Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

RICON® 120/30 Edelstahl

Art.-Nr. K277

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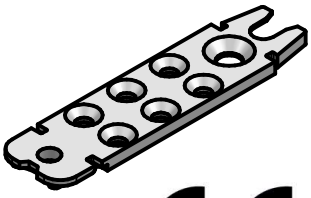


CE

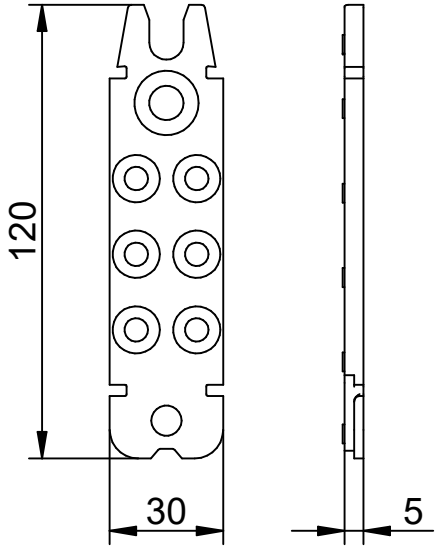
ETA-10/0189

Montageanleitung

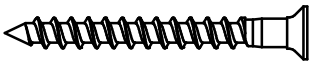
RICON® 120/30 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

RICON® 120/30

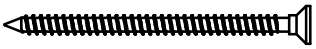


RICON® SK 8x80



RICON® SK 8x50

RICON® SK 5x80



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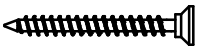
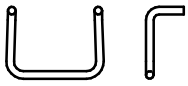
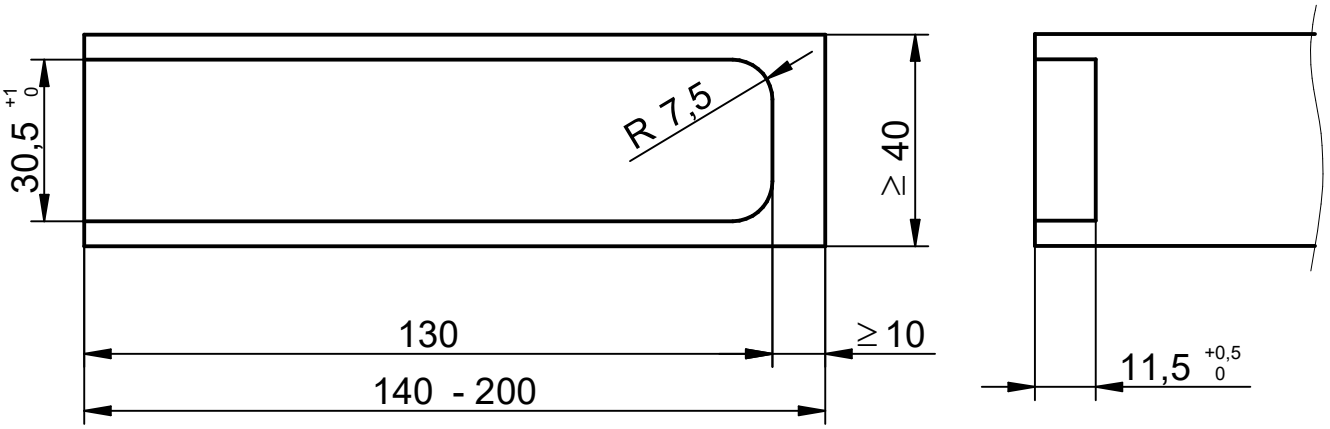


RICON® Sperrbügel



Einzelanschluss **Pfosten-Riegelverbindung**

Riegel Fräsbild



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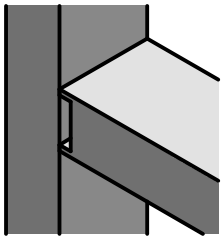


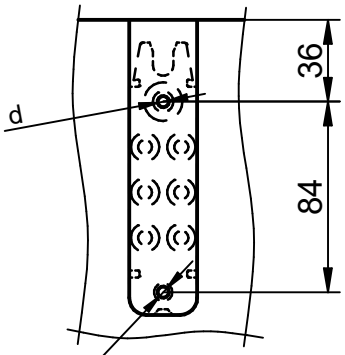
Montageanleitung

RICON® 120/30 EA - A2

Art. Nr. K277

Einzelanschluss
Pfosten-Riegelverbindung

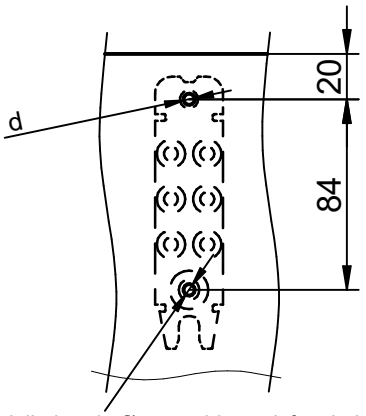
Vorbohrungen im Riegel



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

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

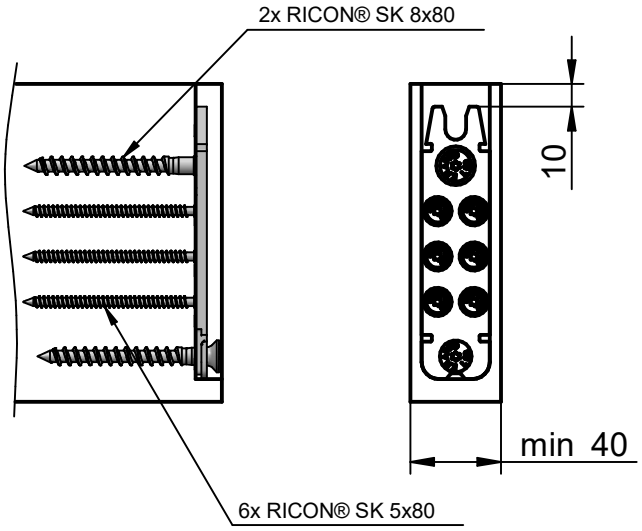
Vorbohrungen im Pfosten



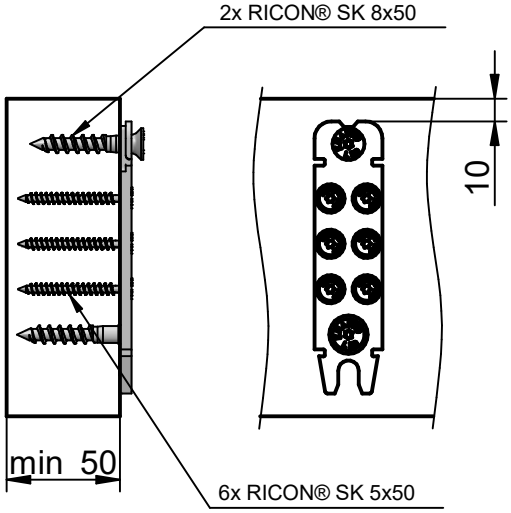
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

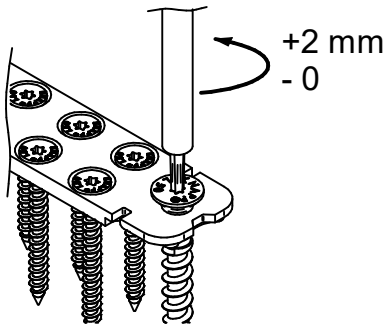
Verschraubung im Riegel



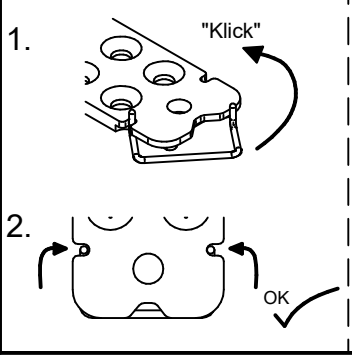
Verschraubung im Pfosten



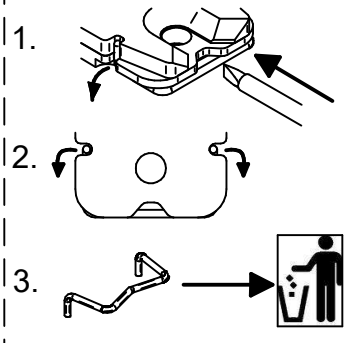
Justierbare Halteschraube



Sperrbügel einlegen



Sperrbügel lösen



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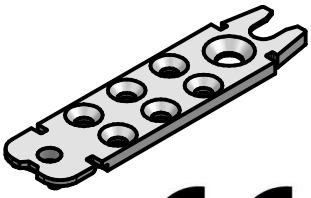


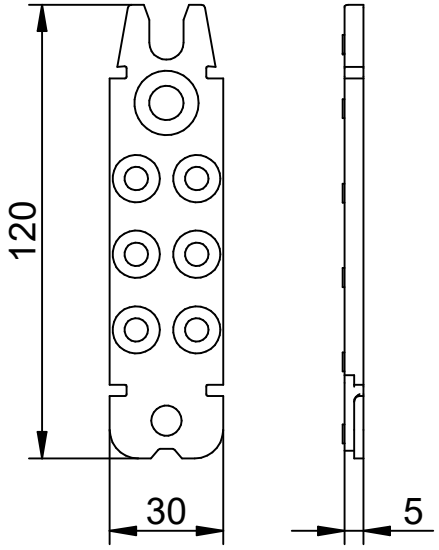
ETA-10/0189

Montageanleitung

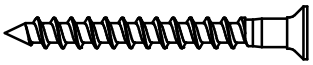
RICON® 120/30 - A2

Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung

RICON® 120/30

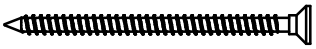


RICON® SK 8x80

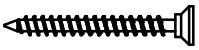


RICON® SK 8x50

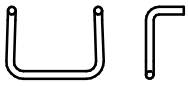
RICON® SK 5x80



RICON® SK 5x50



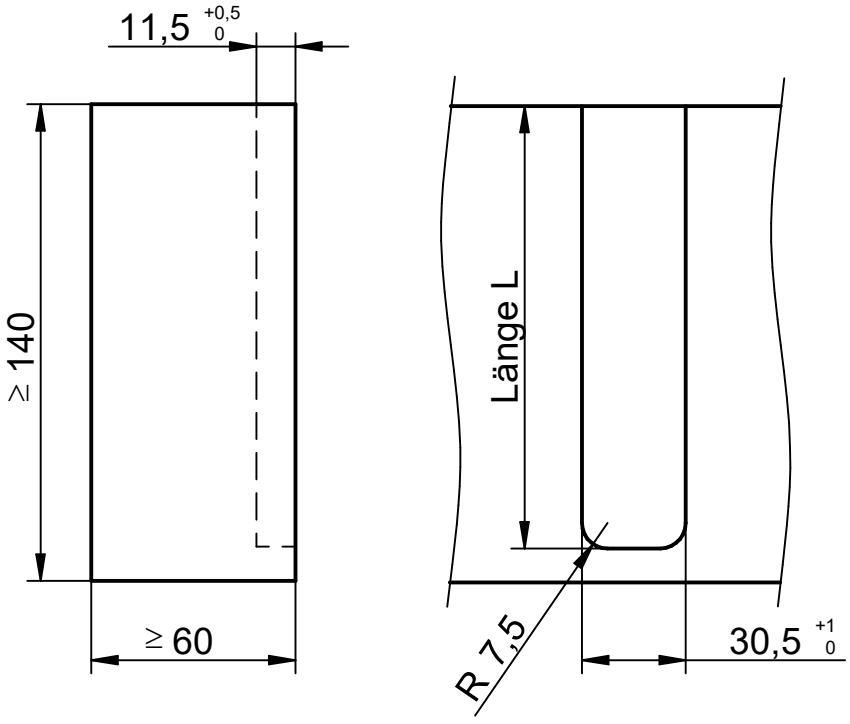
RICON® Sperrbügel



Einzelanschluss

Haupt-Nebenträgerverbindung

Hauptträger Fräsbild



Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN	
Höhe HN [mm]	Länge L [mm]
140	130
160	140
180	150
200	170
220	180
240	190

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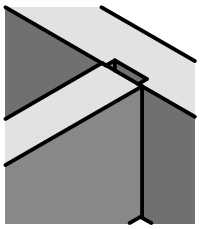


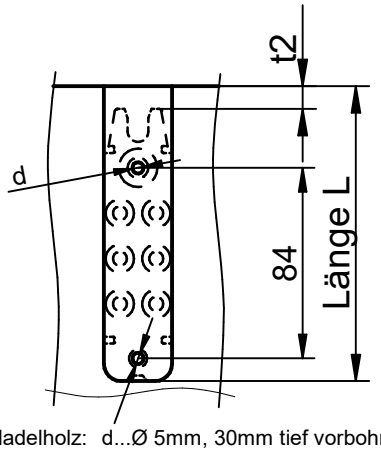
Art. Nr. K277

Montageanleitung

RICON® 120/30 EA - A2

Einzelanschluss
Haupt-Nebenträger Verbindung

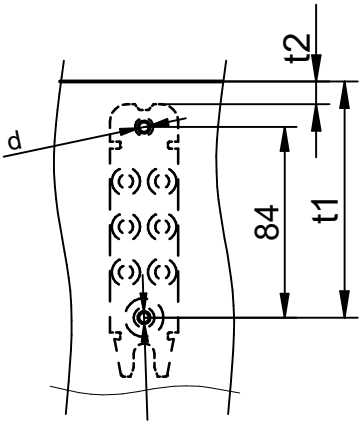
Vorbohrungen im Hauptträger



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

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

Vorbohrungen im Nebenträger



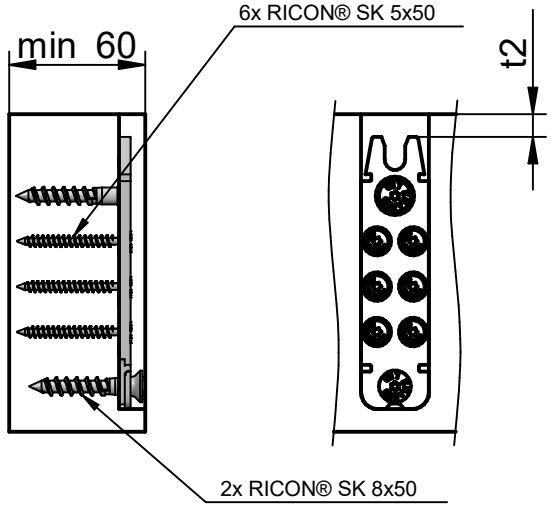
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

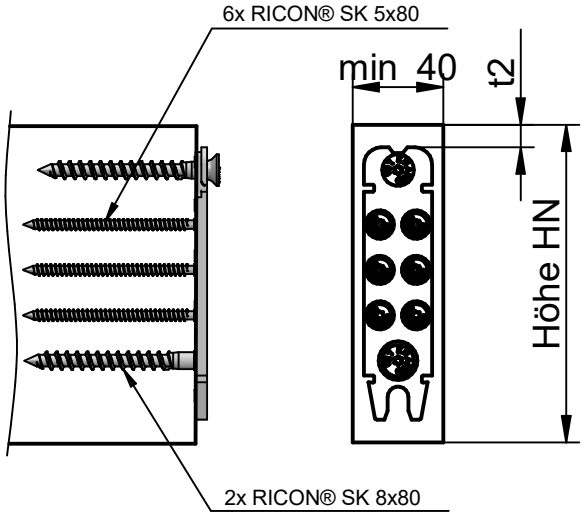
Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
140	104	10
160	114	20
180	124	30
200	144	50
220	154	60
240	164	70

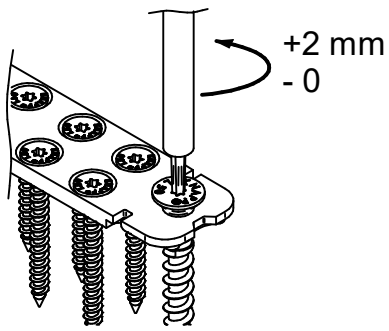
Verschraubung im Hauptträger



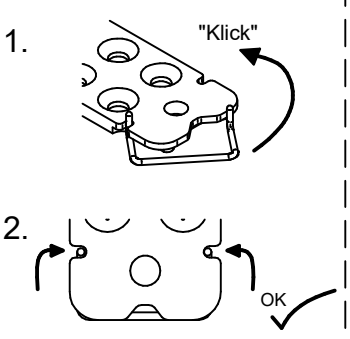
Verschraubung im Nebenträger



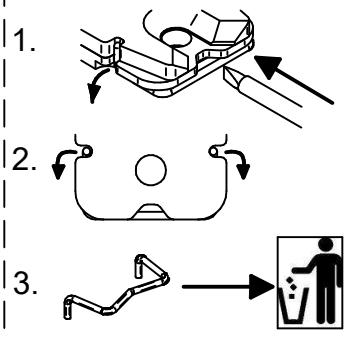
Justierbare Halteschraube



Sperrbügel einlegen



Sperrbügel lösen



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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

Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

RICON® 120/30 Edelstahl

Art.-No. K277

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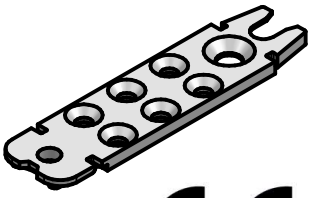


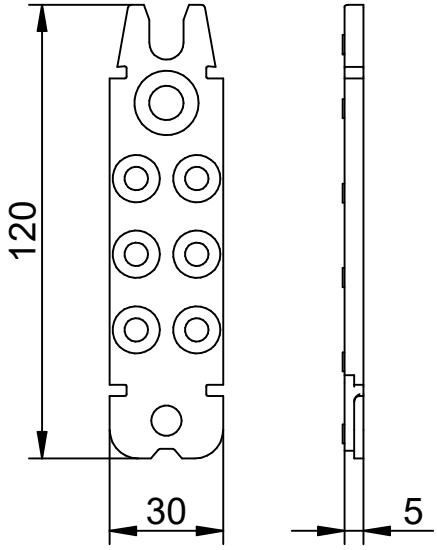
ETA-10/0189

Construction Manual

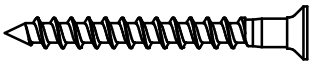
RICON® 120/30 - A2

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

RICON® 120/30

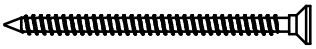


RICON® CS 8x80

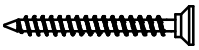


RICON® CS 8x50

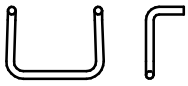
RICON® CS 5x80



RICON® CS 5x50

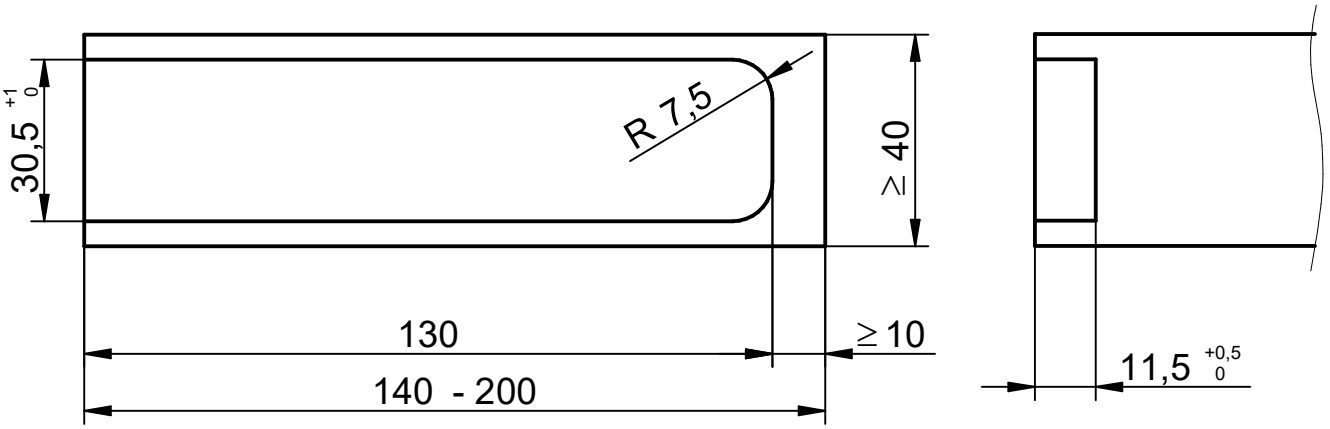


RICON® Locking clip



single connection **post and beamconnection**

Milling pattern Beam



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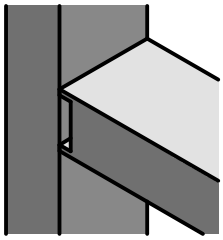


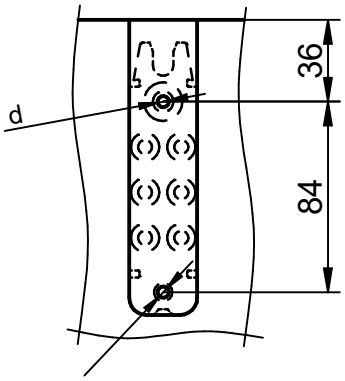
Construction Manual

RICON® 120/30 EA - A2

Art. No. K277

single connection post and beam

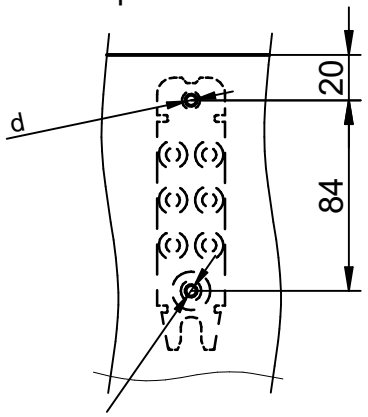
drilling pattern for beam



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

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

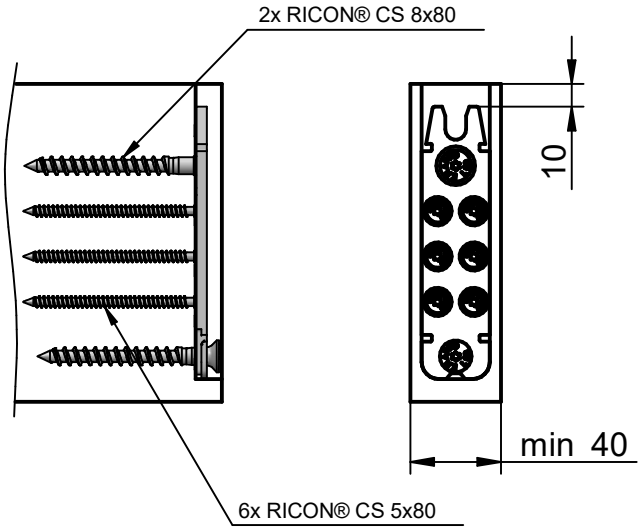
drilling pattern for post



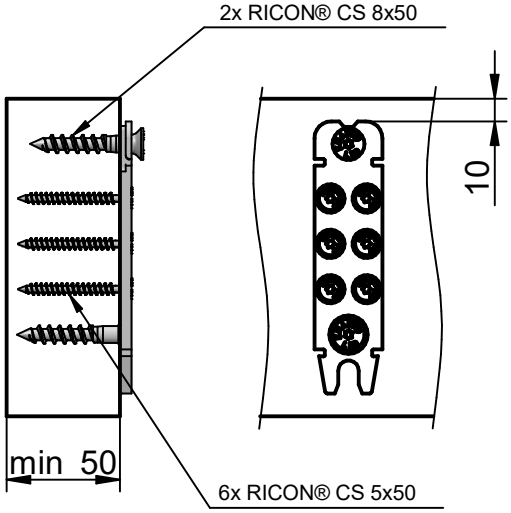
Softwood: d...Ø 5mm, 30mm pre-drilling

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

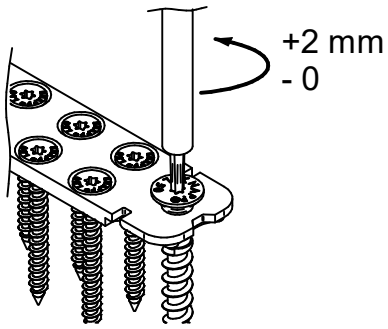
screw pattern for beam



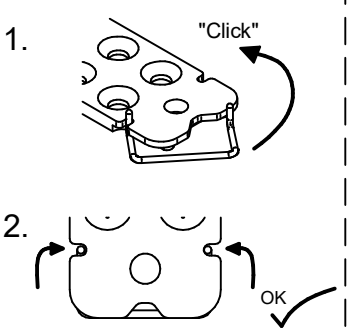
screw pattern for post



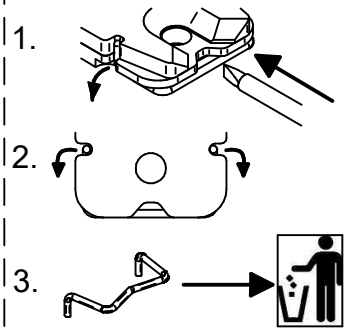
screw depth adjustable



Locking clip assembly



Locking clip removal



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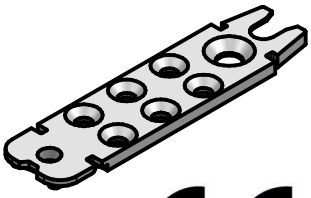


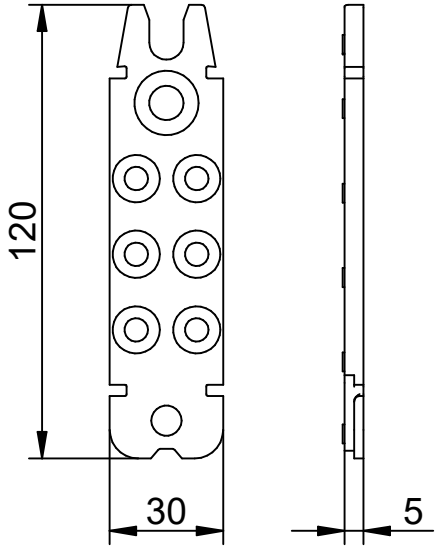
Construction Manual

RICON® 120/30 - A2

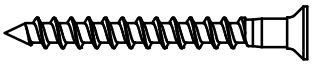
ETA-10/0189

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

RICON® 120/30

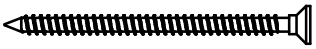


RICON® CS 8x80

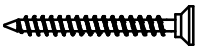


RICON® CS 8x50

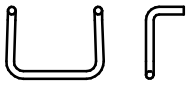
RICON® CS 5x80



RICON® CS 5x50



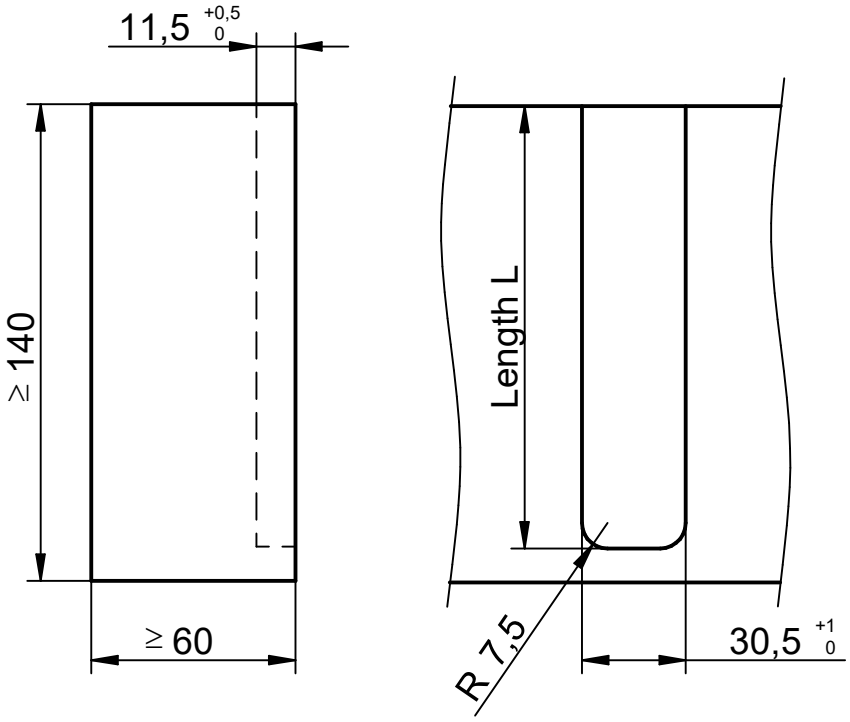
RICON® Locking clip



single connection

main beam,secondary beam connection

Milling pattern main beam



Milling length L form the main beam depending on the beam height HN:	
Height HN [mm]	Length L [mm]
140	130
160	140
180	150
200	170
220	180
240	190

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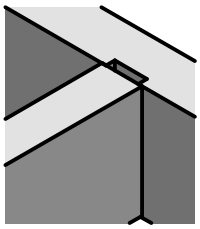


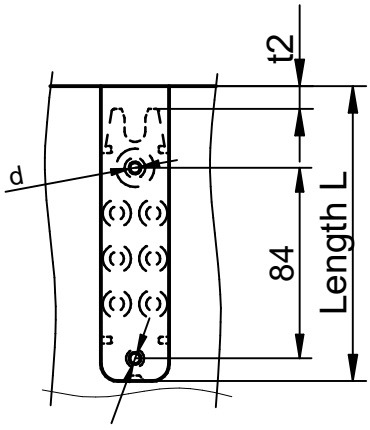
Art. No. K277

Construction Manual

RICON® 120/30 EA - A2

single connection
main beam, secondary beam connection

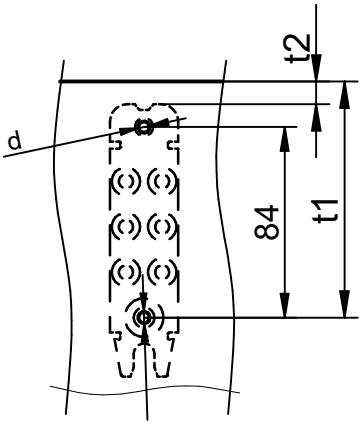
drilling pattern for main beam



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

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

drilling pattern for secondary beam



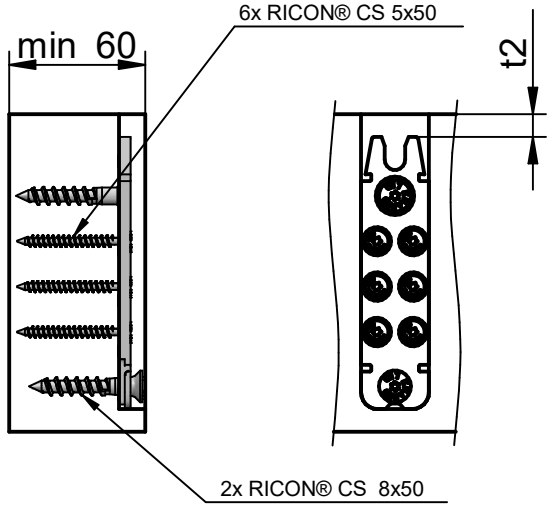
Softwood: d...Ø 5mm, 30mm pre-drilling

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

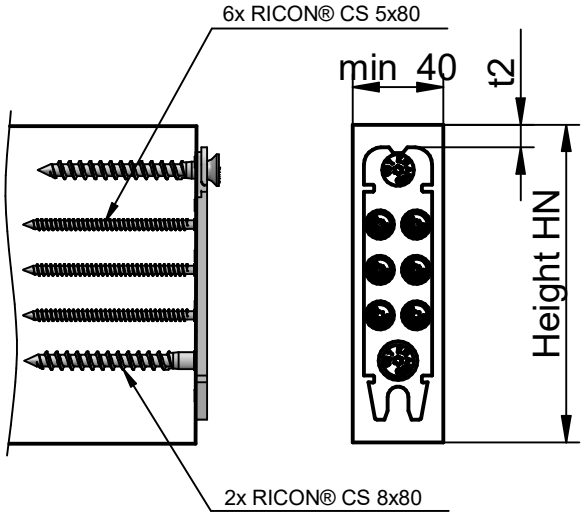
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
140	104	10
160	114	20
180	124	30
200	144	50
220	154	60
240	164	70

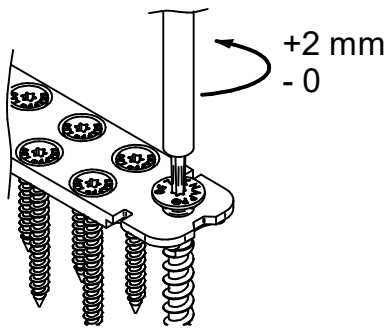
screw pattern for main beam



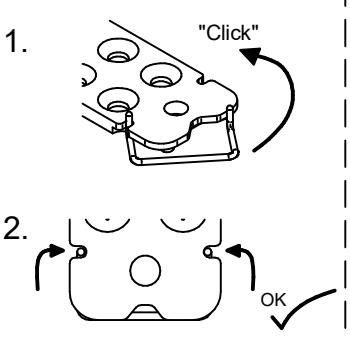
screw pattern for secondary beam



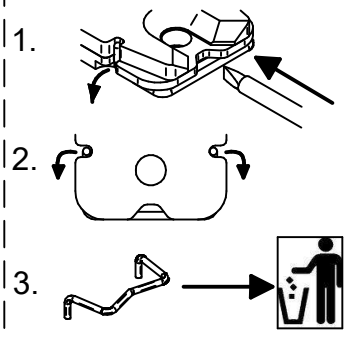
screw depth adjustable



Locking clip assembly



Locking clip removal



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Montageanleitung Construction Manual Notice de montage

VERSION **09.02.2021**

RICON® 120/30 Edelstahl

Réf. **K277**

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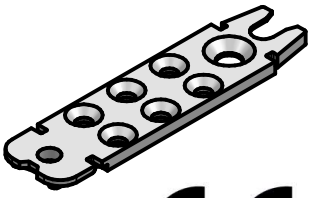


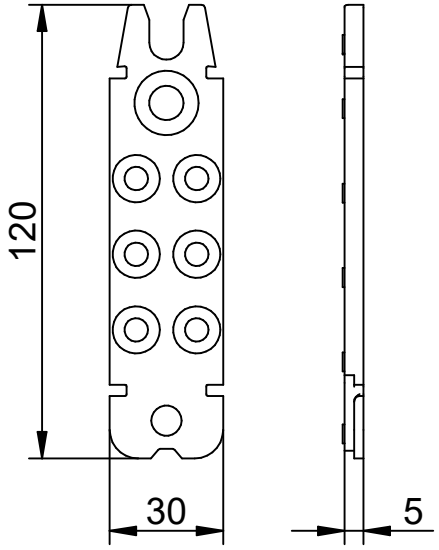
ETA-10/0189

Notice de montage

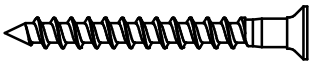
RICON® 120/30 - A2

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

RICON® 120/30

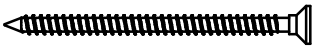


Vis RICON® TF 8x80

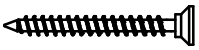


Vis RICON® TF 8x50

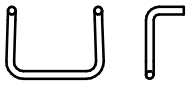
Vis RICON® TF 5x80



Vis RICON® TF 5x50

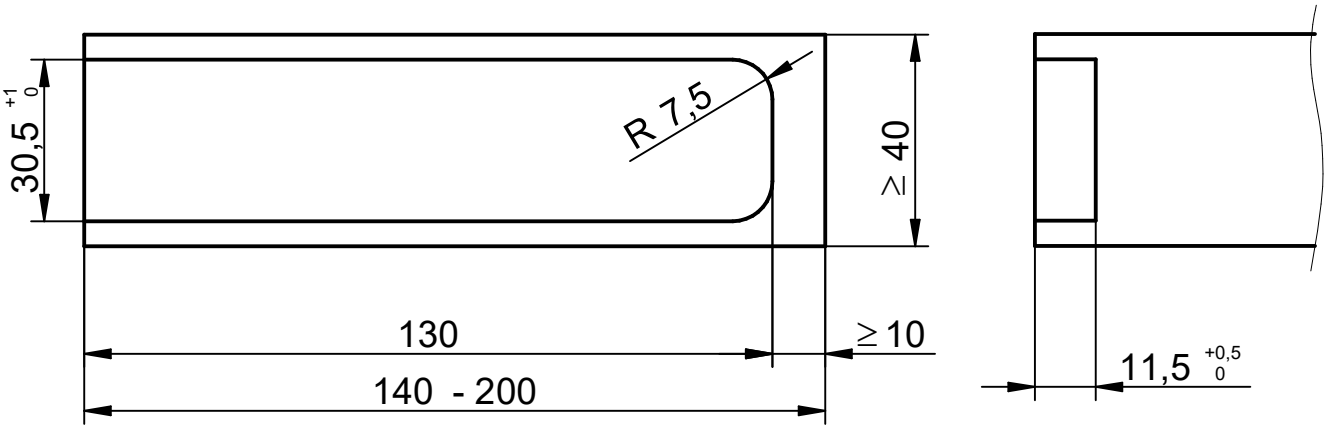


Goupille de verrouillage



Assemblage simple **Assemblage poteau - traverse**

Détails du fraisage traverse



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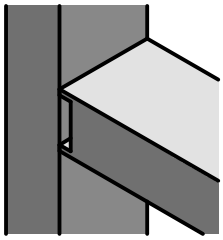


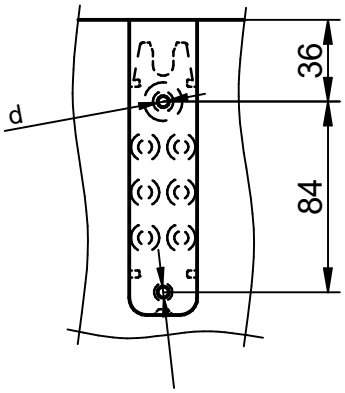
Notice de montage

RICON® 120/30 EA - A2

Réf. Nr. K277

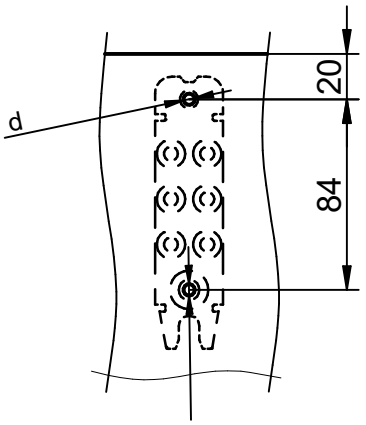
Assemblage simple
Assemblages poteau - traverse

Détail du perçage sur la traverse



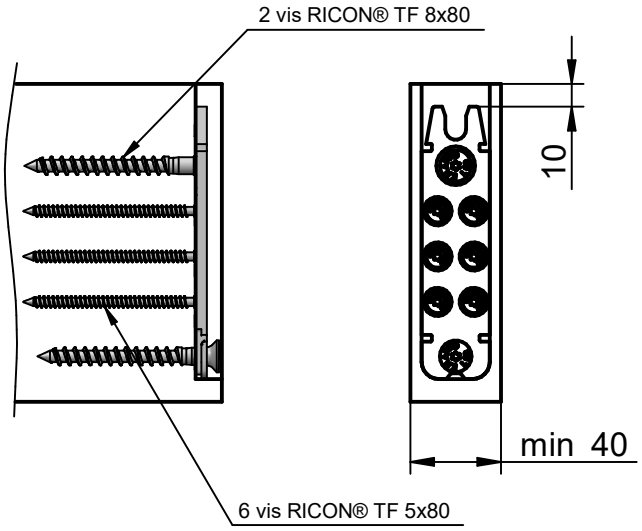
Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

Détail du perçage sur le poteau

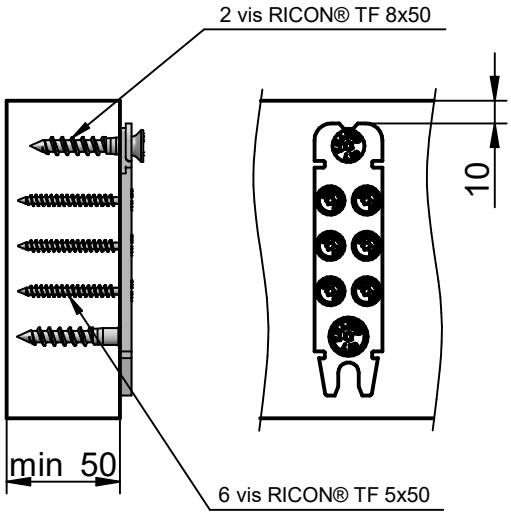


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

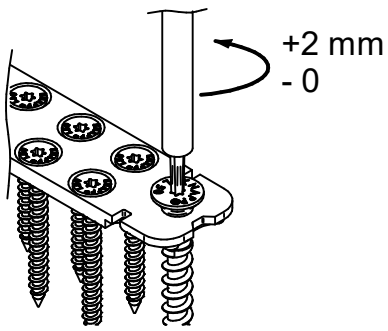
Détail du vissage sur la traverse



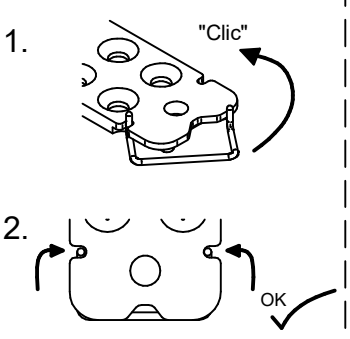
Détail du vissage sur le poteau



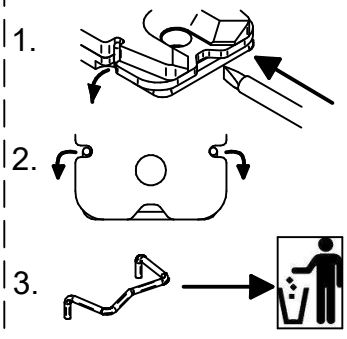
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille



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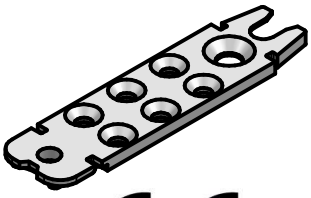


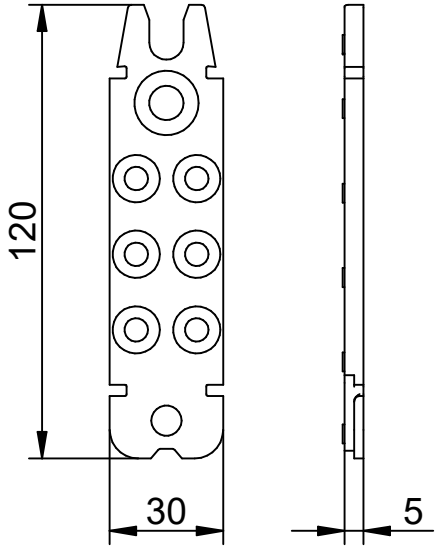
Notice de montage

RICON® 120/30 - A2

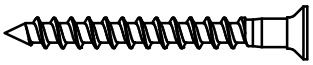
ETA-10/0189

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

RICON® 120/30



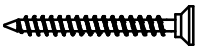
Vis RICON® TF 8x80



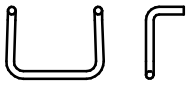
Vis RICON® TF 8x50

Vis RICON® TF 5x80

Vis RICON® TF 5x50

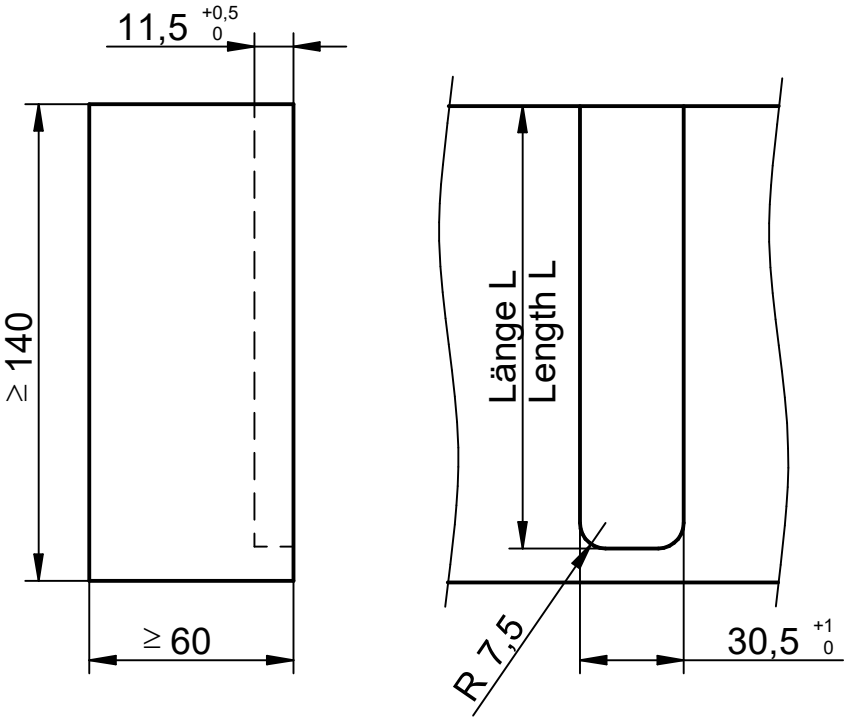


Goupille de verrouillage



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]
140	130
160	140
180	150
200	170
220	180
240	190

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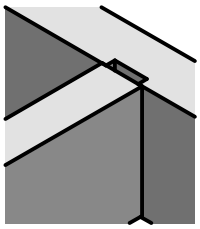


Notice de montage

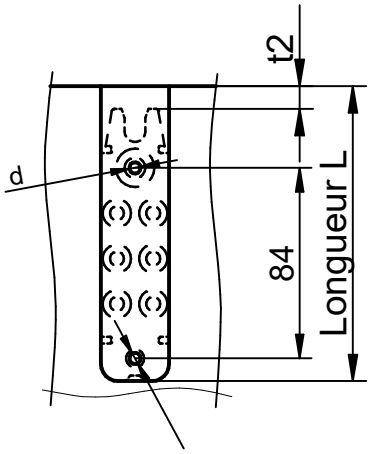
RICON® 120/30 EA - A2

Réf. K277

Assemblage simple

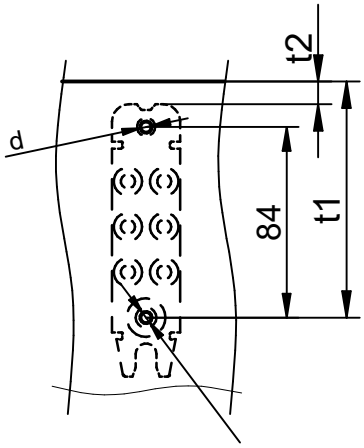
Assemblages poutres principale - secondaire

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

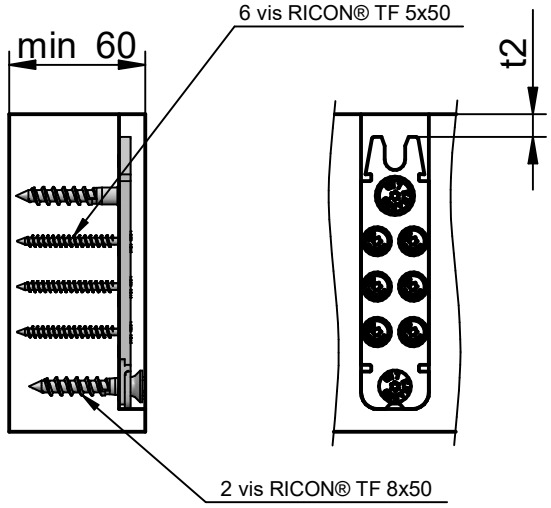


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

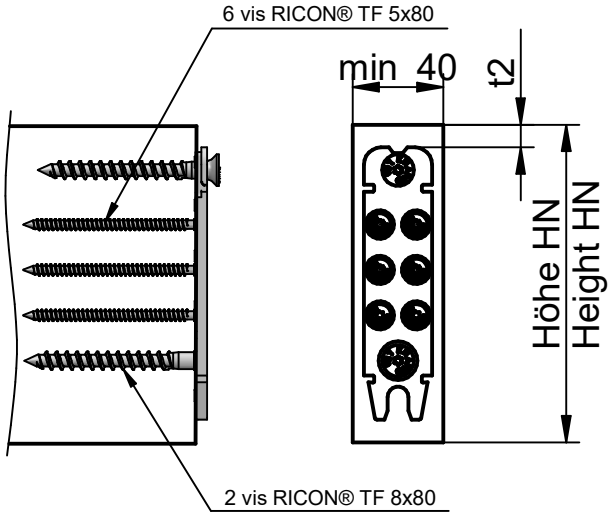
Distance de perçage t1 et t2 en relation avec la poutre secondaire HN

Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
140	104	10
160	114	20
180	124	30
200	144	50
220	154	60
240	164	70

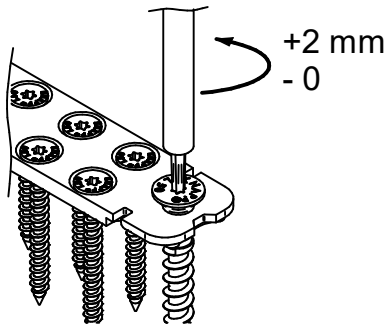
Détail du vissage sur la poutre principale



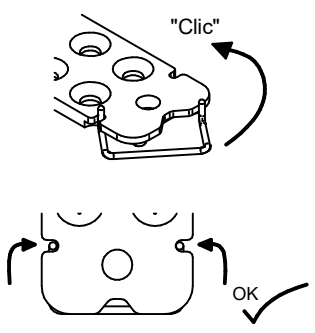
Détail du vissage sur la poutre secondaire



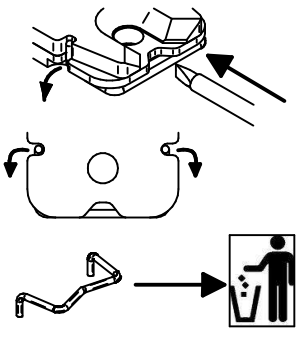
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille



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