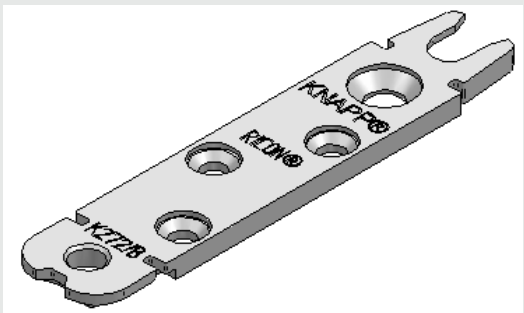
Montageanleitung Construction Manual Notice de montage

VERSION 27.07.2021

RICON® 120x25 Edelstahl



Art.-Nr. K272

Deutsch S. 2
English S. 6
Français S.10

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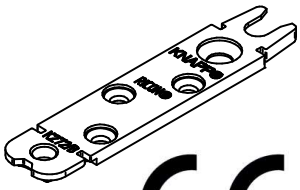


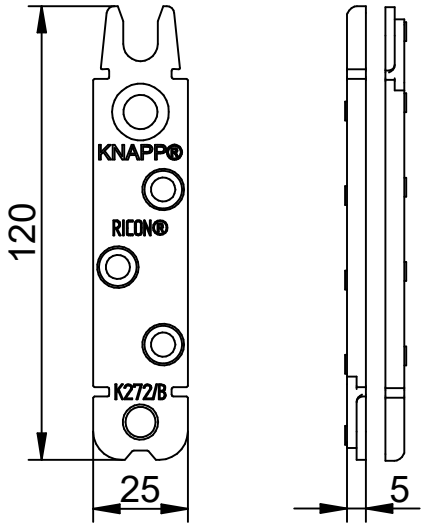
ETA-10/0189

Montageanleitung

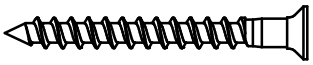
RICON® 120/25 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

2x RICON® 120/25



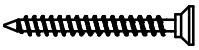
2x RICON® SK 8x80



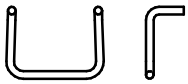
2x RICON® SK 8x50

3x RICON® SK 5x80

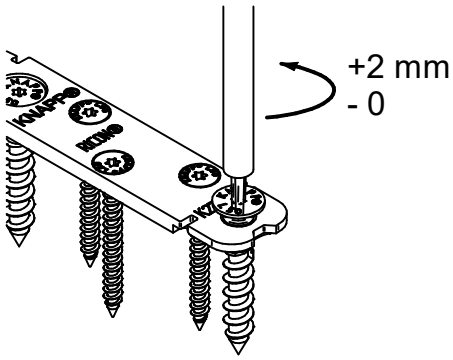
3x RICON® SK 5x50



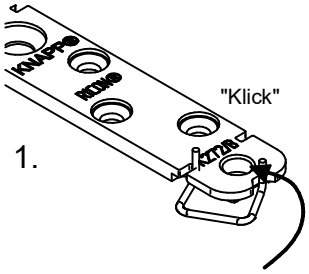
1x RICON® Sperrbügel

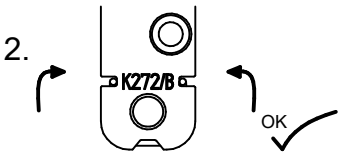


Justierbare Halteschraube

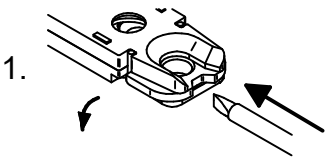


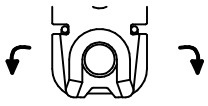
Sperrbügel einlegen

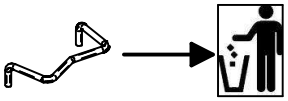




Sperrbügel lösen







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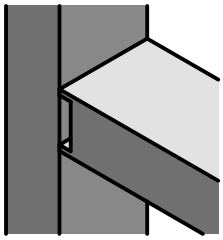


Montageanleitung

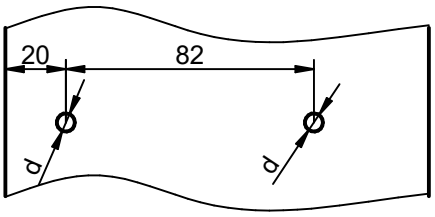
RICON® 120/25 EA - A2

Art. Nr. K272

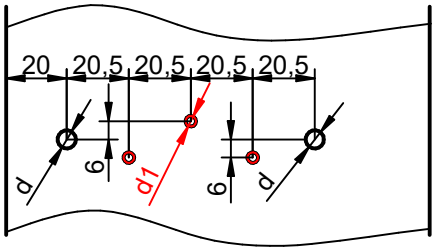
Einzelanschluss
Pfosten-Riegelverbindung

im Pfosten

Vorbohrungen

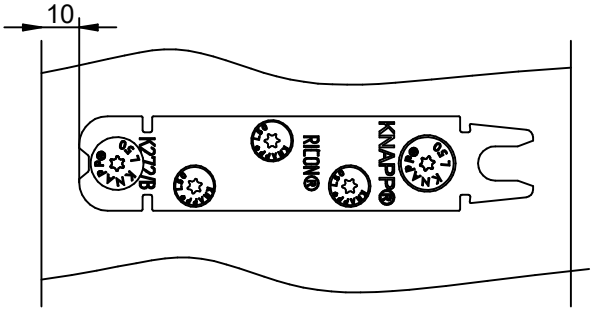


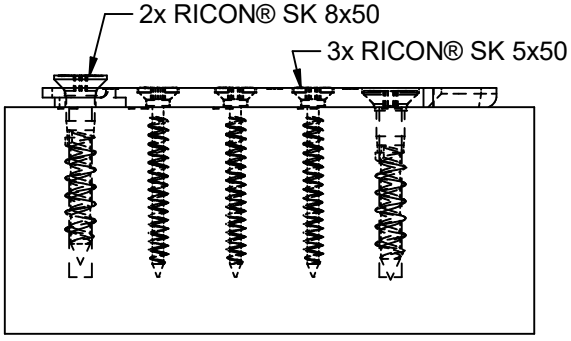
Nadelholz: d...Ø 5mm, 30mm tief vorbohren



Laubholz: d...Ø 6mm, 45mm tief vorbohren
d1...Ø 3,5mm, 45mm tief vorbohren

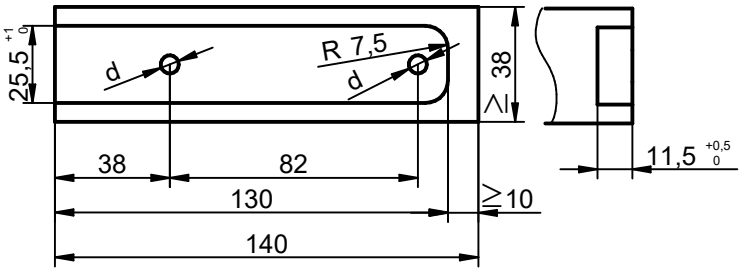
Verschraubung



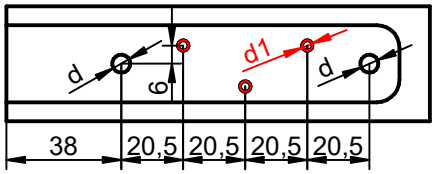


im Riegel

Ausfräsen und vorbohrungen

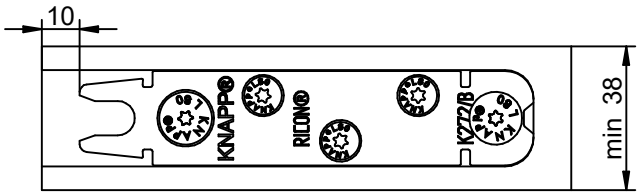


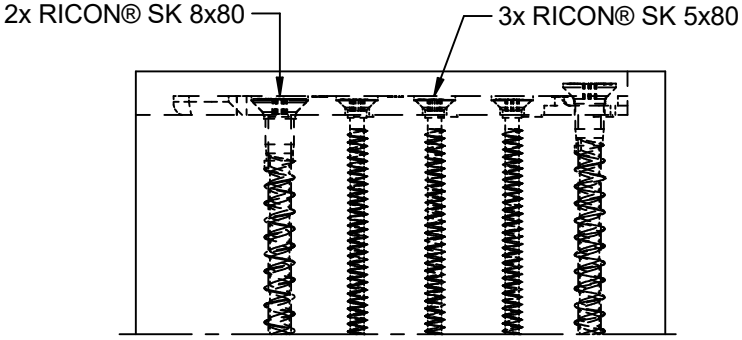
Nadelholz: d...Ø 5mm, 30mm tief vorbohren



Laubholz: d...Ø 6mm, 75mm tief vorbohren
d1...Ø 3,5mm, 75mm tief vorbohren

Verschraubung





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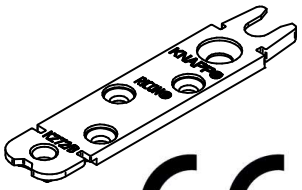


ETA-10/0189

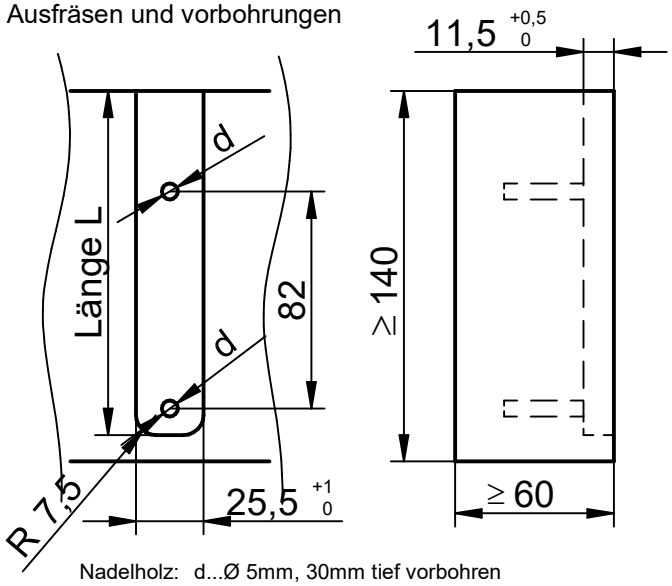
Montageanleitung

RICON® 120/25 - A2

Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung

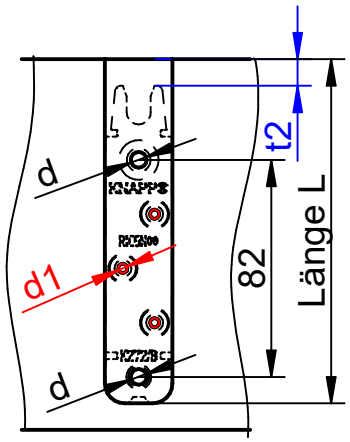
Hauptträger

Ausfräsen und vorbohrungen



Nadelholz: d...Ø 5mm, 30mm tief vorbohren

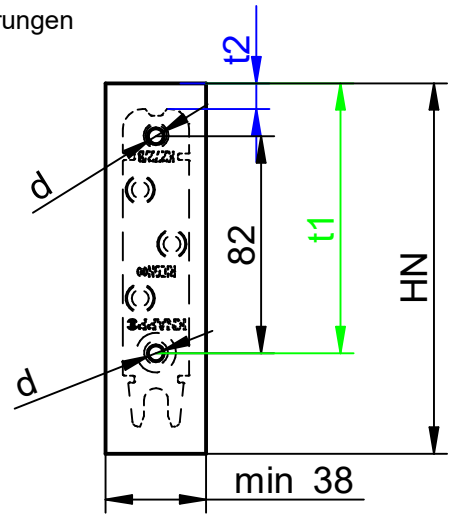
Ausfräslänge L aus dem Haupt- träger in Abhängigkeit der Neben- trägerhöhe HN	
Höhe HN [mm]	Länge L [mm]
140	130
160	140
180	160
200	170
220	190
240	200



Laubholz: d...Ø 6mm, 45mm tief vorbohren
d1...Ø 3,5mm, 45mm tief vorbohren

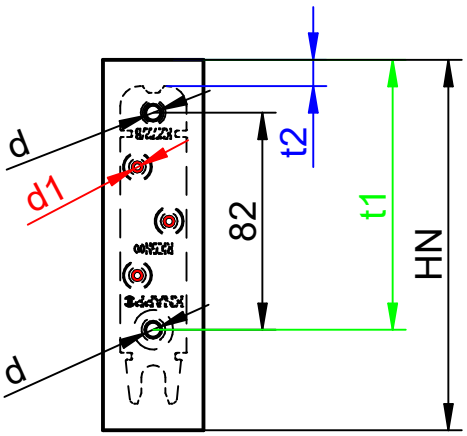
Nebenträger

Vorbohrungen



Nadelholz: d...Ø 5mm, 30mm tief vorbohren

Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN		
Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
140	102	10
160	112	20
180	132	40
200	142	50
220	162	70
240	172	80



Laubholz: d...Ø 6mm, 75mm tief vorbohren
d1...Ø 3,5mm, 75mm tief vorbohren

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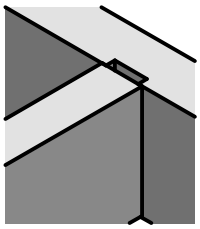


Art. Nr. K272

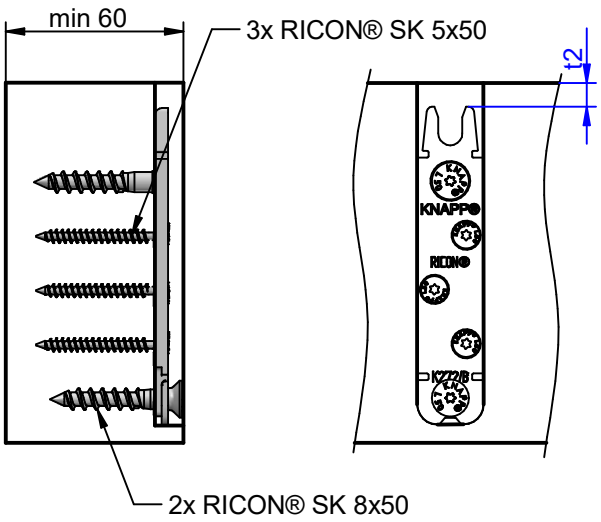
Montageanleitung

RICON® 120/25 EA - A2

Einzelanschluss
Haupt-Nebenträger Verbindung

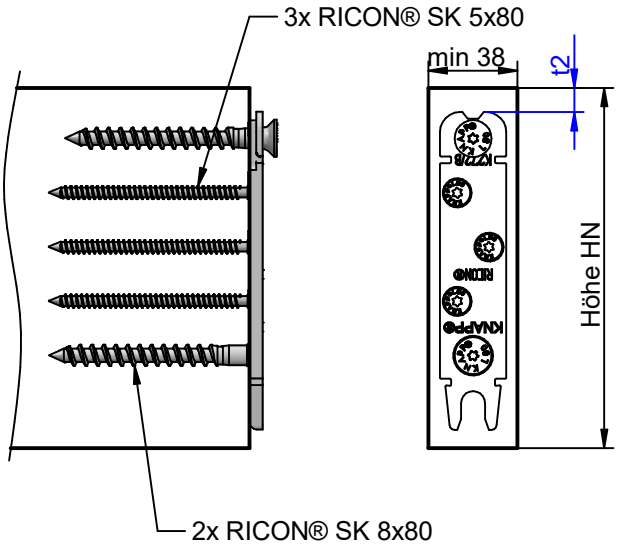
Hauptträger

Verschraubung im Hauptträger



Nebenträger

Verschraubung im Nebenträger



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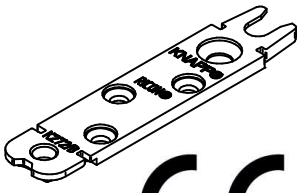
Assembly Instructions

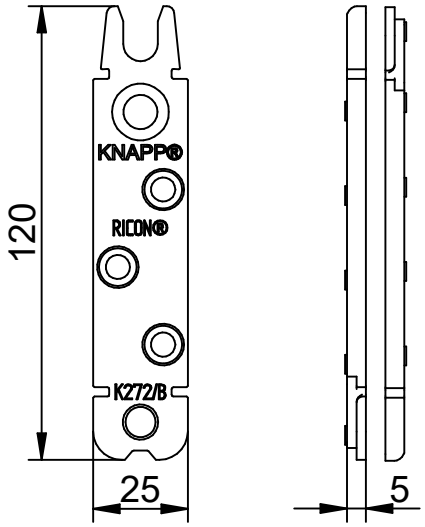
RICON® 120/25 - A2



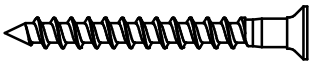
ETA-10/0189

post and beam connection in stainless steel
with ETA (European Technical Assessment) CE marking

2x RICON® 120/25



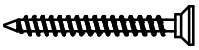
2x RICON® CS 8x80



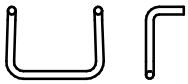
2x RICON® CS 8x50

3x RICON® CS 5x80

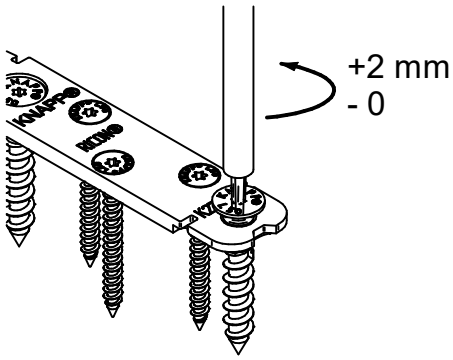
3x RICON® CS 5x50



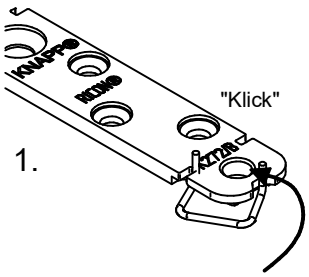
1x RICON® Locking clip

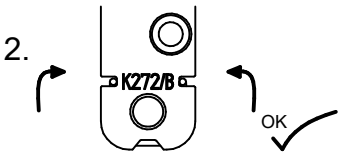


screw depth adjustable

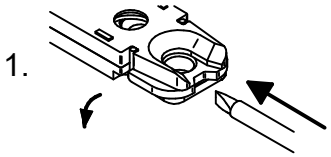


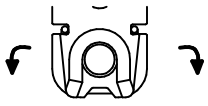
Locking clip assembly

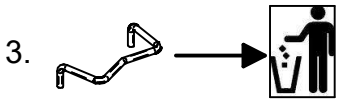




Locking clip removal







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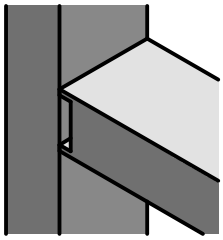


Assembly Instructions

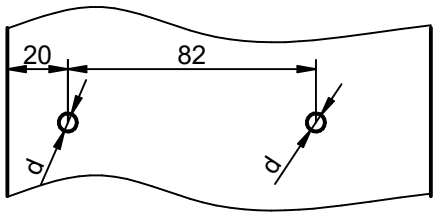
RICON® 120/25 EA - A2

Art. No. K272

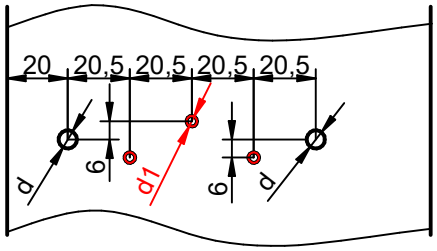
single connection post and beam

for post

Predrilling

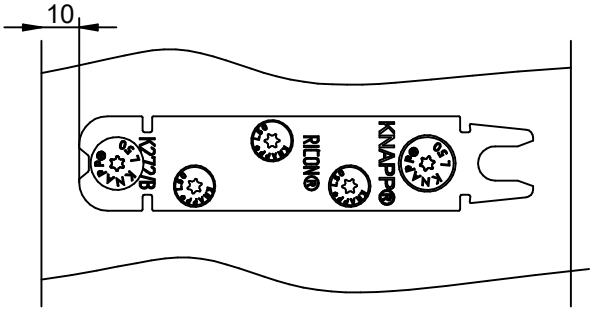


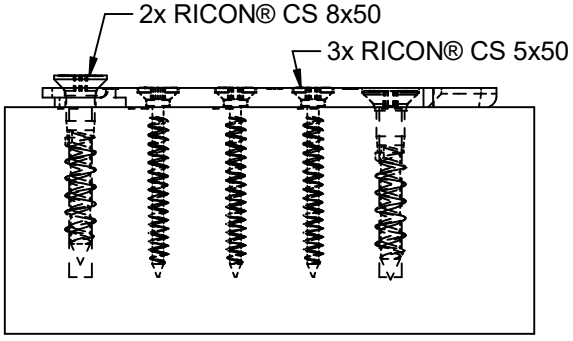
Softwood: d...Ø 5mm, 30mm pre-drilling



Hardwood: d...Ø 6mm, 45mm pre-drilling
d1...Ø 3,5mm, 45mm pre-drilling

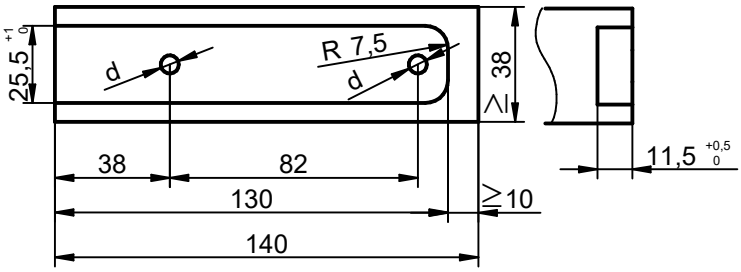
screw pattern for post



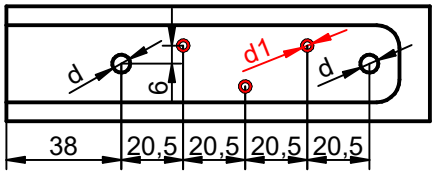


for beam

Milling and predrilling

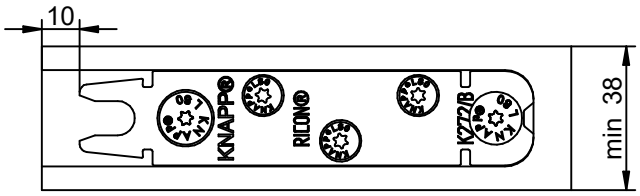


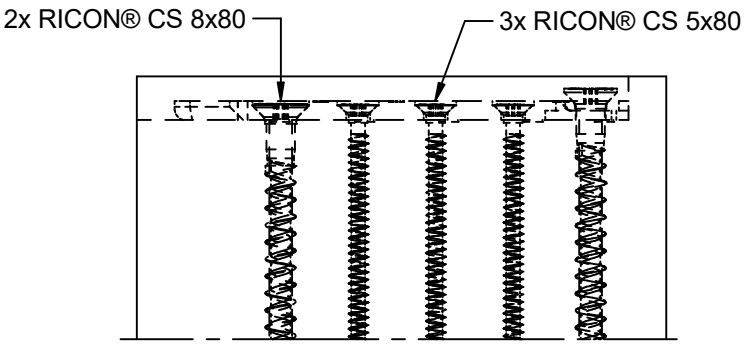
Softwood: d...Ø 5mm, 30mm pre-drilling



Hardwood:d...Ø 6mm, 75mm pre-drilling
d1...Ø 3,5mm, 75mm pre-drilling

screw pattern for beam





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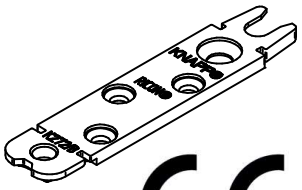
Assembly Instructions

RICON® 120/25 - A2

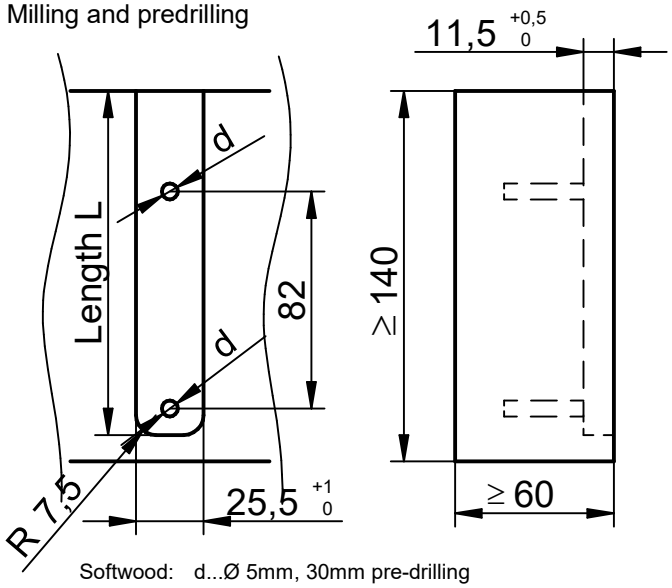


ETA-10/0189

main beam, secondary beam connection in stainless steel with ETA (European Technical Assessment) CE marking

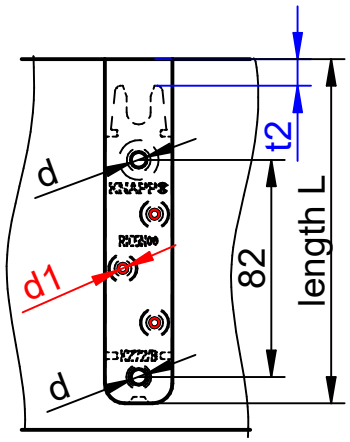
main beam

Milling and predrilling



Softwood: d...Ø 5mm, 30mm pre-drilling

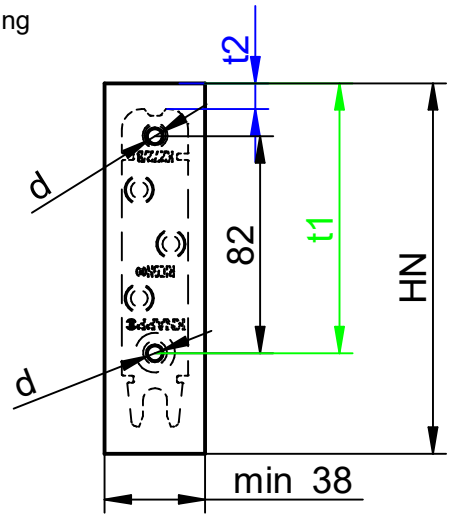
Milling length L form the main beam depending on the beam height HN:	
Height HN [mm]	Length L [mm]
140	130
160	140
180	160
200	170
220	190
240	200



Hardwood: d...Ø 6mm, 45mm pre-drilling
d1...Ø 3,5mm, 45mm pre-drilling

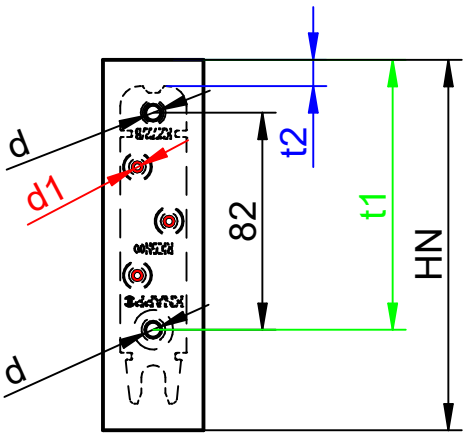
secondary beam

Predrilling



Softwood: d...Ø 5mm, 30mm pre-drilling

Drilling dimensions t1 and distance t2 depending on the secondary beam height HN		
Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
140	102	10
160	112	20
180	132	40
200	142	50
220	162	70
240	172	80



Hardwood: d...Ø 6mm, 75mm pre-drilling
d1...Ø 3,5mm, 75mm pre-drilling

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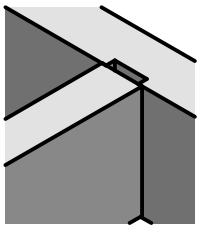


Art. No. K272

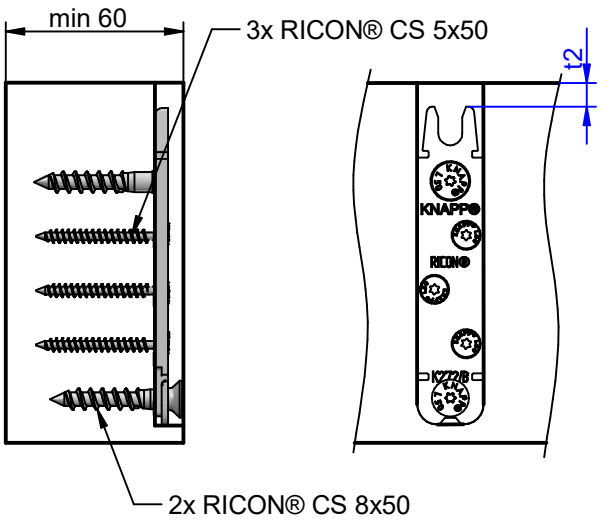
Assembly Instructions

RICON® 120/25 EA - A2

single connection
main beam, secondary beam connection

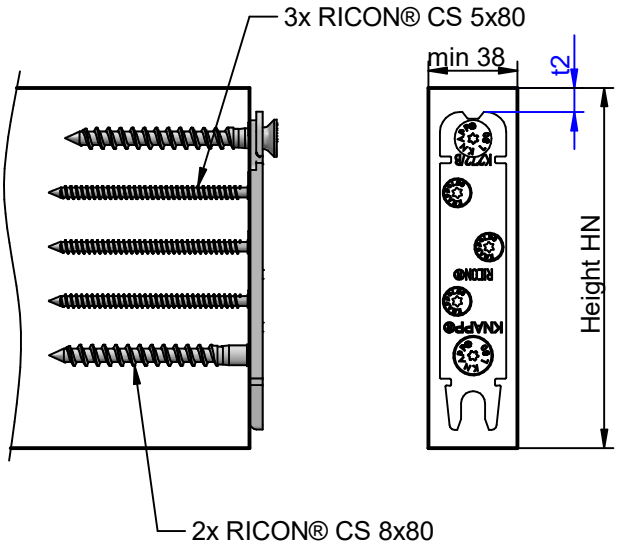
main beam

screw pattern for main beam



secondary

screw pattern for secondary beam



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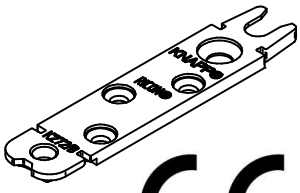
Notice de montage

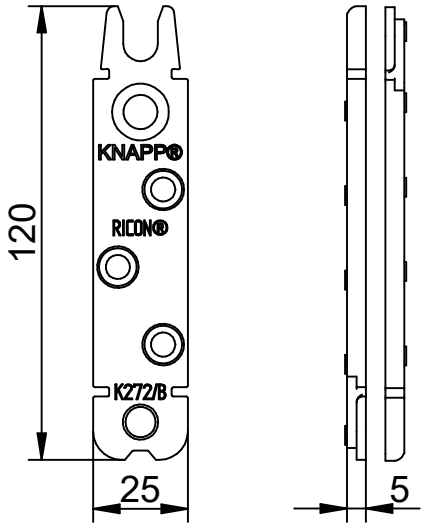
RICON® 120/25 - A2



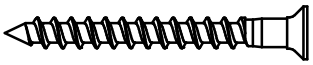
ETA-10/0189

Connecteur inox pour jonctions poteaux - traverses
avec Évaluation Technique Européenne (ETA)

2 vis RICON® 120/25



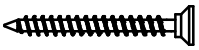
2 vis RICON® TF 8x80



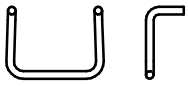
2 vis RICON® TF 8x50

3 vis RICON® TF 5x80

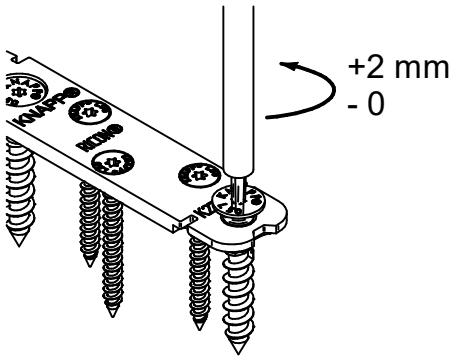
3 vis RICON® TF 5x50



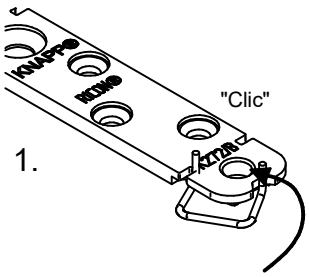
1 goupille de verrouillage

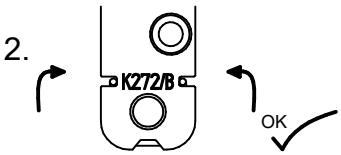


Réglage de la vis d'accroche

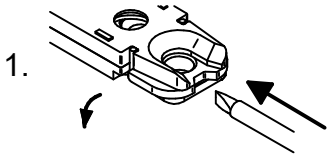


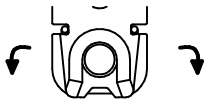
Mise en place de la goupille

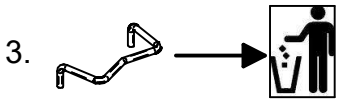




Déverrouillage de la goupille







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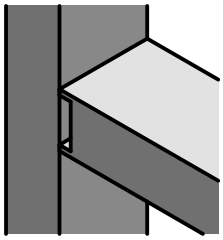


Notice de montage

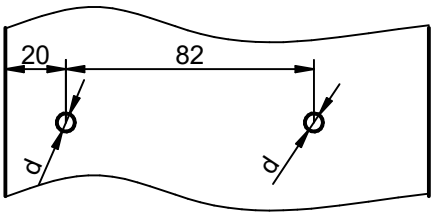
RICON® 120/25 EA - A2

Réf. K272

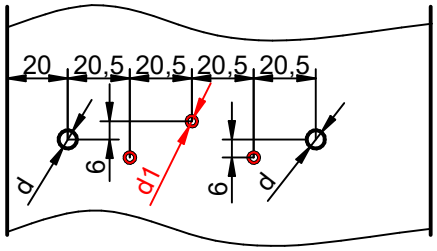
Assemblage simple
Jonctions poteaux - traverses

Poteau

Perçage

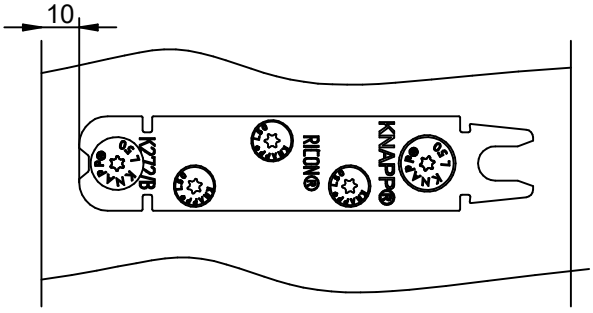


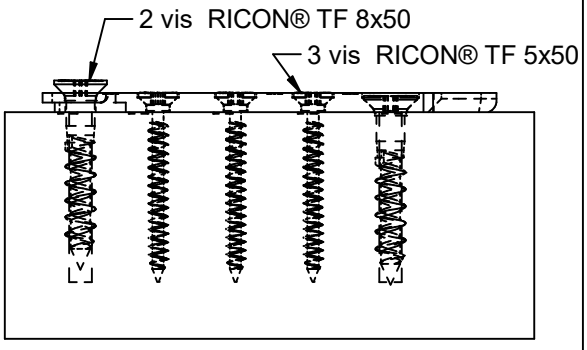
Résineux : pré-percer d...Ø 5mm, prof. 30mm



Feuillus : pré-percer d...Ø 6mm, prof. 45mm
pré-percer d1...Ø 3,5mm, prof. 45mm

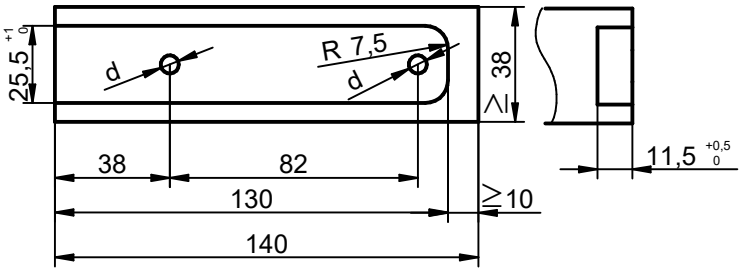
vissage



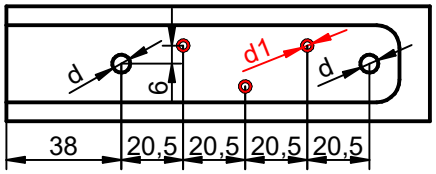


Traverse

Fraisage et perçage

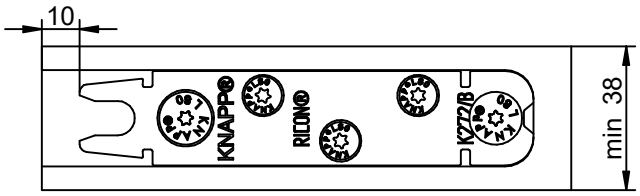


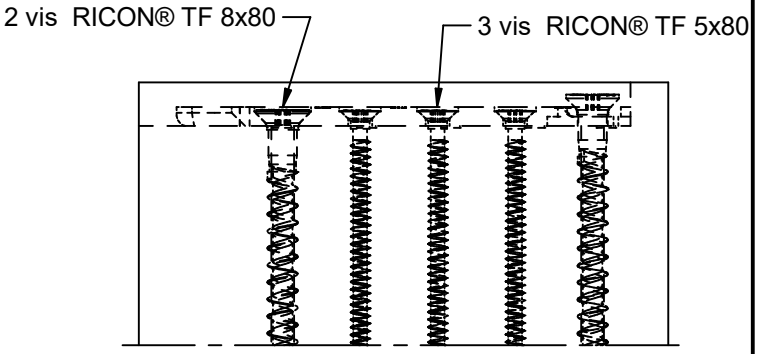
Résineux : pré-percer d...Ø 5mm, prof. 30mm



Feuillus : pré-percer d...Ø 6mm, prof. 75mm
pré-percer d1...Ø 3,5mm, prof. 75mm

vissage





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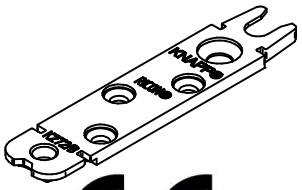
Notice de montage

RICON® 120/25 - A2



CE

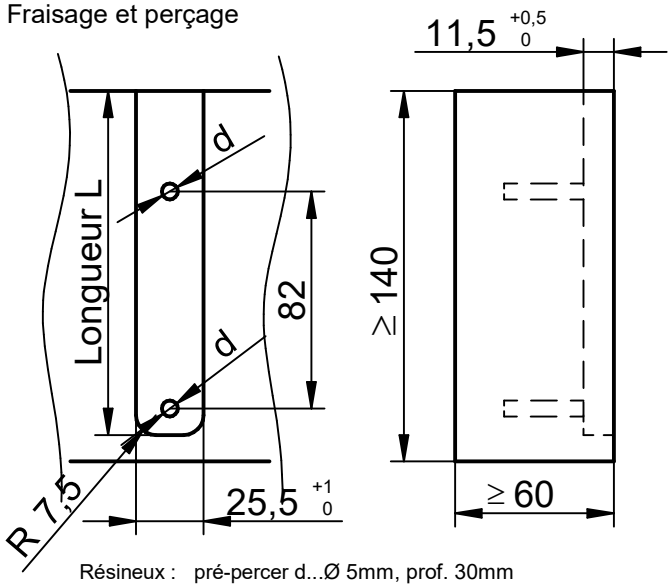
ETA-10/0189

Connecteur inox pour jonctions poutres principales - secondaires

avec Évaluation Technique Européenne (ETA)

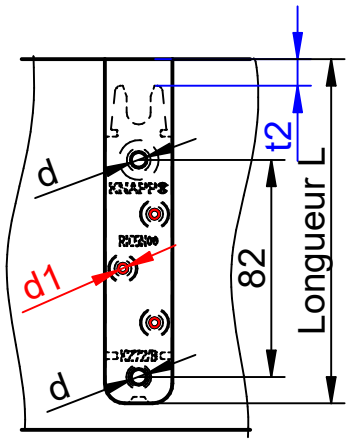
Poutres principales

Fraisage et perçage



Résineux : pré-percer d...Ø 5mm, prof. 30mm

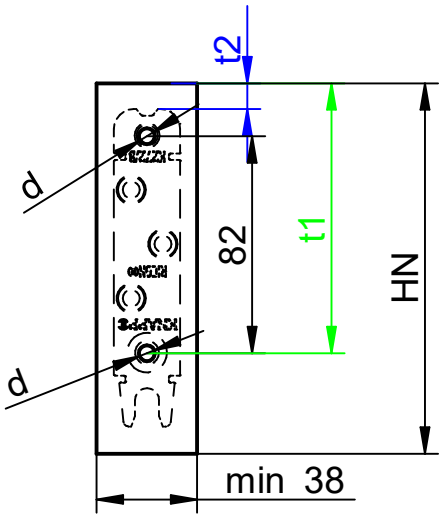
Longueur de fraisage L sur poutre principale en relation avec la hauteur de la poutre secondaire HN	
Hauteur HN [mm]	Longueur L [mm]
140	130
160	140
180	160
200	170
220	190
240	200



Feuillus : pré-percer d...Ø 6mm, prof. 45mm
pré-percer d1...Ø 3,5mm, prof. 45mm

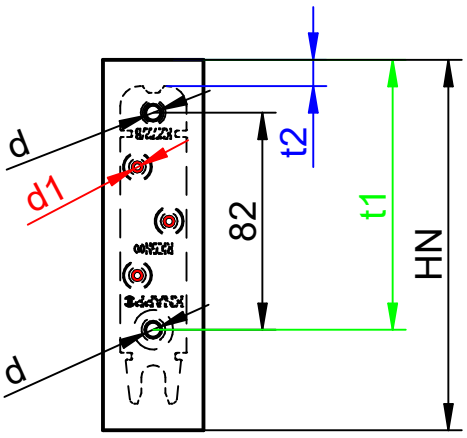
Poutres secondaires

Perçage



Résineux : pré-percer d...Ø 5mm, prof. 30mm

Distance de perçage t1 et t2 en relation avec la poutre secondaire HN		
Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
140	102	10
160	112	20
180	132	40
200	142	50
220	162	70
240	172	80



Feuillus : pré-percer d...Ø 6mm, prof. 75mm
pré-percer d1...Ø 3,5mm, prof. 75mm

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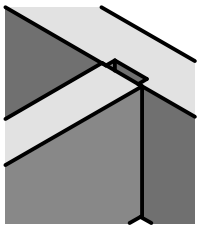


Notice de montage

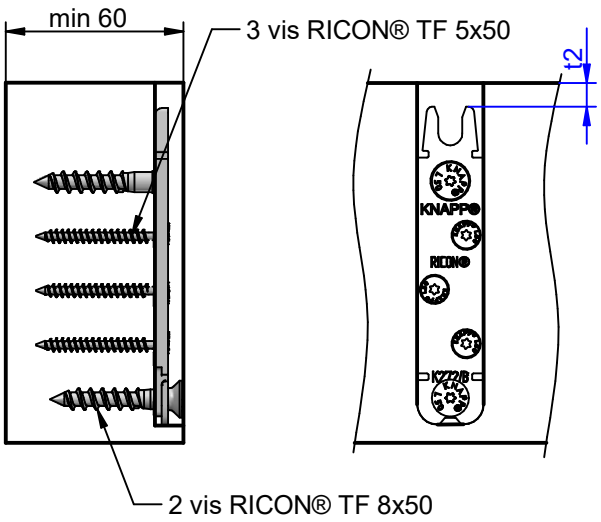
RICON® 120/25 EA - A2

Réf. K272

Assemblage simple
Jonctions poutres principales - secondaires

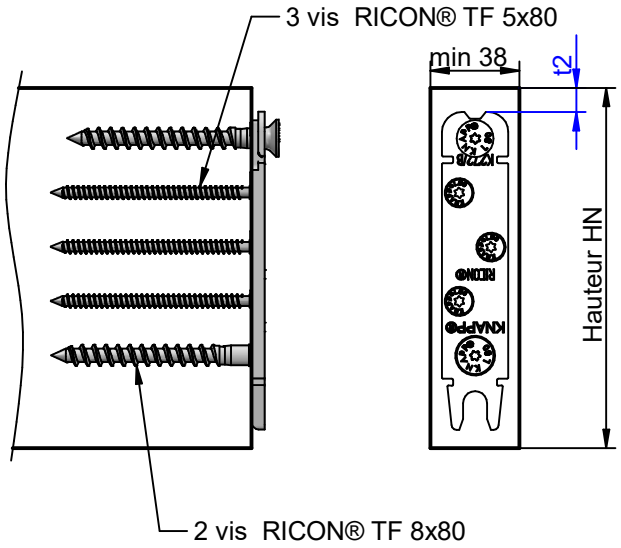
Poutres principales

Détail du vissage sur la poutre principale



Poutres secondaires

Détail du vissage sur la poutre secondaire



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Knapp GmbH ▌Wassergasse 31 ▌A-3324 Euratsfeld ▌Tel.: +43 (0)7474 / 799 10 ▌Fax: +43 (0)7474 / 799 10 99
Knapp GmbH ▌Vertrieb Deutschland ▌Föhrenweg 1 ▌D-85591 Vaterstetten ▌Tel.: +49 (0)8106 / 99 55 99 0 ▌Fax: +49 (0)8106 / 99 55 99 20 ▌E-Mail: info@knapp-verbinder.com
Knapp GmbH Sàrl ▌Filiale France ▌1A Rue du Stade ▌F - 67880 Innenheim Tel. : +33 (0)3 88 48 17 87 ▌Fax: +33 (0)9 70 62 81 87 ▌E-Mail : france@knapp-connectors.com