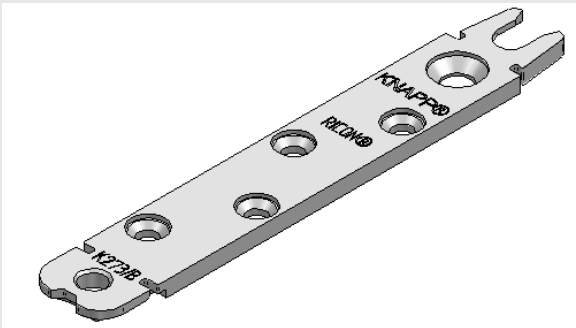
Montageanleitung Construction Manual Notice de montage

VERSION 27.07.2021

RICON® 160x25 Edelstahl



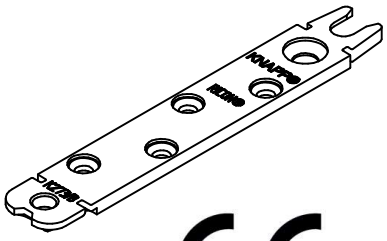
Art.-Nr. K273

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

KNAPP®
connectors.com

© Alle Zeichnungen sind Eigentum der KNAPP® GmbH | All drawings are the exclusive property of KNAPP® GmbH. | Tous les dessins sont la propriété de KNAPP® GmbH

© KNAPP® GmbH | Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten | All measures in mm - Errors excepted | Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications



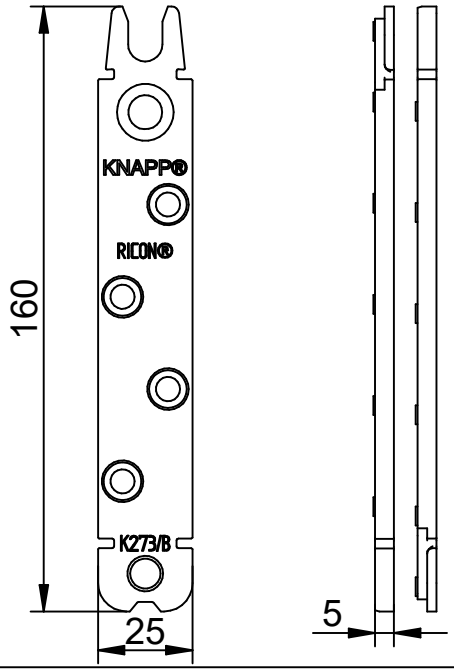
ETA-10/0189

Montageanleitung

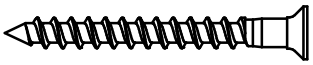
RICON® 160/25 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

2xRICON® 160/25



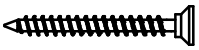
2x RICON® SK 8x80



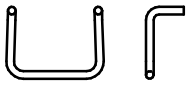
2x RICON® SK 8x50

4x RICON® SK 5x80

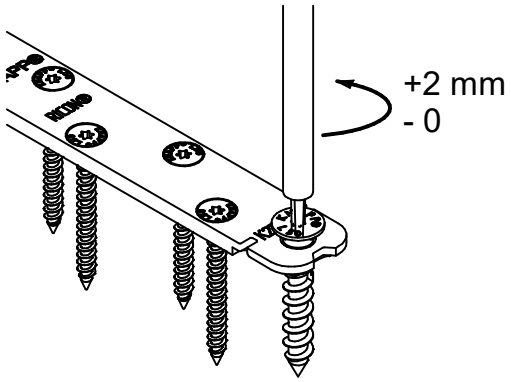
4x RICON® SK 5x50



RICON® Sperrbügel

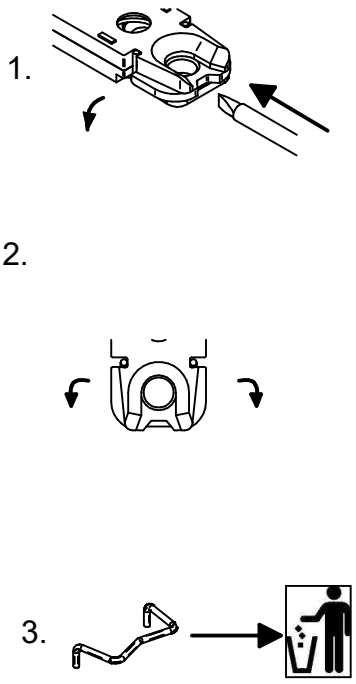


Justierbare Halteschraube



Sperrbügel einlegen

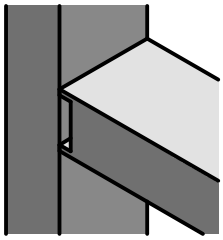
Sperrbügel lösen



Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 27. 07. 2021

KNAPP®
verbinder.com



Montageanleitung

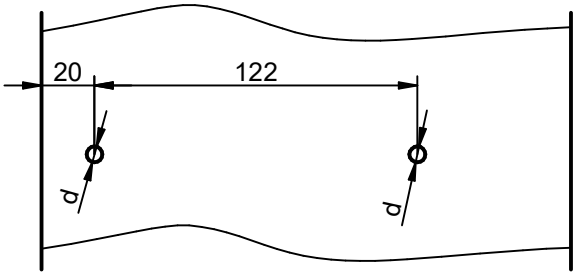
RICON® 160/25 EA - A2

Art. Nr. K273

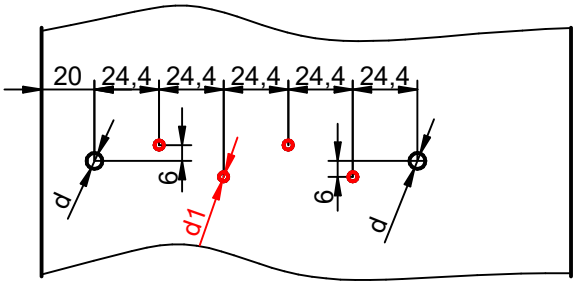
Einzelanschluss
Pfosten-Riegelverbindung

im Pfosten

Vorbohrungen

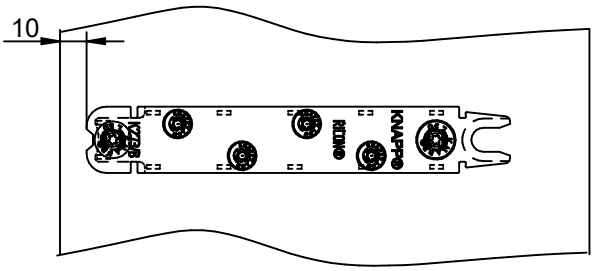


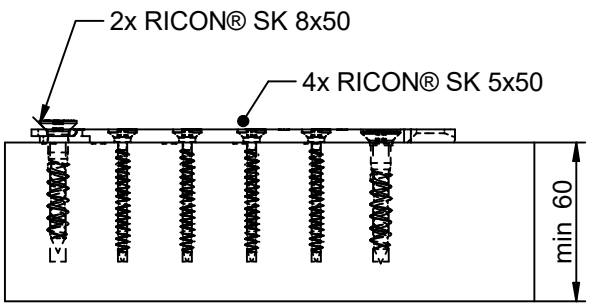
Nadelholz: d...Ø 5mm, 30mm tief vorbohren



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

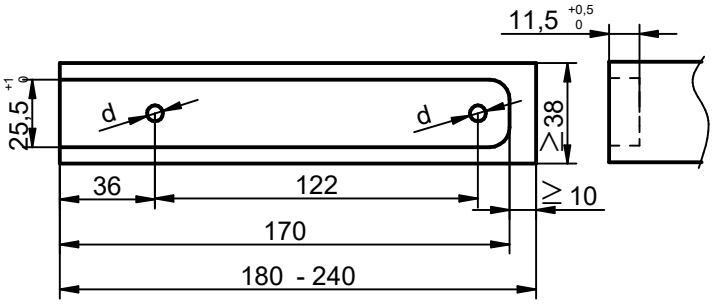
Verschraubung



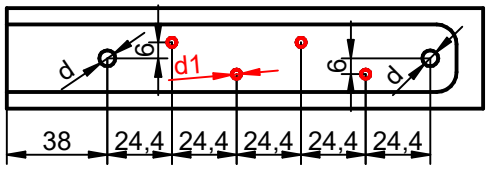


im Riegel

Ausfräsen und vorbohrungen

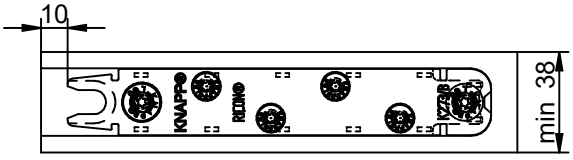


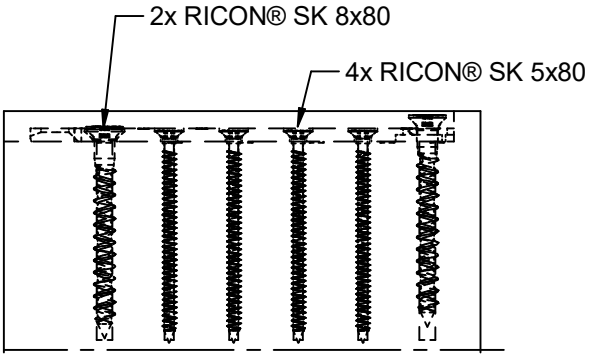
Nadelholz: d...Ø 5mm, 30mm tief vorbohren



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

Verschraubung

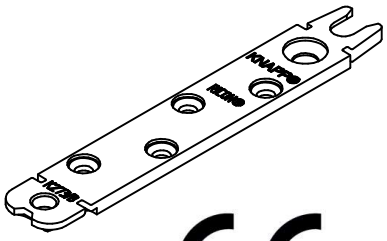




Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 27. 07. 2021

KNAPP® verbinder.com



ETA-10/0189

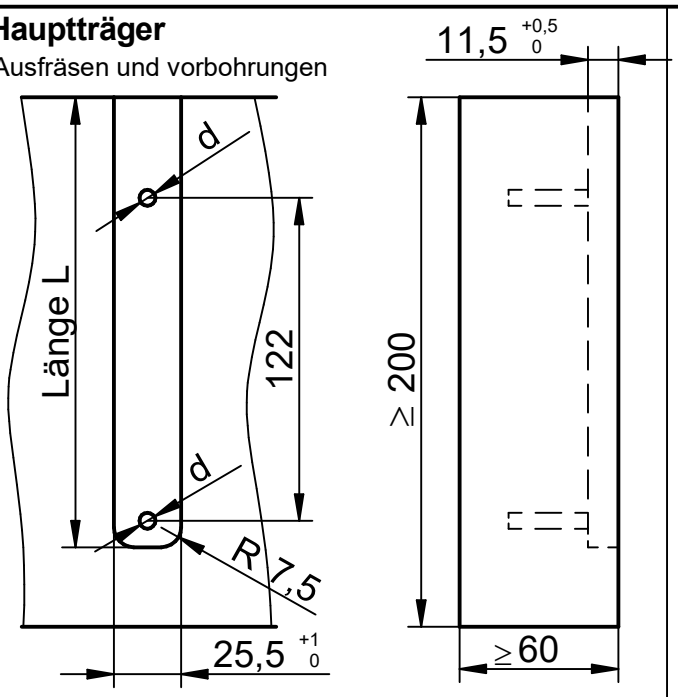
Montageanleitung

RICON® 160/25 - A2

Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung

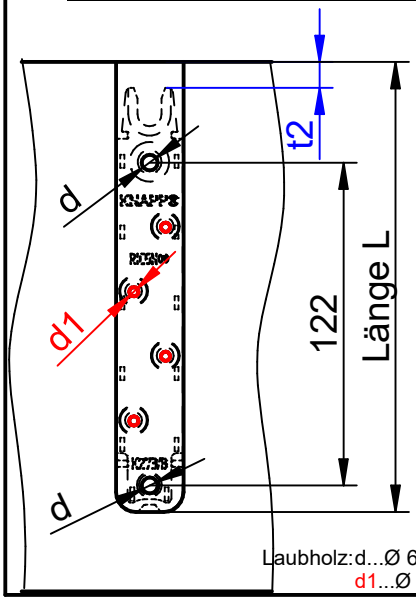
Hauptträger

Ausfräsen und vorbohrungen



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

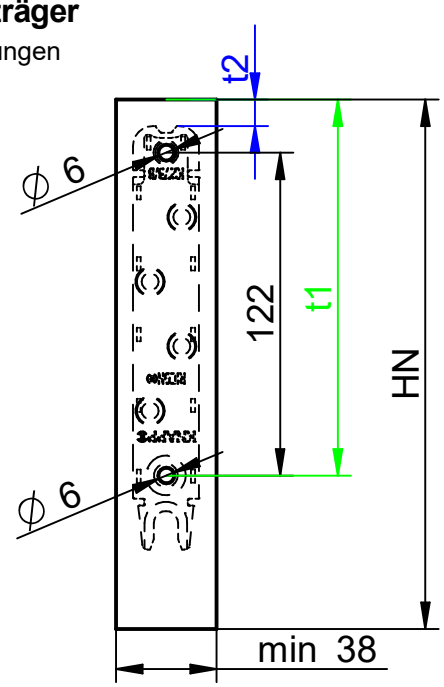
Ausfräslänge L aus dem Haupt- träger in Abhängigkeit der Neben- trägerhöhe HN	
Höhe HN [mm]	Länge L [mm]
200	170
220	190
240	200
260	210
280	230



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

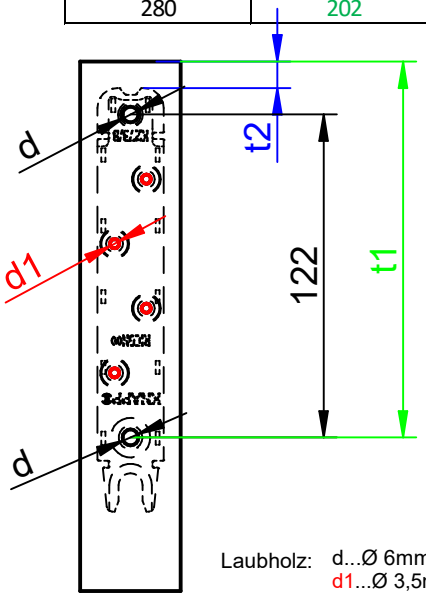
Nebenträger

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]
200	142	10
220	162	30
240	172	40
260	182	50
280	202	70

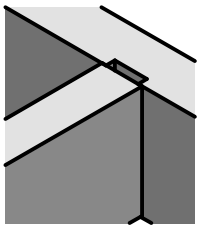


Laubholz: d...Ø 6mm, 75mm tief vorbohren
d1...Ø 3,5mm, 75mm tief vorbohren

Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 27. 07. 2021

KNAPP® verbinder.com



Art. Nr. K273

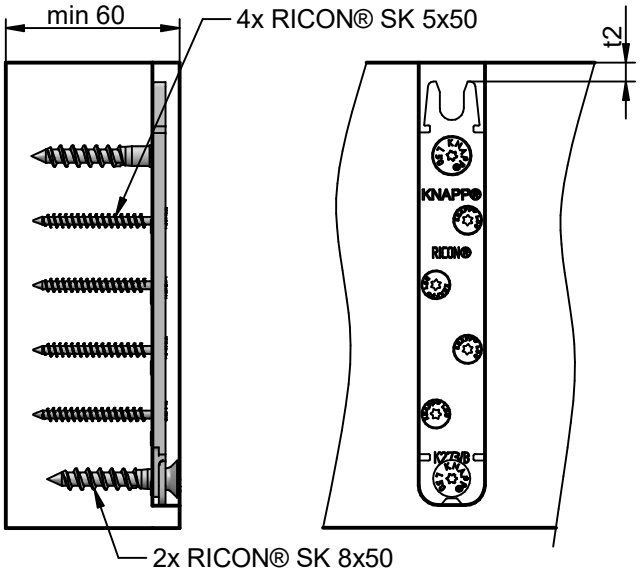
Montageanleitung

RICON® 160/25 EA - A2

Einzelanschluss
Haupt-Nebenträger Verbindung

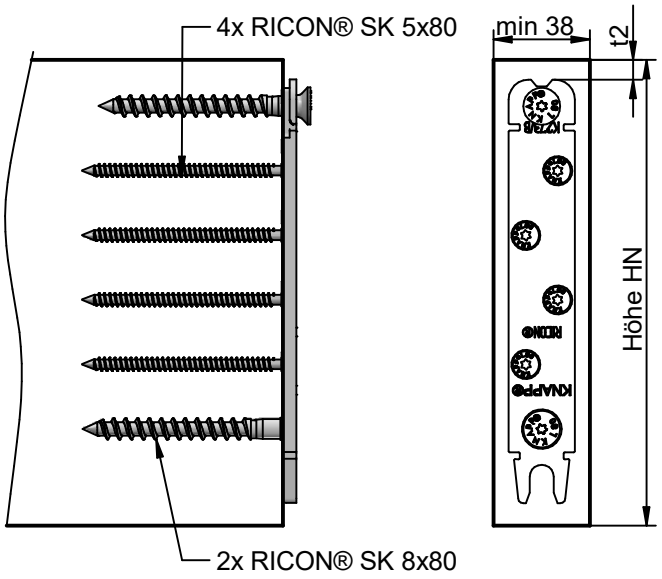
Hauptträger

Verschraubung im Hauptträger



Nebenträger

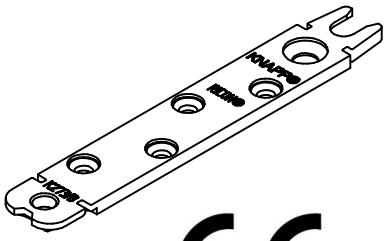
Verschraubung im Nebenträger



Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 27. 07. 2021

KNAPP® verbinder.com



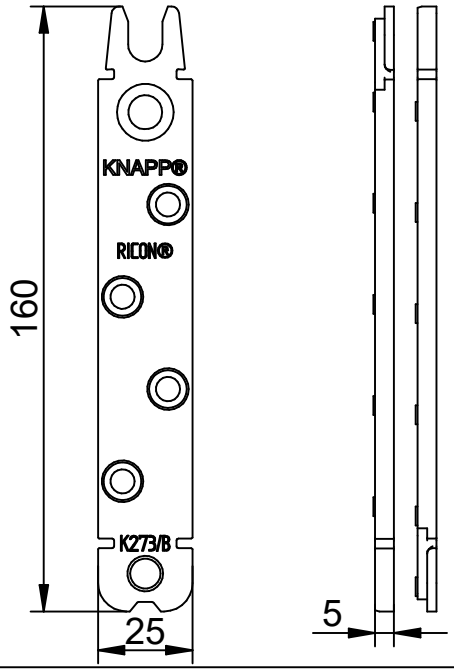
ETA-10/0189

Assembly Instructions

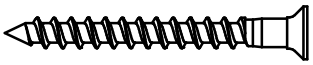
RICON® 160/25 - A2

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

2x RICON® 160/25

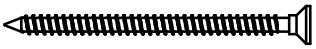


2x RICON® CS 8x80

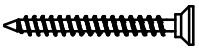


2x RICON® CS 8x50

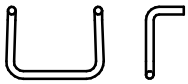
4x RICON® CS 5x80



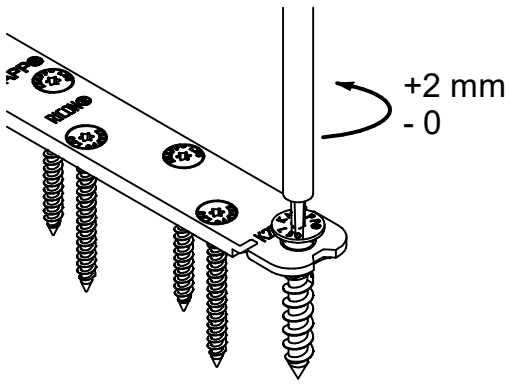
4x RICON® CS 5x50



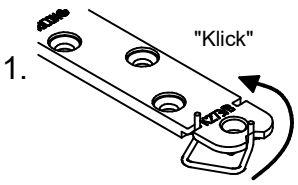
1x RICON® Locking clip

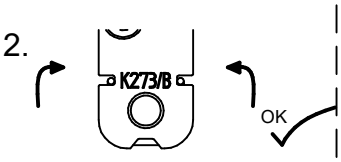


screw depth adjustable

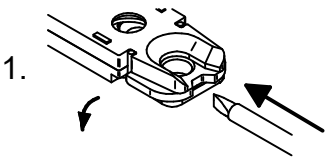


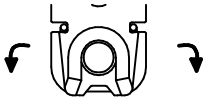
Locking clip assembly

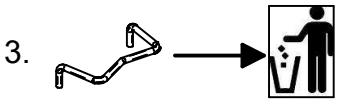




Locking clip removal



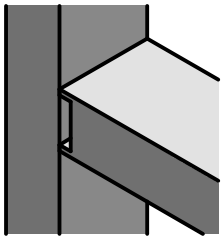




This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 27.07.2021

KNAPP® connectors.com



Assembly Instructions

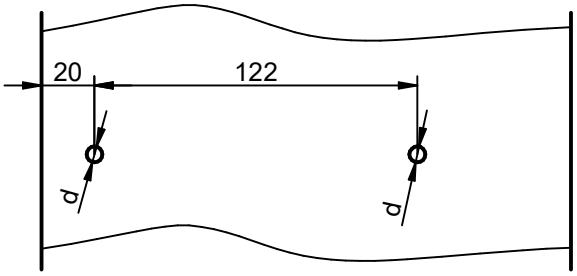
RICON® 160/25 EA - A2

Art. No. K273

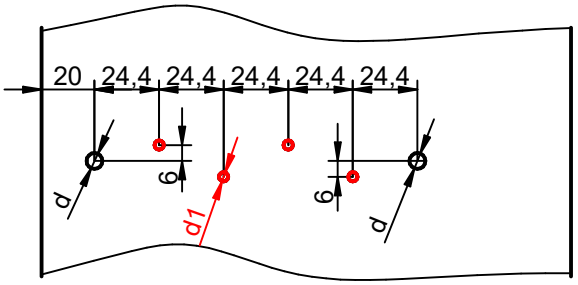
single connection
post and beam

for post

Predrilling

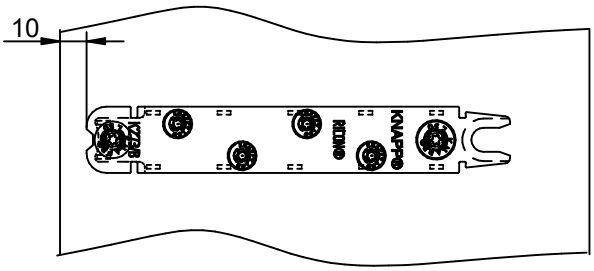


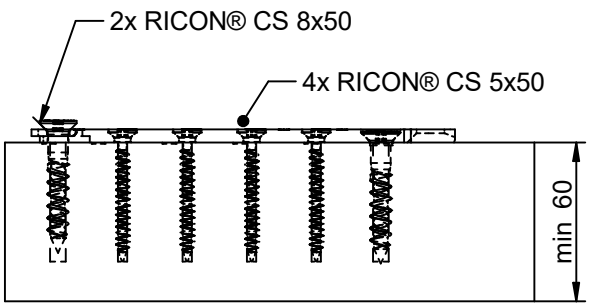
Softwood: d...Ø 5mm, 30mm pre-drilling



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

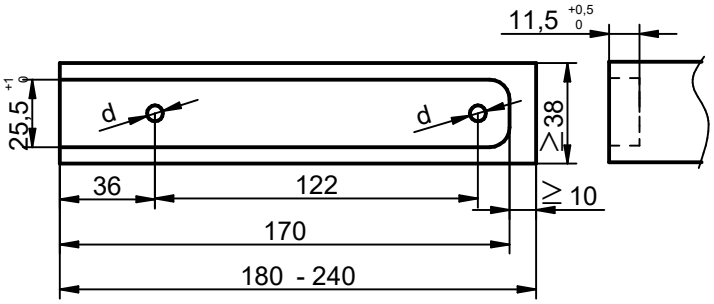
screw pattern for post



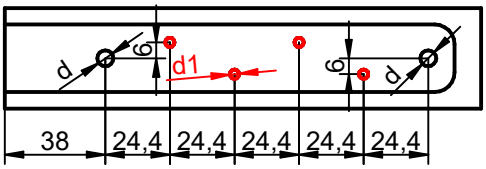


for beam

Milling and predrilling

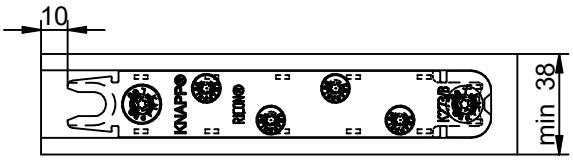


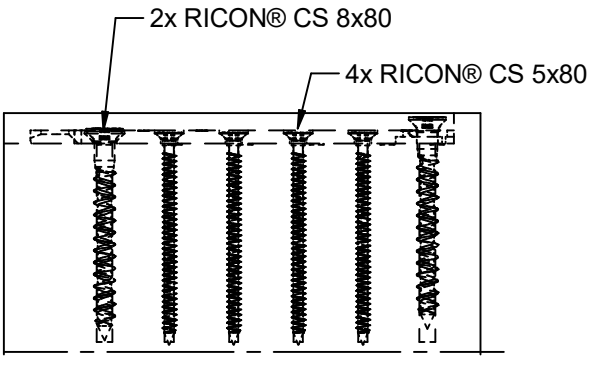
Softwood: d...Ø 5mm, 30mm pre-drilling



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

screw pattern for beam

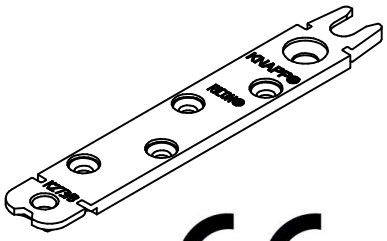




This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 27.07.2021

KNAPP® connectors.com



Assembly Instructions

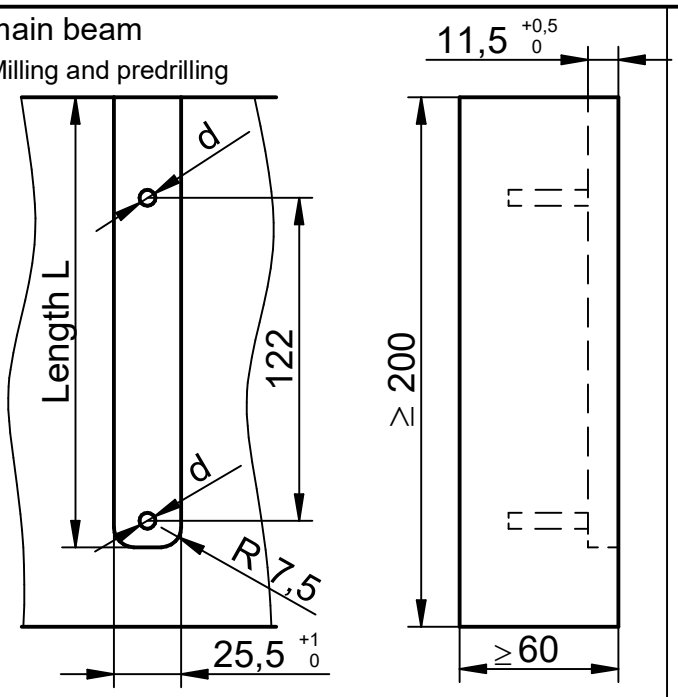
RICON® 160/25 - A2

ETA-10/0189

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

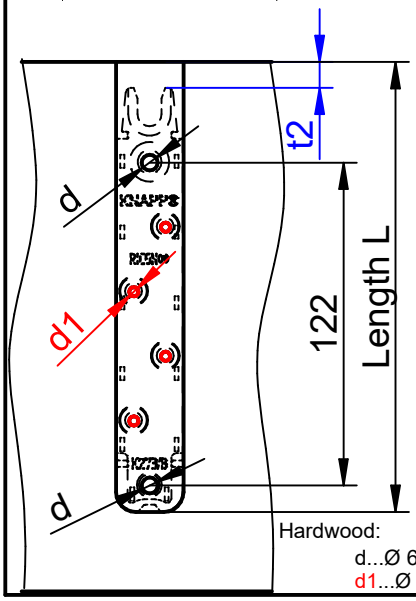
main beam

Milling and predrilling



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

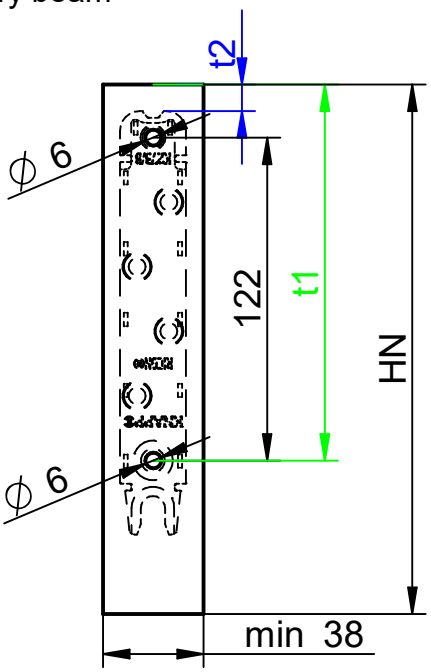
Milling length L form the main beam depending on the beam height HN:	
Height HN [mm]	Length L [mm]
200	170
220	190
240	200
260	210
280	230



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

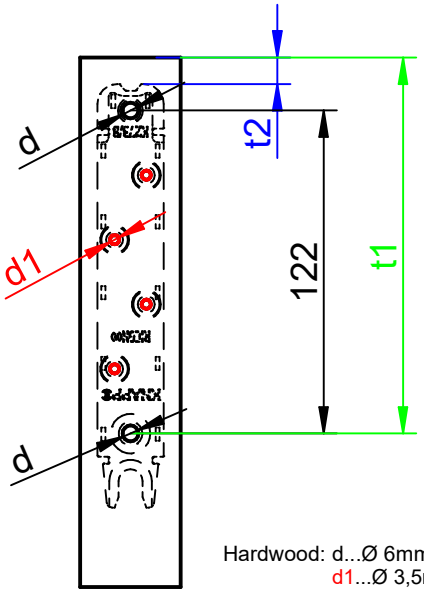
secondary beam

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]
200	142	10
220	162	30
240	172	40
260	182	50
280	202	70

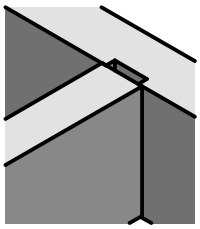


Hardwood: d...Ø 6mm, 75mm pre-drilling
d1...Ø 3,5mm, 75mm pre-drilling

This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 27.07.2021

KNAPP® connectors.com



Art. No. K273

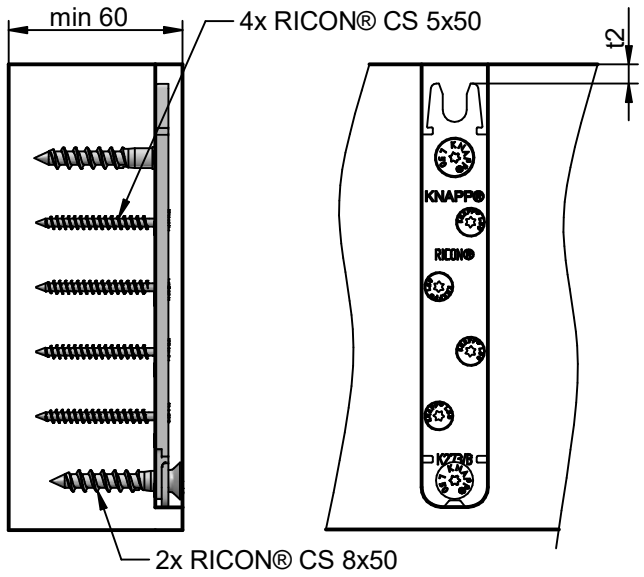
Assembly Instructions

RICON® 160/25 EA - A2

single connection
main beam, secondary beam connection

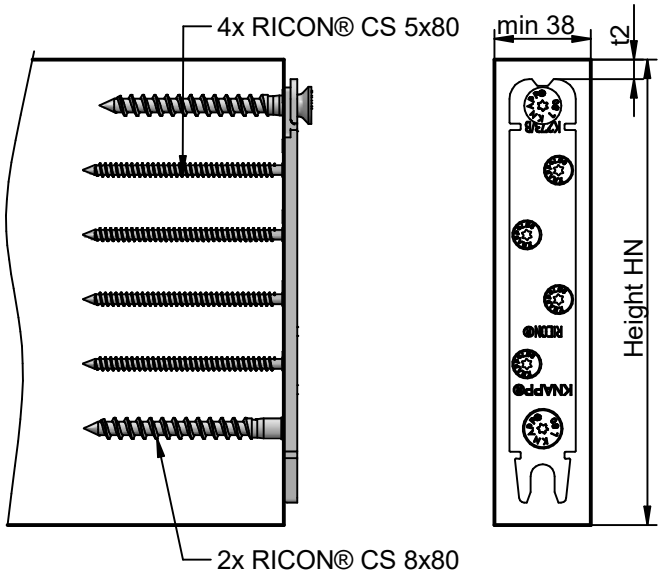
main beam

screw pattern for main beam



secondary

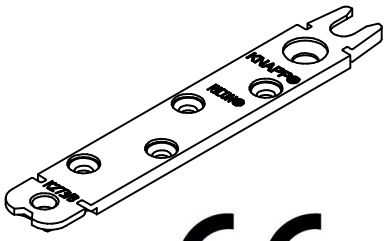
screw pattern for secondary beam



This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 27.07. 2021

KNAPP® connectors.com



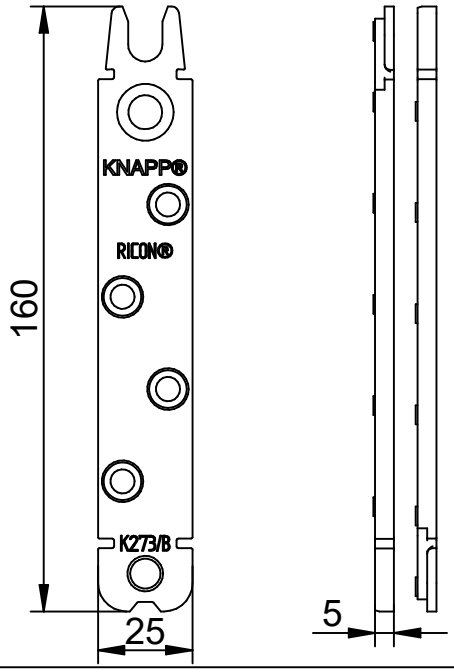
ETA-10/0189

Notice de montage

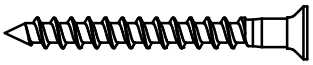
RICON® 160/25 - A2

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

2 vis RICON® 160/25



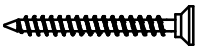
2 vis RICON® TF 8x80



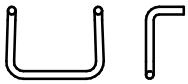
2 vis RICON® TF 8x50

4 vis RICON® TF 5x80

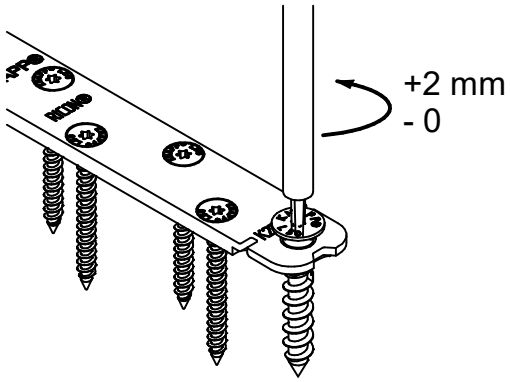
4 vis RICON® TF 5x50



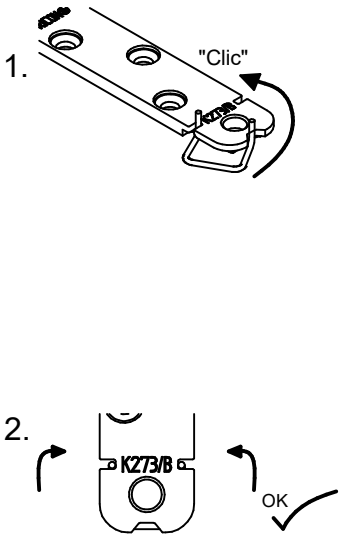
1 goupille de verrouillage



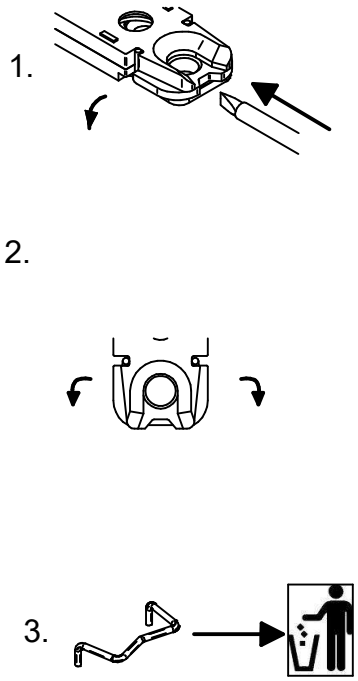
Réglage de la vis d'accroche



Mise en place de la goupille



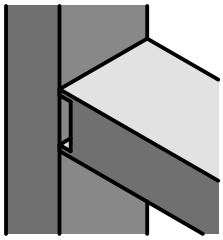
Déverrouillage de la goupille



Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 27. 07. 2021

KNAPP®
connectors.com



Notice de montage

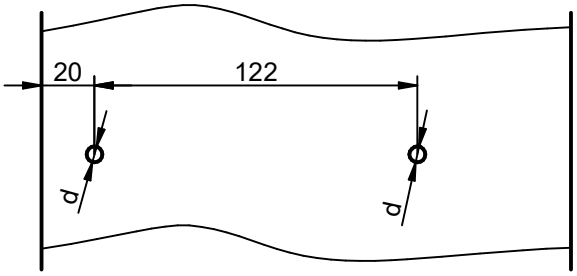
RICON® 160/25 EA - A2

Réf. K273

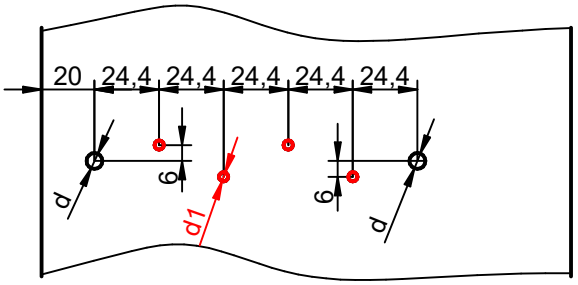
Assemblage simple
Jonctions poteaux - traverses

Poteau

Perçage

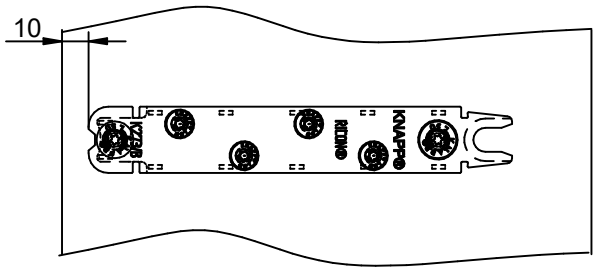


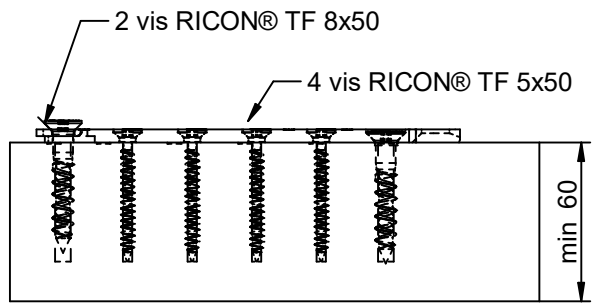
Résineux : pré-percer d...Ø 5mm, prof. 30mm



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

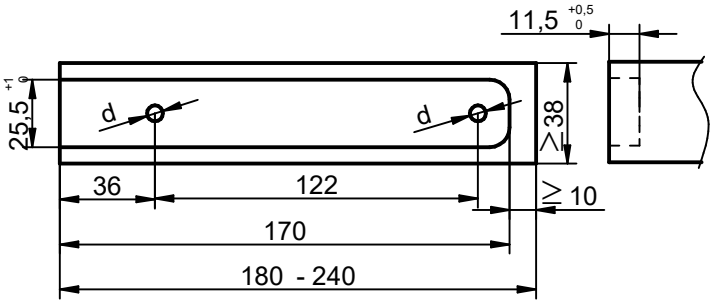
vissage



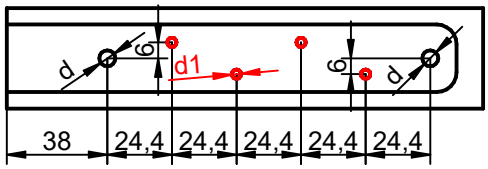


Traverse

Fraisage et perçage

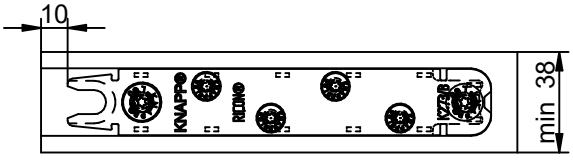


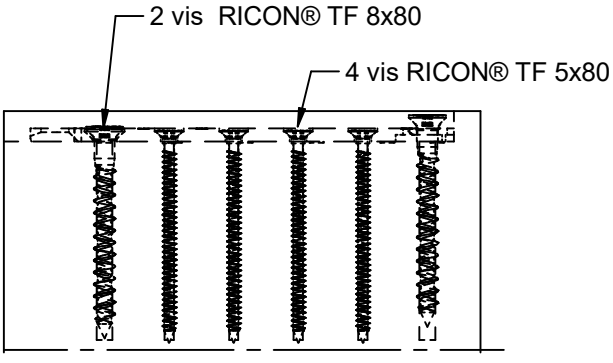
Résineux : pré-percer d...Ø 5mm, prof. 30mm



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

vissage

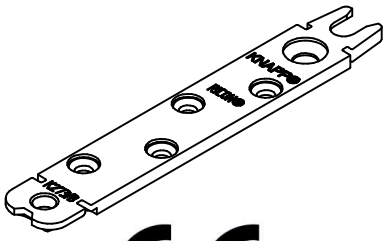




Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 27. 07. 2021

KNAPP® connectors.com



Notice de montage

RICON® 160/25 - A2

CE

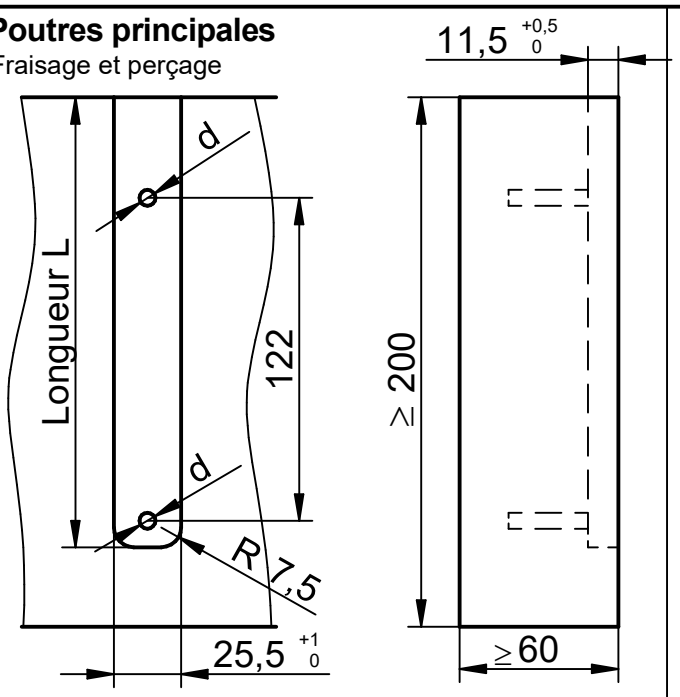
ETA-10/0189

Connecteur inox pour jonctions poutres principales - secondaires

avec Évaluation Technique Européenne (ETA)

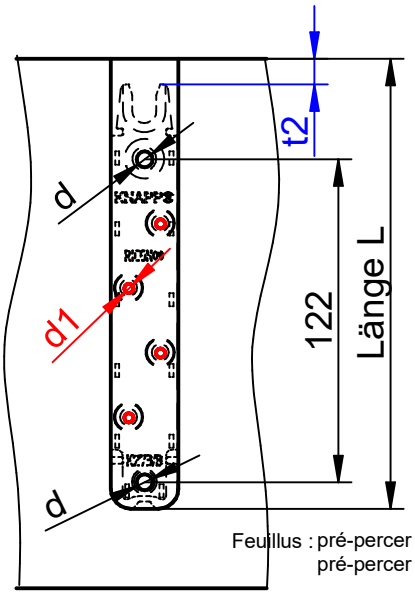
Poutres principales

Fraisage et perçage



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

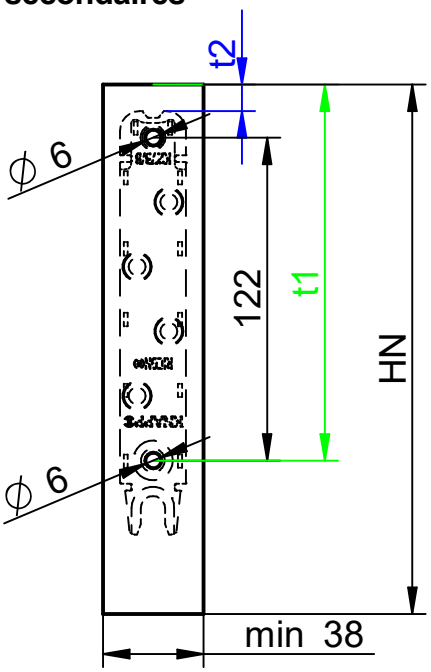
Longueur de fraisage L sur poutre principale en relation avec la hauteur de la poutre secondaire HN	
Hauteur HN [mm]	Longueur L [mm]
200	170
220	190
240	200
260	210
280	230



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

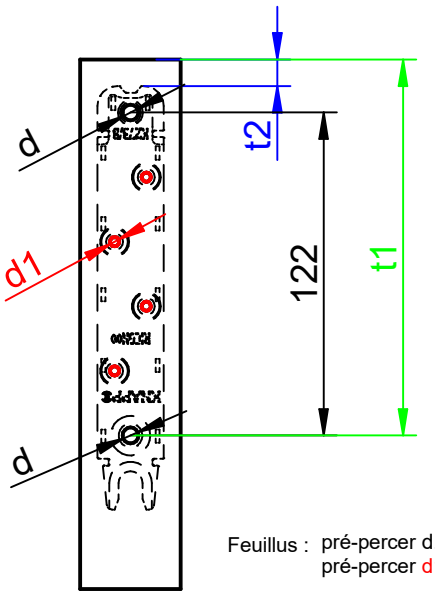
Poutres secondaires

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]
200	142	10
220	162	30
240	172	40
260	182	50
280	202	70

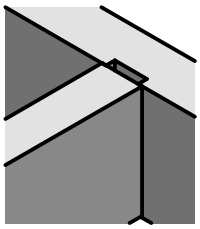


Feuillus : pré-percer d...Ø 6mm, prof. 75mm
pré-percer d1...Ø 3,5mm, prof. 75mm

Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 27. 07. 2021

KNAPP®
connectors.com



Notice de montage

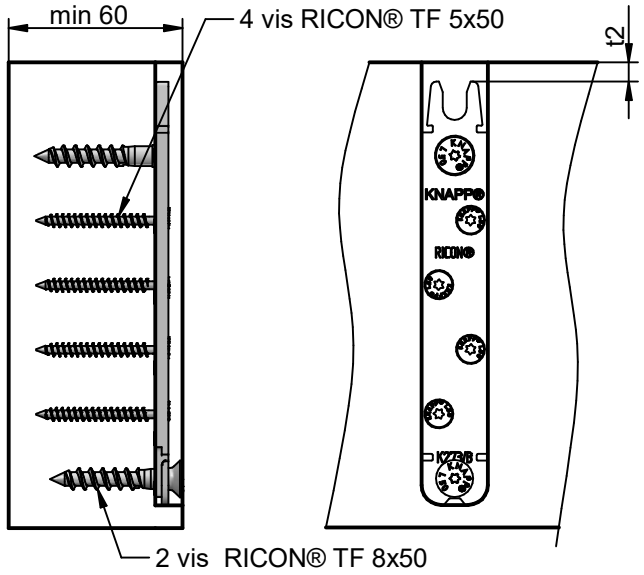
RICON® 160/25 EA - A2

Réf. K273

Assemblage simple
Jonctions poutres principales - secondaires

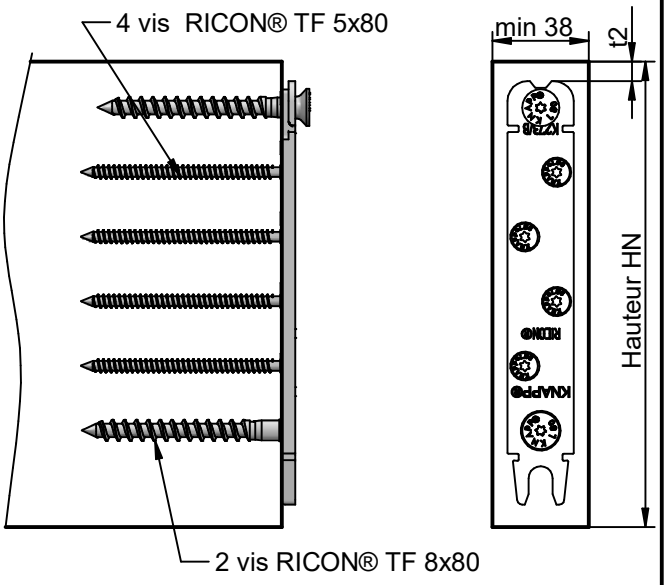
Poutres principales

Détail du vissage sur la poutre principale



Poutres secondaires

Détail du vissage sur la poutre secondaire



Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 27. 07. 2021

KNAPP® connectors.com

KNAPP®
connectors.com

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