAC



Loading capacity scheme					
	WL 5	WL 6	WL 7	WL 8	WL 9
Connector	WL 5	WL 6	WL 7	WL 8	WL 9
Loading type	pressure	pressure	pressure	pressure	pressure
Wood moisture [%]	–	–	–	–	–
Density $\rho_{mean, 12\%}$ [kg/m ³]	C24	C24	C24	C24	C24
$P_{max, mean}$ (350 kg/m ³) [kN]	15,5	15,5	15,5	15,5	15,5
$P_{max, k}$ (350 kg/m ³) [kN]	14,29	14,29	14,29	14,29	14,29
Fasteners per connection	1**	1**	1**	1**	1**
Determination method	tests	tests	tests	tests	tests
Certificate	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 22/0631	ETA 13/0124

** Forces are for a complete connection including one coupler.

SK

Construction anchor

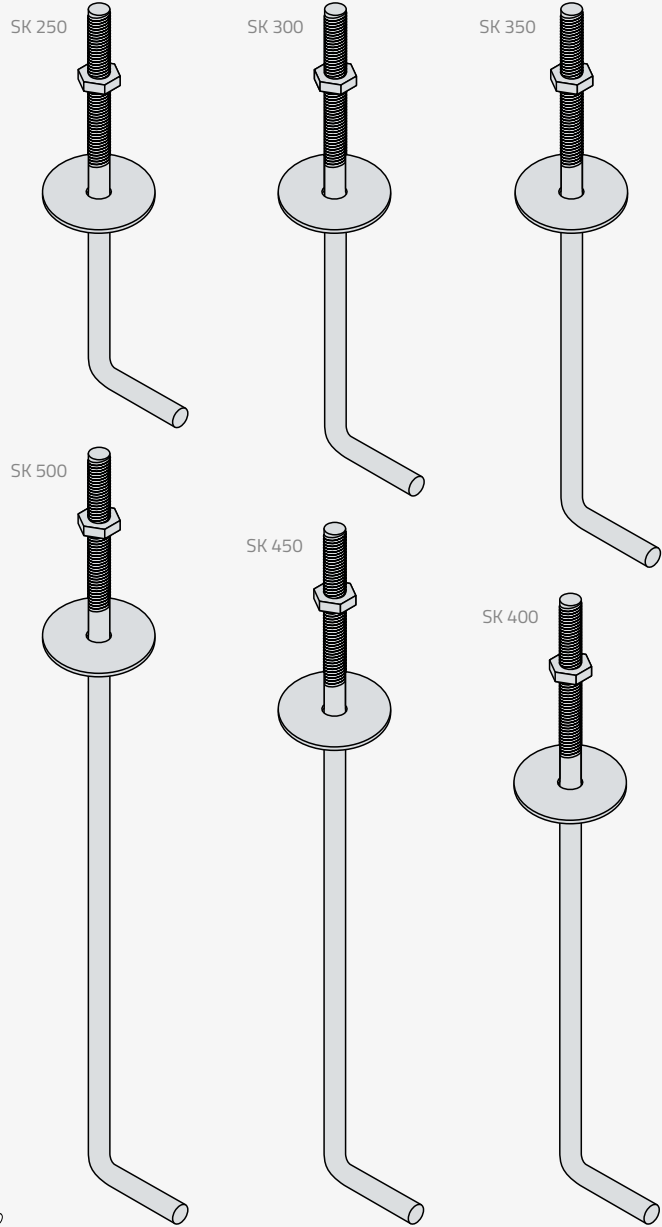


Application

SK construction anchors are designed for anchoring horizontal wooden elements in concrete. Mainly used for the installation of wall boards and ground beams.

Material

S235 + oil film.



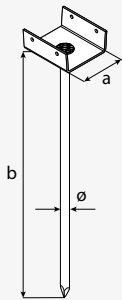
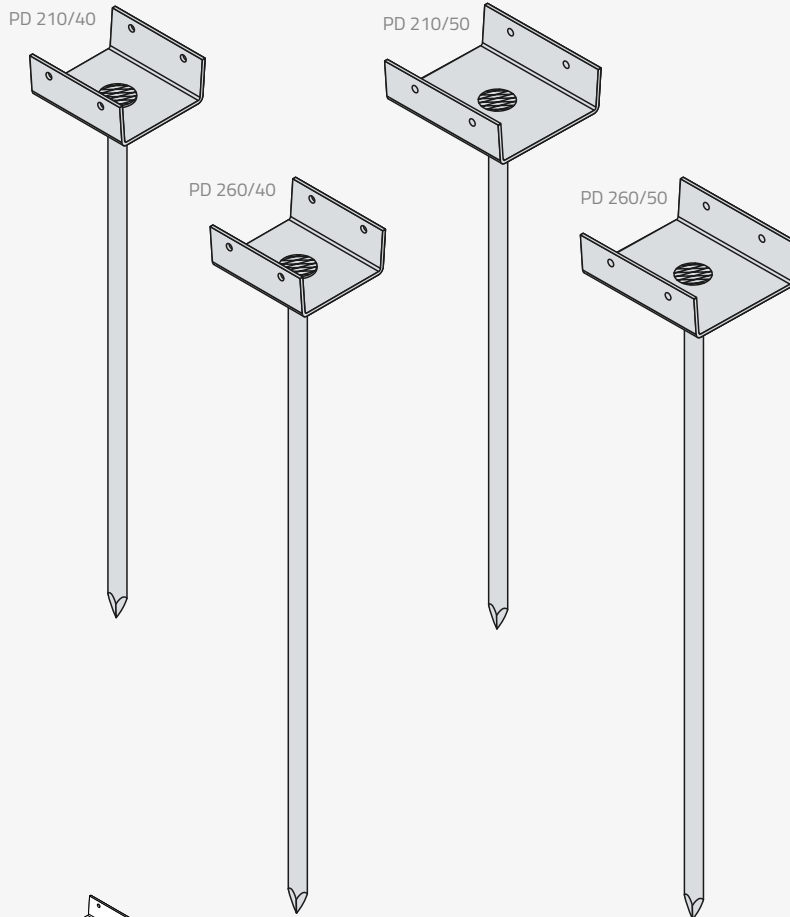
name	coat.	art no.	dimensions [mm]		weight [g]	packaging [pcs]
			a	D		
SK 250	●	7882	250	M12	288	10
SK 300	●	7883	300	M12	320	10
SK 350	●	7884	350	M12	362	10
SK 400	●	7885	400	M12	393	10
SK 450	●	7886	450	M12	429	10
SK 500	●	7887	500	M12	467	10

coating:
● oil film

Application Supports of the ridge batten enable quick leveling and stable fastening of the batten.

Material S235 + hot dip galvanization.

Mocowanie ANCHOR nails; $\phi 3$ wood screws.



name	coat.	art no.	dimensions [mm]				holes [mm]		weight [g]	packaging [pcs]
			a	b	ϕ	\neq	$\phi 3$			
PD 210/40	●	4613	40	210	7	1,5	4	126	10	
PD 210/50	●	4610	50	210	7	1,5	4	130	10	
PD 260/40	●	4614	40	260	7	1,5	4	139	10	
PD 260/50	●	4611	50	260	7	1,5	4	145	10	
PD 310/40	●	4615	40	310	7	1,5	4	153	10	
PD 310/50	●	4612	50	310	7	1,5	4	162	10	

coating:
 ● hot-dip galvanization

PD

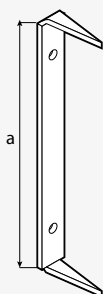
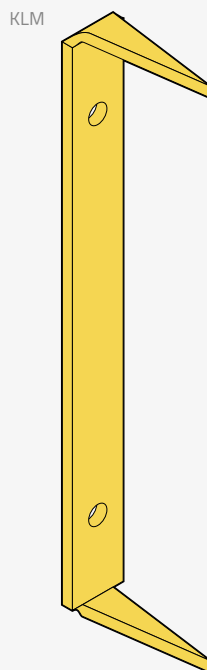
Roof batten support



KLM

Beam clamp

Application Universal beam connectors.
 Material S235 + yellow galvanization.
 Mounting ANCHOR nails $\phi 4$; ANW – ANCHOR screws $\phi 5$ Torx20 socket; $\phi 4$ wood screws.



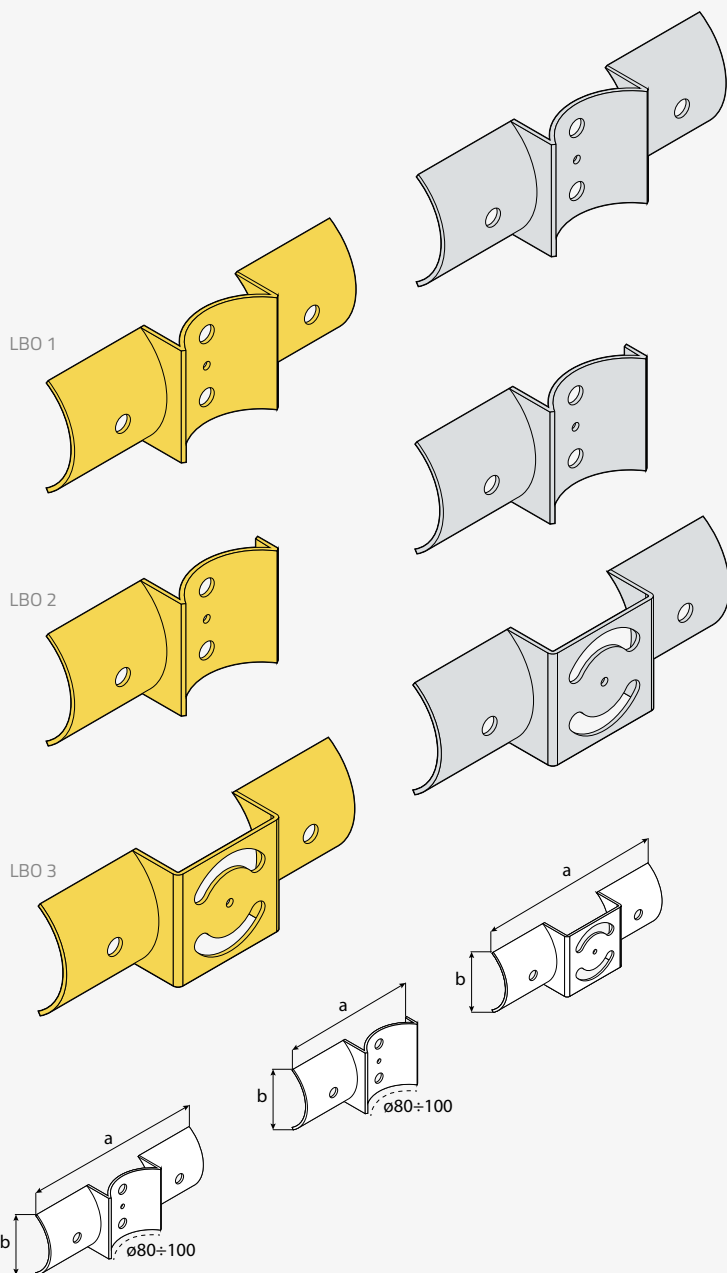
name	coat.	art no.	dimensions [mm]		holes [mm]	weight [g]	packaging [pcs]
			a	≠	$\phi 5$		
KLM	●	4630	250	5,0	2	273	10

coating:
 ● yellow galvanization

Application A connector for quick assembly of round beams with a diameter of 80 to 100 mm at the required angle. Strengthens the structure.

Material DC01 + yellow galvanization; DX51D + Z275.

Mounting Wood screws $\phi 5$, $\phi 10$; coach screws PWD $\phi 10$.



LBO

Circle beam
connector



see the
instructional
video



name	coat.	art no.	dimensions [mm]			holes [mm]			weight [g]	pack. [pcs]
			a	b	≠	$\phi 5$	$\phi 10,5$	10,5x38		
LBO 1	●	4927	203	68	2,5	1	4	–	288	10
	●	49272	203	68	2,5	1	4	–	320	10
LBO 2	●	4928	145	68	2,5	1	3	–	362	10
	●	49282	145	68	2,5	1	3	–	393	10
LBO 3	●	4929	200	58	2,5	1	2	2	429	10
	●	49292	200	58	2,5	1	2	–	467	10

coating:

- yellow galvanization
- DX51D + Z275MAC

domax

**DOMAX Sp. z o.o.**

al. Parku Krajobrazowego 109
Łężyce, 84-207 Koleczkowo, Poland
tel. +48 58 665 82 22
fax: +48 58 665 81 20
e-mail: handlowy@domax.com
www.domax.com

**DOMAX Česko s.r.o.**

Staroměstská 534
739 61 Třinec, Czech Republic
tel. +420 558 273 401
e-mail: obchod@domax.cz

**DOMAX SK s.r.o.**

Nádražná 329
015 01 Rajec, Slovakia
tel. +421 (0) 41 598 3002
e-mail: obchod@domax.com

**DOMAX System Distribution S.R.L.**

Str. George Cosbuc, nr. 13, et. 1,
camera 1
Ploiești, România
+40 770 245 911
e-mail: birou@domax.com

**DOMAX Distribution d.o.o.**

ul. Koledovčina 8
10000 Zagreb
Hrvatska
tel. +385 99 524 3260
e-mail: ured@domax.com

**DMX System doo**

Trnjaci 38
11500 Krtinska Obrenovac, Serbia
tel. +381 11 875 5064
tel. +381 65 245 7294
tel. +381 65 245 7293
e-mail: office@dmxsystem.com

**DOMAX Bulgaria LTD**

Домакс България ЕООД
София
ул. Сан Стефано 23 А, et. 2 ап. 4
тел. +359 882809169
e-mail: officebg@domax.com

**DOMAX in Spain**

David Jaén Segura
tel. +34 977 18 29 44
fax: +34 977 69 16 49
movil: +34 607 90 48 26
e-mail: d.jaen@domax.com

**DOMAX in Baltics**

SIA Polfix
Gustava Zemgala gatve 77 k-1
1039 Riga, Latvia
tel. +371 28334477
e-mail: baltics@domax.com

**DOMAX in Moldova**

Група компаний LIDER SRL „Profmet Grup”
г. Кишинев
ул. Петриканская 33
тел. (+373) 84-46-71
факс: (+373) 84-46-72
e-mail: krepej@lider.md

**DOMAX Deutschland UG**

Ehrenbergstraße 23
14195 Berlin, Deutschland
Tel. + 49 17679072971
e-mail: verkauf@domax.com