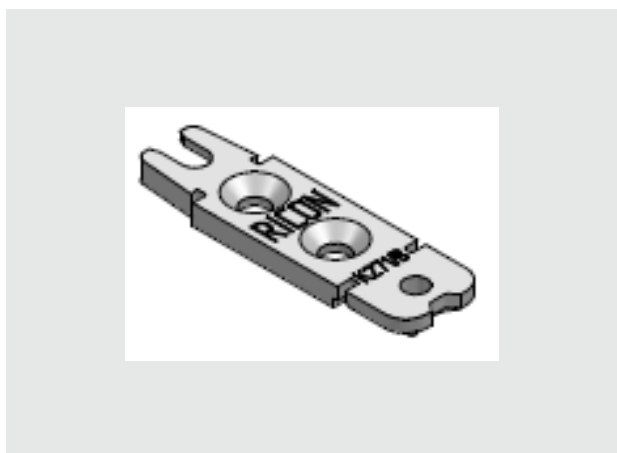
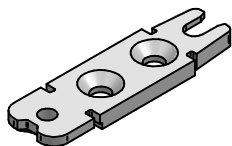




Art.-Nr.

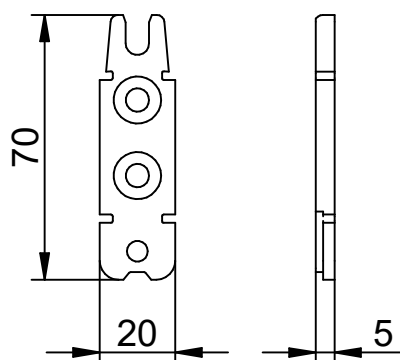


ETA-10/0189

Montageanleitung RICON® 70/20 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

RICON® 70/20



RICON® SK 5x80



RICON® SK 5x50



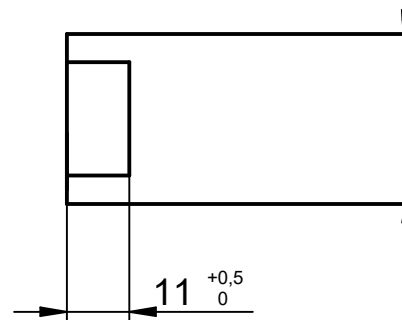
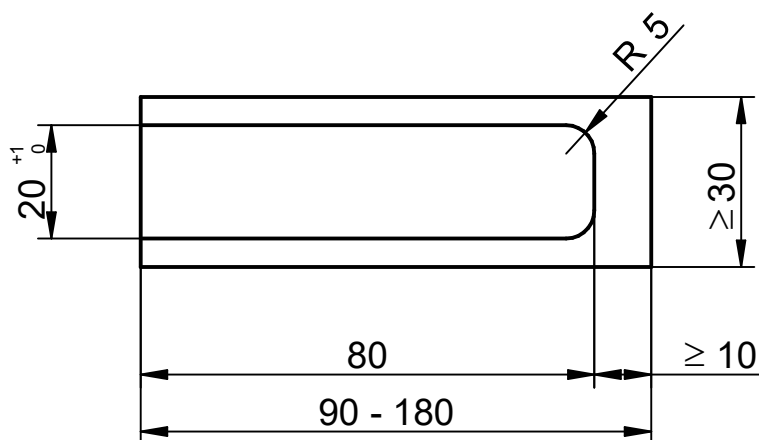
RICON® Sperrbügel



Einzelanschluss

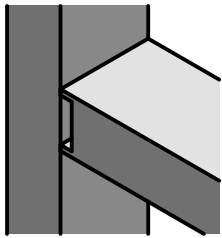
Pfosten-Riegelverbindung

Riegel Fräsbild



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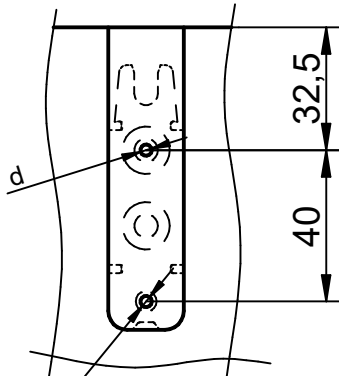


RICON® 70/20 EA - A2

Art. Nr. K271

Einzelanschluss
Pfosten-Riegelverbindung

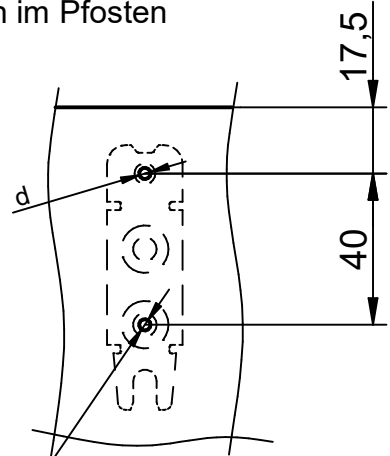
Vorbohrungen im Riegel



Nadelholz: d...Ø 3mm, 30mm tief vorbohren

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

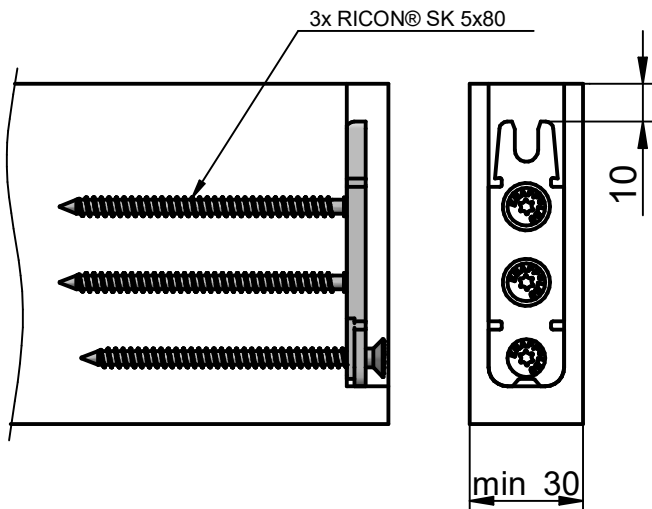
Vorbohrungen im Pfosten



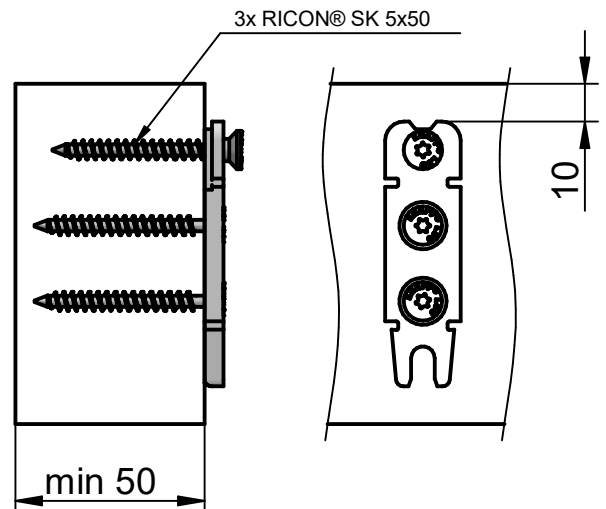
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Laubholz: d...Ø 3,5mm, 45mm tief vorbohren

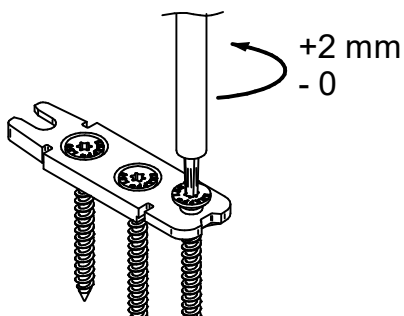
Verschraubung im Riegel



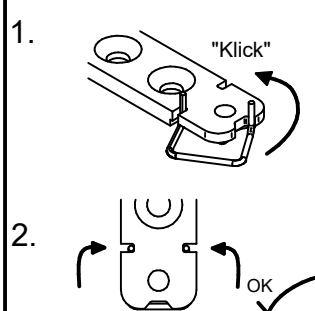
Verschraubung im Pfosten



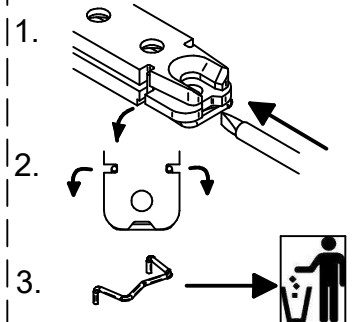
Justierbare Halteschraube

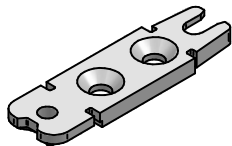


Sperrbügel einlegen



Sperrbügel lösen



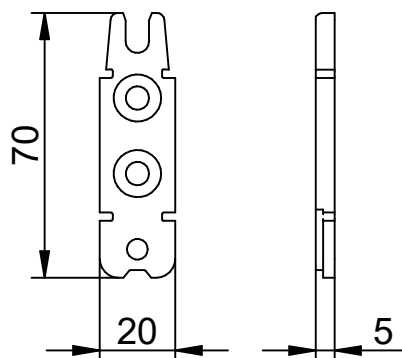


ETA-10/0189

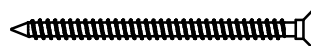
Montageanleitung RICON® 70/20 - A2

Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung

RICON® 70/20



RICON® SK 5x80



RICON® SK 5x50



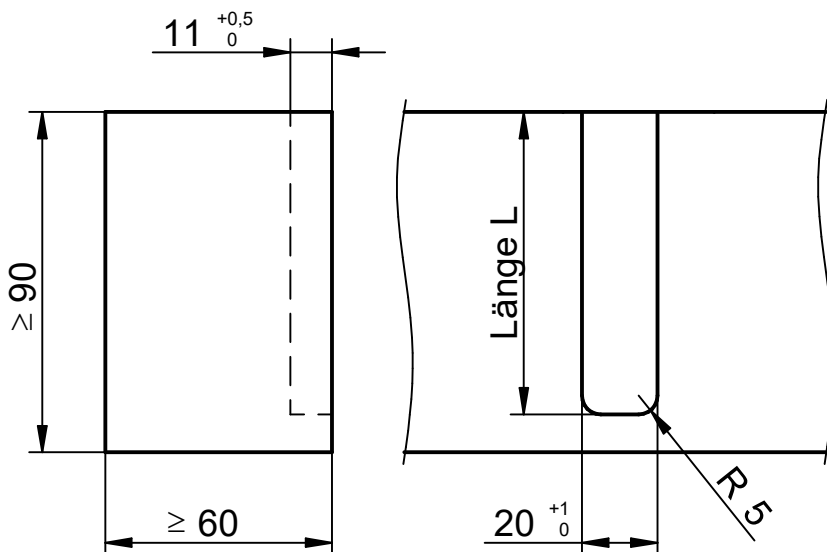
RICON® Sperrbügel



Einzelanschluss

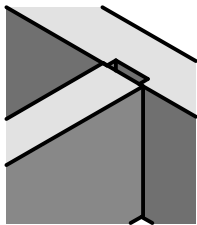
Haupt-Nebenträgerverbindung

Hauptträger Fräsbild



Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Länge L [mm]
90	80
100	85
120	95
140	105
160	115
180	125

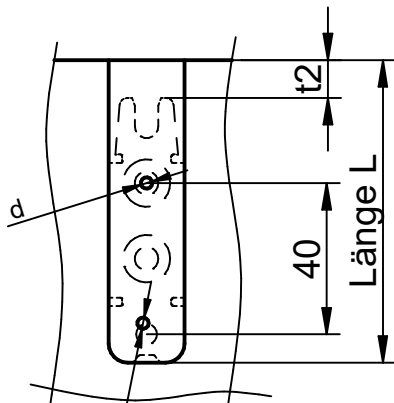


RICON® 70/20 EA - A2

Art. Nr. K271

**Einzelanschluss
Haupt-Nebenträger Verbindung**

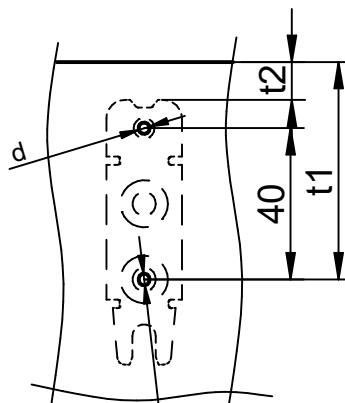
Vorbohrungen im Hauptträger



Nadelholz: d...Ø 3mm, 30mm tief vorbohren

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

Vorbohrungen im Nebenträger



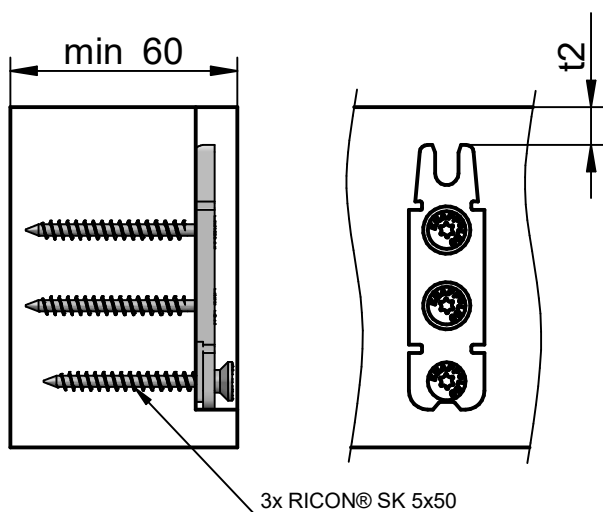
Nadelholz: d...Ø 3mm, 30mm tief vorbohren

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

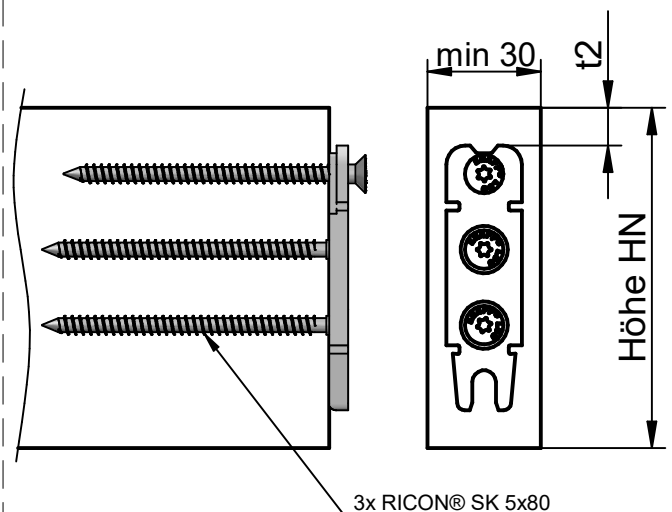
Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
90	57,5	10
100	62,5	15
120	72,5	25
140	82,5	35
160	92,5	45
180	102,5	55

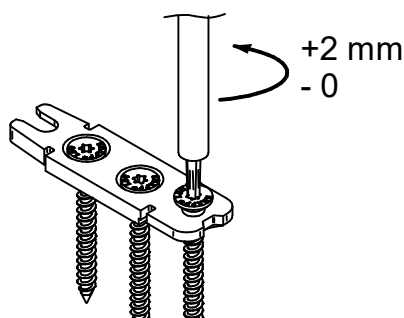
Verschraubung im Hauptträger



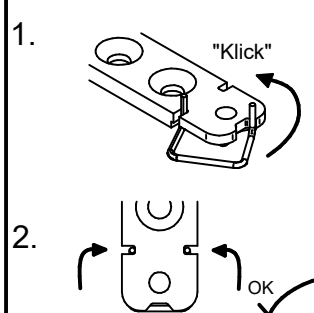
Verschraubung im Nebenträger



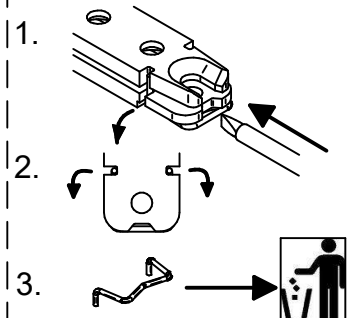
Justierbare Halteschraube



Sperrbügel einlegen

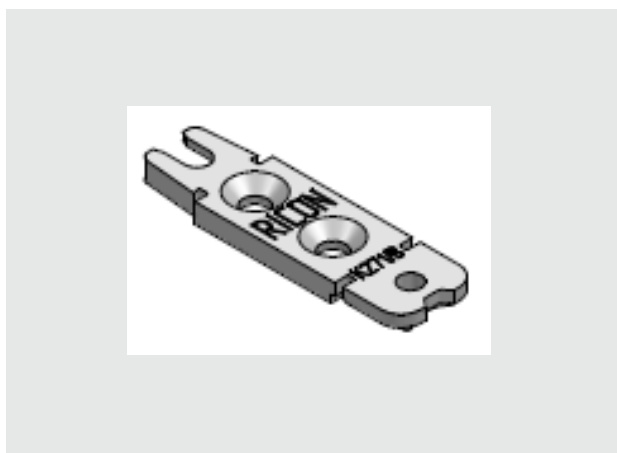


Sperrbügel lösen

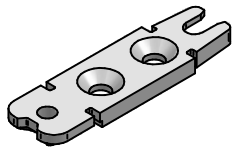




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Art.-No.



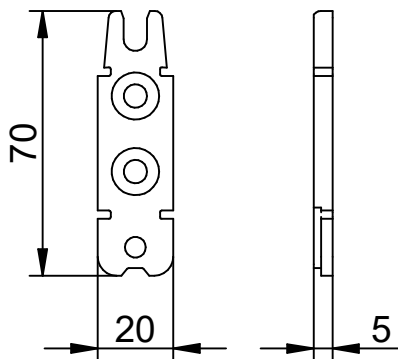
ETA-10/0189

Construction Manual

RICON® 70/20 - A2

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

RICON® 70/20



RICON® CS 5x80



RICON® CS 5x50



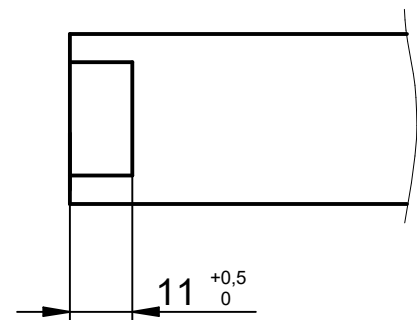
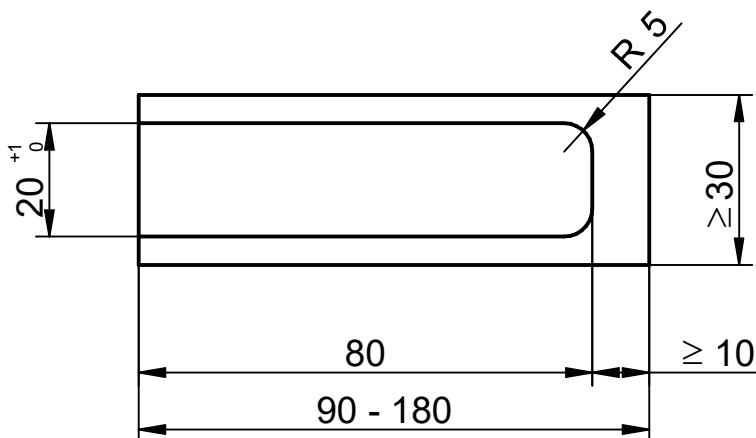
RICON® Locking clip

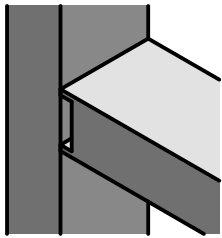


single connection

post and beamconnection

Milling pattern Beam



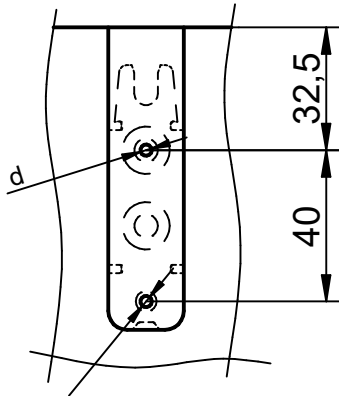


RICON® 70/20 EA - A2

Art. No. K271

single connection
post and beam

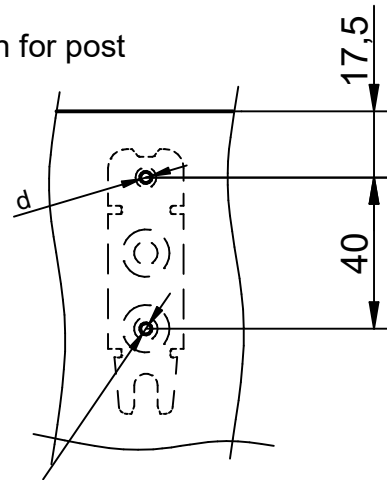
drilling pattern for beam



Softwood: d...Ø 3mm, 30mm pre-drilling

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

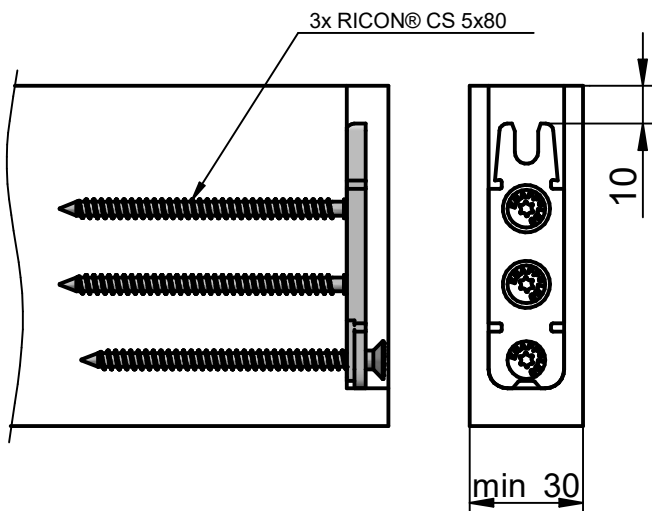
drilling pattern for post



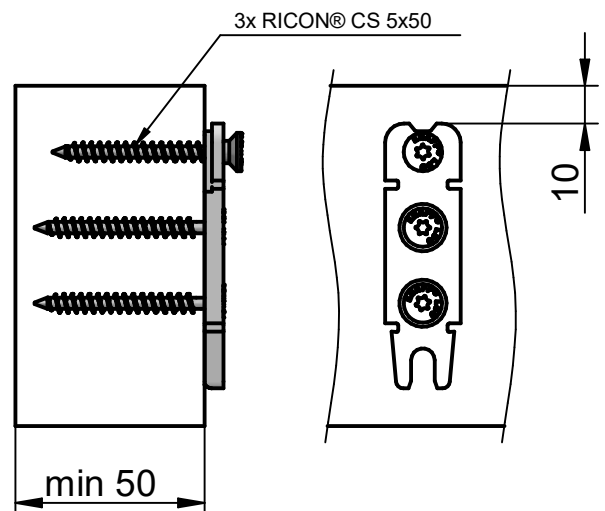
Softwood: d...Ø 3mm, 30mm pre-drilling

Hardwood: d...Ø 3,5mm, 45mm deep predrilling

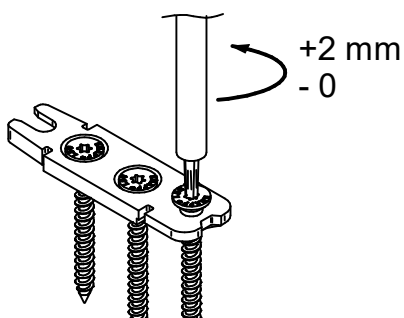
screw pattern for beam



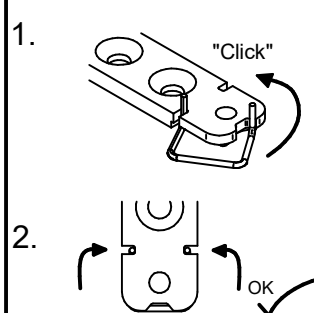
screw pattern for post



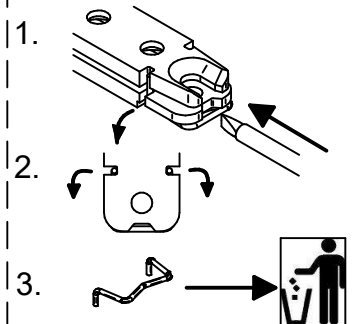
screw depth adjustable

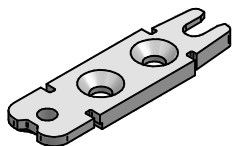


Locking clip assembly



Locking clip removal





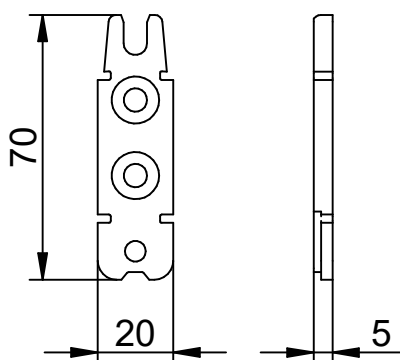
ETA-10/0189

Construction Manual

RICON® 70/20 - A2

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

RICON® 70/20



RICON® CS 5x80



RICON® CS 5x50



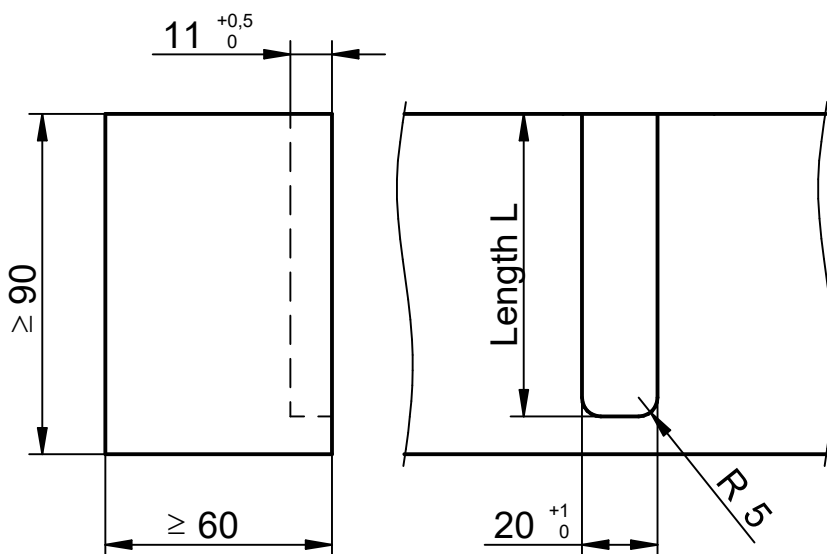
RICON® Locking clip



single connection

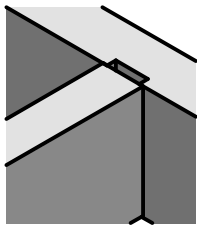
main beam, secondary beam connection

Milling pattern main beam



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

Height HN [mm]	Length L [mm]
90	80
100	85
120	95
140	105
160	115
180	125



RICON® 70/20 EA - A2

Art. No. K271

single connection
main beam, secondary beam connection

drilling pattern for main beam

Softwood: d...Ø 3mm, 30mm pre-drilling
Hardwood: d...Ø 3,5mm, 45mm pre-drilling

drilling pattern for secondary beam

Drilling dimensions t1 and distance t2 depending on the secondary beam height HN		
Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
90	57,5	10
100	62,5	15
120	72,5	25
140	82,5	35
160	92,5	45
180	102,5	55

Softwood: d...Ø 3mm, 30mm pre-drilling
Hardwood: d...Ø 3,5mm, 75mm pre-drilling

screw pattern for main beam

screw pattern for secondary beam

screw depth adjustable

Locking clip assembly

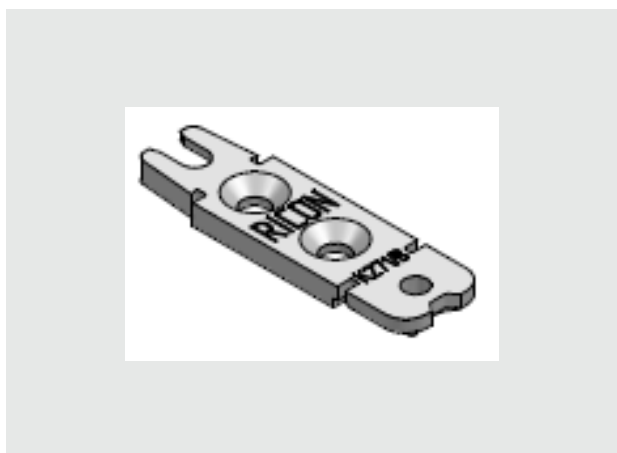
Locking clip removal

This drawing is the property of Knapp GmbH.

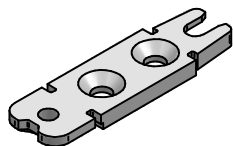
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Réf.

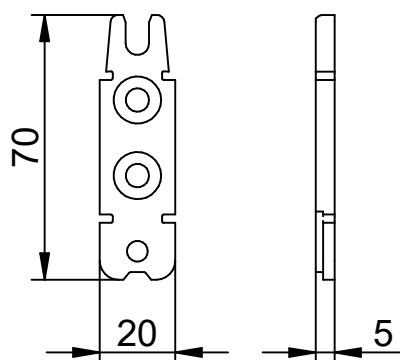


Notice de montage

RICON® 70/20 - A2

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

RICON® 70/20



Vis RICON® TF 5x80



Vis RICON® TF 5x50



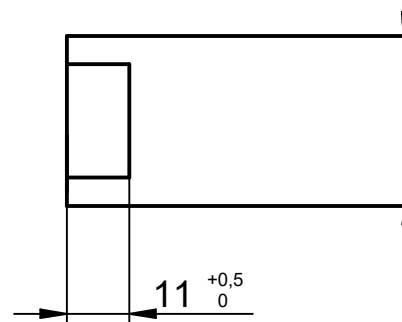
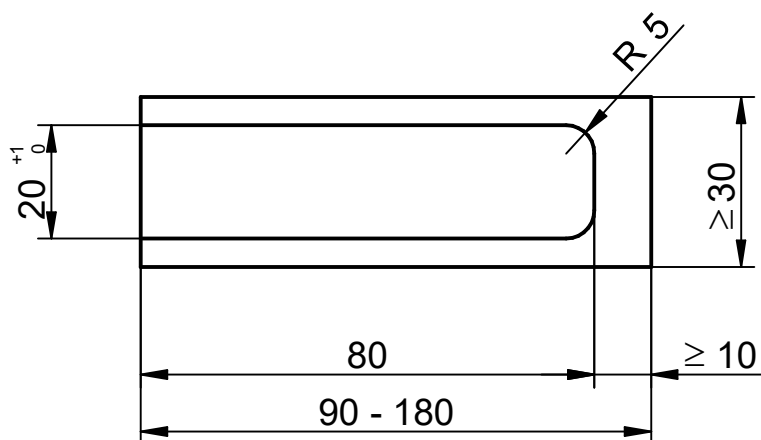
Goupille de verrouillage

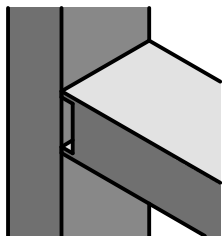


Assemblage simple

Assemblage poteau - traverse

Détails du fraisage traverse



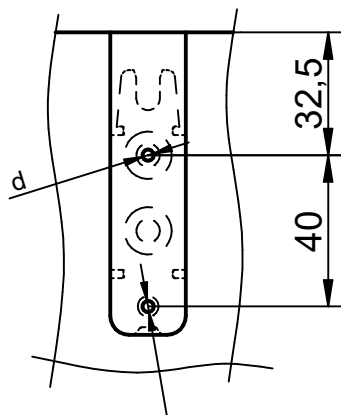


RICON® 70/20 EA - A2

Réf. K271

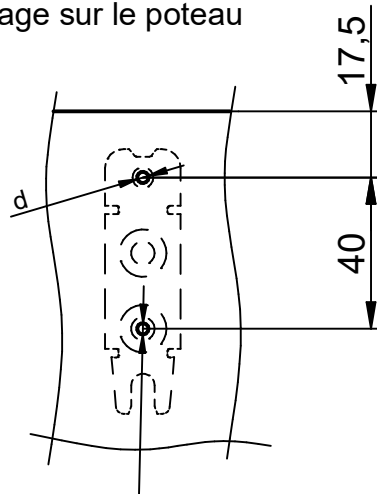
Assemblage simple
Assemblages poteau - traverse

Détail du perçage sur la traverse



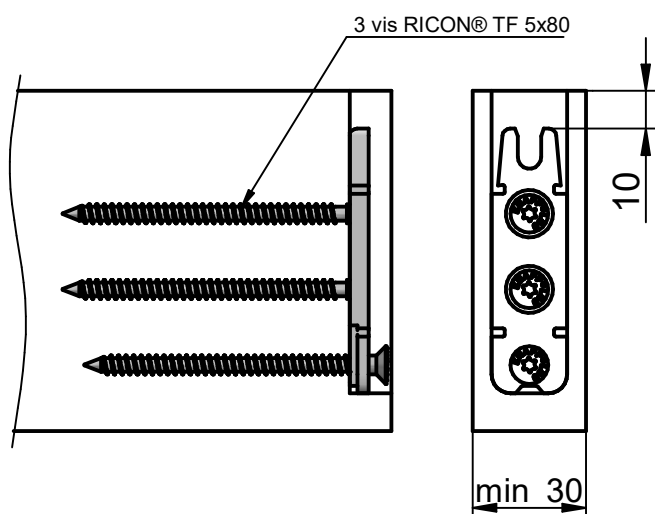
Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 75mm

Détail du perçage sur le poteau

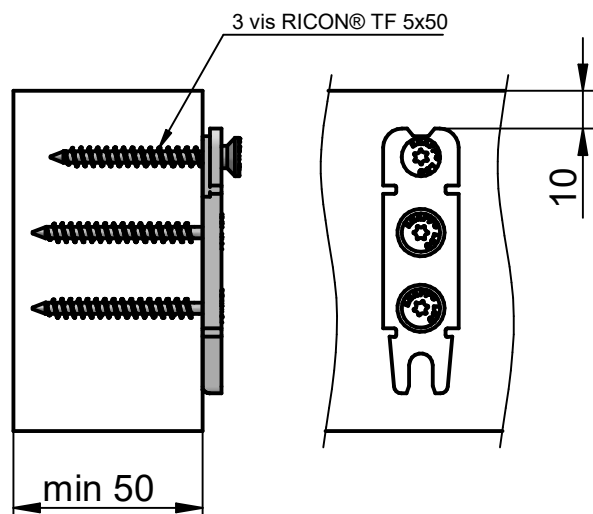


Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 45mm

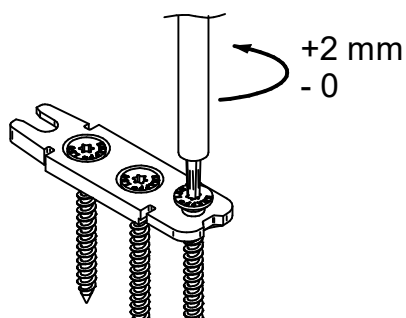
Détail du vissage sur la traverse



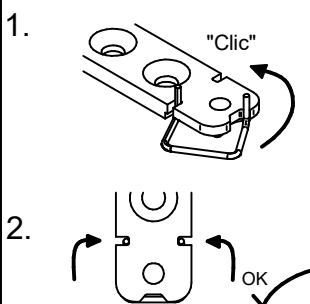
Détail du vissage sur le poteau



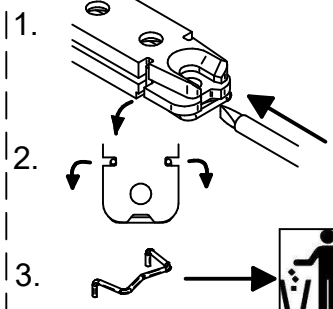
Régler la vis d'accroche

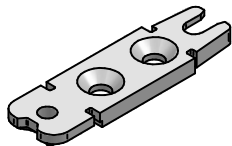


Mettre la goupille en place



Déverrouiller la goupille





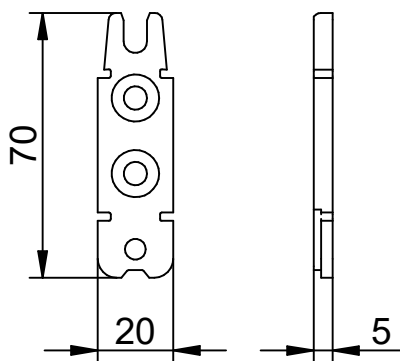
ETA-10/0189

Notice de montage

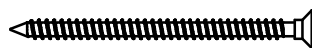
RICON® 70/20 - A2

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

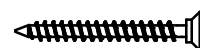
RICON® 70/20



Vis RICON® TF 5x80



Vis RICON® TF 5x50



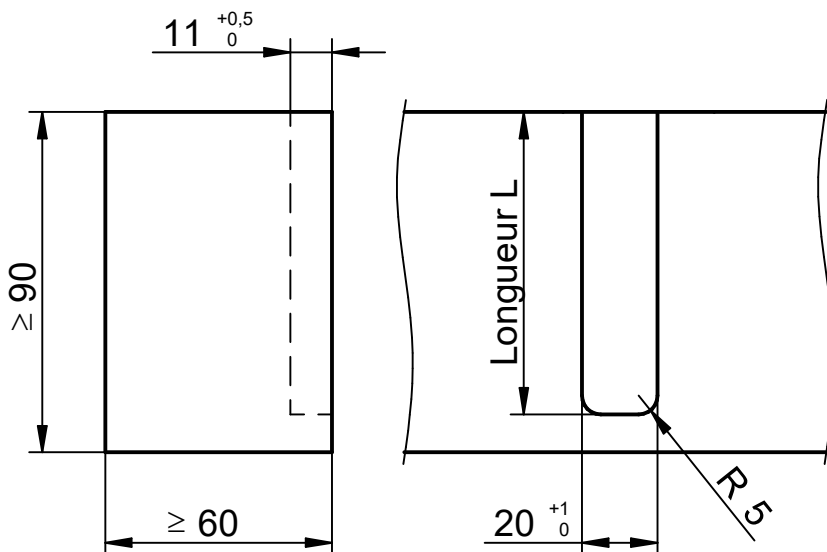
Goupille de verrouillage



Assemblage simple

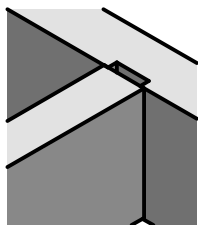
Assemblage poutres principale - secondaire

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]
90	80
100	85
120	95
140	105
160	115
180	125

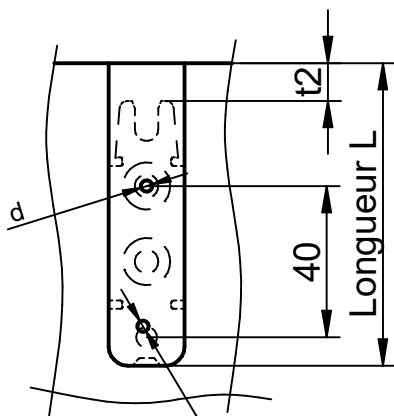


RICON® 70/20 EA - A2

Réf. K271

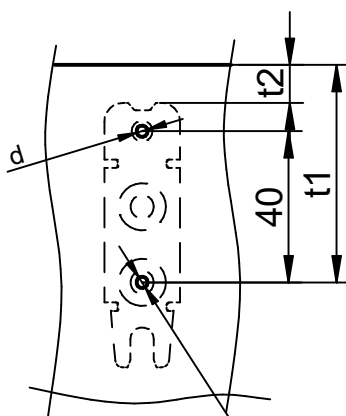
Assemblage simple
Assemblages poutres principale - secondaire

Détail du perçage sur la poutre principale



Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 45mm

Détail du perçage sur la poutre secondaire

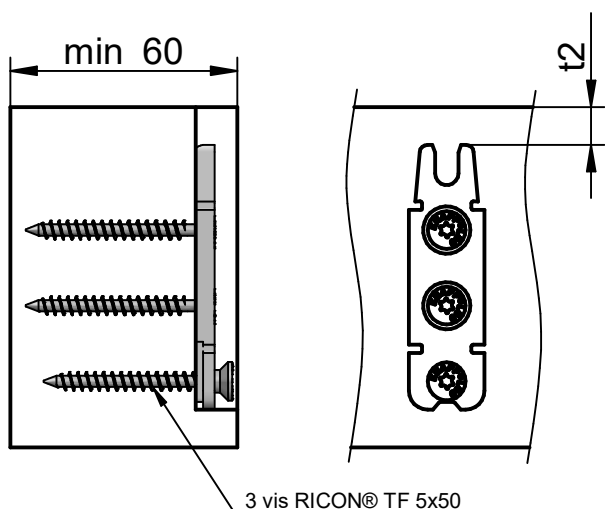


Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 75mm

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

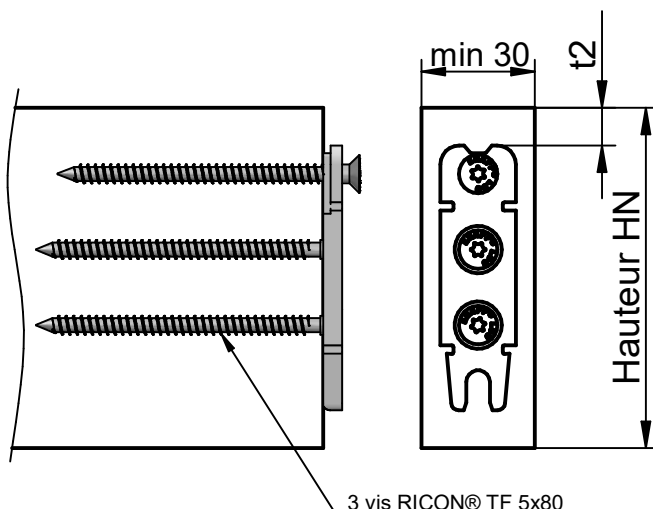
Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
90	57,5	10
100	62,5	15
120	72,5	25
140	82,5	35
160	92,5	45
180	102,5	55

Détail du vissage sur la poutre principale



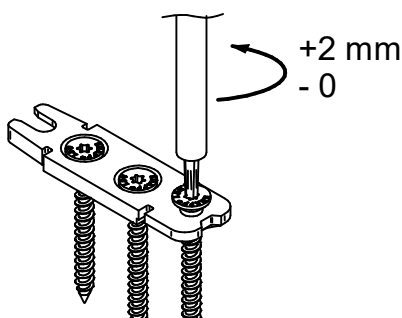
3 vis RICON® TF 5x50

Détail du vissage sur la poutre secondaire

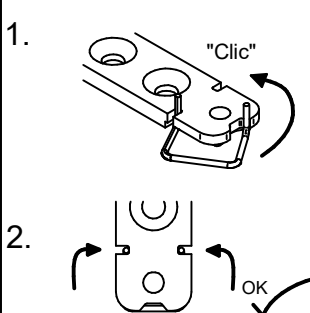


3 vis RICON® TF 5x80

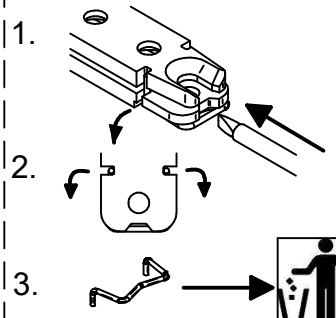
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille





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