

Section 1. PRODUCT DESCRIPTION

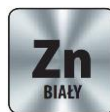
NAIL PLATE ANGLE BRACKET – KP

Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. If no nailing diagrams information is given it is assumed that they should be fixed using all available holes.

Fasteners are coated with blue zinc-plated coating ensuring corrosion protection.

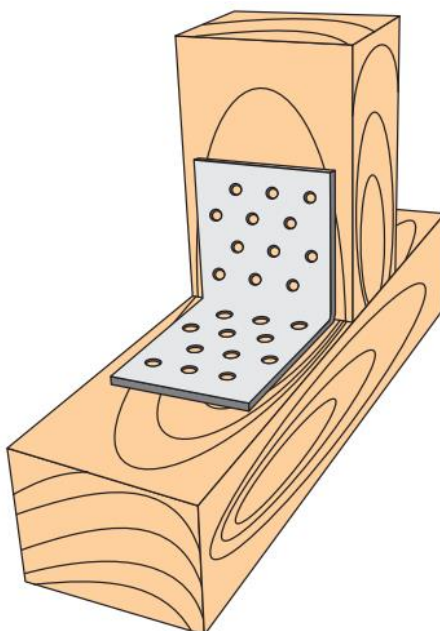
Features and advantages of fasteners:

- easy installation
- stability and rigidity of the connection
- high quality, durability and aesthetics
- corrosion protection
- fire resistance class – A1



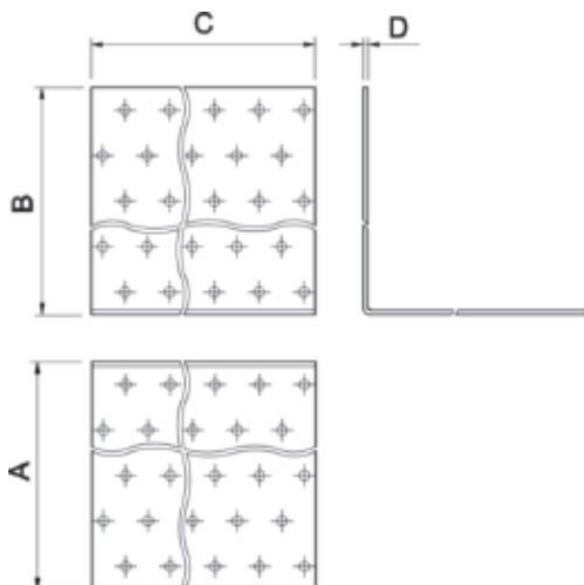
Section 2. METHOD OF INSTALLATION

1. Ori Used to join wooden parts with flat surfaces
2. The fastened wooden elements should be defect-free (no knots, cracks, colourations, rots, structure and shape defects, mechanical damages) as any defects reduce their strength
3. For connection, suitable pin type fasteners should be selected with an adequate length depending on thickness of the elements to be fastened
4. Pin type fasteners should conform to PN-EN 14592+A1:2012
5. Screws and nails should be used directly in wooden substrate without prior drilling



PRODUCT DATA SHEET – KP

Section 3. TECHNICAL DATA



Product marking	Dimensions [mm]				No. of holes	Number of pieces in a box
	A	B	C	D	ø5	pcs
KP-01(X100)	42	42	20	2	4	100
KP-02(X50)	42	42	40	2	8	50
KP-03(X50)	42	42	60	2	12	50
KP-04(X50)	42	42	100	2	20	50
KP-05(X50)	42	42	200	2	40	50
KP-06(X50)	52	52	40	2	8	50
KP-07(X50)	62	62	40	2	12	50
KP-08(X50)	62	62	60	2	18	50
KP-09(X50)	62	62	80	2	24	50
KP-10(X50)	62	62	100	2	27	50
KP-11(X50)	82	82	40	2	16	50
KP-12(X50)	82	82	60	2	24	50
KP-13(X25)	82	82	80	2	32	25
KP-14(X25)	102	102	60	2	30	25
KP-15(X25)	102	102	80	2	40	25
KP-16(X25)	102	102	100	2	45	25
KP-17(X40)	162	162	60	2	40	40
KP-18(X40)	162	162	80	2	56	40

NAILING DIAGRAM

KP-01, KP-02, KP-03, KP-06, KP-07	KP-04	KP-08, KP-09, KP-10	KP-11	KP-05, KP-12, KP-13, KP-14	KP-15, KP-16, KP-17, KP-18

Section 4. REMARKS

1. All previous versions of this Product Data Sheet shall cease to be valid
2. Data given in this Product Data Sheet is in accordance with current knowledge and published in good faith. KLIMAS Sp. z o.o. is not responsible for correctness and quality of the fixing if recommendations regarding method of use and installation are not followed.