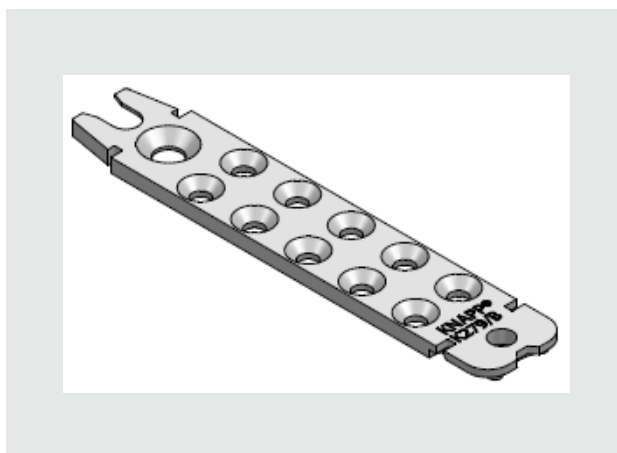
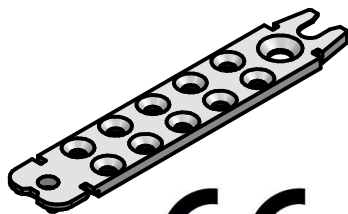




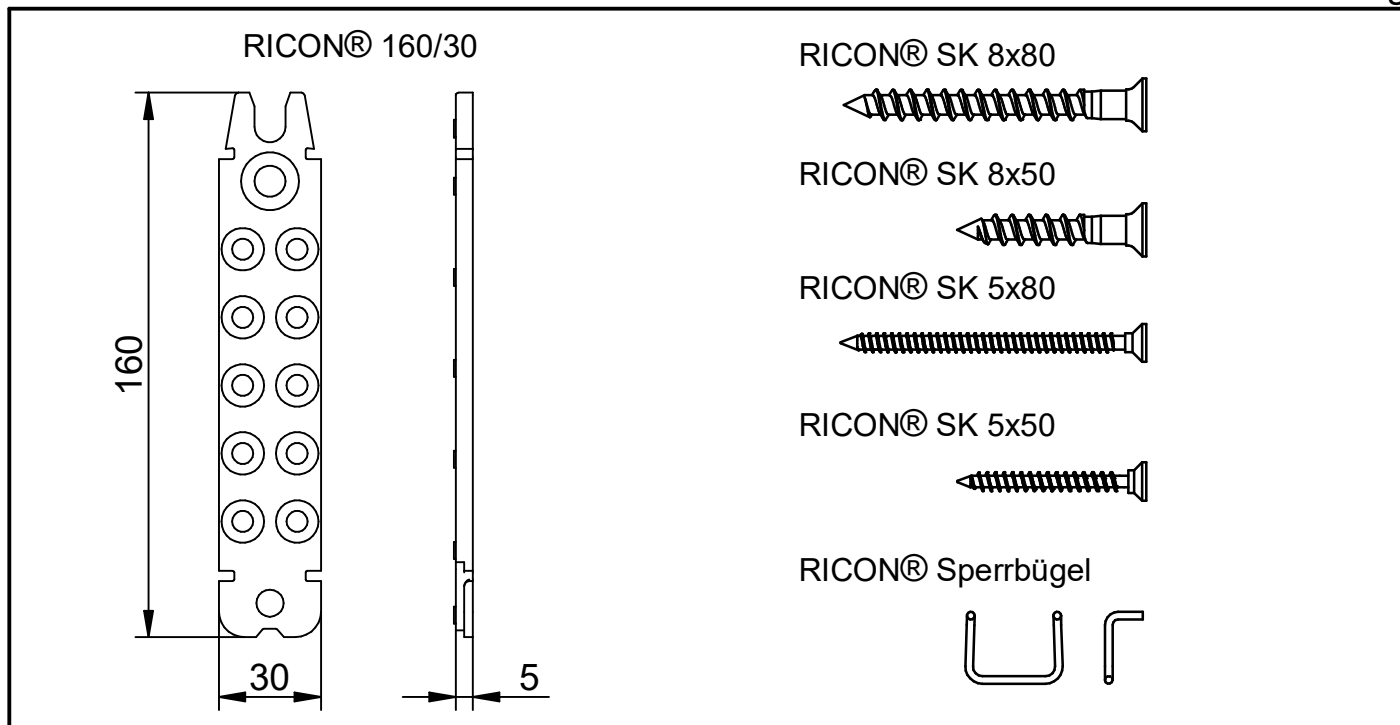
Art.-Nr.



ETA-10/0189

Montageanleitung RICON® 160/30 - A2

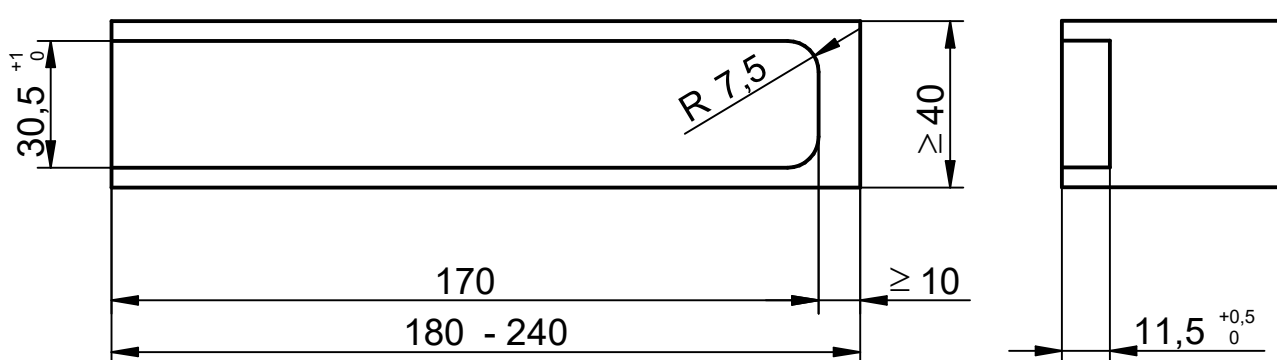
Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung



Einzelanschluss

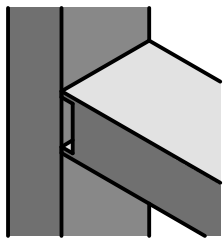
Pfosten-Riegelverbindung

Riegel Fräsbild



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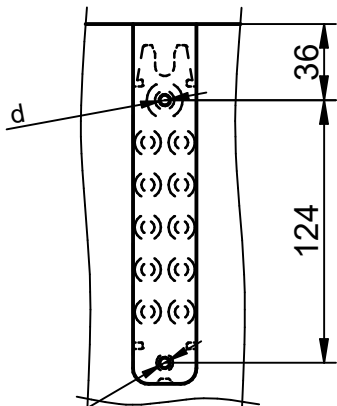


RICON® 160/30 EA - A2

Art. Nr. K279

Einzelanschluss
Pfosten-Riegelverbindung

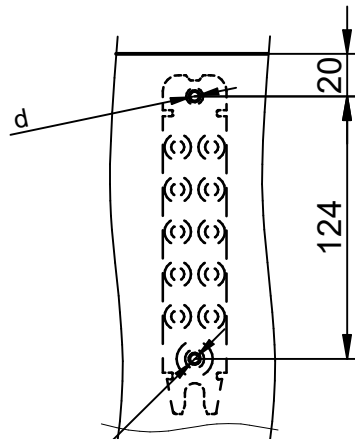
Vorbohrungen im Riegel



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

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

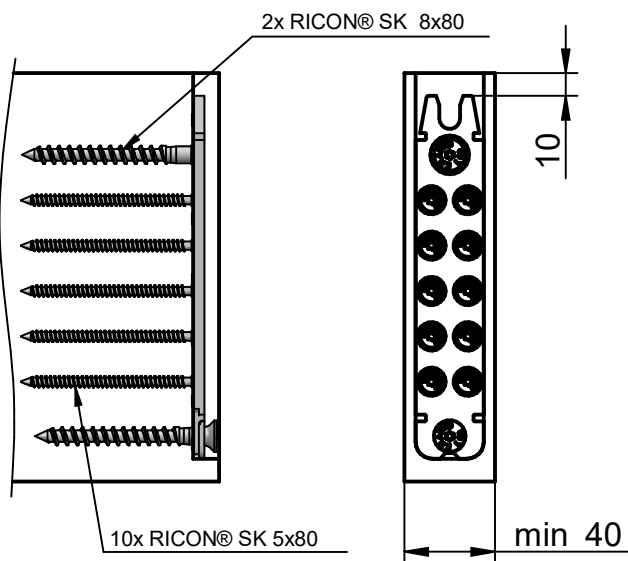
Vorbohrungen im Pfosten



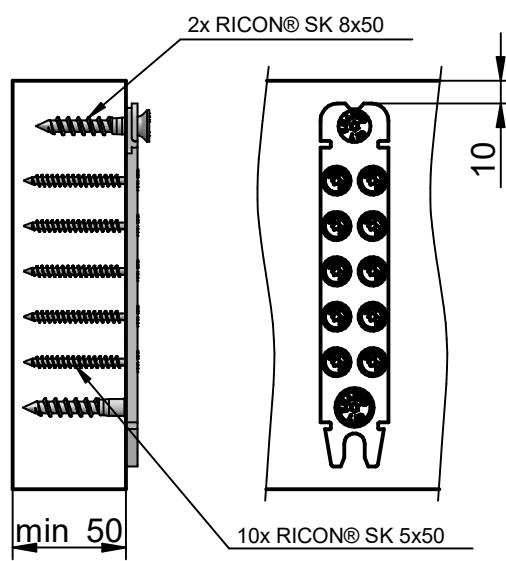
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

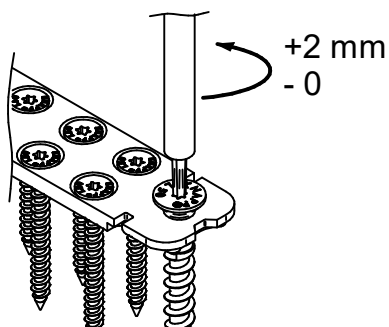
Verschraubung im Riegel



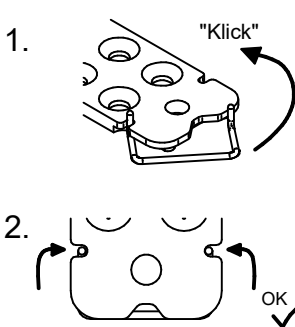
Verschraubung im Pfosten



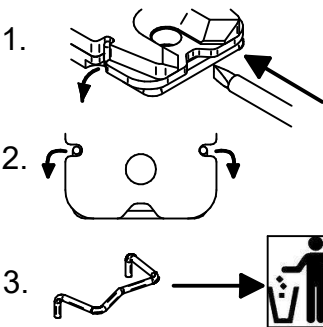
Justierbare Halteschraube

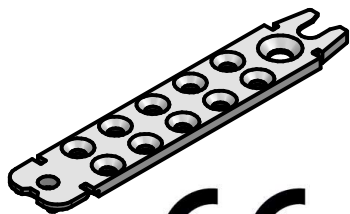


Sperrbügel einlegen



Sperrbügel lösen

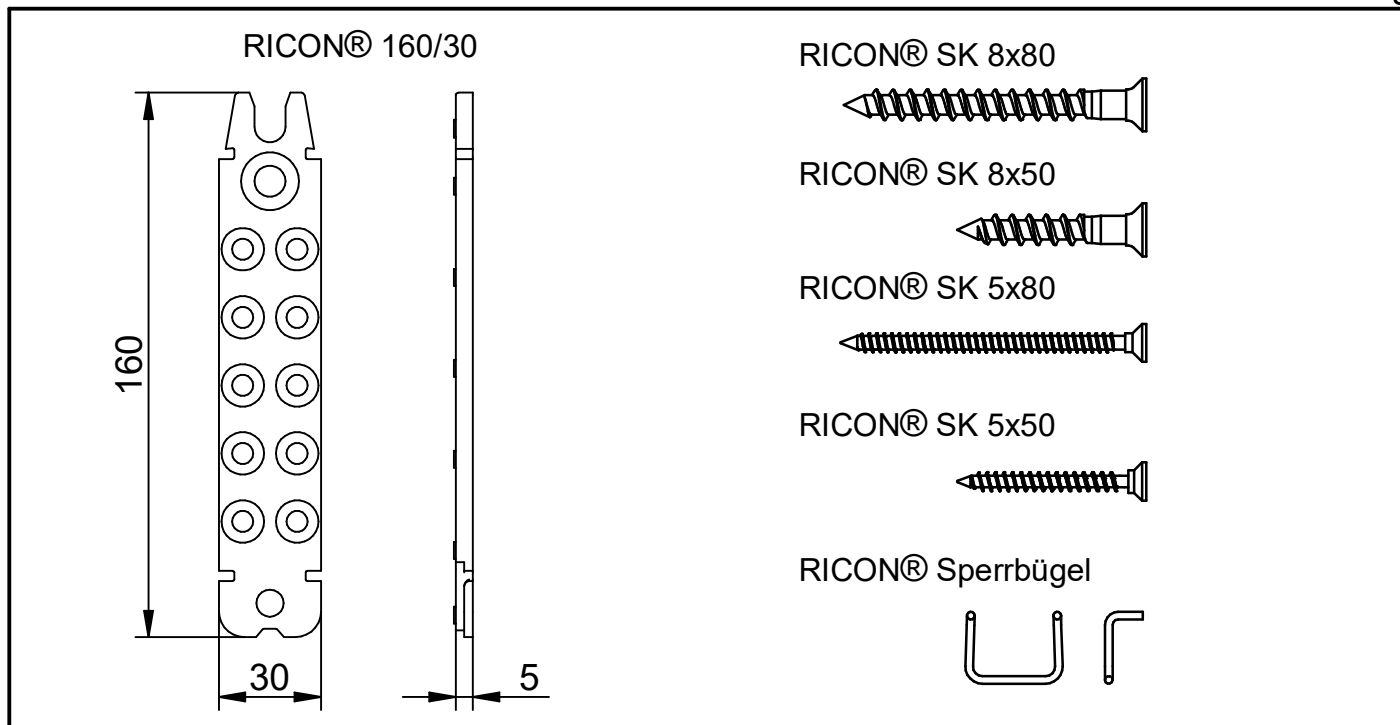




ETA-10/0189

Montageanleitung RICON® 160/30 - A2

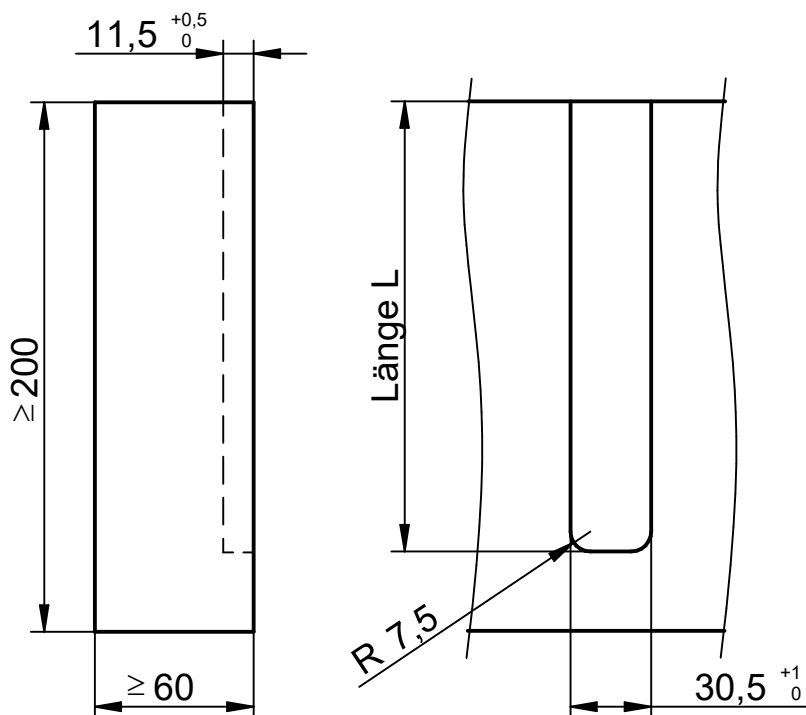
Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung



Einzelanschluss

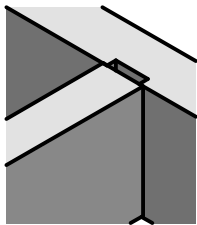
Haupt-Nebenträgerverbindung

Hauptträger Fräsbild



Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Länge L [mm]
200	170
220	180
240	190
260	210
280	220

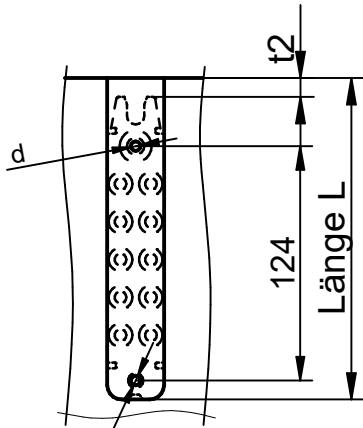


RICON® 160/30 EA - A2

Art. Nr. K279

**Einzelanschluss
Haupt-Nebenträger Verbindung**

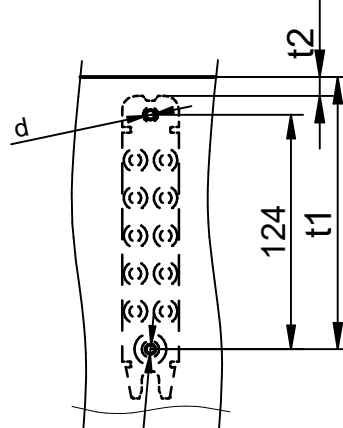
Vorbohrungen im Hauptträger



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

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

Vorbohrungen im Nebenträger

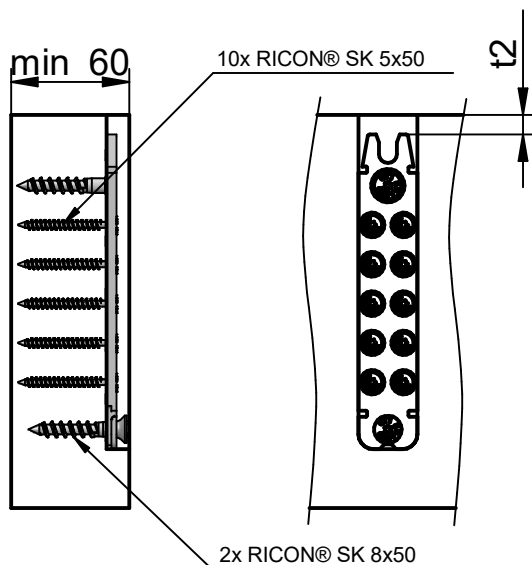


Nadelholz: d...Ø 5mm, 30mm tief vorbohren

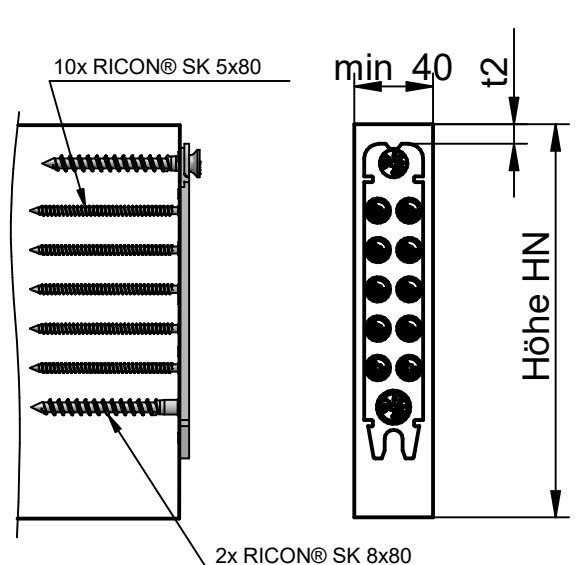
Laubholz: d...Ø 6mm, 75mm tief vorbohren

Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN		
Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
200	144	10
220	154	20
240	164	30
260	184	50
280	194	60

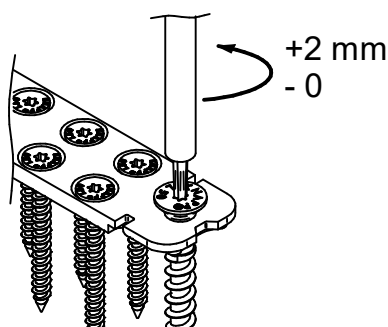
Verschraubung im Hauptträger



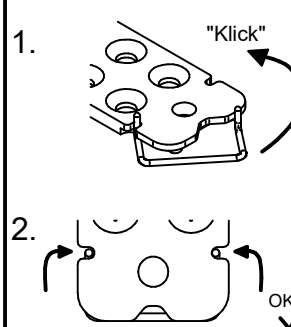
Verschraubung im Nebenträger



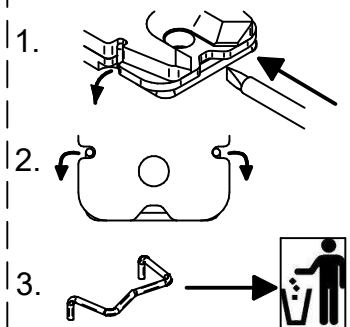
Justierbare Halteschraube



Sperrbügel einlegen

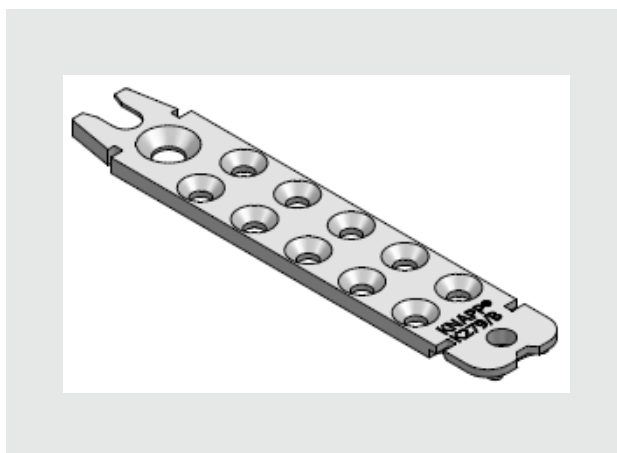


Sperrbügel lösen

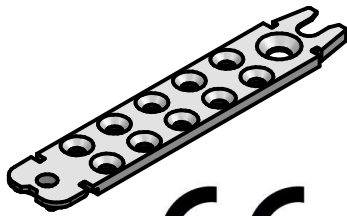




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Knapp GmbH ■ Vertrieb Deutschland ■ Föhrenweg 1 ■ D-85591 Vaterstetten ■ Tel.: +49 (0)8106 / 99 55 99 0 ■ Fax: +49 (0)8106 / 99 55 99 20 ■ E-Mail: info@knapp-verbinder.com
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Art.-No.

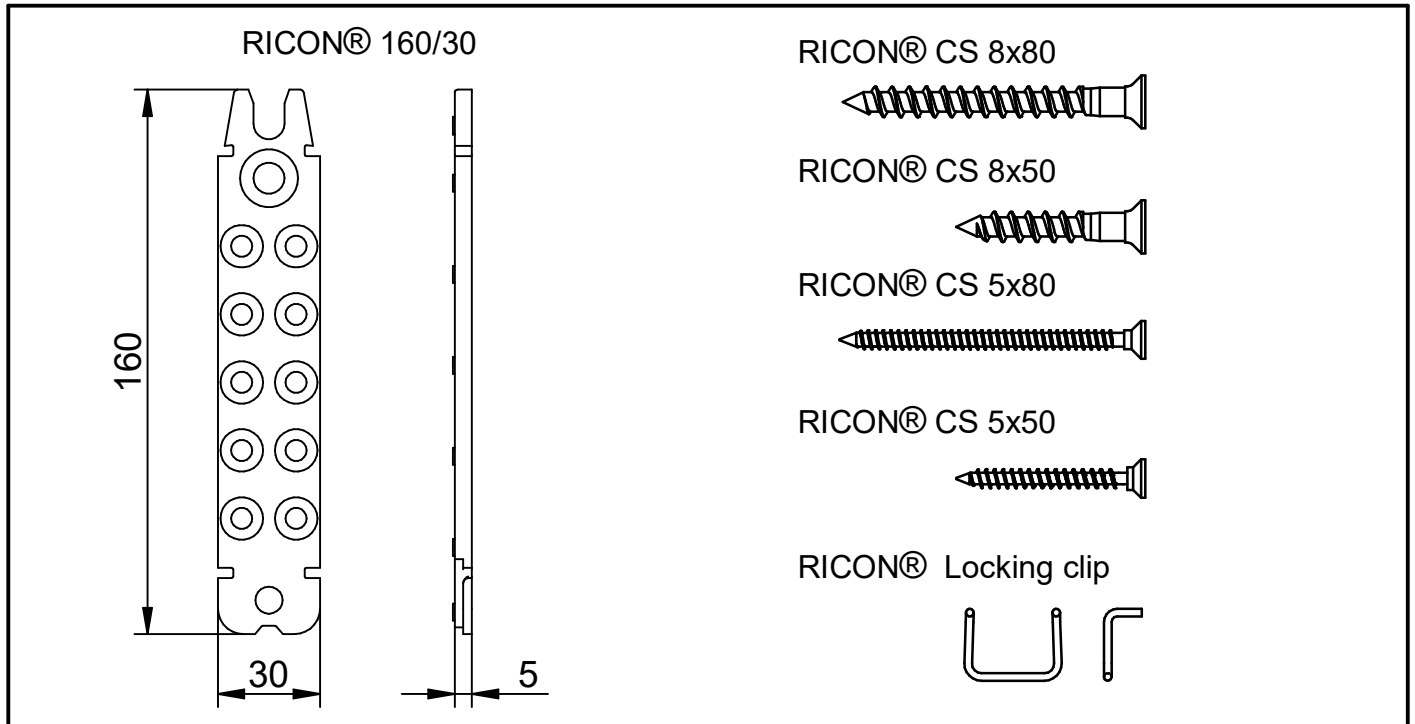


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Construction Manual

RICON® 160/30 - A2

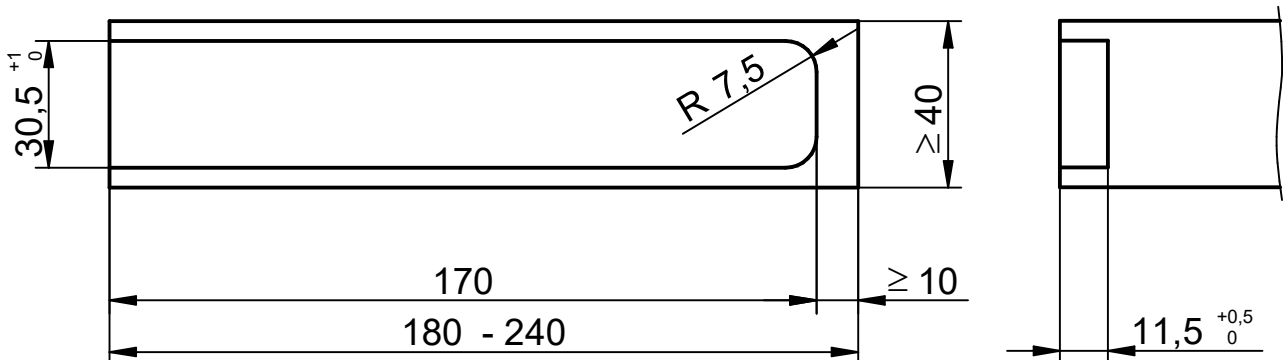
post and beam connection in stainless steel
with ETA (European Technical Assessment) CE marking

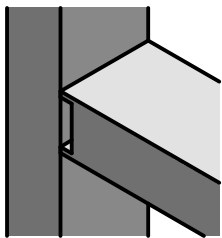


single connection

post and beamconnection

Milling pattern Beam



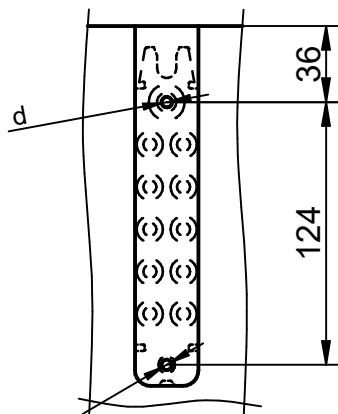


RICON® 160/30 EA - A2

Art. No. K279

single connection
post and beam

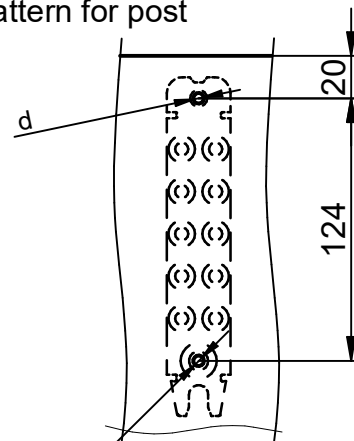
drilling pattern for beam



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

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

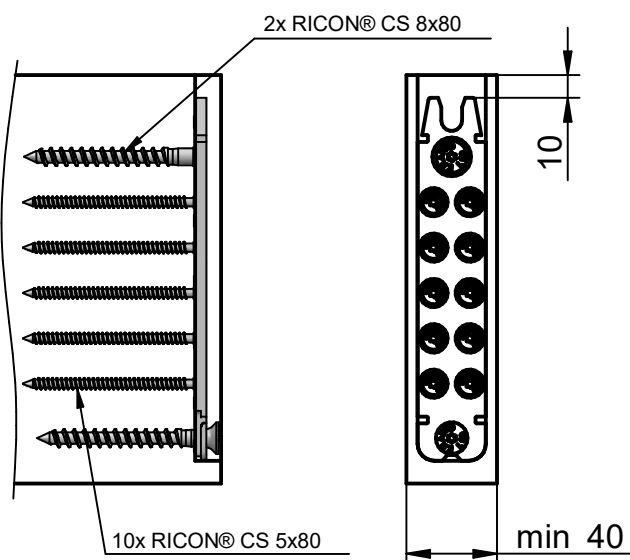
drilling pattern for post



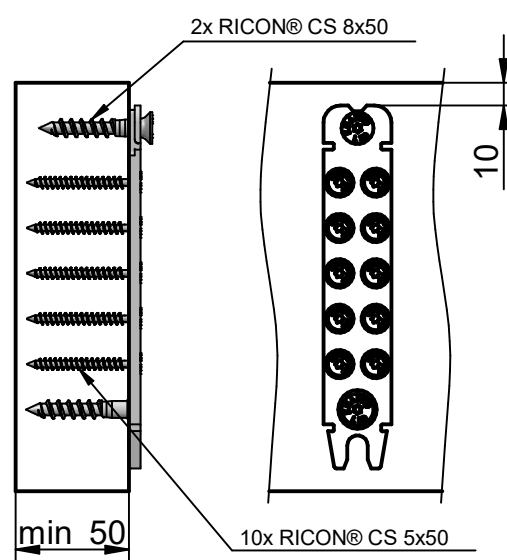
Softwood: d...Ø 5mm, 30mm pre-drilling

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

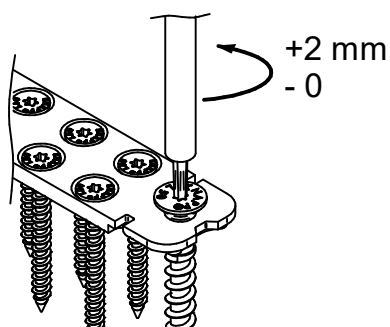
screw pattern for beam



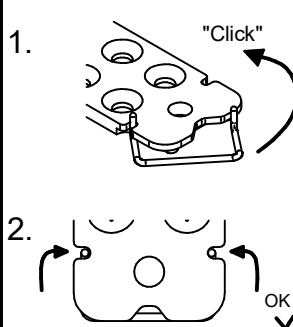
screw pattern for post



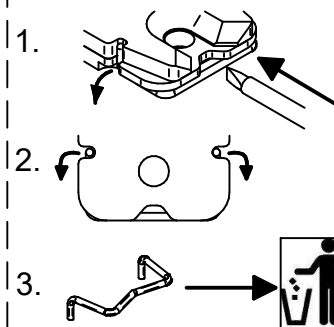
screw depth adjustable

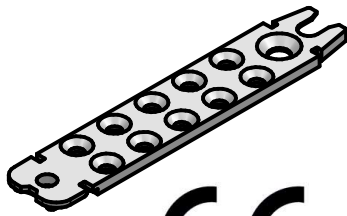


Locking clip assembly



Locking clip removal



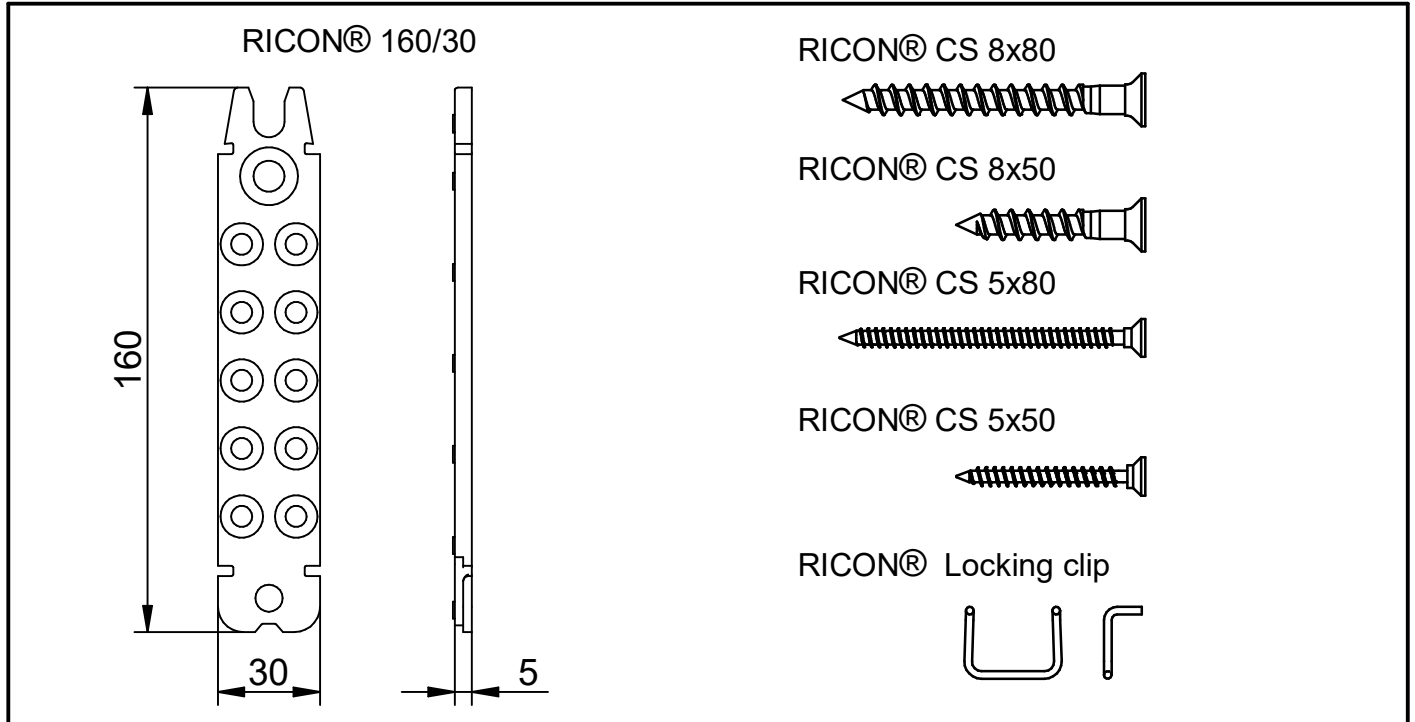


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Construction Manual

RICON® 160/30 - A2

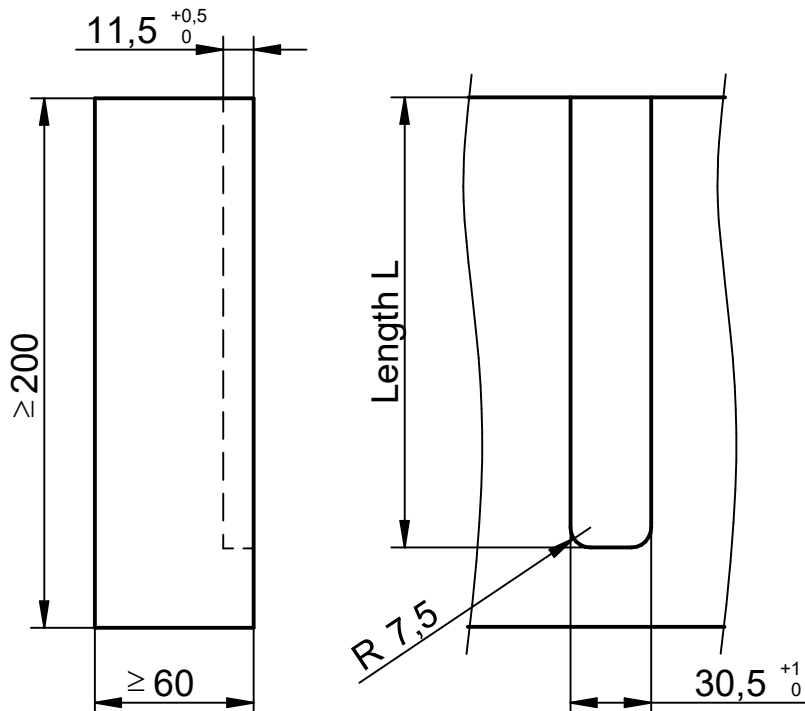
main beam, secondary beam connection in stainless steel
with ETA (European Technical Assessment) CE marking



single connection

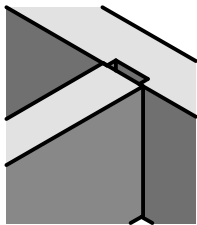
main beam, secondary beam connection

Milling pattern main beam



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

Height HN [mm]	Length L [mm]
200	170
220	180
240	190
260	210
280	220

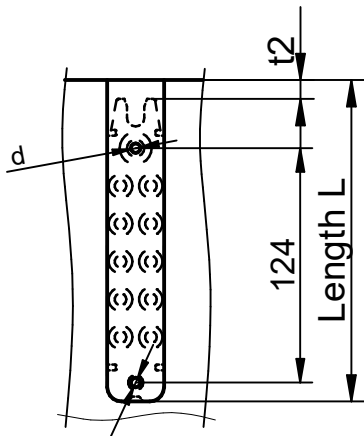


RICON® 160/30 EA - A2

Art. No. K279

single connection
main beam, secondary beam connection

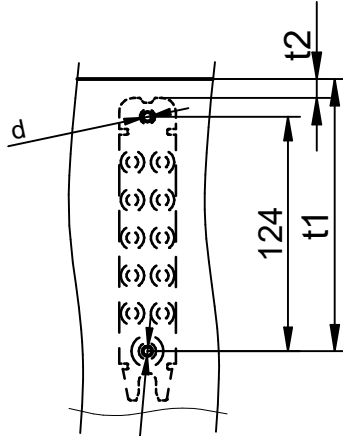
drilling pattern for main beam



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

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

drilling pattern for secondary beam



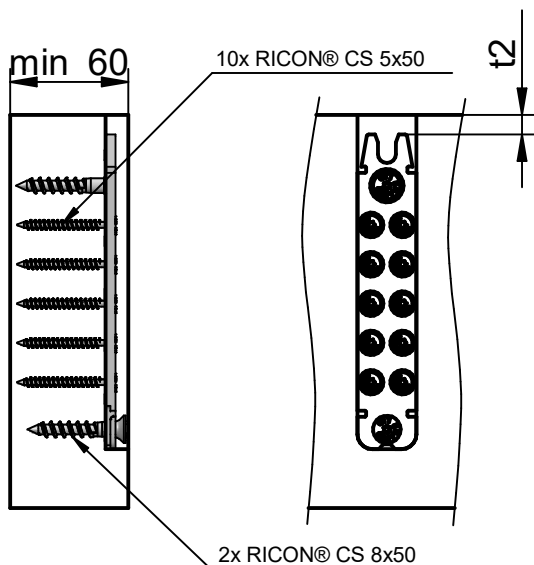
Softwood: d...Ø 5mm, 30mm pre-drilling

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

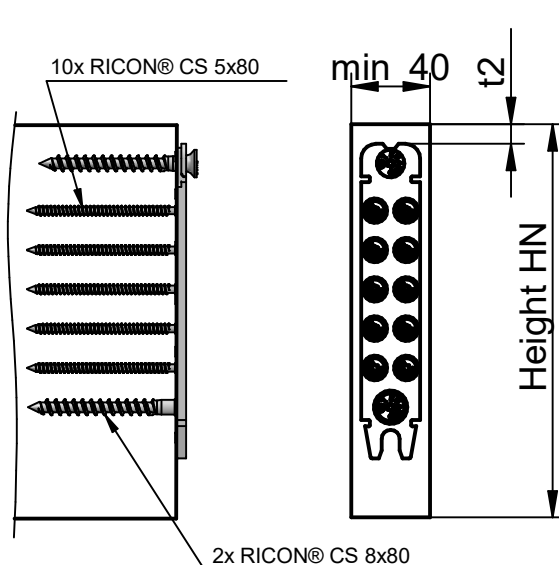
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
200	144	10
220	154	20
240	164	30
260	184	50
280	194	60

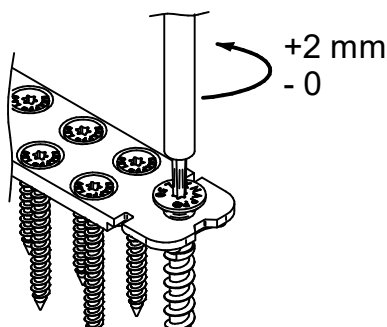
screw pattern for main beam



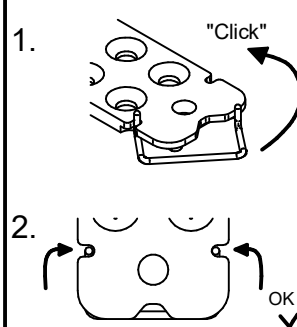
screw pattern for secondary beam



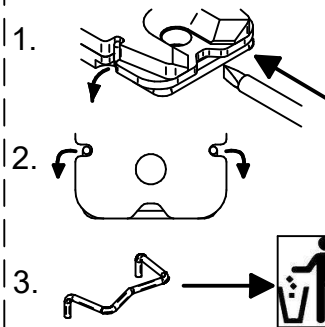
screw depth adjustable



Locking clip assembly

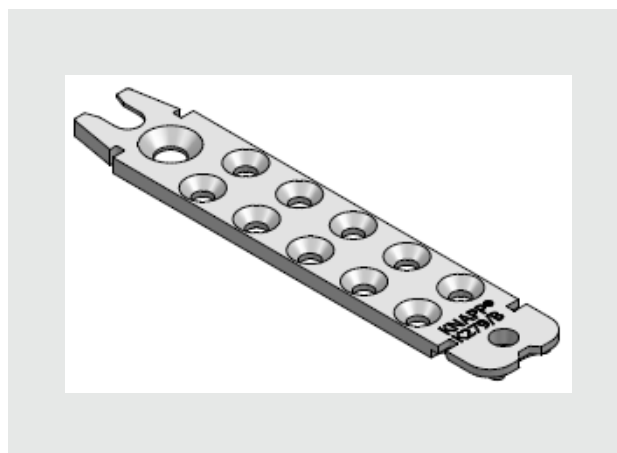


Locking clip removal

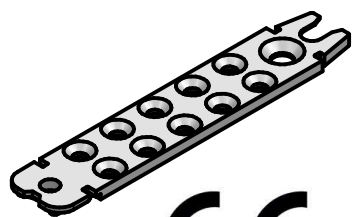




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Réf.

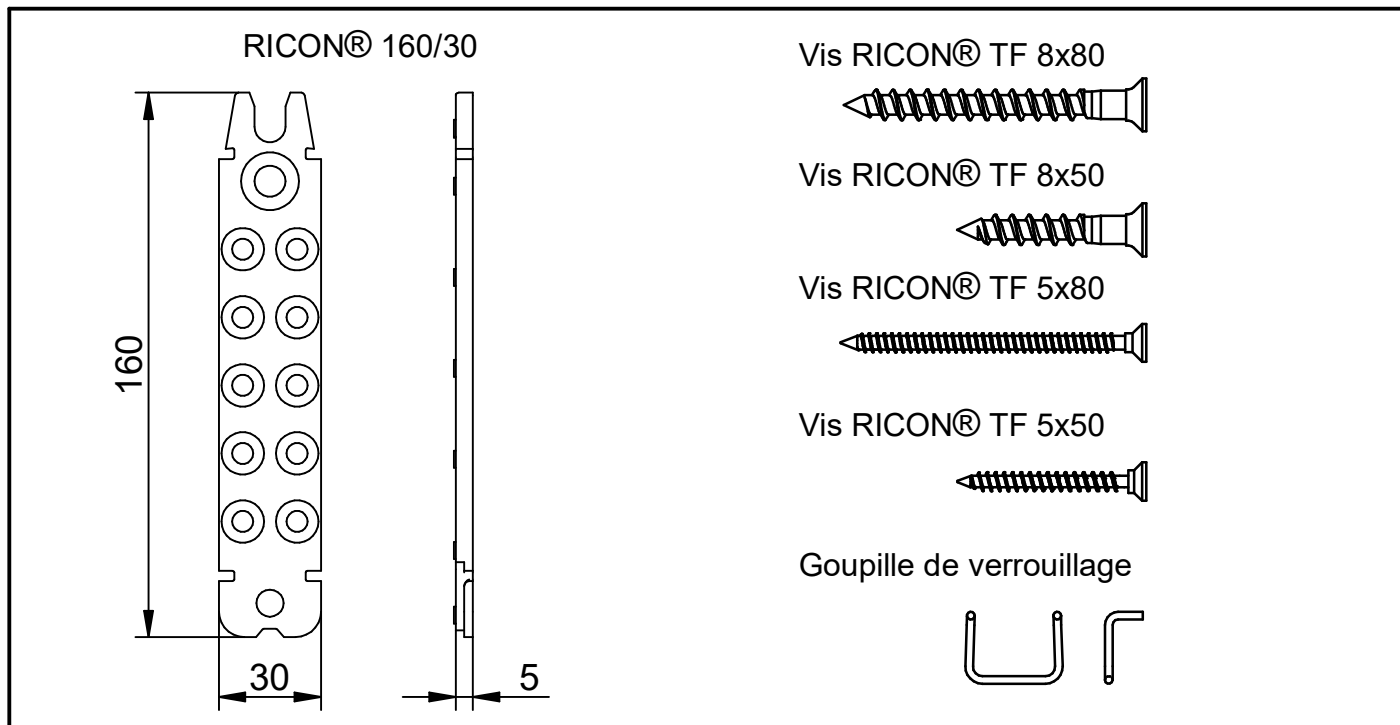


ETA-10/0189

Notice de montage

RICON® 160/30 - A2

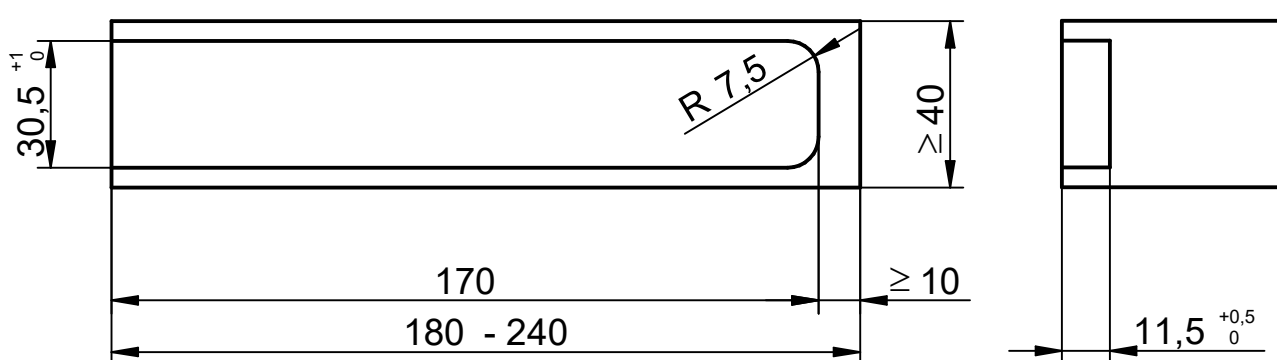
Connecteur inox pour jonctions poteau - traverse
avec Évaluation Technique Européenne (ETA)

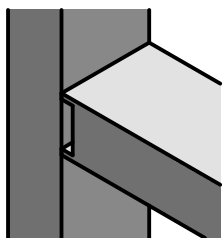


Assemblage simple

Assemblage poteau - traverse

Détails du fraisage traverse



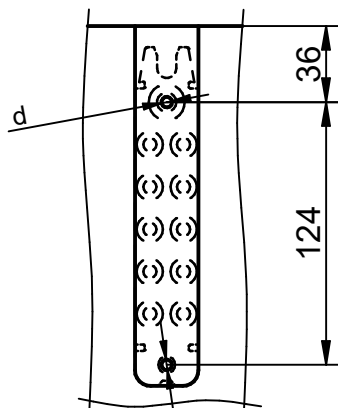


RICON® 160/30 EA - A2

Réf. K279

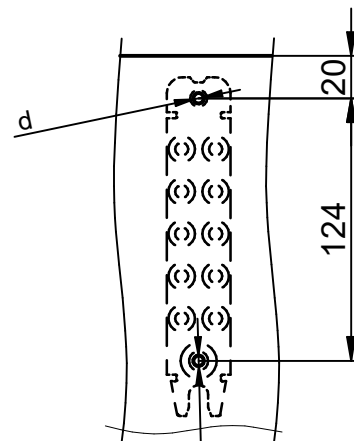
Assemblage simple
Assemblages poteau - traverse

Détail du perçage sur la traverse



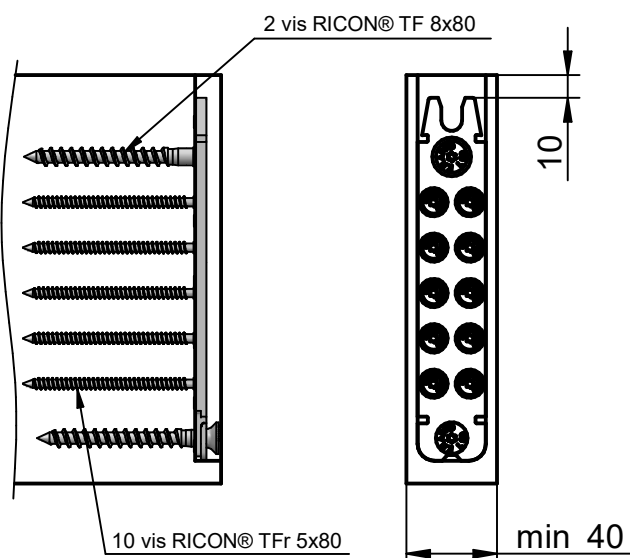
Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

Détail du perçage sur le poteau

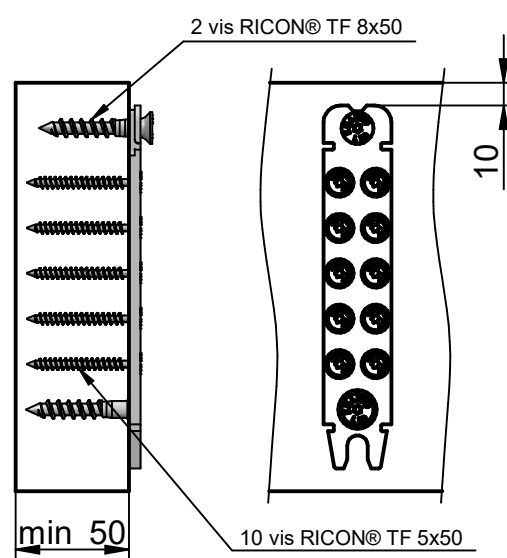


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

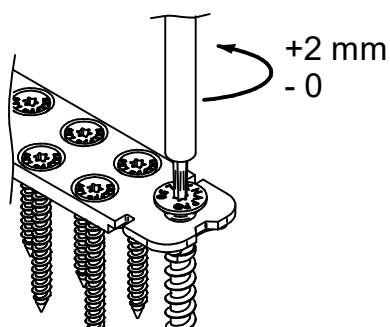
Détail du vissage sur la traverse



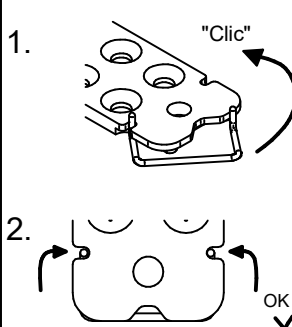
Détail du vissage sur le poteau



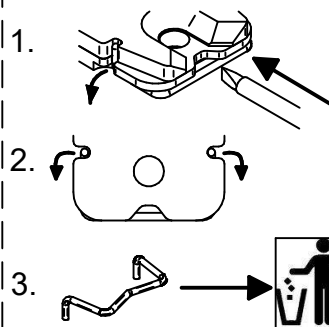
Régler la vis d'accroche

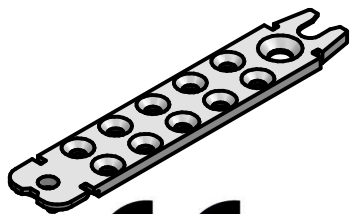


Mettre la goupille en place



Déverrouiller la goupille



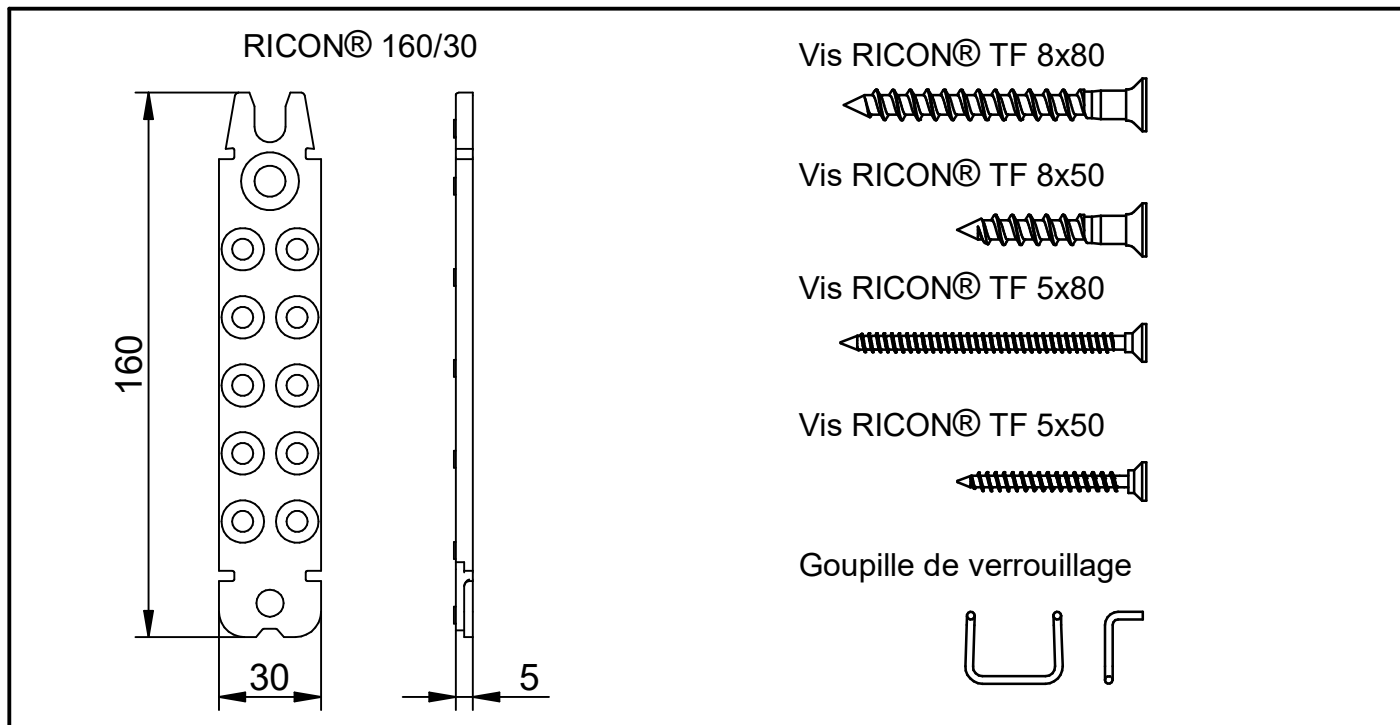


ETA-10/0189

Notice de montage

RICON® 160/30 - A2

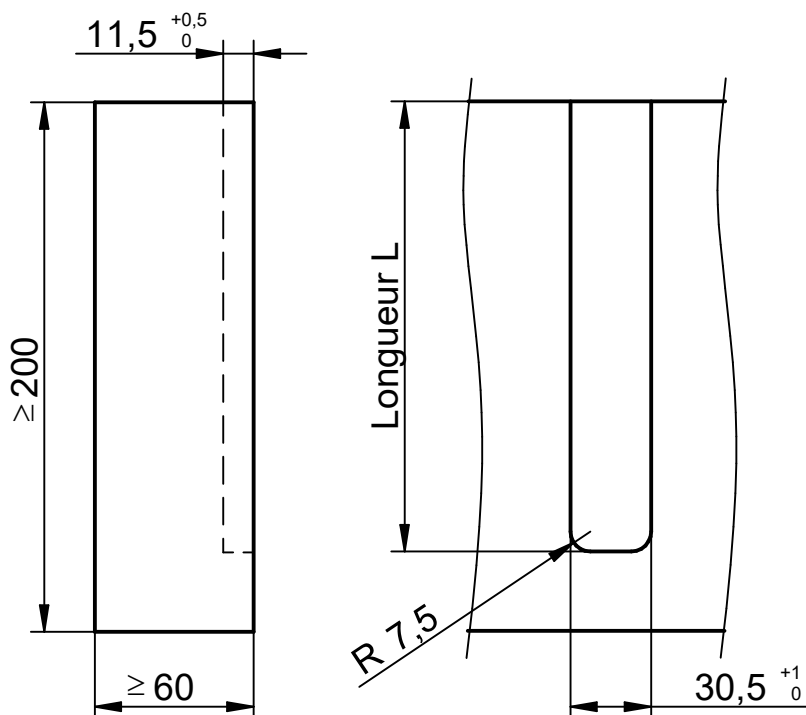
Connecteur inox pour jonctions poutres principale - secondaire
avec Évaluation Technique Européenne (ETA)



Assemblage simple

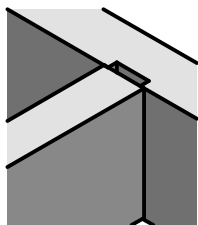
Assemblage poutres principale - secondaire

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]
200	180
220	190
240	200
260	210
280	230

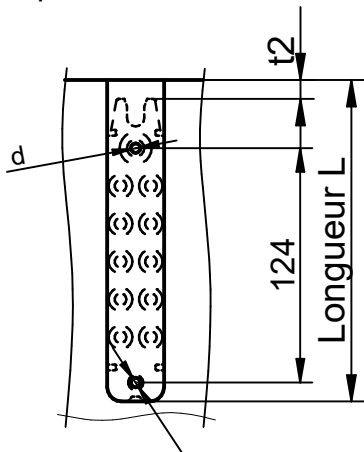


RICON® 160/30 EA - A2

Réf. K279

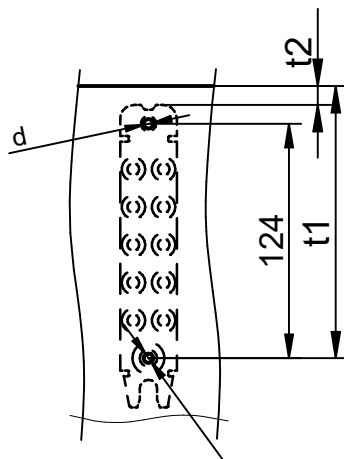
Assemblage simple
Assemblages poutres principale - secondaire

Détail du perçage sur la poutre principale



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

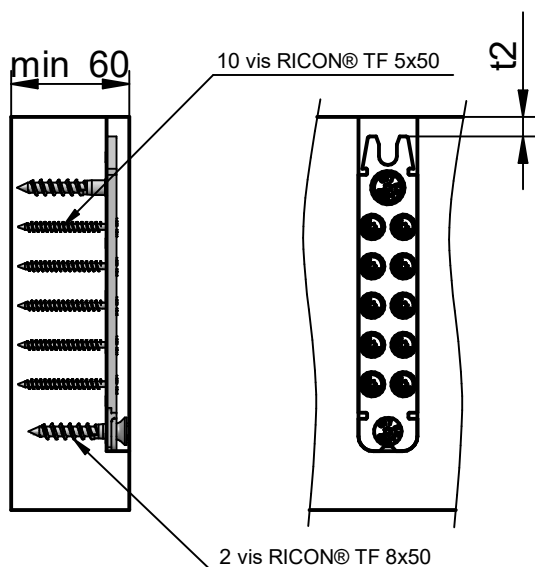
Détail du perçage sur la poutre secondaire



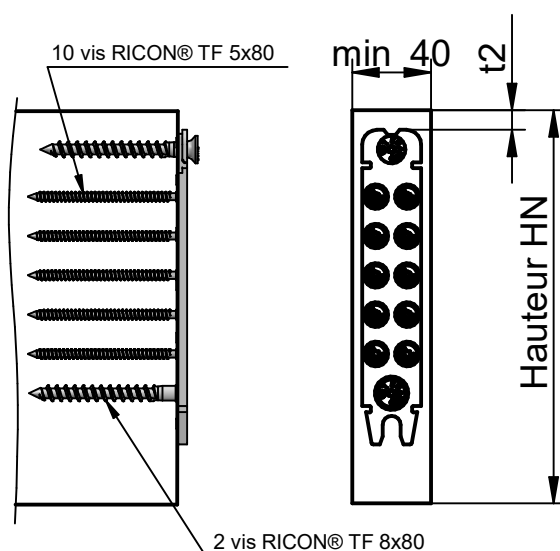
Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

Distance de perçage t1 et t2 en relation avec la poutre secondaire HN		
Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
200	144	10
220	154	20
240	164	30
260	184	50
280	194	60

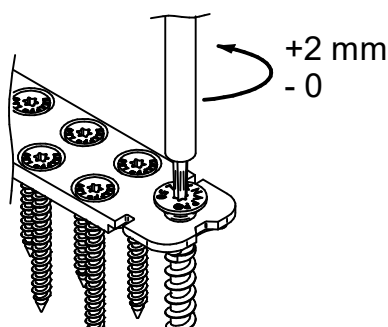
Détail du vissage sur la poutre principale



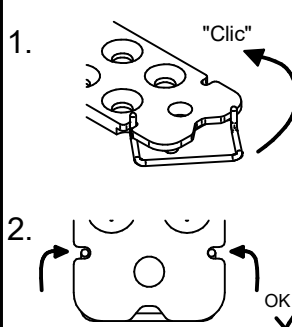
Détail du vissage sur la poutre secondaire



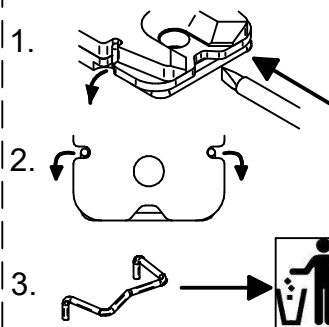
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille





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