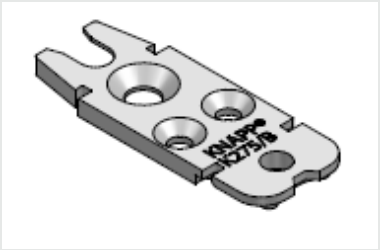
Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

RICON® 80/30 Edelstahl

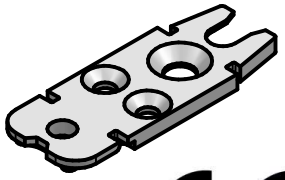


Art.-Nr. K275

© 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

KNAPP®
connectors.com



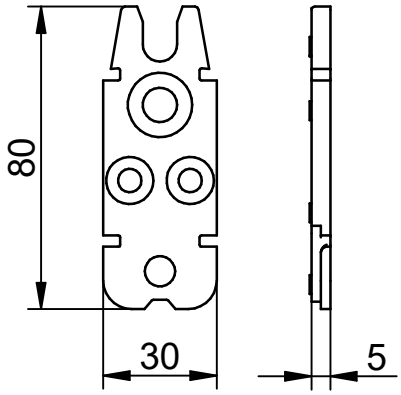
ETA-10/0189

Montageanleitung

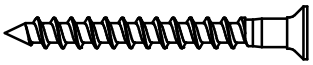
RICON® 80/30 - A2

Pfosten-Riegelverbindung in Edelstahl
mit ETA Zulassung

RICON® 80/30

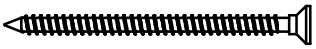


RICON® SK 8x80

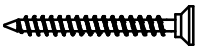


RICON® SK 8x50

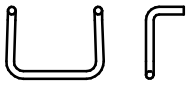
RICON® SK 5x80



RICON® SK 5x50

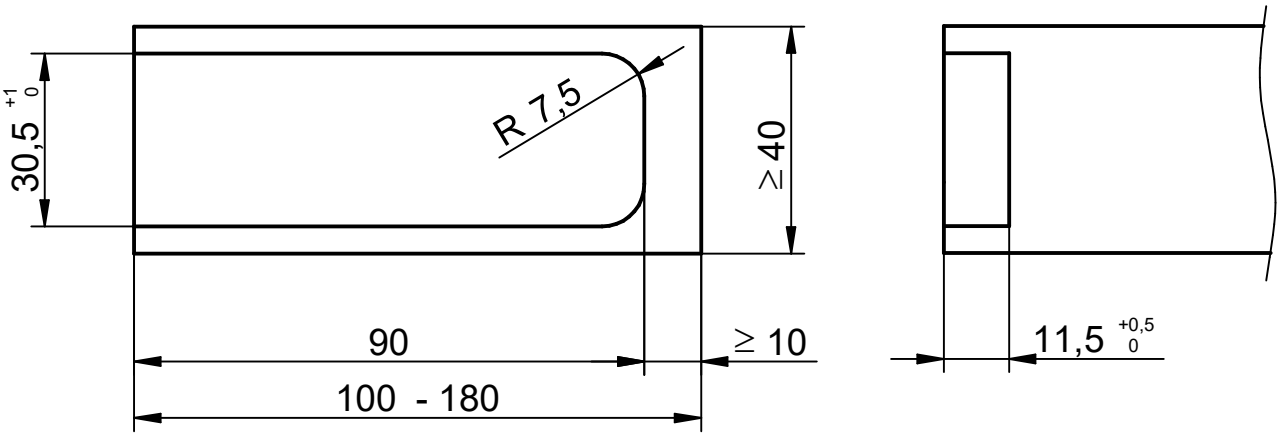


RICON® Sperrbügel



Einzelanschluss **Pfosten-Riegelverbindung**

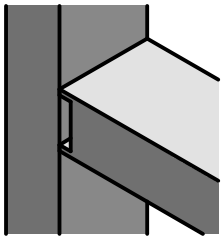
Riegel Fräsbild



Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 09. 02. 2021

KNAPP® verbinder.com



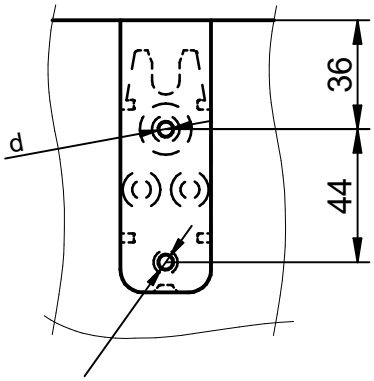
Montageanleitung

RICON® 80/30 EA - A2

Art. Nr. K275

Einzelanschluss
Pfosten-Riegelverbindung

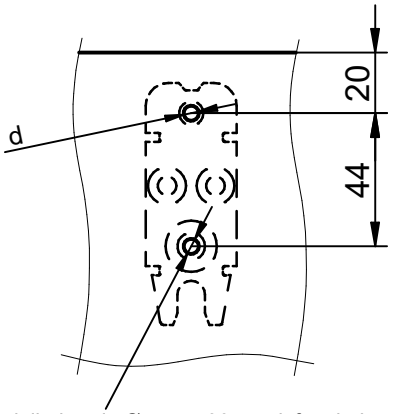
Vorbohrungen im Riegel



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

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

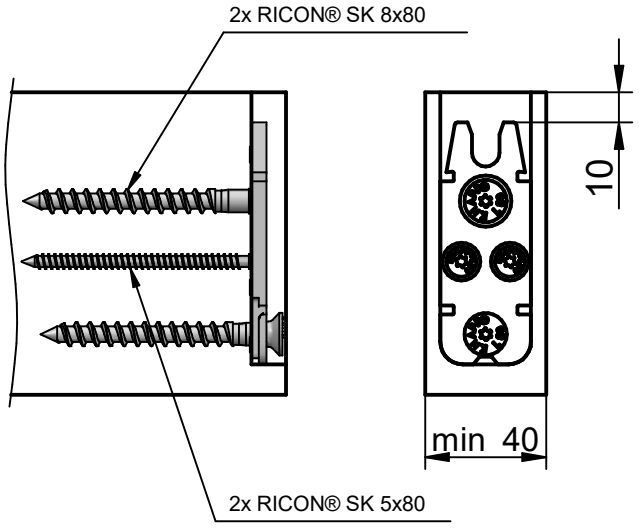
Vorbohrungen im Pfosten



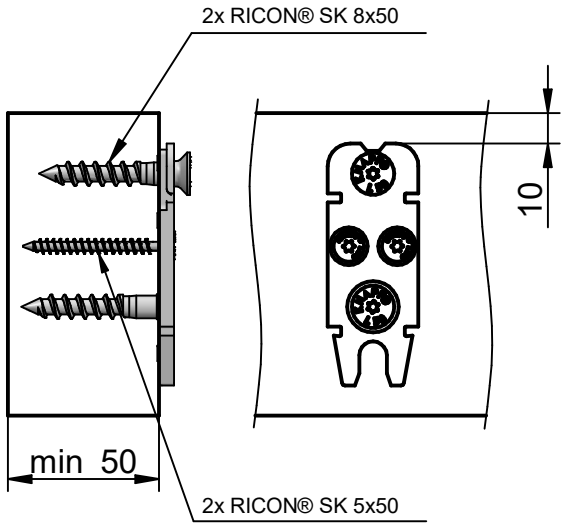
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

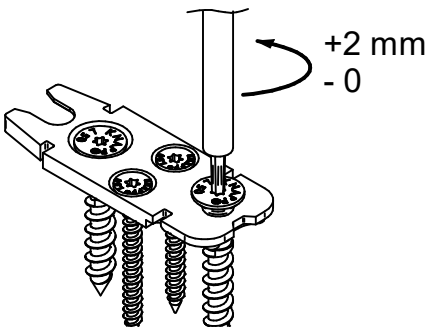
Verschraubung im Riegel



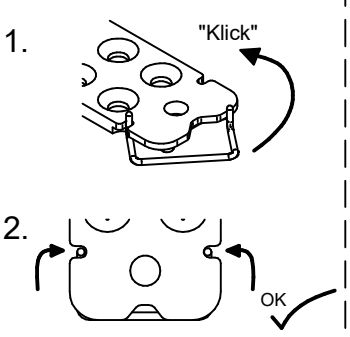
Verschraubung im Pfosten



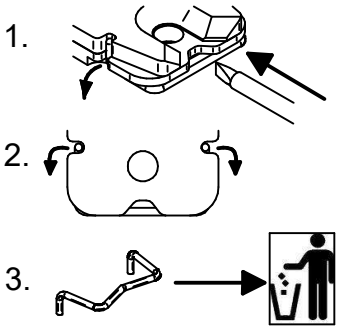
Justierbare Halteschraube



Sperrbügel einlegen



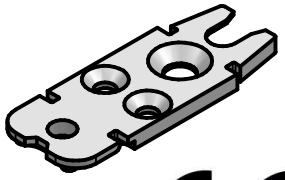
Sperrbügel lösen



Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 09. 02. 2021

KNAPP® verbinder.com



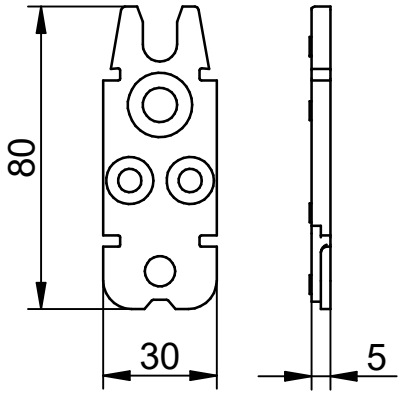
ETA-10/0189

Montageanleitung

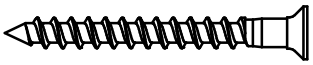
RICON® 80/30 - A2

Haupt- Nebenträgerverbindung in Edelstahl
mit ETA Zulassung

RICON® 80/30

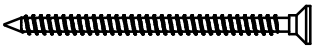


RICON® SK 8x80

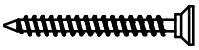


RICON® SK 8x50

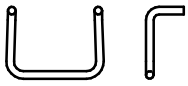
RICON® SK 5x80



RICON® SK 5x50

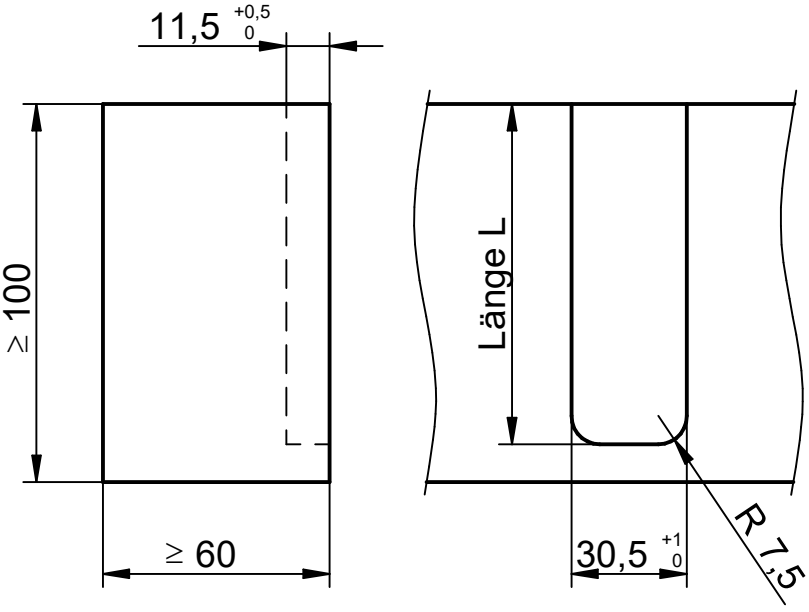


RICON® Sperrbügel



Einzelanschluss | **Haupt-Nebenträgerverbindung**

Hauptträger Fräsbild

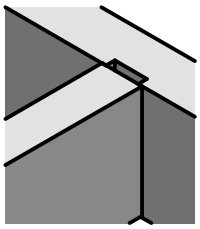


Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN	
Höhe HN [mm]	Länge L [mm]
100	90
120	110
140	130
160	140
180	150

Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 09. 02. 2021

KNAPP® verbinder.com



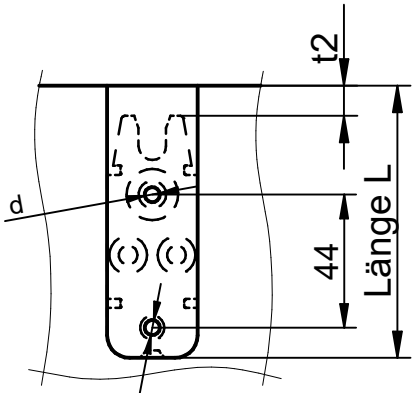
Art. Nr. K275

Montageanleitung

RICON® 80/30 EA - A2

Einzelanschluss
Haupt-Nebenträger Verbindung

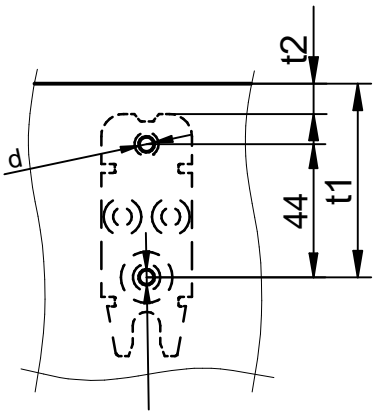
Vorbohrungen im Hauptträger



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

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

Vorbohrungen im Nebenträger



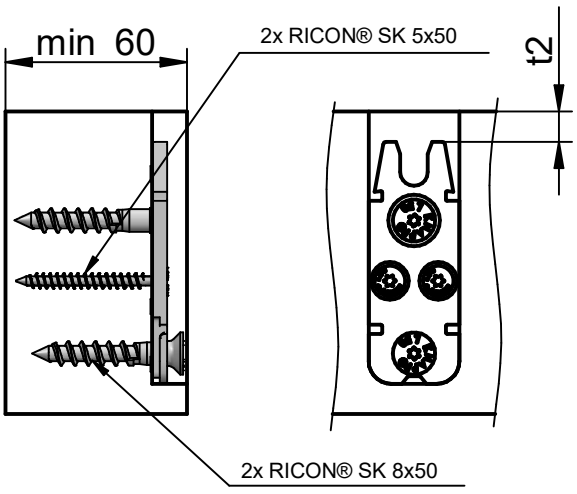
Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

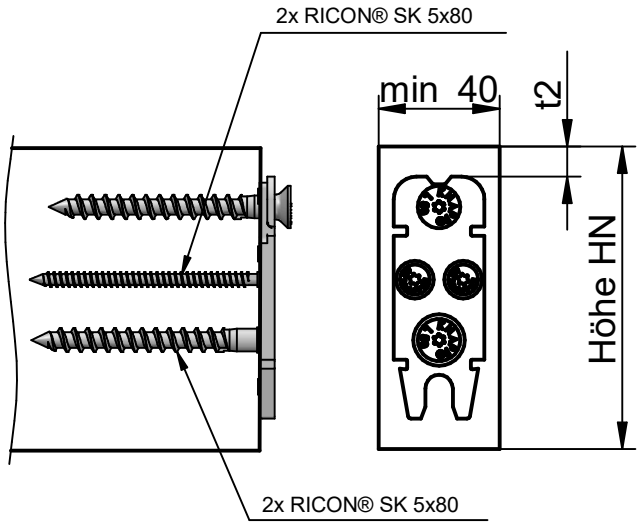
Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN

Höhe HN [mm]	Abstand t1 [mm]	Abstand t2 [mm]
100	64	10
120	84	30
140	104	50
160	114	60
180	124	70

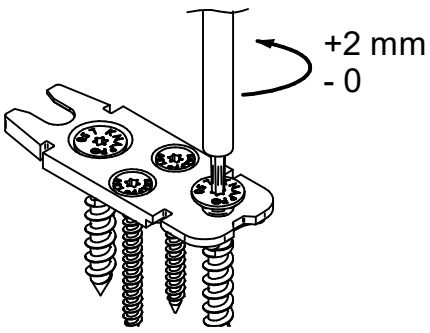
Verschraubung im Hauptträger



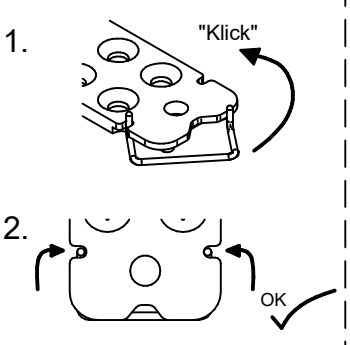
Verschraubung im Nebenträger



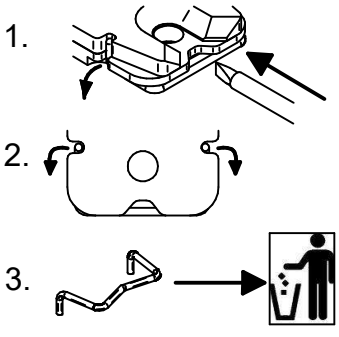
Justierbare Halteschraube



Sperrbügel einlegen



Sperrbügel lösen



Diese Zeichnung ist Eigentum der Knapp GmbH.

© Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten. VERSION 09. 02. 2021

KNAPP® verbinder.com

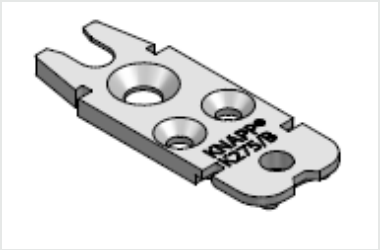
KNAPP®
connectors.com

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

Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

RICON® 80/30 Edelstahl

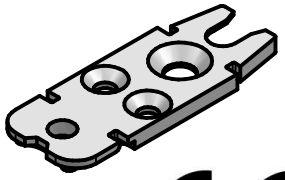


Art.-No. K275

© 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

KNAPP®
connectors.com



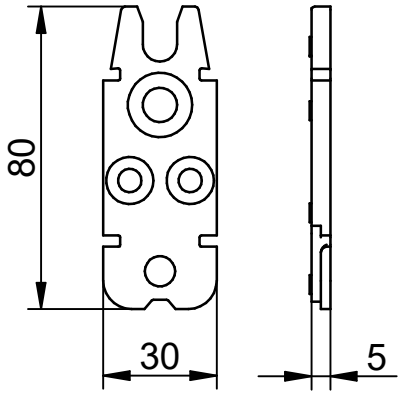
ETA-10/0189

Construction Manual

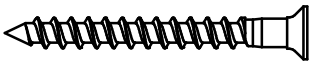
RICON® 80/30 - A2

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

RICON® 80/30

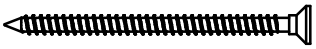


RICON® CS 8x80

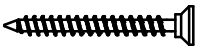


RICON® CS 8x50

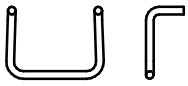
RICON® CS 5x80



RICON® CS 5x50

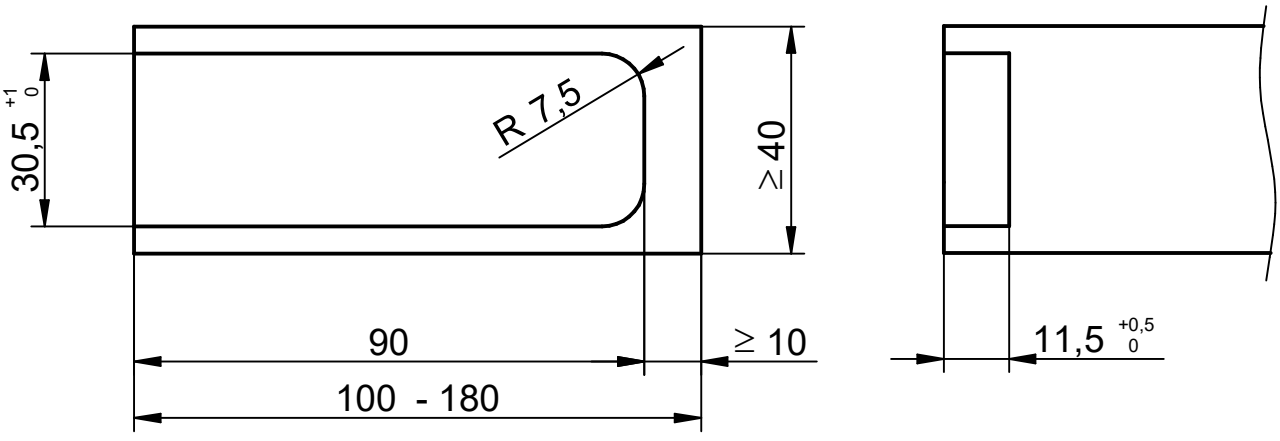


RICON® Locking clip



single connection **post and beamconnection**

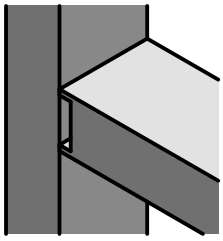
Milling pattern Beam



This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 09.02.2021

KNAPP® connectors.com



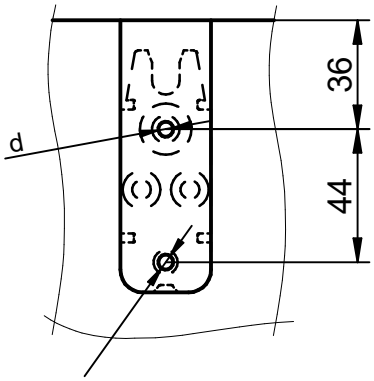
Construction Manual

RICON® 80/30 EA - A2

Art. No. K275

single connection
post and beam

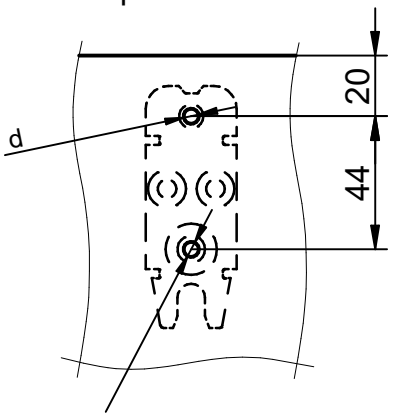
drilling pattern for beam



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

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

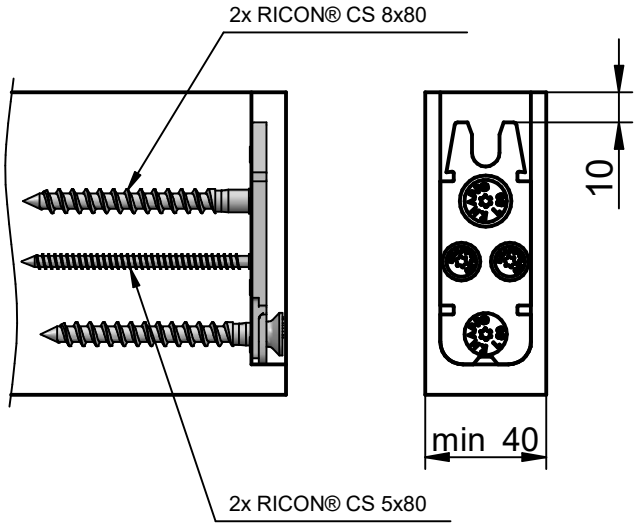
drilling pattern for post



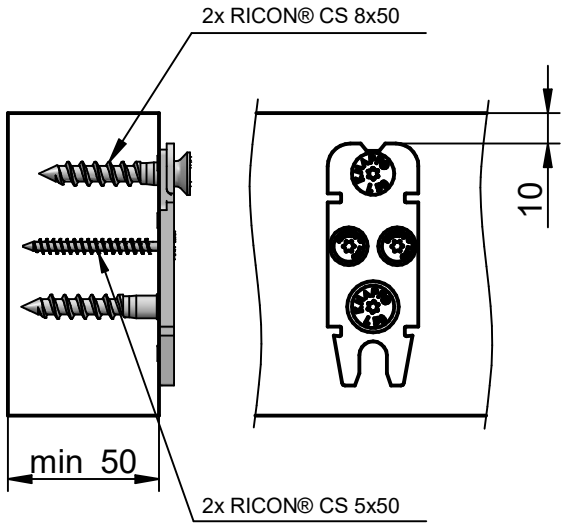
Softwood: d...Ø 5mm, 30mm pre-drilling

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

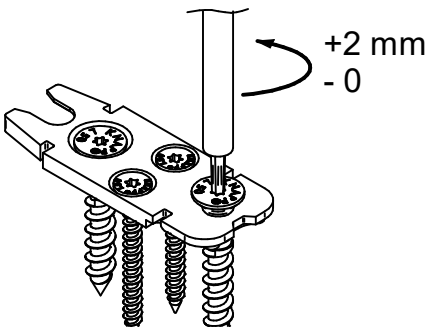
screw pattern for beam



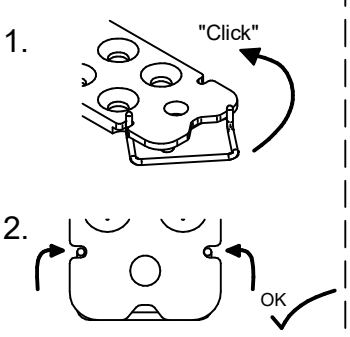
screw pattern for post



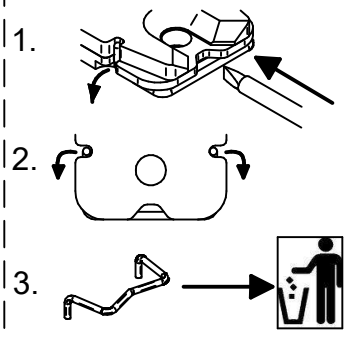
screw depth adjustable



Locking clip assembly



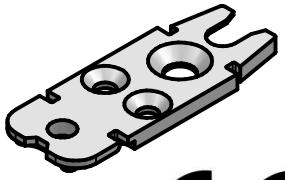
Locking clip removal



This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 09.02.2021

KNAPP®
connectors.com



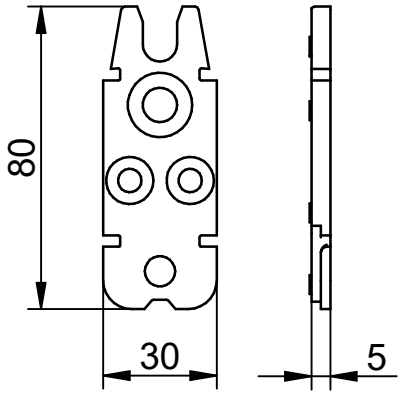
ETA-10/0189

Construction Manual

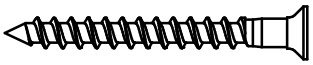
RICON® 80/30 - A2

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

RICON® 80/30



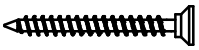
RICON® CS 8x80



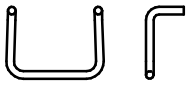
RICON® CS 8x50

RICON® CS 5x80

RICON® CS 5x50



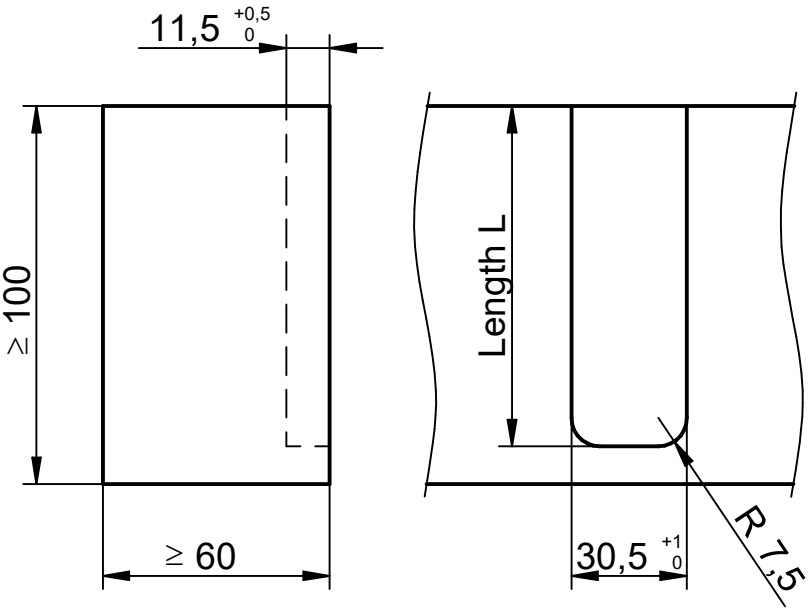
RICON® Locking clip



single connection

main beam,secondary beam connection

Milling pattern main beam

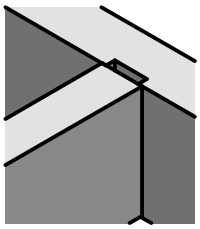


Milling length L form the main beam depending on the beam height HN:	
Height HN [mm]	Length L [mm]
100	90
120	110
140	130
160	140
180	150

This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 09.02.2021

KNAPP® connectors.com



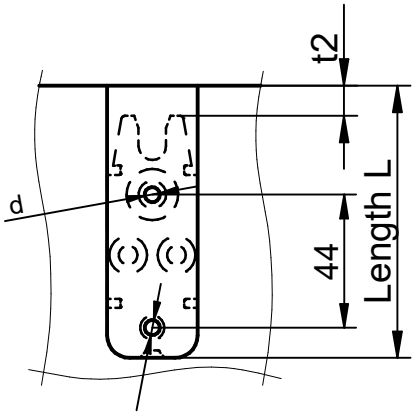
Art. No. K275

Construction Manual

RICON® 80/30 EA - A2

single connection
main beam, secondary beam connection

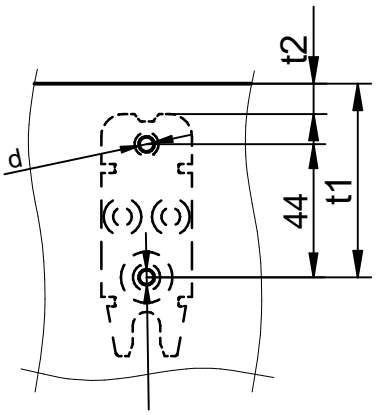
drilling pattern for main beam



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

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

drilling pattern for secondary beam



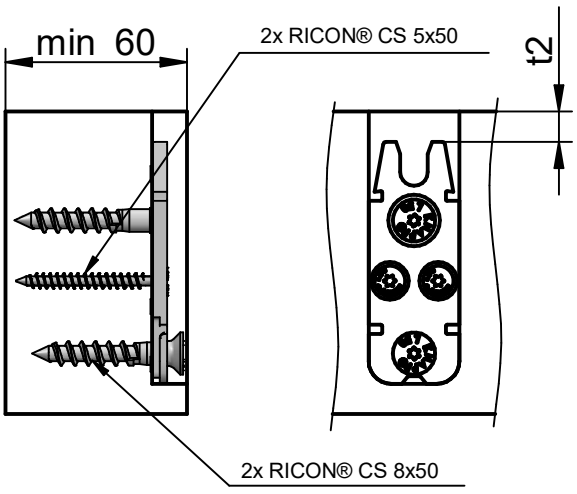
Softwood: d...Ø 5mm, 30mm pre-drilling

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

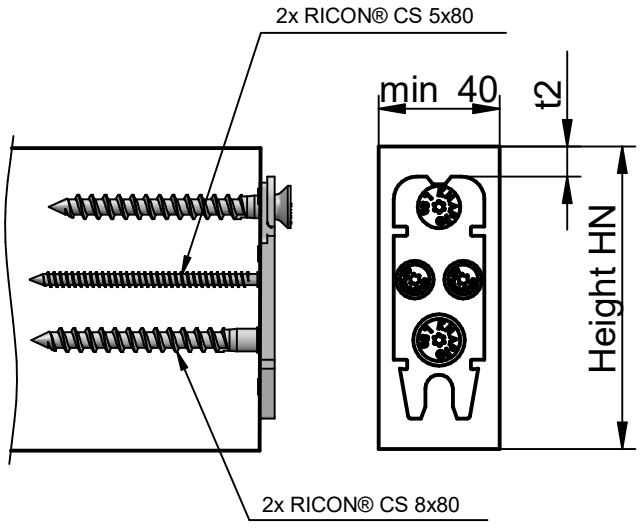
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

Height HN [mm]	Distance t1 [mm]	Distance t2 [mm]
100	64	10
120	84	30
140	104	50
160	114	60
180	124	70

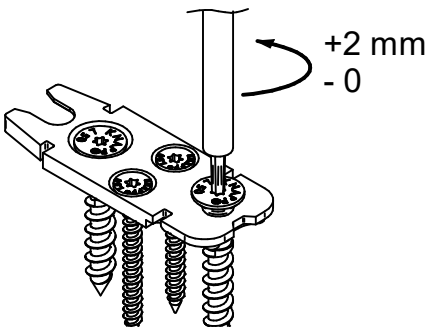
screw pattern for main beam



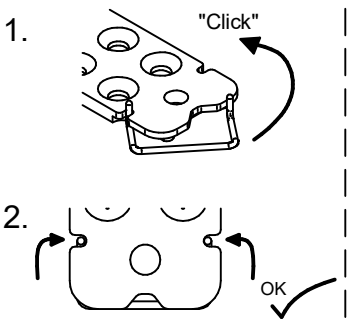
screw pattern for secondary beam



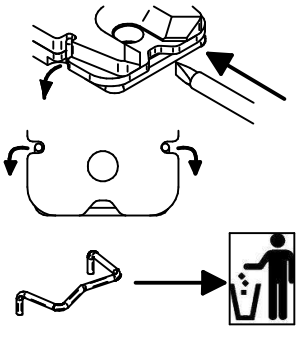
screw depth adjustable



Locking clip assembly



Locking clip removal



This drawing is the property of Knapp GmbH.

© Knapp GmbH. All measures in mm - Errors, misprints and changes reserved. VERSION 09.02.2021

KNAPP® connectors.com

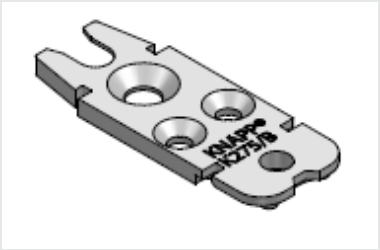
KNAPP®
connectors.com

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

Montageanleitung Construction Manual Notice de montage

VERSION **09.02.2021**

RICON® 80/30 Edelstahl

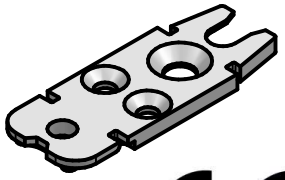


Réf. **K275**

© 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

KNAPP®
connectors.com



CE

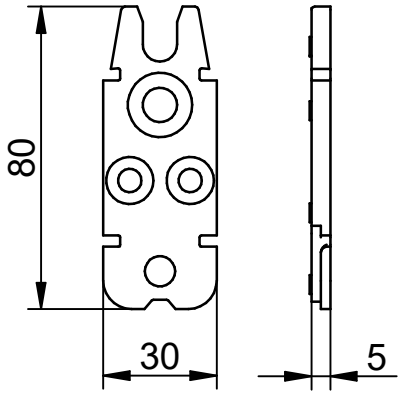
ETA-10/0189

Notice de montage

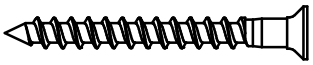
RICON® 80/30 - A2

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

RICON® 80/30



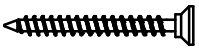
Vis RICON® TF 8x80



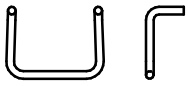
Vis RICON® TF 8x50

Vis RICON® TF 5x80

Vis RICON® TF 5x50

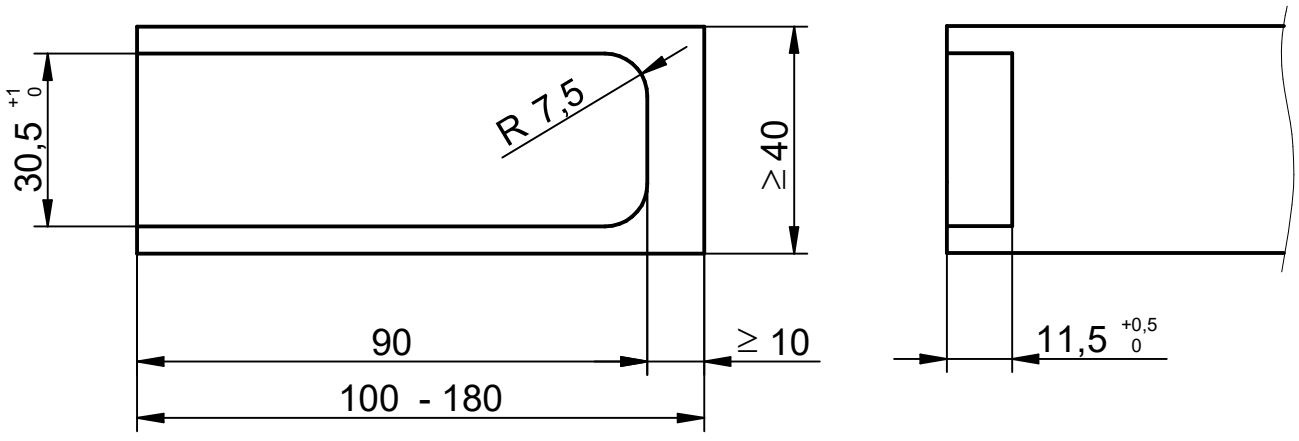


Goupille de verrouillage



Assemblage simple **Assemblage poteau - traverse**

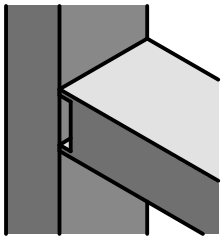
Détails du fraisage traverse



Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 08. 02. 2021

KNAPP®
connectors.com



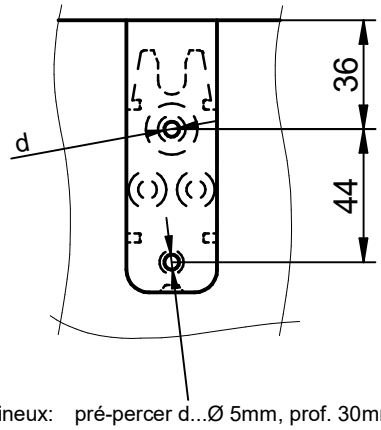
Notice de montage

RICON® 80/30 EA - A2

Réf. K275

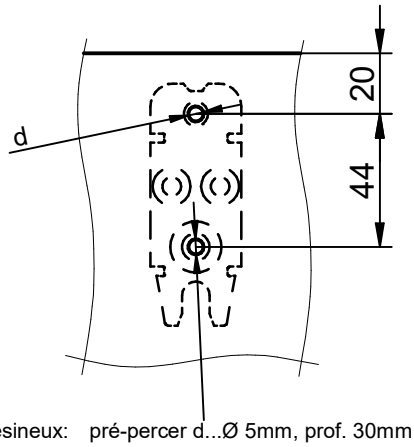
Assemblage simple
Assemblages poteau - traverse

Détail du perçage sur la traverse



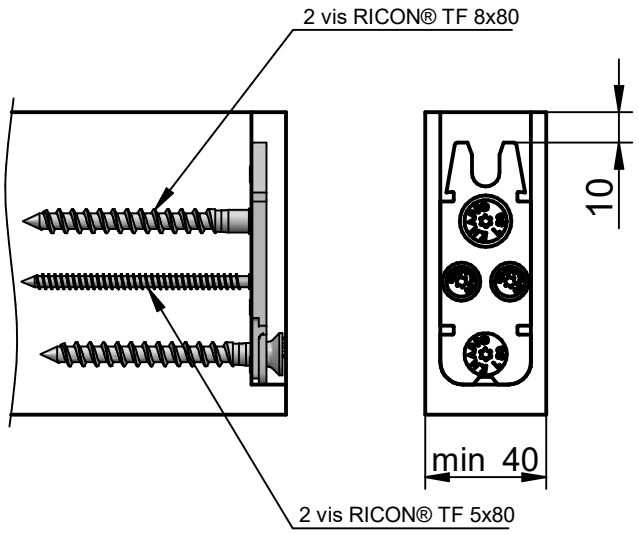
Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

Détail du perçage sur le poteau

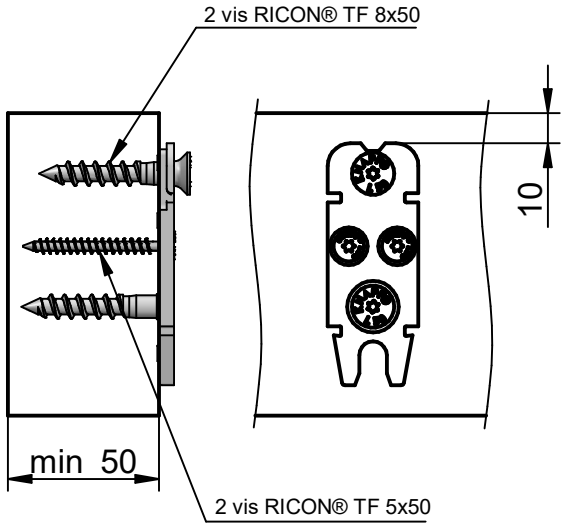


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

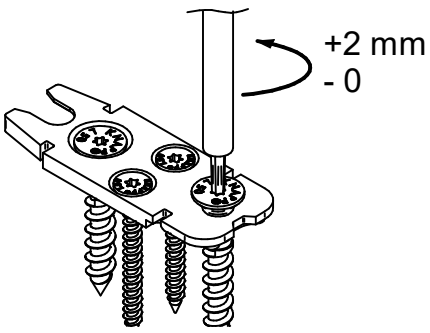
Détail du vissage sur la traverse



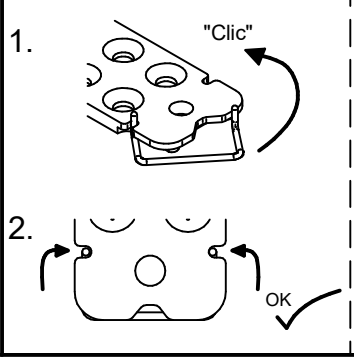
Détail du vissage sur le poteau



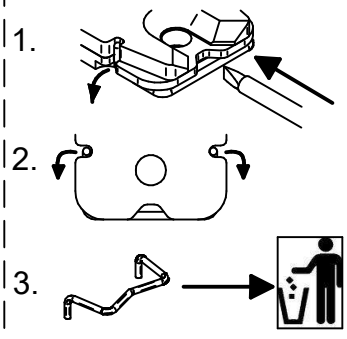
Régler la vis d'accroche



Mettre la goupille en place



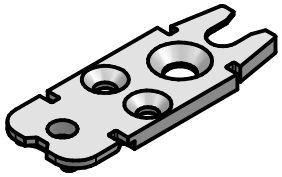
Déverrouiller la goupille



Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 08. 02. 2021

KNAPP®
connectors.com



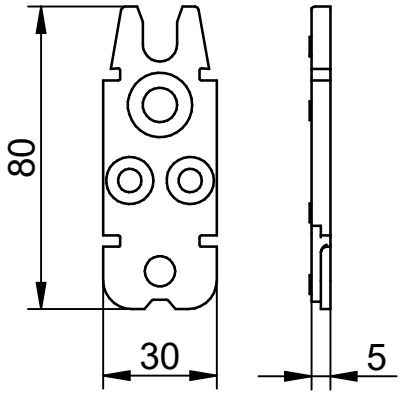
Notice de montage

RICON® 80/30 - A2

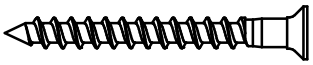
ETA-10/0189

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

RICON® 80/30



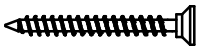
Vis RICON® TF 8x80



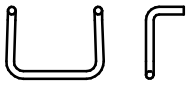
Vis RICON® TF 8x50

Vis RICON® TF 5x80

Vis RICON® TF 5x50

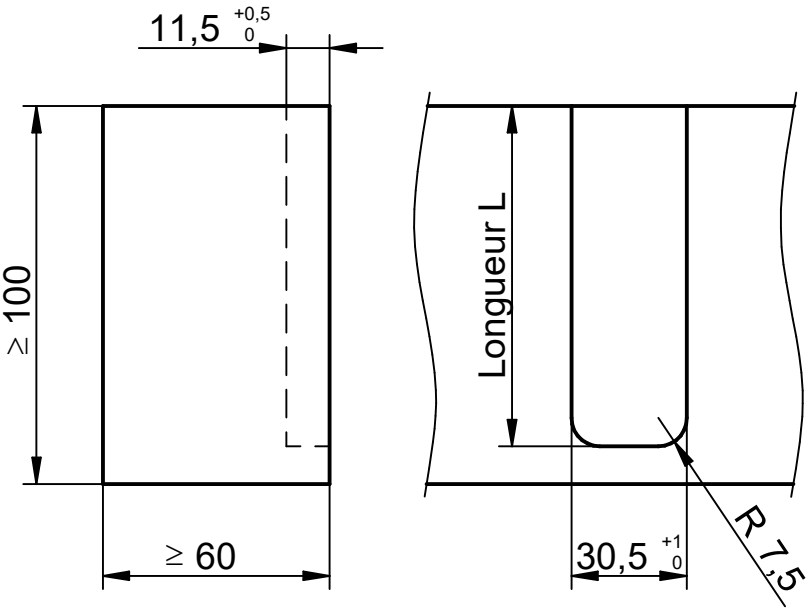


Goupille de verrouillage



Assemblage simple **Assemblage poutres principale - secondaire**

Détails du fraisage poutre principale

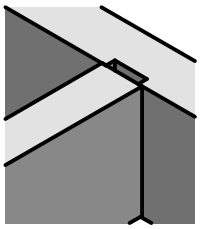


Longueur de fraisage L sur poutre principale en relation avec la hauteur de la poutre secondaire HN	
Hauteur HN [mm]	Longueur L [mm]
100	90
120	110
140	130
160	140
180	150

Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 08. 02. 2021

KNAPP® connectors.com



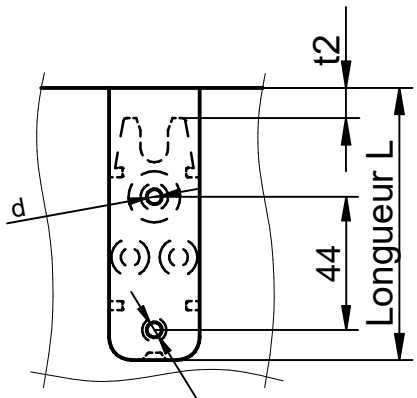
Notice de montage

RICON® 80/30 EA - A2

Réf. K275

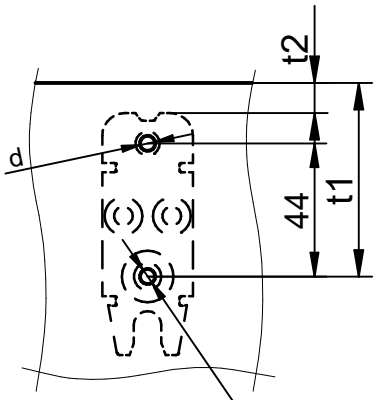
Assemblage simple
Assemblages poutres principale - secondaire

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

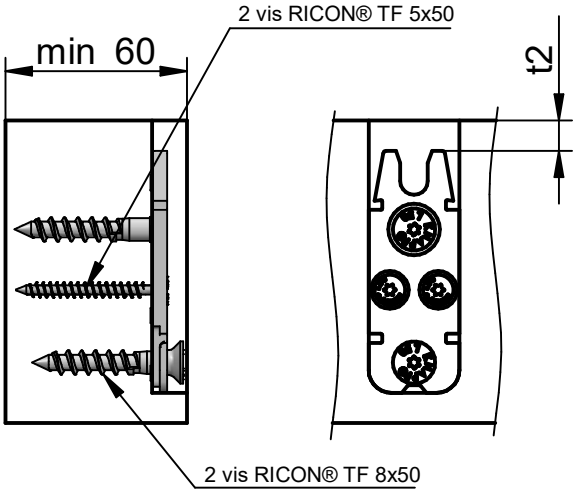


Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

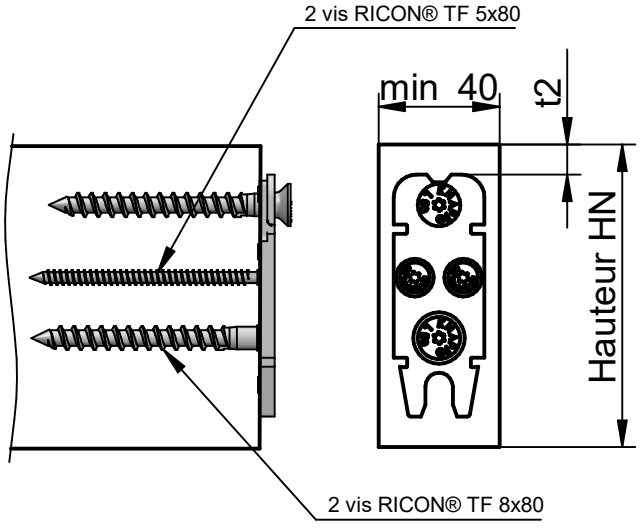
Distance de perçage t1 et t2 en relation avec la poutre secondaire HN

Hauteur HN [mm]	Distance t1 [mm]	Distance t2 [mm]
100	64	10
120	84	30
140	104	50
160	114	60
180	124	70

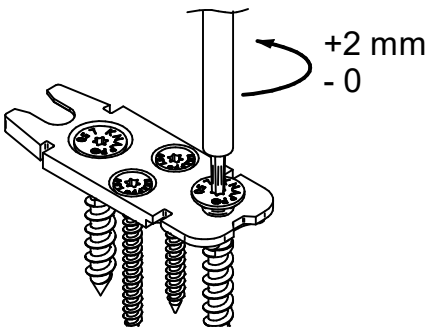
Détail du vissage sur la poutre principale



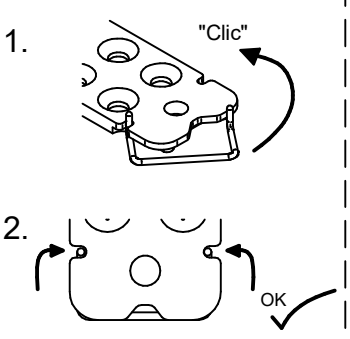
Détail du vissage sur la poutre secondaire



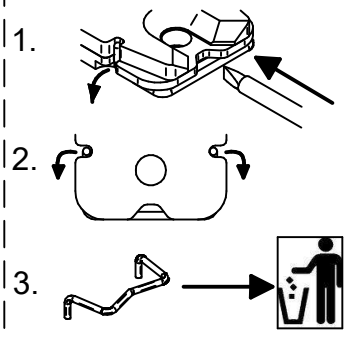
Régler la vis d'accroche



Mettre la goupille en place



Déverrouiller la goupille



Ce dessin est la propriété de Knapp GmbH.

© Knapp GmbH. Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications techniques. VERSION 08. 02. 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