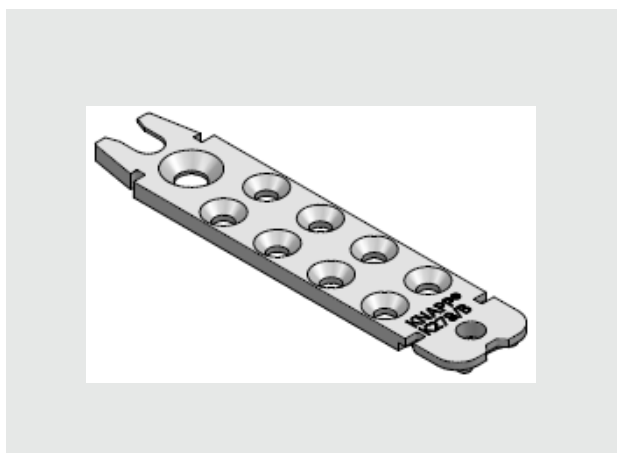
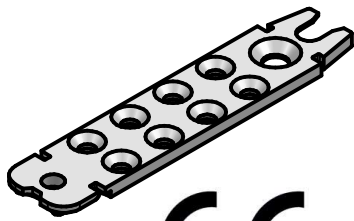




Art.-Nr.

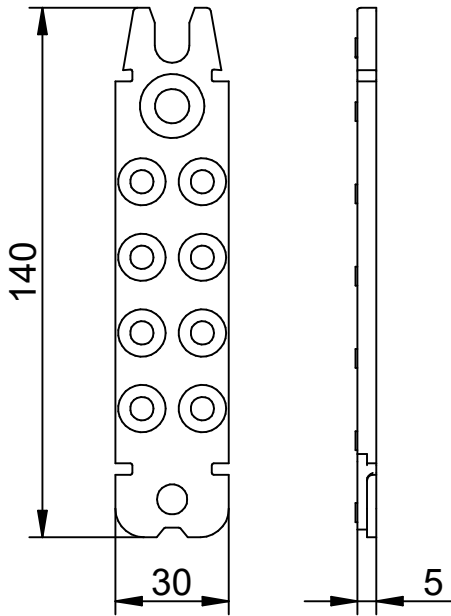


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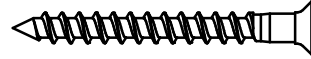
Montageanleitung RICON® 140/30 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

RICON® 140/30



RICON® SK Scr 8x80



RICON® SK Scr 8x50



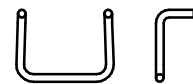
RICON® SK Scr 5x80



RICON® SK Scr 5x50



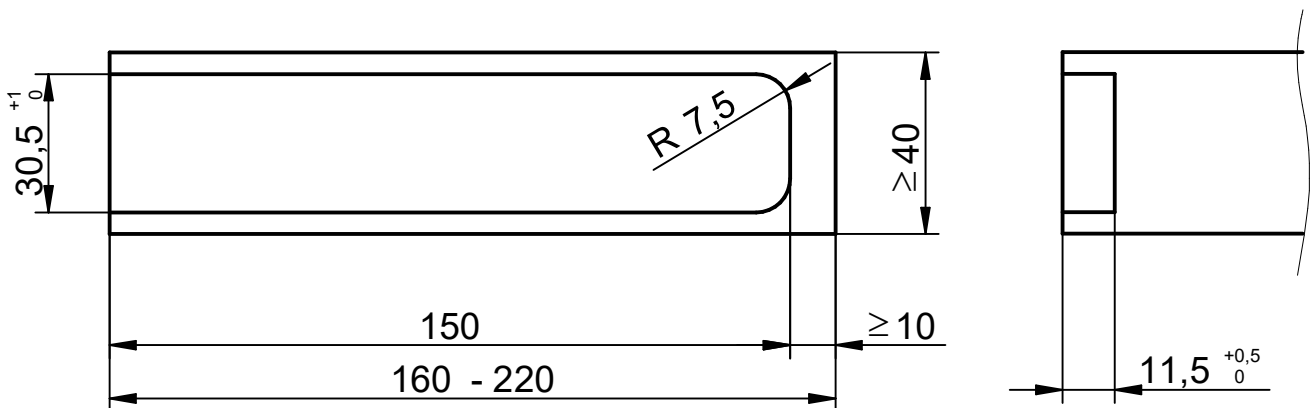
RICON® Sperrbügel / locking clip

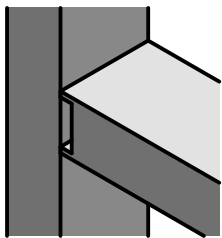


Einzelanschluss

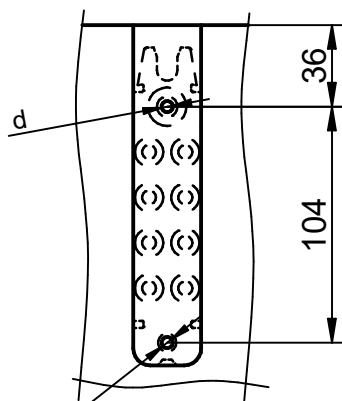
Pfosten-Riegelverbindung

Riegel Fräsbild





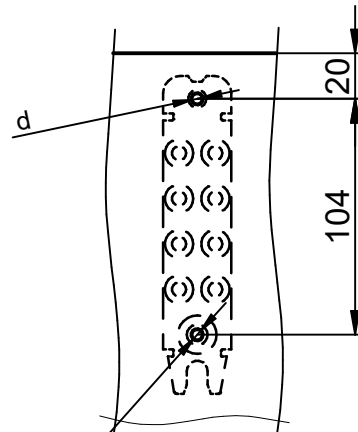
Vorbohrungen im Riegel



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

Laubholz: d...Ø 6mm, 75mm tief vorbohren

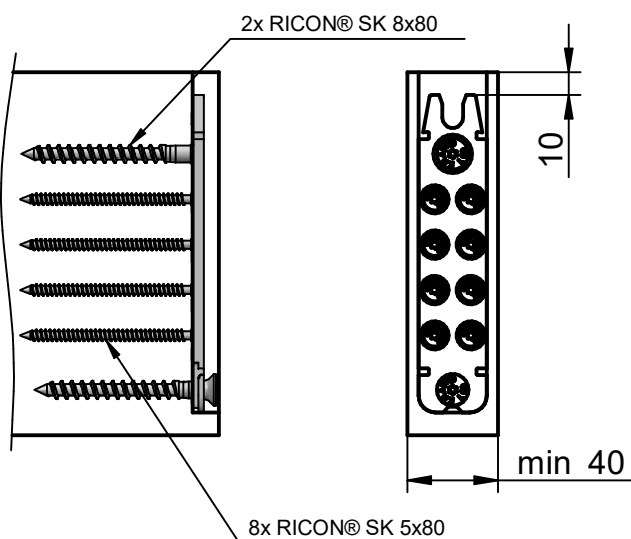
Vorbohrungen im Pfosten



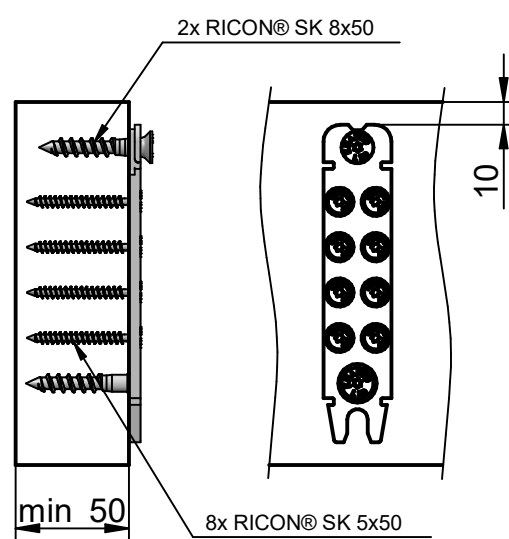
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

Laubholz: d...Ø 6mm, 45mm tief vorbohren

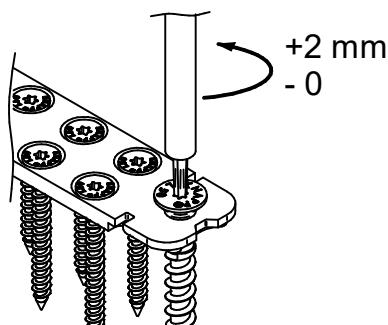
Verschraubung im Riegel



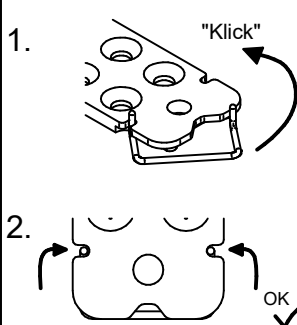
Verschraubung im Pfosten



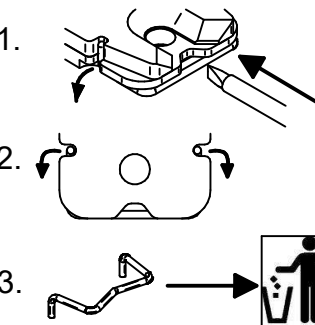
Justierbare Halteschraube

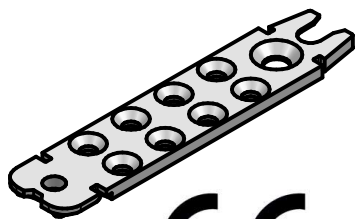


Sperrbügel einlegen



Sperrbügel lösen

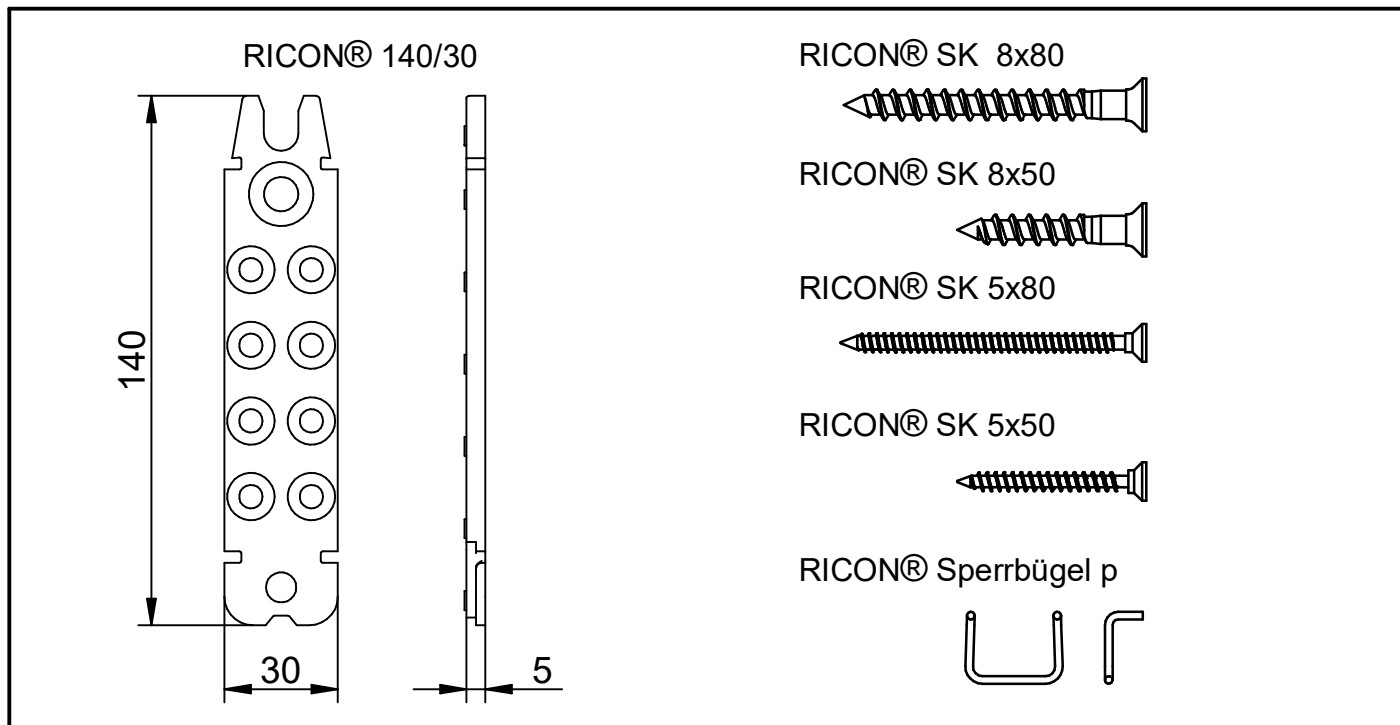




ETA-10/0189

Montageanleitung RICON® 140/30 - A2

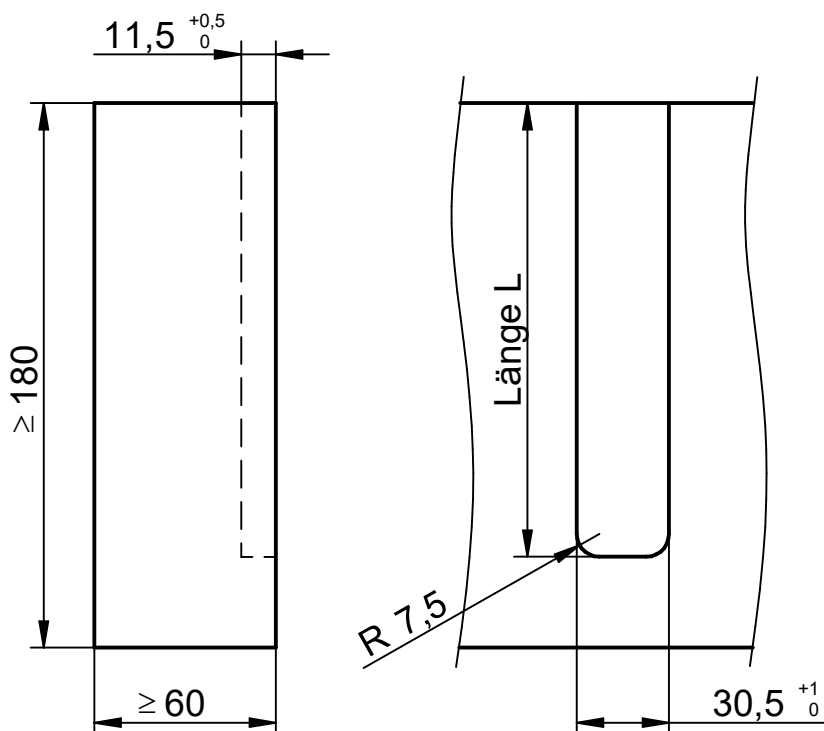
**Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung**



Einzelanschluss

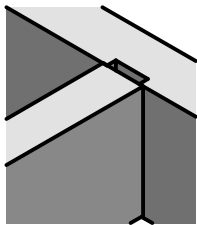
Haupt-Nebenträgerverbindung

Hauptträger Fräsbild



Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Länge L [mm]
180	150
200	170
220	180
240	190
260	210

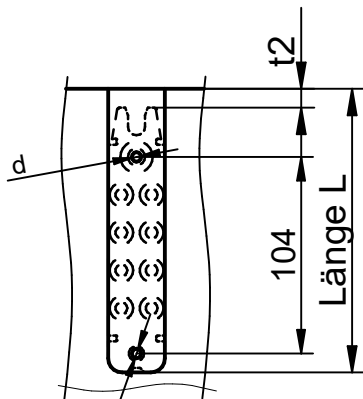


RICON® 140/30 EA - A2

Art. Nr. K278

Einzelanschluss
Haupt-Nebenträger Verbindung

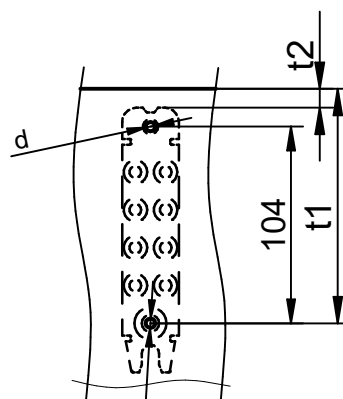
Vorbohrungen im Hauptträger



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

Laubholz: d...Ø 6mm, 45mm tief vorbohren

Vorbohrungen im Nebenträger



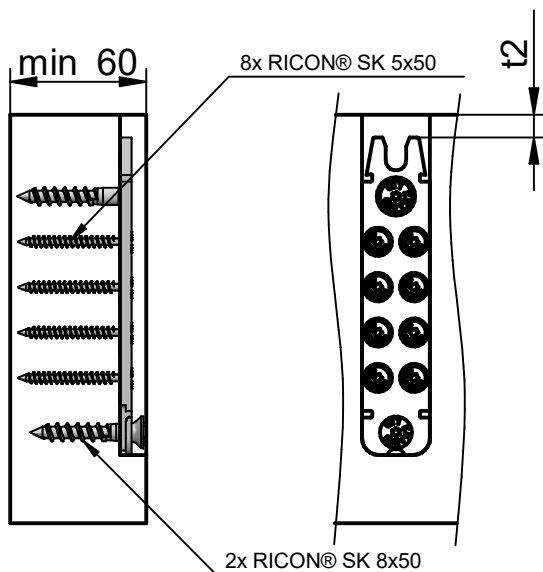
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

Laubholz: d...Ø 6mm, 75mm tief vorbohren

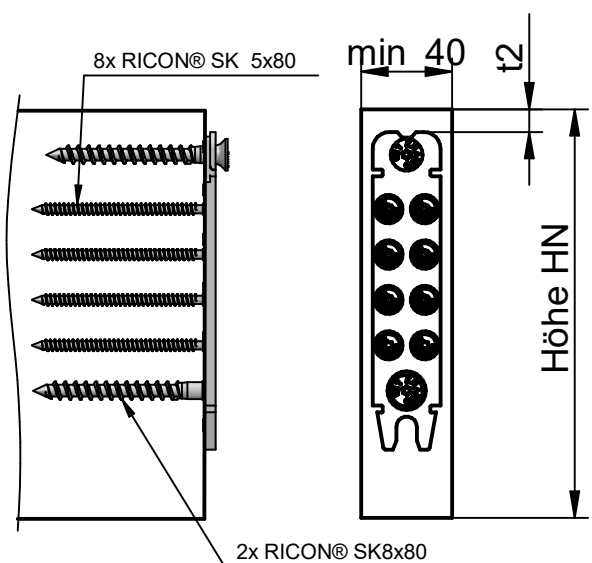
Einbohrmaße t1 und Abstandsmaß t2 in
Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
180	124	10
200	144	30
220	154	40
240	164	50
260	184	70

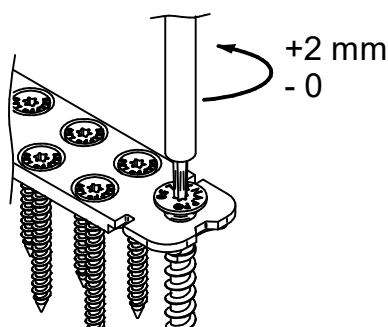
Verschraubung im Hauptträger



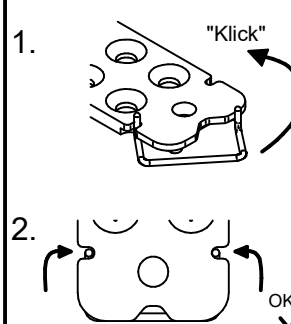
Verschraubung im Nebenträger



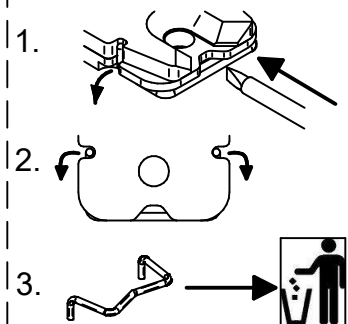
Justierbare Halteschraube



Sperrbügel einlegen

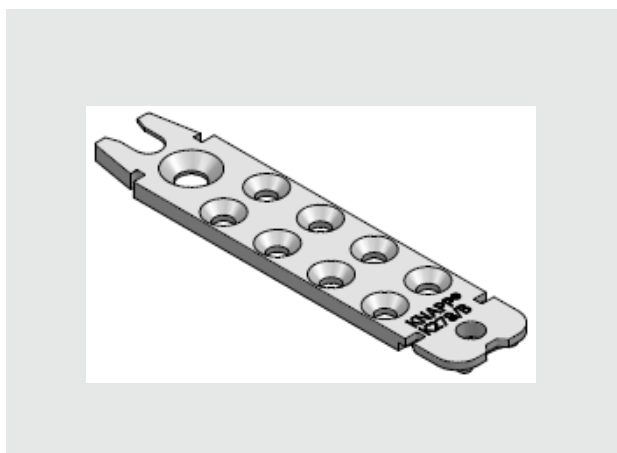


Sperrbügel lösen

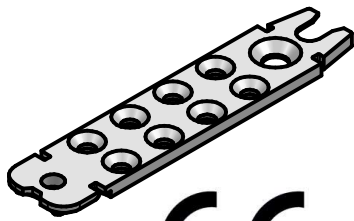




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Knapp GmbH ■ Vertrieb Deutschland ■ Föhrenweg 1 ■ D-85591 Vaterstetten ■ Tel.: +49 (0)8106 / 99 55 99 0 ■ Fax: +49 (0)8106 / 99 55 99 20 ■ E-Mail: info@knapp-verbinder.com
Knapp GmbH Sàrl ■ Filiale France ■ 1A Rue du Stade ■ F - 67880 Innenheim Tel.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



Art.-No.

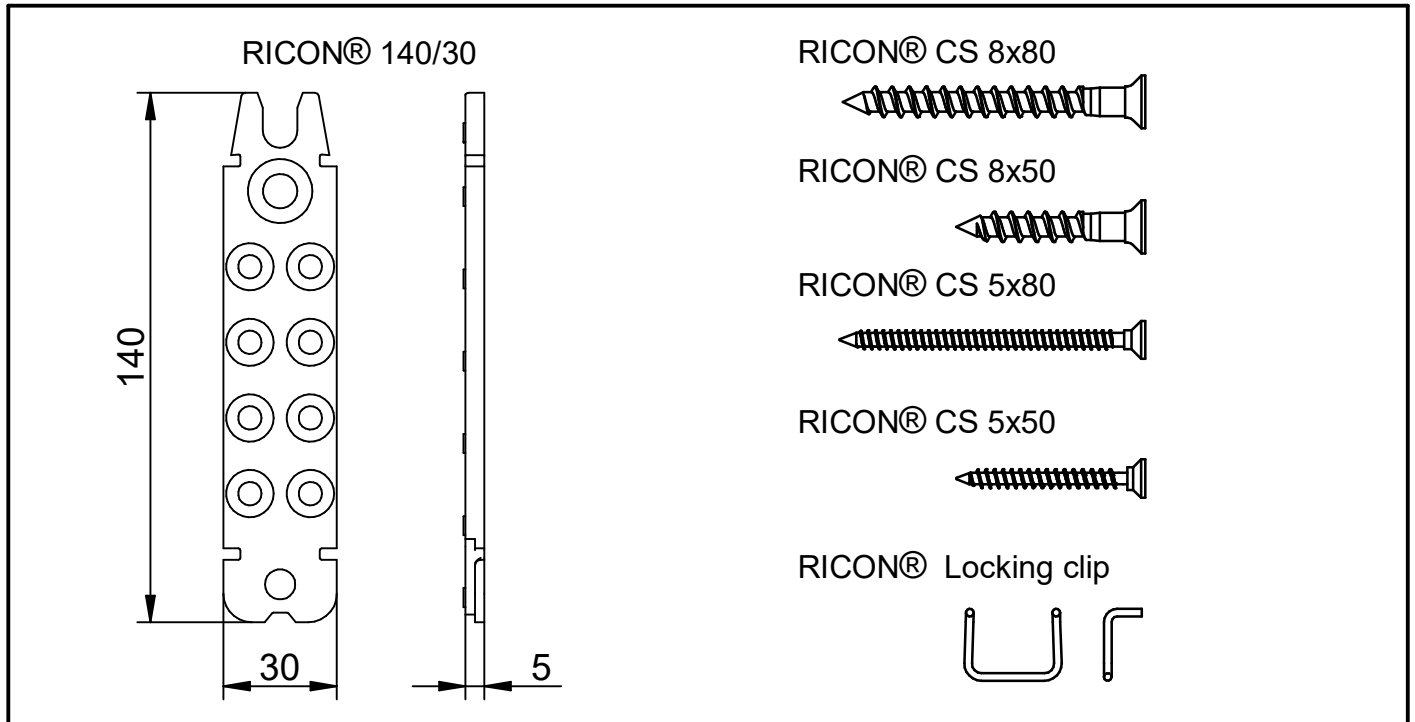


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Construction Manual

RICON® 140/30 - A2

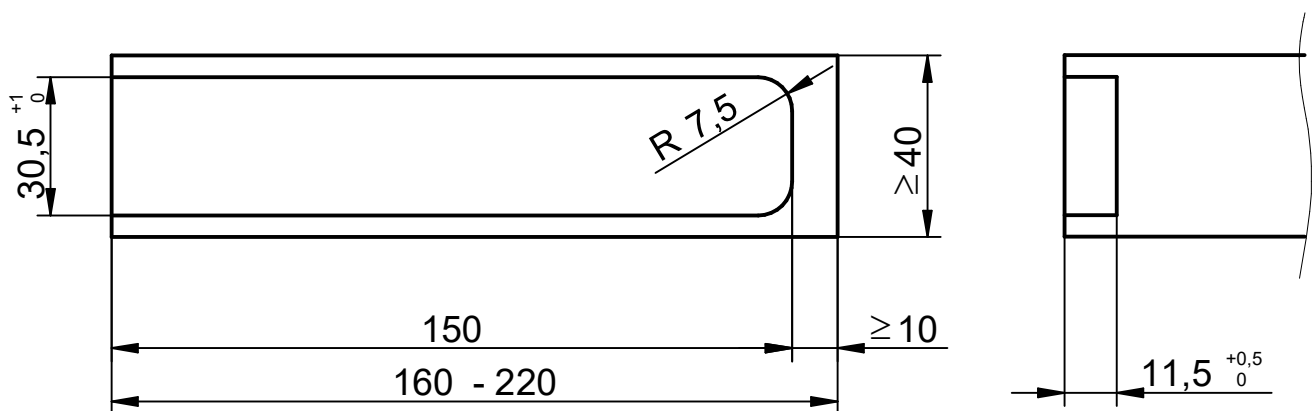
post and beam connection in stainless steel
with ETA (European Technical Assessment) CE marking

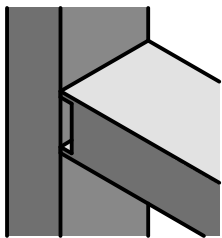


single connection

post and beamconnection

Milling pattern Beam



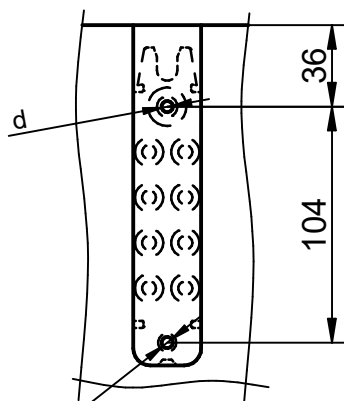


RICON® 140/30 EA - A2

Art. No. K278

single connection
post and beam

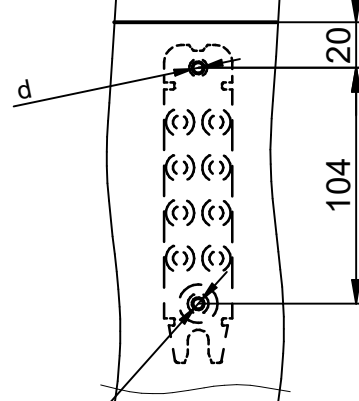
drilling pattern for beam



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

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

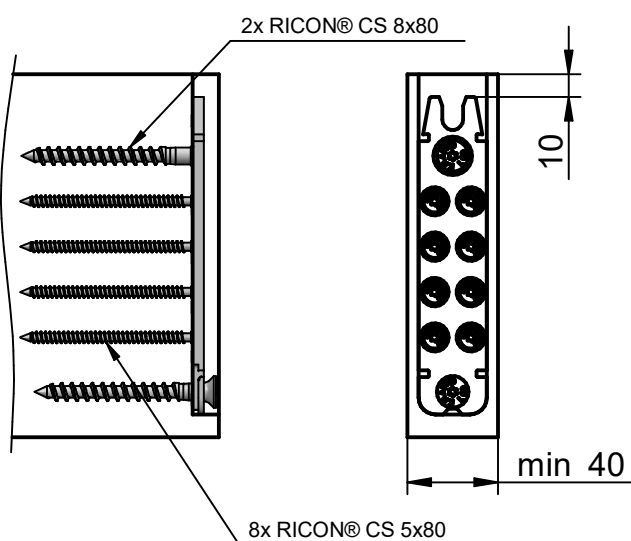
drilling pattern for post



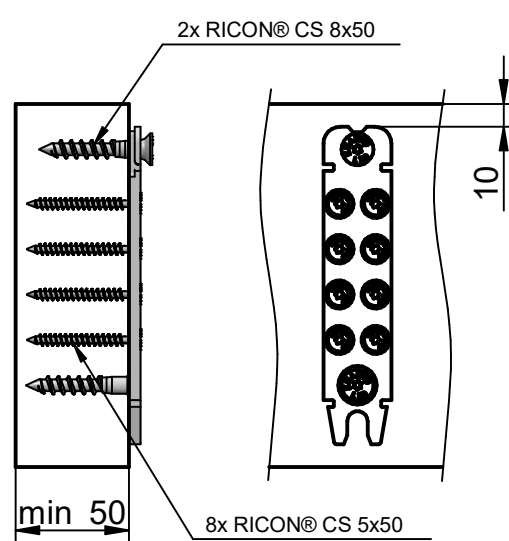
Softwood: d...Ø 5mm, 30mm pre-drilling

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

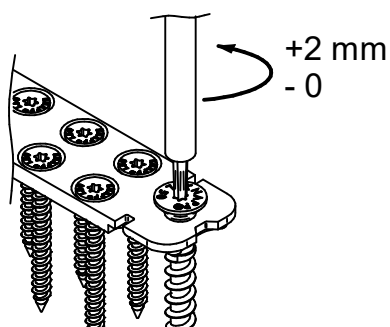
screw pattern for beam



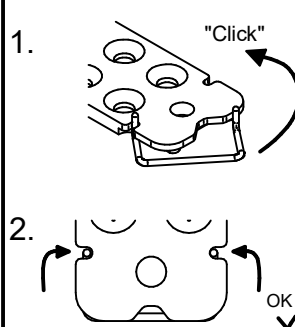
screw pattern for post



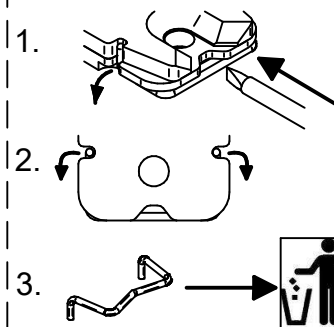
screw depth adjustable

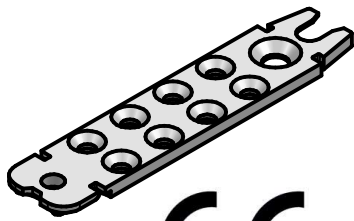


Locking clip assembly



Locking clip removal



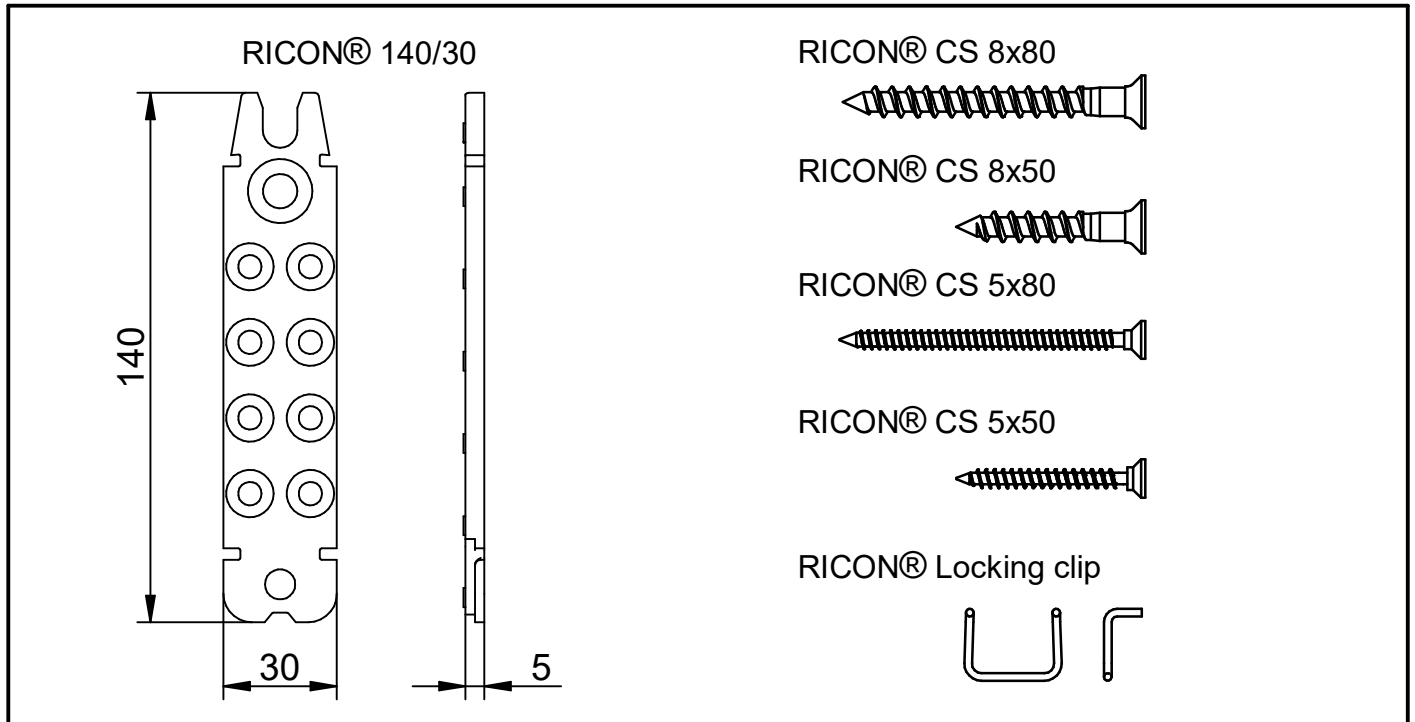


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Construction Manual

RICON® 140/30 - A2

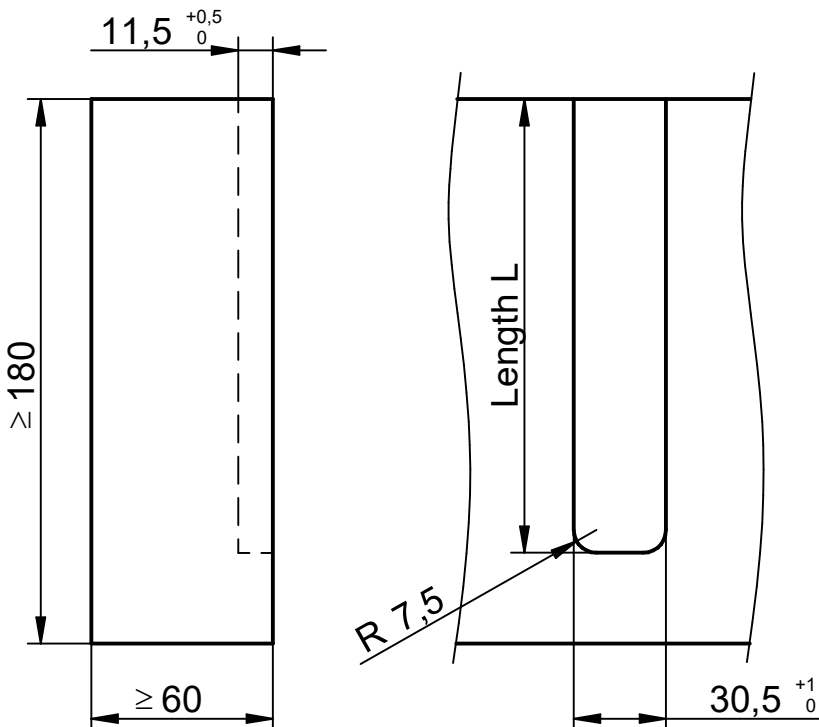
main beam, secondary beam connection in stainless steel
with ETA (European Technical Assessment) CE marking



single connection

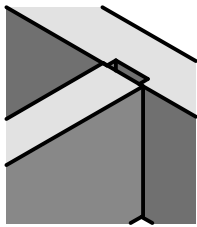
main beam, secondary beam connection

Milling pattern main beam



Milling length L from the main beam
depending on the beam height HN:

Height HN [mm]	Length L [mm]
180	150
200	170
220	180
240	190
260	210

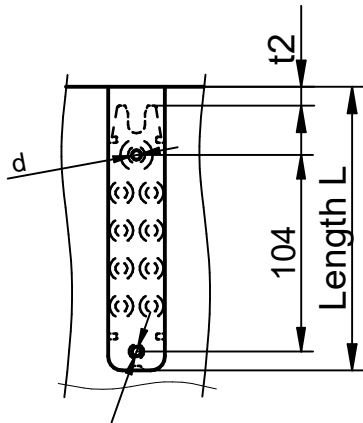


RICON® 140/30 EA - A2

Art. No. K278

single connection
main beam, secondary beam connection

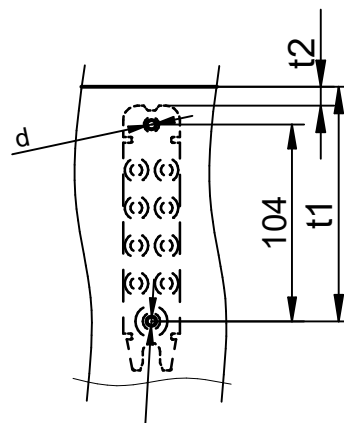
drilling pattern for main beam



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

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

drilling pattern for secondary beam



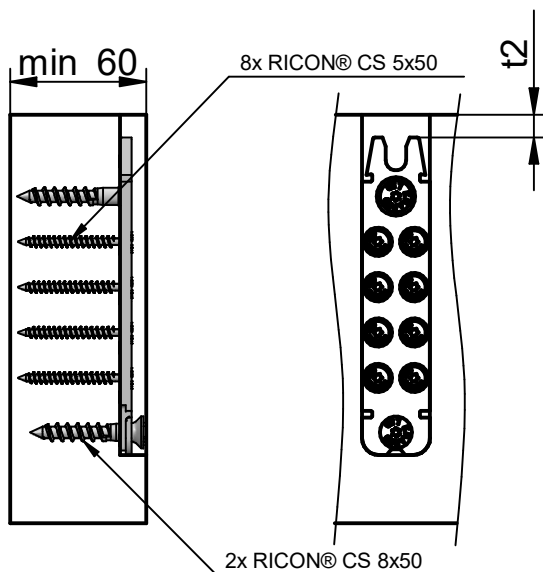
Softwood: d...Ø 5mm, 30mm pre-drilling

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

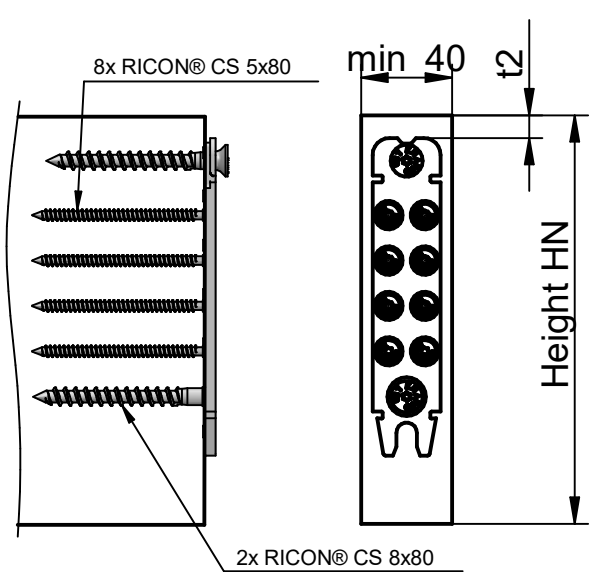
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
180	124	10
200	144	30
220	154	40
240	164	50
260	184	70

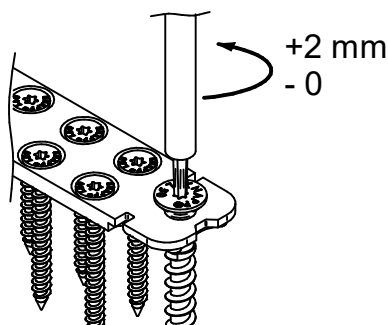
screw pattern for main beam



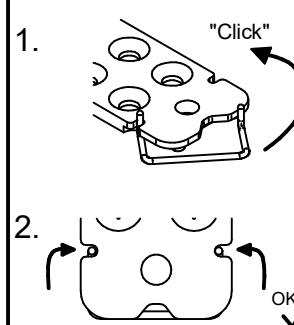
screw pattern for secondary beam



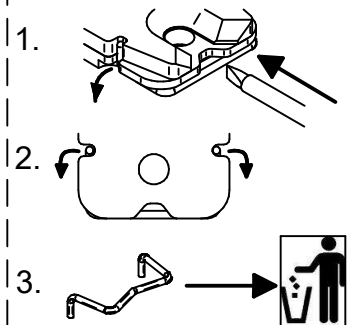
screw depth adjustable



Locking clip assembly

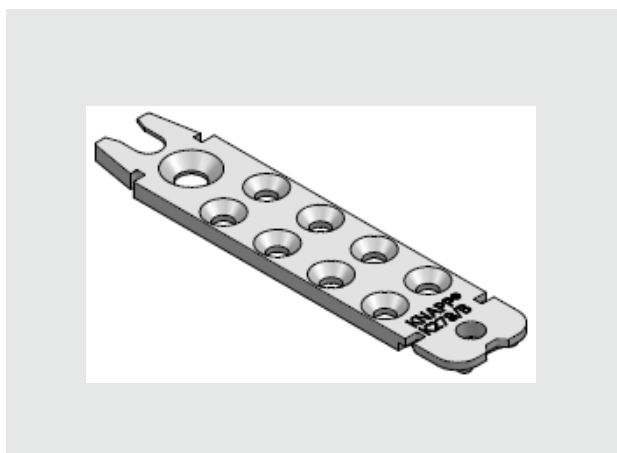


Locking clip removal

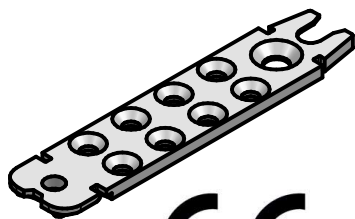




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Knapp GmbH ■ Vertrieb Deutschland ■ Föhrenweg 1 ■ D-85591 Vaterstetten ■ Tel.: +49 (0)8106 / 99 55 99 0 ■ Fax: +49 (0)8106 / 99 55 99 20 ■ E-Mail: info@knapp-verbinder.com
Knapp GmbH Sàrl ■ Filiale France ■ 1A Rue du Stade ■ F - 67880 Innenheim Tel.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



Réf.

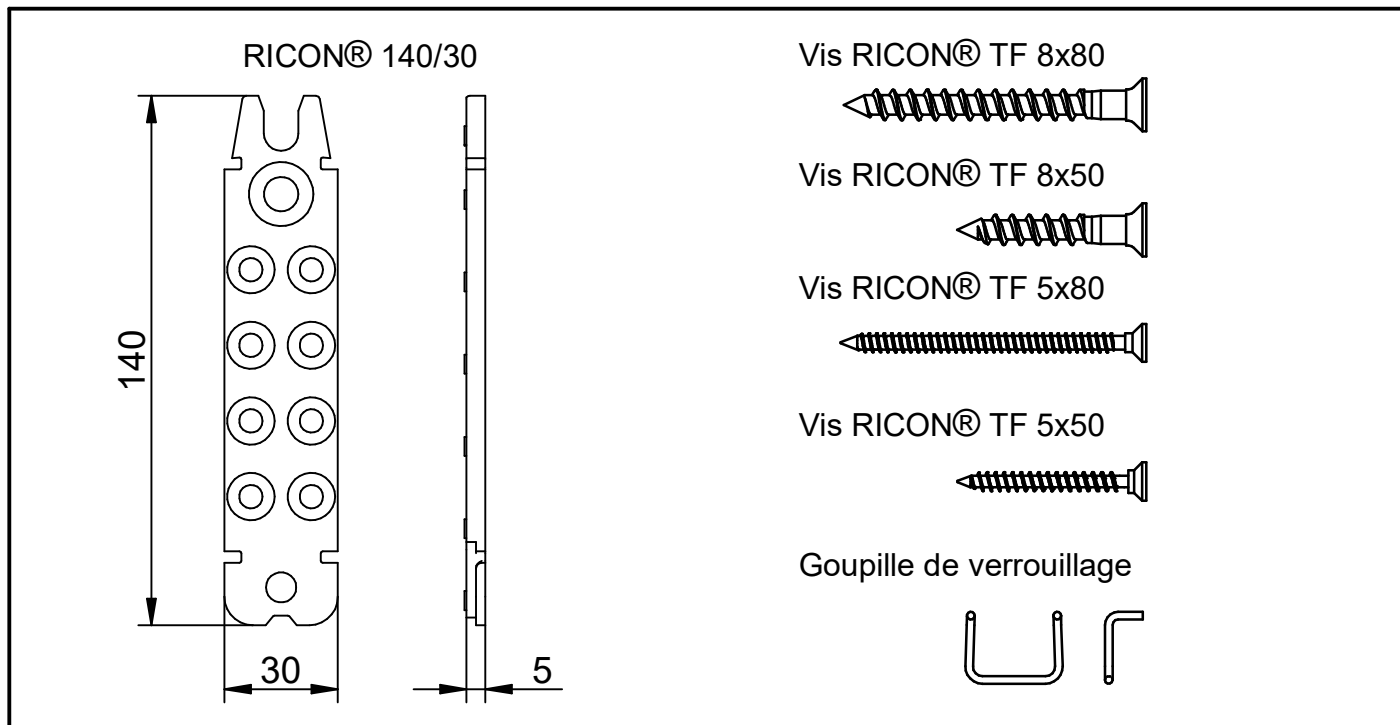


ETA-10/0189

Notice de montage

RICON® 140/30 - A2

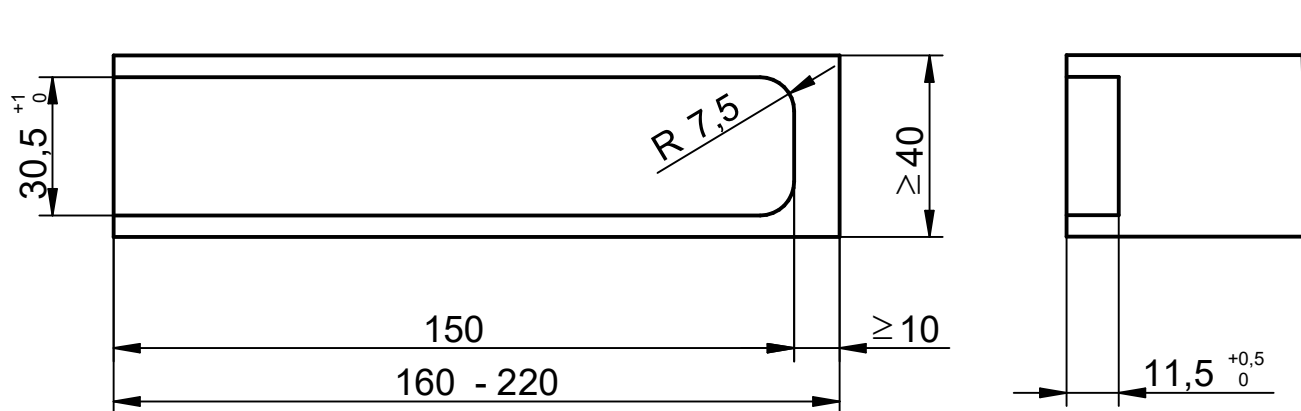
Connecteur inox pour jonctions poteau - traverse
avec Évaluation Technique Européenne (ETA)

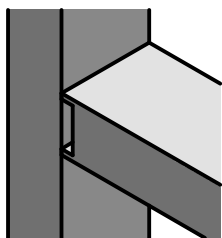


Assemblage simple

Assemblage poteau - traverse

Détails du fraisage traverse



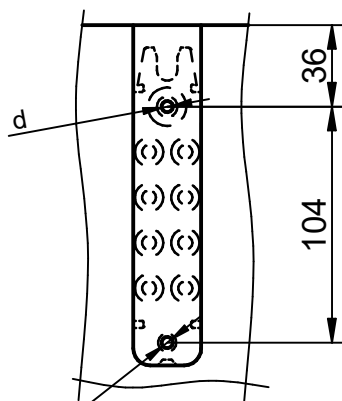


RICON® 140/30 EA - A2

Réf. K278

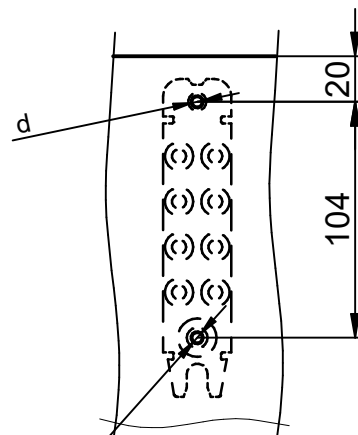
Assemblage simple
Assemblages poteau - traverse

Détail du perçage sur la traverse



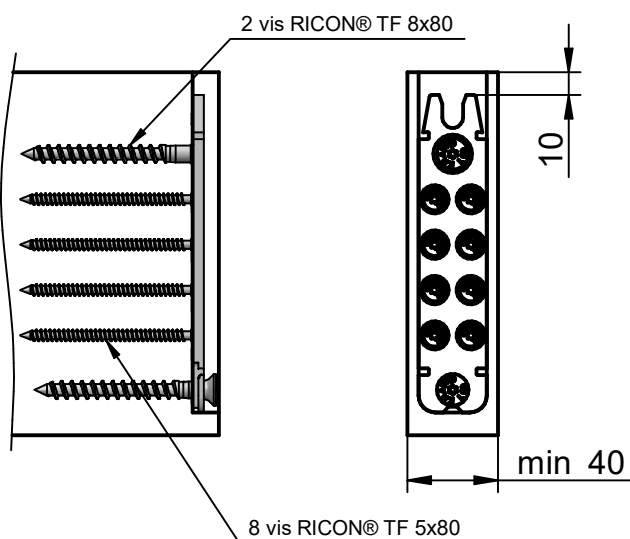
Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

Détail du perçage sur le poteau

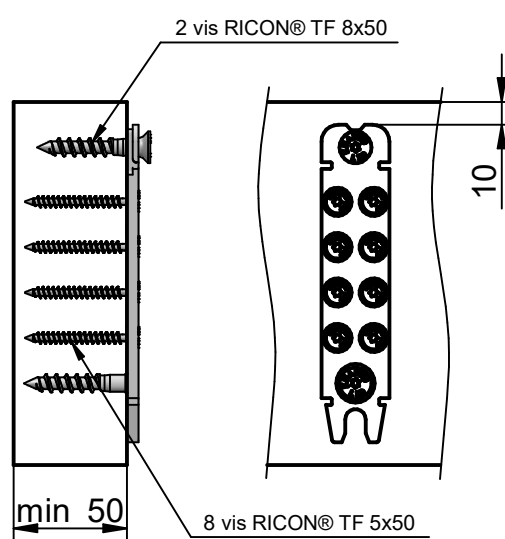


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

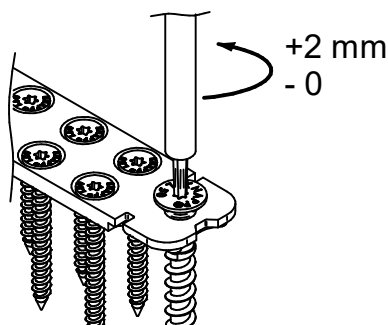
Détail du vissage sur la traverse



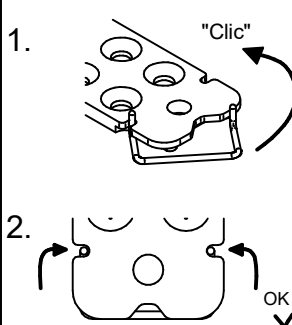
Détail du vissage sur le poteau



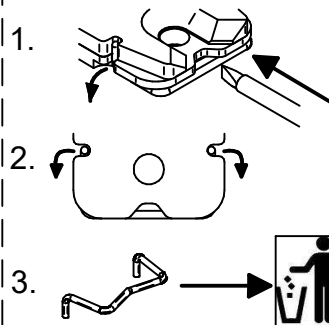
Régler la vis d'accroche

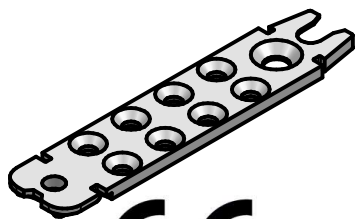


Mettre la goupille en place



Déverrouiller la goupille



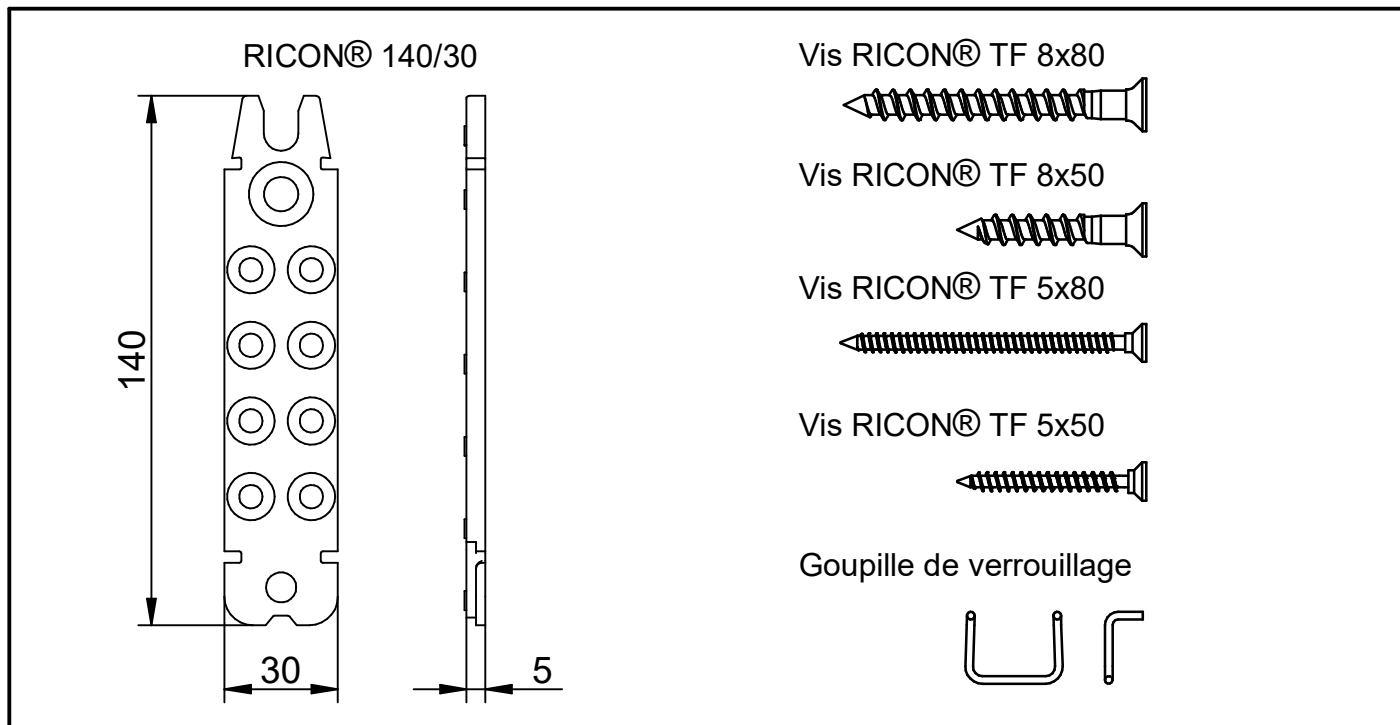


ETA-10/0189

Notice de montage

RICON® 140/30 - A2

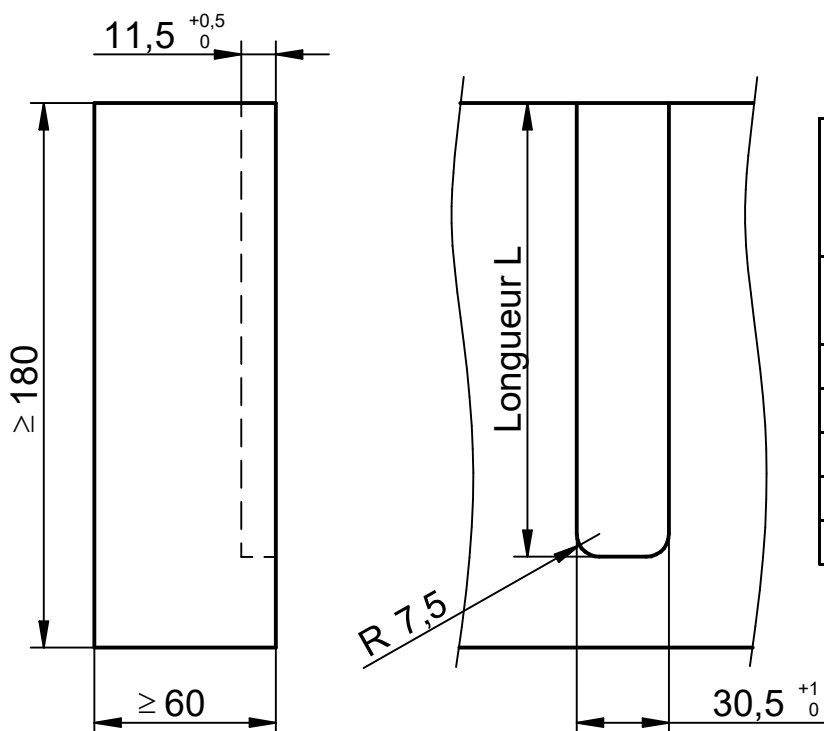
Connecteur inox pour jonctions poutres principale - secondaire
avec Évaluation Technique Européenne (ETA)



Assemblage simple

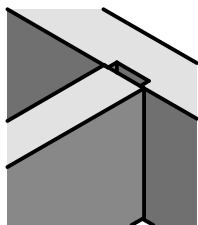
Assemblage poutres principale - secondaire

Détails du fraisage poutre principale



Longueur de fraisage L sur poutre principale en relation avec la hauteur de la poutre secondaire HN

Hauteur HN [mm]	Longueur L [mm]
180	150
200	170
220	180
240	190
260	210



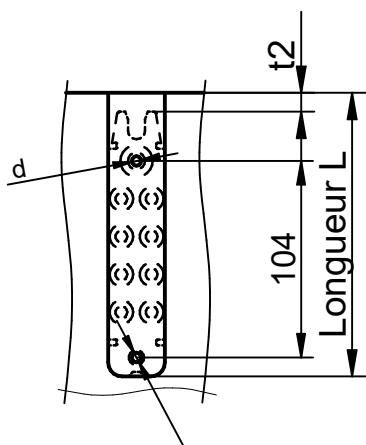
RICON® 140/30 EA - A2

Réf. K278

Assemblage simple

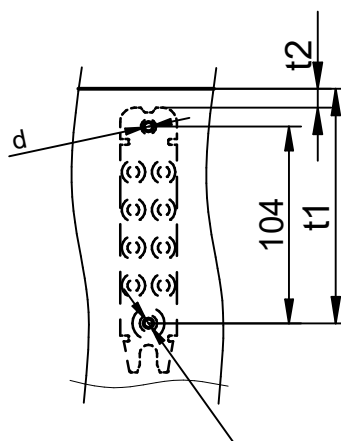
Assemblages poutres principale - secondaire

Détail du perçage sur la poutre principale



Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

Détail du perçage sur la poutre secondaire

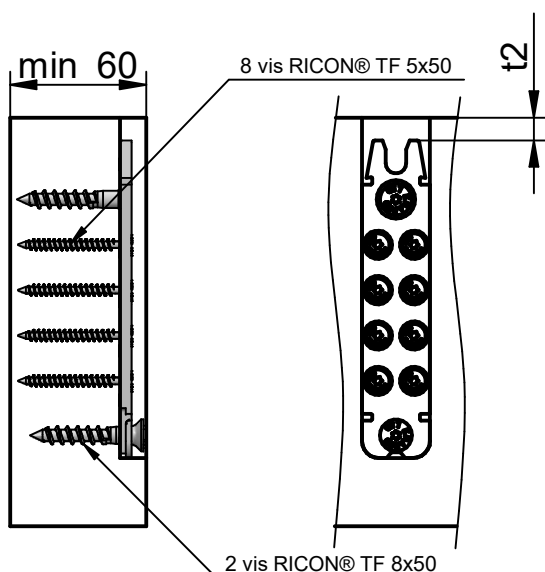


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

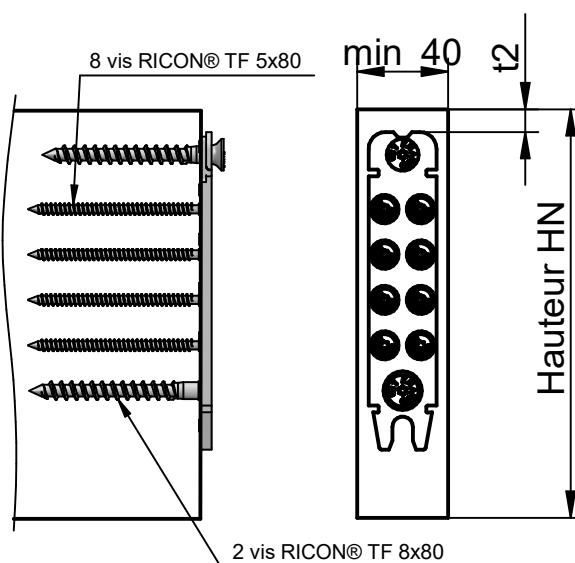
Distance de perçage t1 et t2 en relation avec la poutre secondaire HN

Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
180	124	10
200	144	30
220	154	40
240	164	50
260	184	70

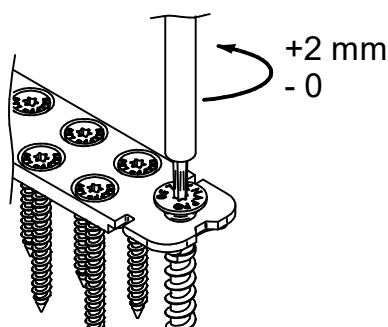
Détail du vissage sur la poutre principale



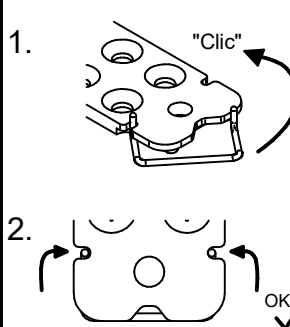
Détail du vissage sur la poutre secondaire



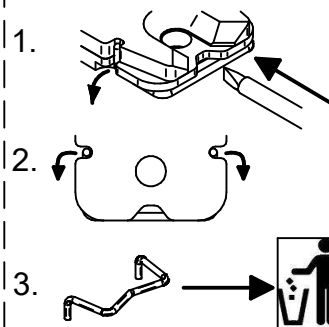
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille





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