# Montageanleitung Construction Manual Notice de montage

**VERSION** 09.02.2021

RICON® 140/30 Edelstahl

**Art.-Nr. K278**

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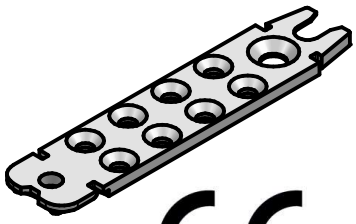


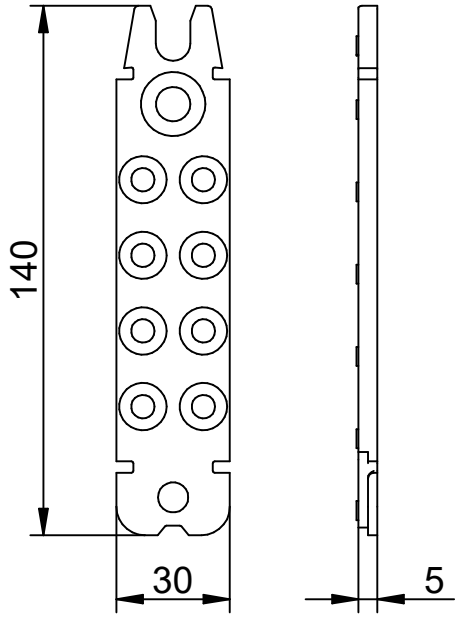
ETA-10/0189

Montageanleitung

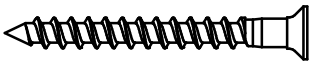
# RICON® 140/30 - A2

**Pfosten-Riegelverbindung in Edelstahl**
mit ETA Zulassung

RICON® 140/30



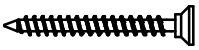

RICON® SK Scr 8x80



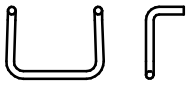
RICON® SK Scr 8x50

RICON® SK Scr 5x80

RICON® SK Scr 5x50

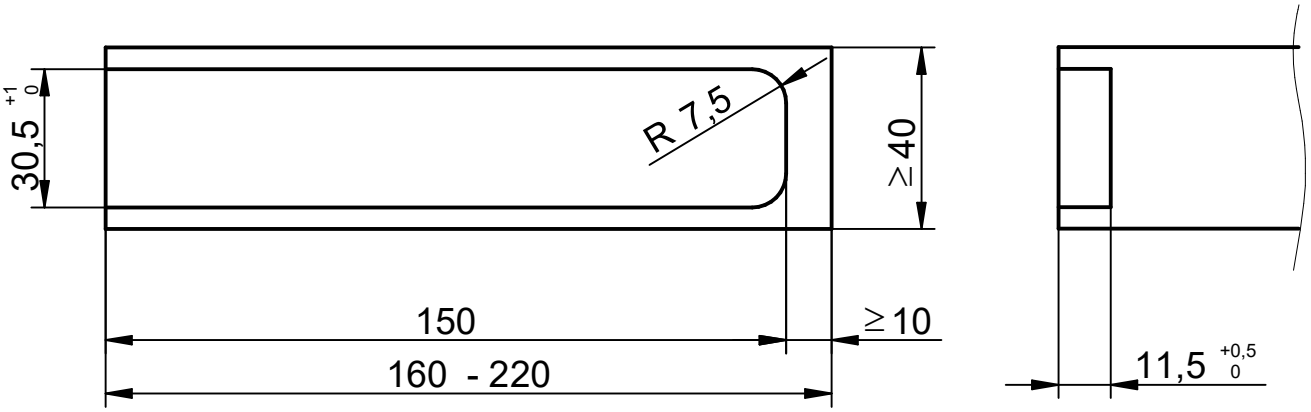


RICON® Sperrbügel / locking clip



**Einzelanschluss** **Pfosten-Riegelverbindung**

Riegel Fräsbild

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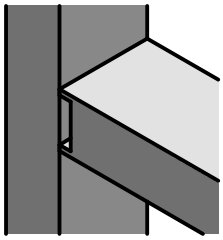


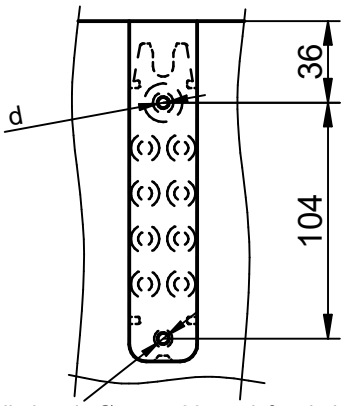
Montageanleitung

# RICON® 140/30 EA - A2

**Art. Nr. K278**

**Einzelanschluss**
**Pfosten-Riegelverbindung**

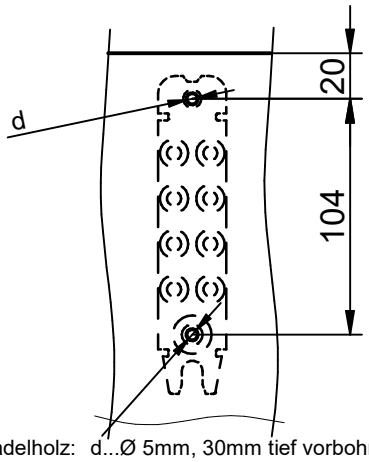
## Vorbohrungen im Riegel




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

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

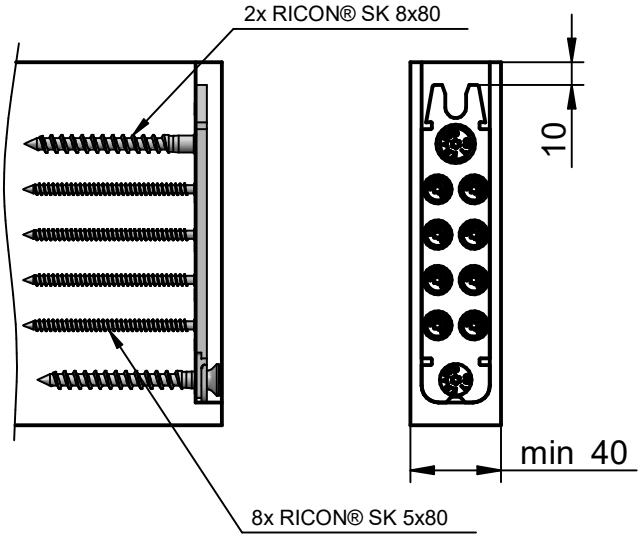
## Vorbohrungen im Pfosten



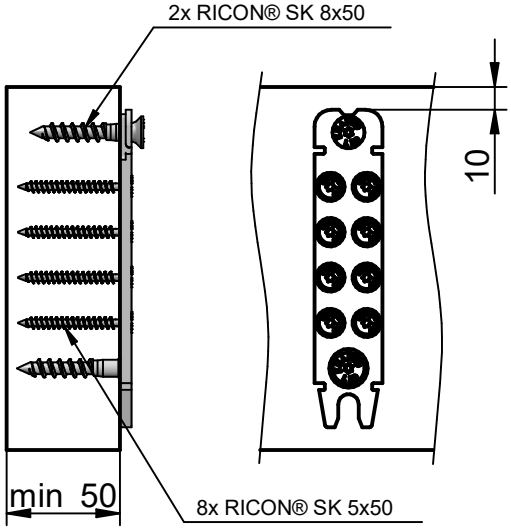

Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

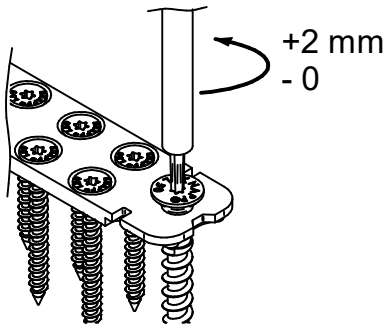
## Verschraubung im Riegel



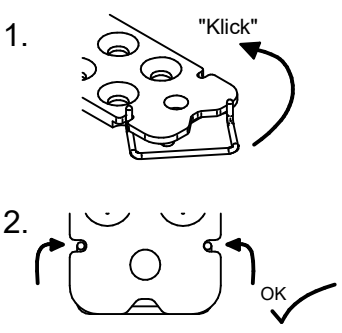

## Verschraubung im Pfosten



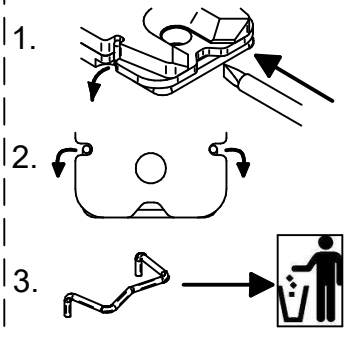

## Justierbare Halteschraube




## Sperrbügel einlegen




## Sperrbügel lösen

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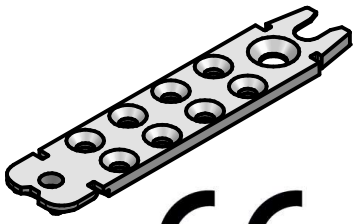


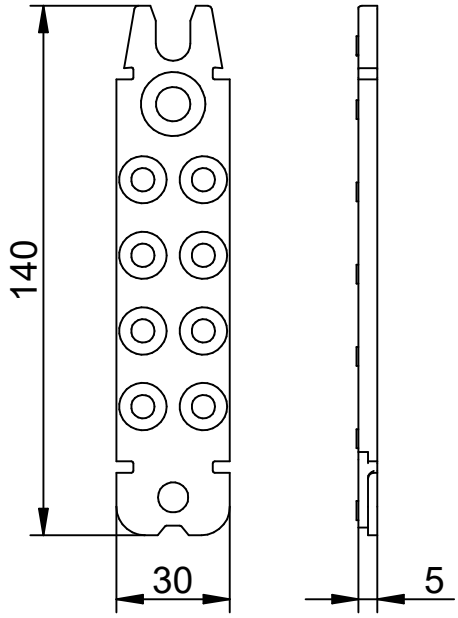
ETA-10/0189

Montageanleitung

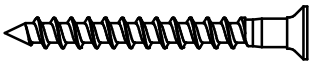
# RICON® 140/30 - A2

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

RICON® 140/30



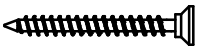

RICON® SK 8x80



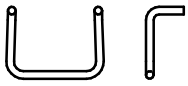
RICON® SK 8x50

RICON® SK 5x80

RICON® SK 5x50



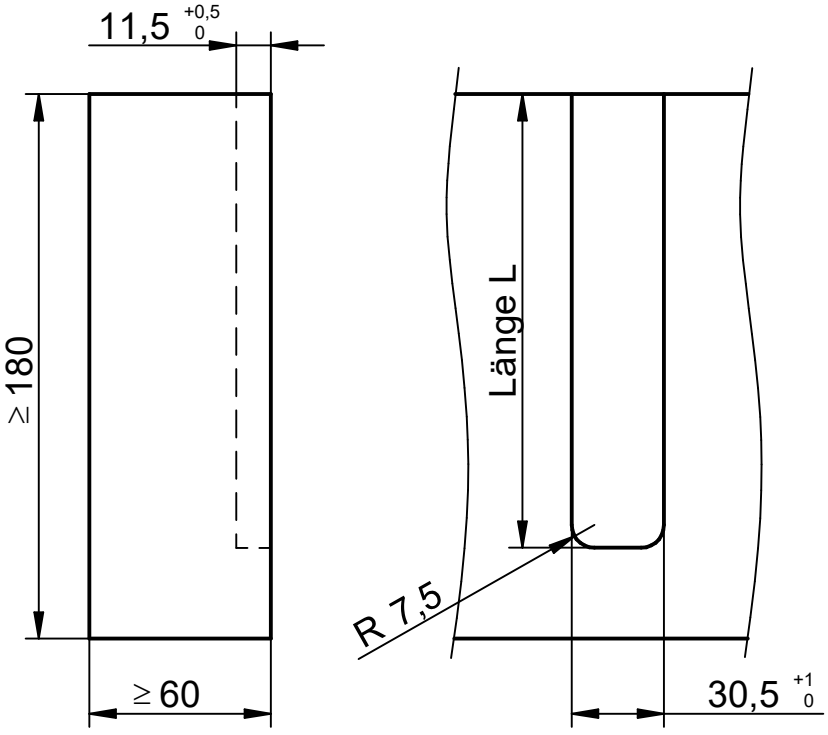
RICON® Sperrbügel p



**Einzelanschluss**

**Haupt-Nebenträgerverbindung**

Hauptträger Fräsbild




| Ausfräslänge L aus dem Hauptträger in Abhängigkeit der Nebenträgerhöhe HN | |
|---|---|
| Höhe HN [mm] | Länge L [mm] |
| 180 | 150 |
| 200 | 170 |
| 220 | 180 |
| 240 | 190 |
| 260 | 210 |

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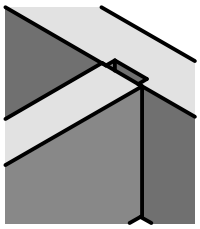


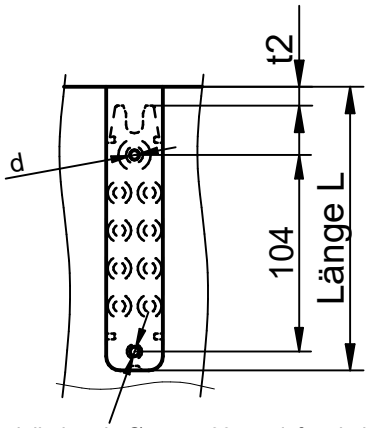
Art. Nr. K278

Montageanleitung

# RICON® 140/30 EA - A2

**Einzelanschluss**
**Haupt-Nebenträger Verbindung**

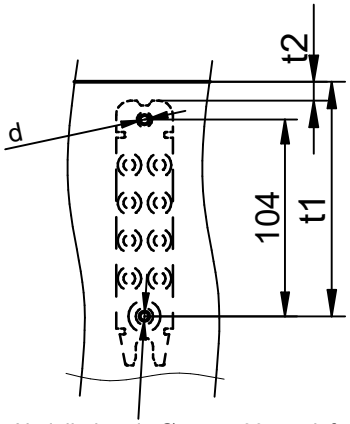
## Vorbohrungen im Hauptträger




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

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

## Vorbohrungen im Nebenträger



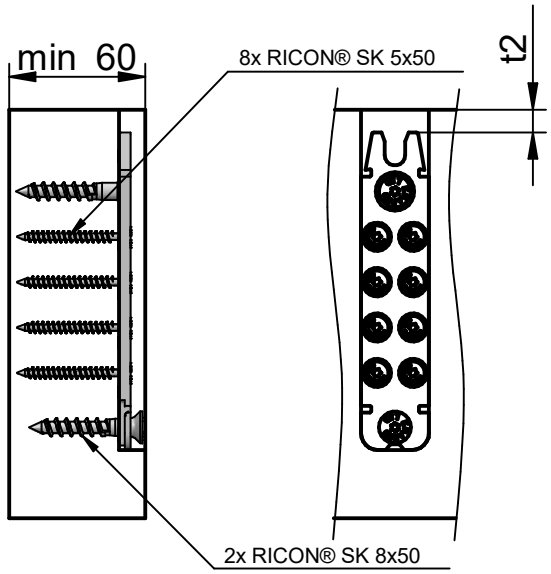

Nadelholz: d...Ø 5mm, 30mm tief vorbohren

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

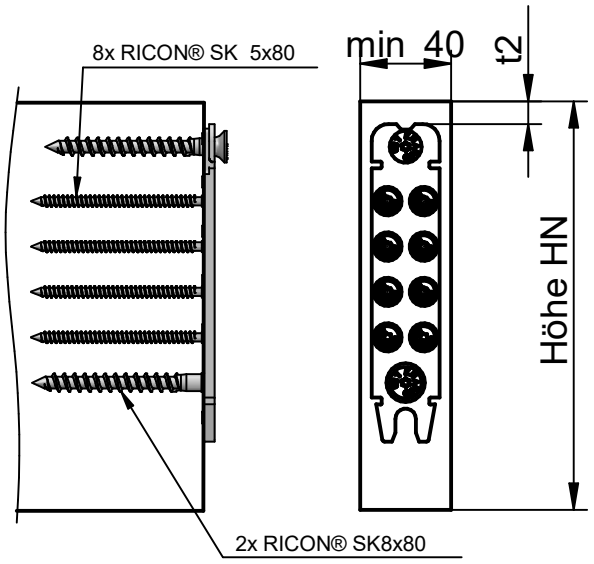
Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN

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

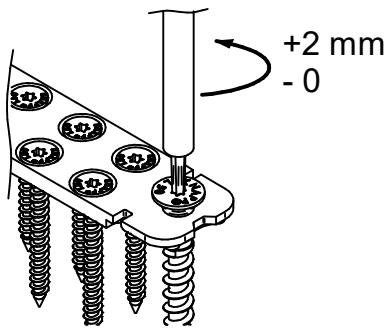
## Verschraubung im Hauptträger



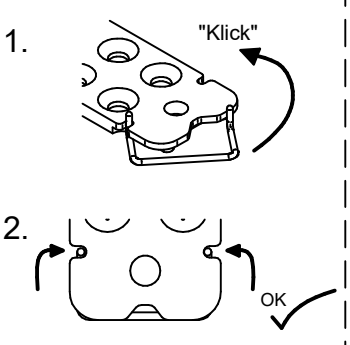

## Verschraubung im Nebenträger



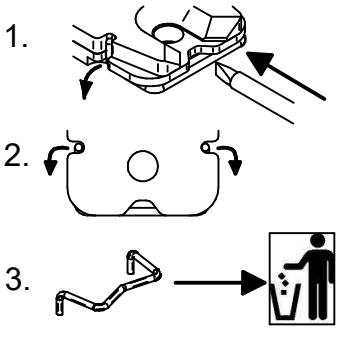

## Justierbare Halteschraube




## Sperrbügel einlegen




## Sperrbügel lösen

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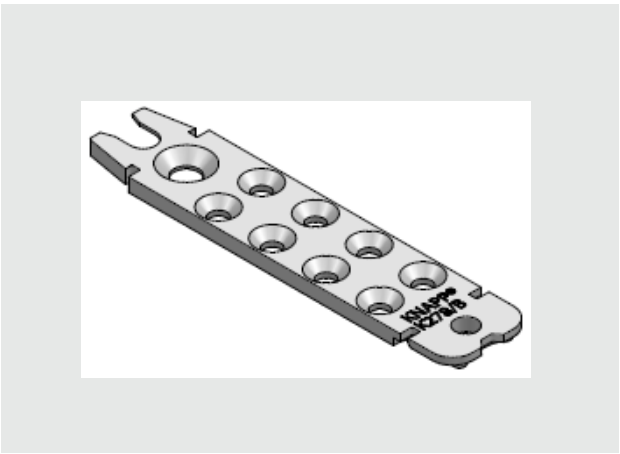
Knapp GmbH Sàrl ▌Filiale France ▌1A Rue du Stade ▌F - 67880 Innenheim Tel. : +33 (0)3 88 48 17 87 ▌Fax: +33 (0)9 70 62 81 87 ▌E-Mail : france@knapp-connectors.com

# Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

**RICON® 140/30 Edelstahl**



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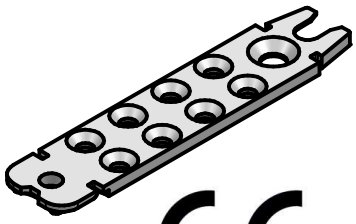


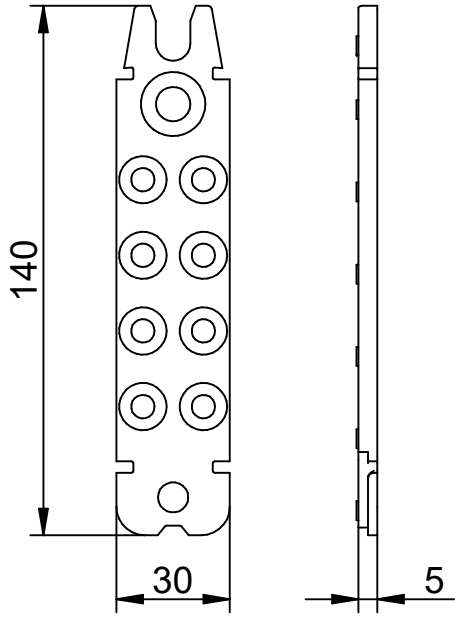
ETA-10/0189

Construction Manual

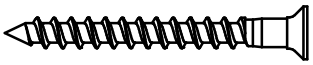
# RICON® 140/30 - A2

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

RICON® 140/30



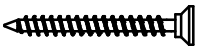

RICON® CS 8x80



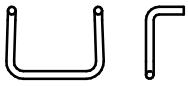
RICON® CS 8x50

RICON® CS 5x80

RICON® CS 5x50

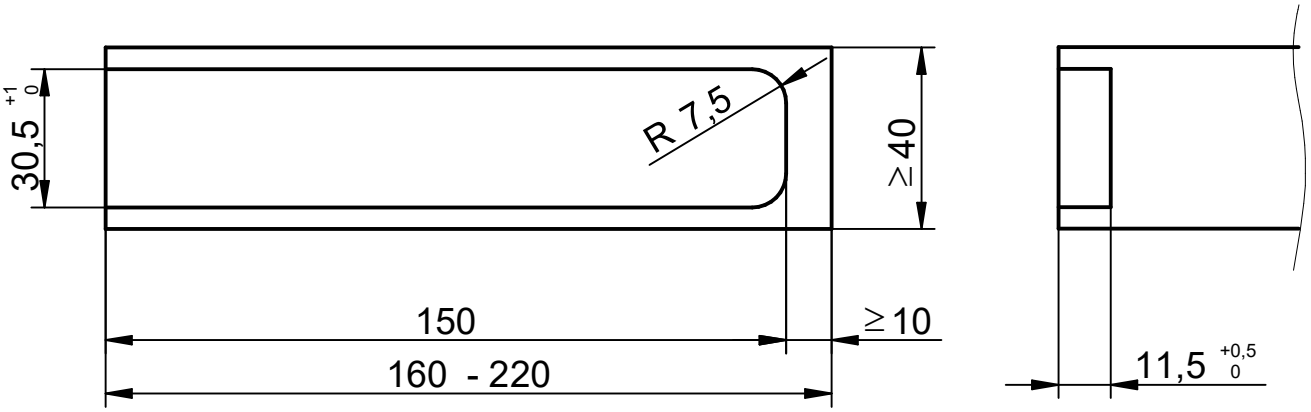


RICON® Locking clip



**single connection** **post and beamconnection**

Milling pattern Beam

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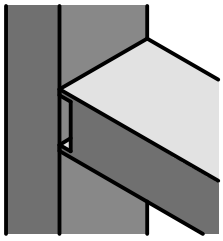


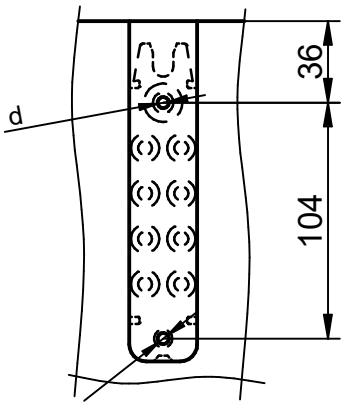
Construction Manual

# RICON® 140/30 EA - A2

**Art. No. K278**

**single connection**
**post and beam**

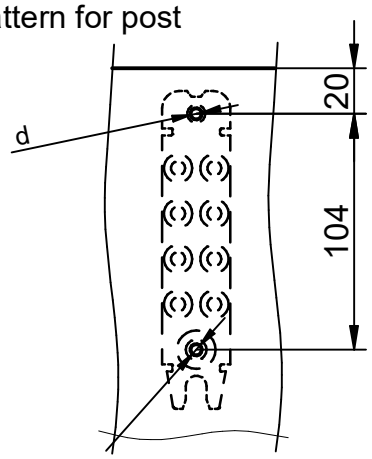
## drilling pattern for beam




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

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

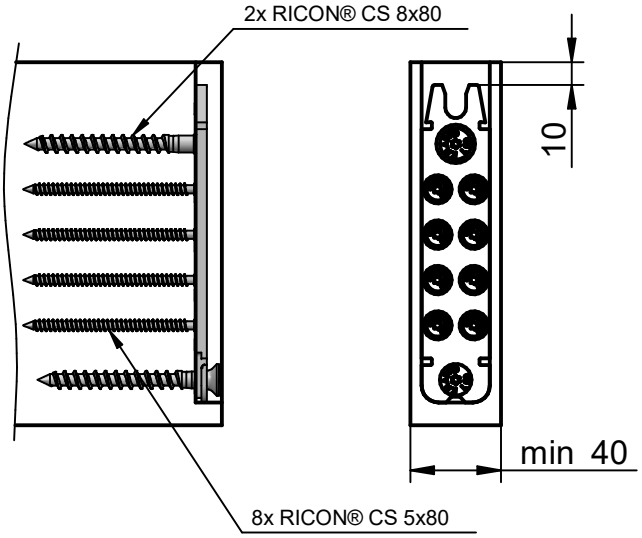
## drilling pattern for post



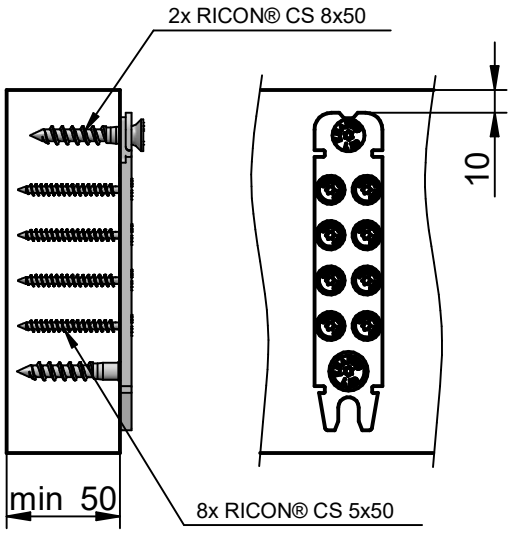

Softwood: d...Ø 5mm, 30mm pre-drilling

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

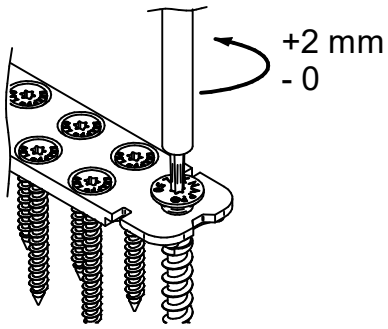
## screw pattern for beam



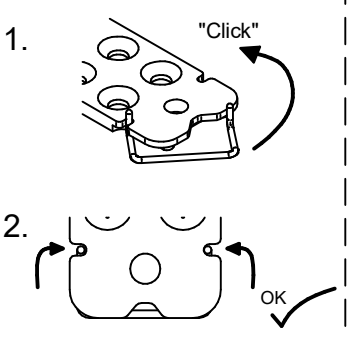

## screw pattern for post



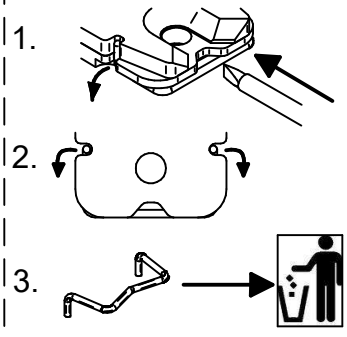

## screw depth adjustable




## Locking clip assembly




## Locking clip removal

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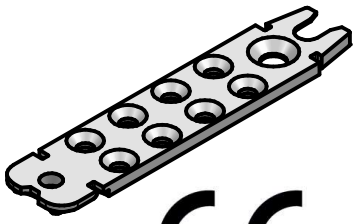


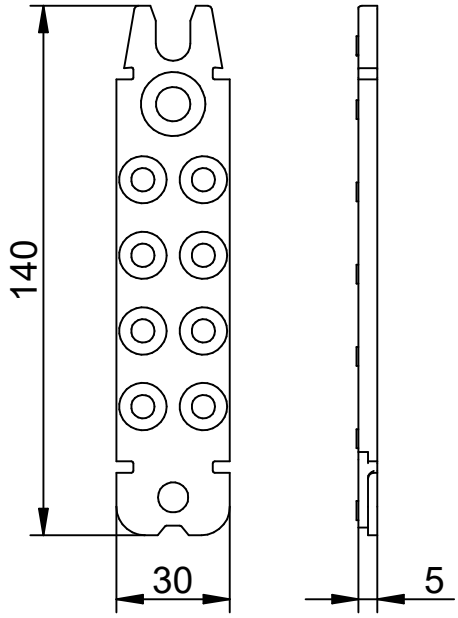
ETA-10/0189

Construction Manual

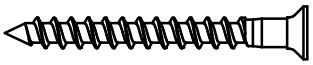
# RICON® 140/30 - A2

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

RICON® 140/30



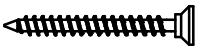

RICON® CS 8x80



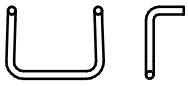
RICON® CS 8x50

RICON® CS 5x80

RICON® CS 5x50



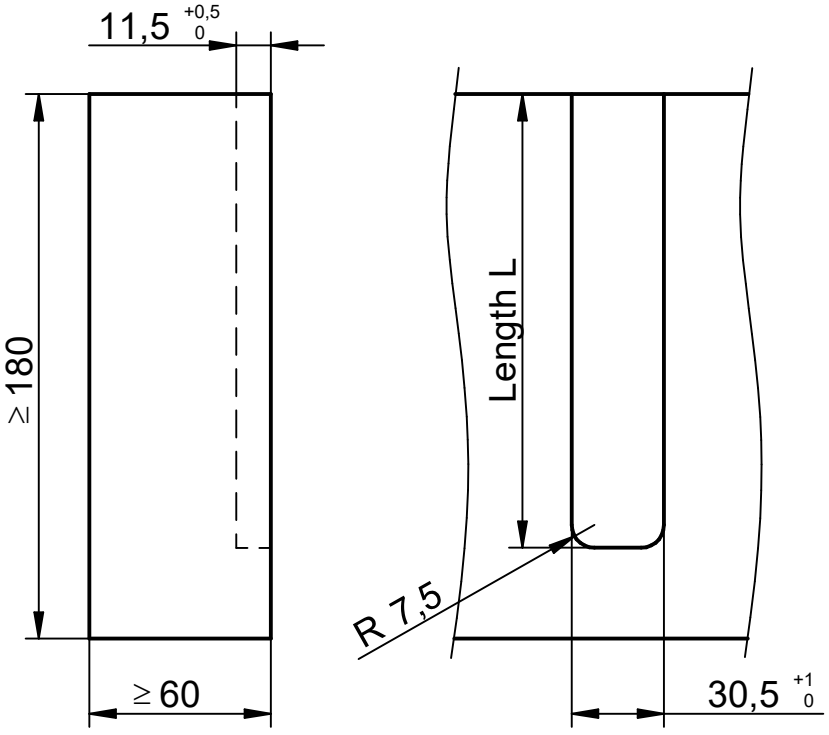
RICON® Locking clip



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] |
| 180 | 150 |
| 200 | 170 |
| 220 | 180 |
| 240 | 190 |
| 260 | 210 |

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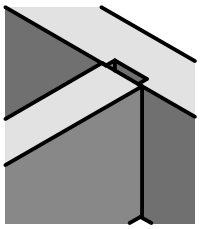


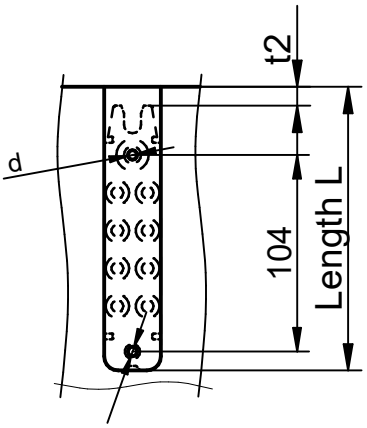
Art. No. K278

Construction Manual

# RICON® 140/30 EA - A2

**single connection**
**main beam, secondary beam connection**

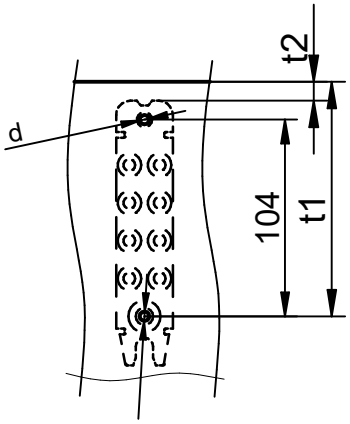
## drilling pattern for main beam




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

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

## drilling pattern for secondary beam



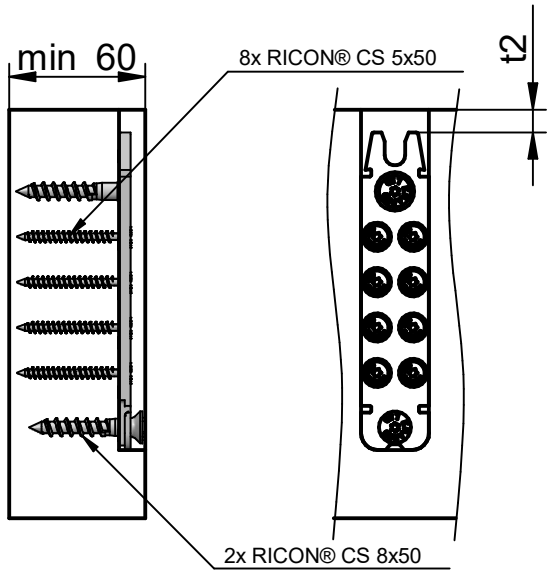

Softwood: d...Ø 5mm, 30mm pre-drilling

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

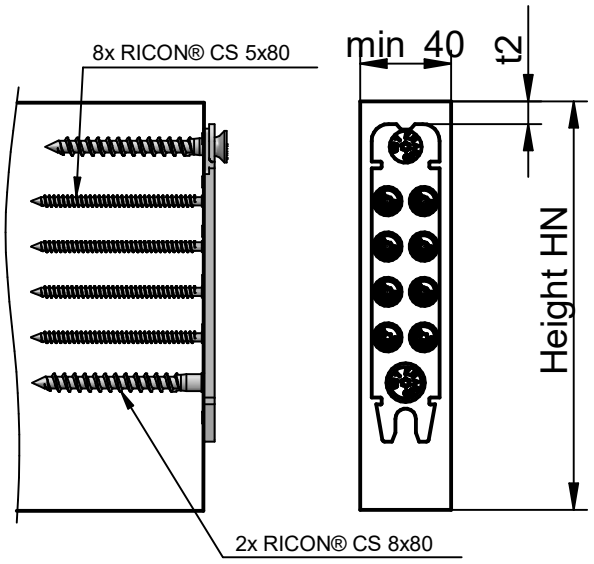
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

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

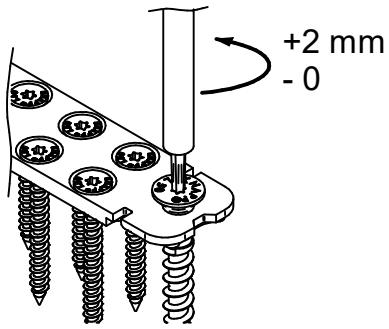
## screw pattern for main beam



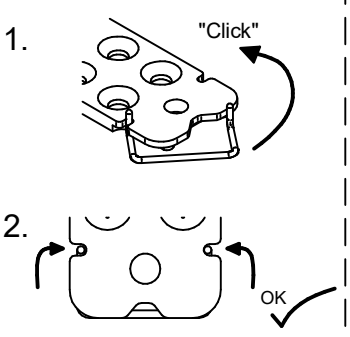

## screw pattern for secondary beam



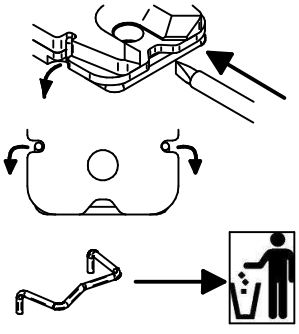

## screw depth adjustable




## Locking clip assembly




## Locking clip removal

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# Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

**RICON® 140/30 Edelstahl**

**Réf. K278**

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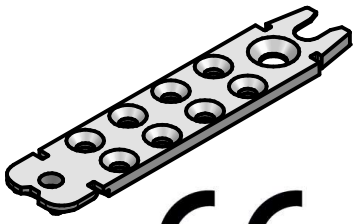


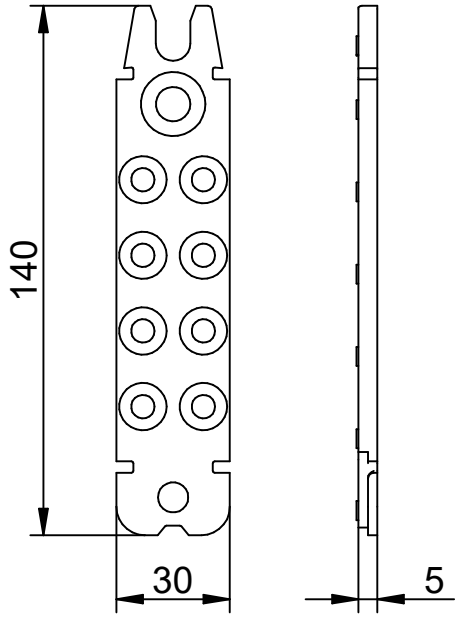
ETA-10/0189

Notice de montage

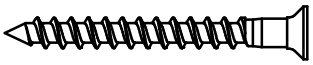
# RICON® 140/30 - A2

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

RICON® 140/30



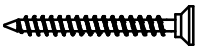

Vis RICON® TF 8x80



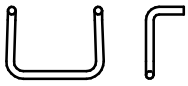
Vis RICON® TF 8x50

Vis RICON® TF 5x80

Vis RICON® TF 5x50

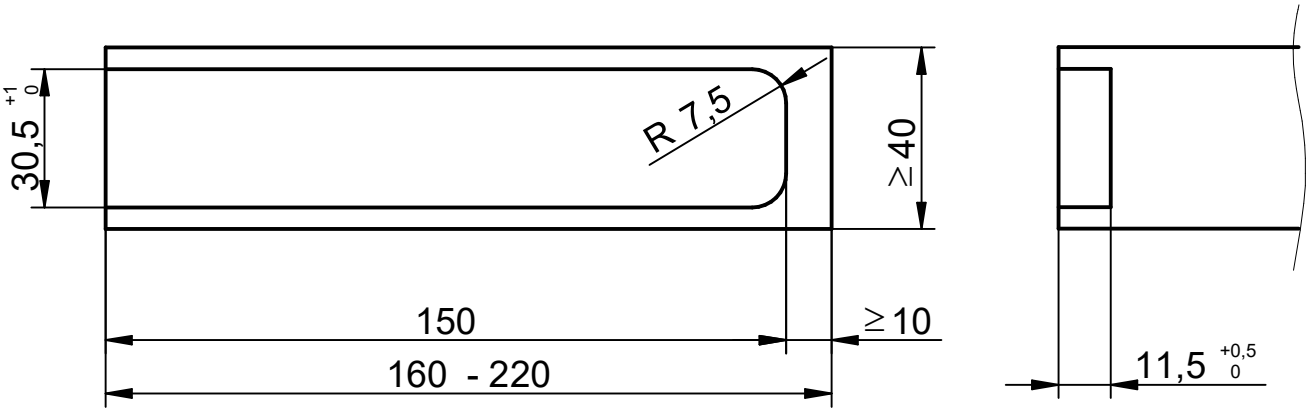


Goupille de verrouillage



**Assemblage simple** **Assemblage poteau - traverse**

Détails du fraisage traverse

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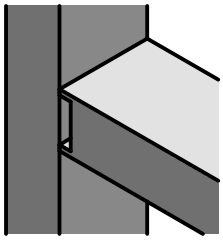


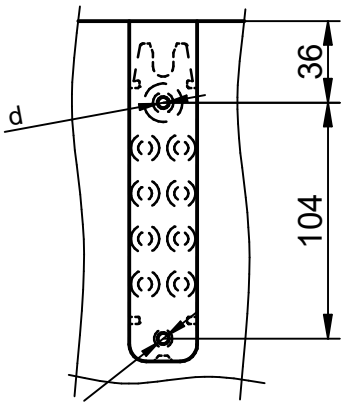
Notice de montage

# RICON® 140/30 EA - A2

**Réf. K278**

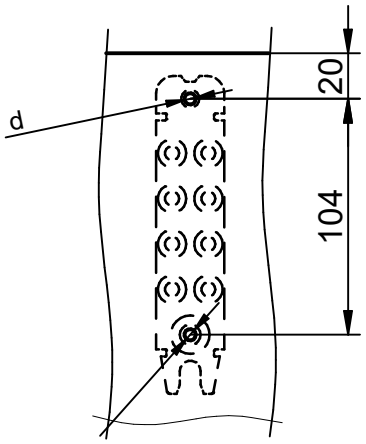
**Assemblage simple**
**Assemblages poteau - traverse**

## Détail du perçage sur la traverse



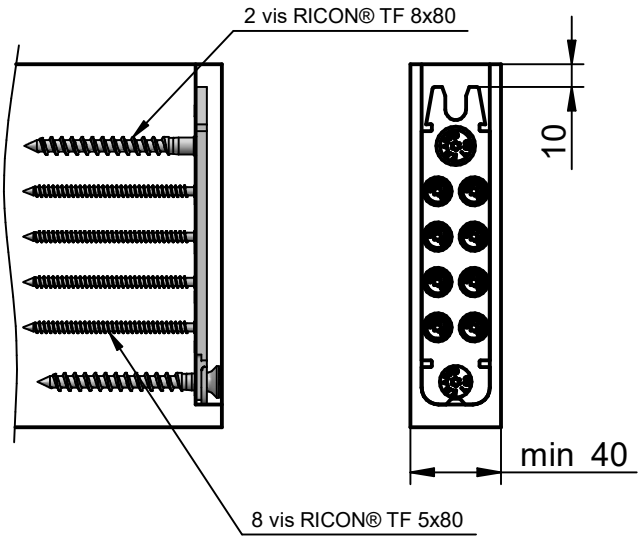

Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

## Détail du perçage sur le poteau

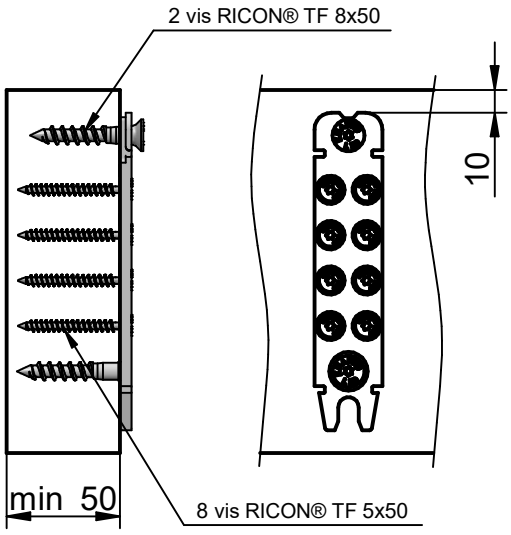



Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 45mm

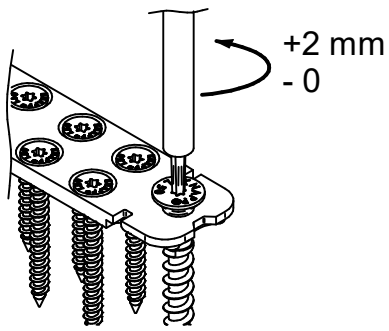
## Détail du vissage sur la traverse



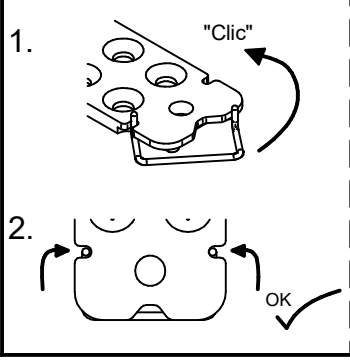

## Détail du vissage sur le poteau



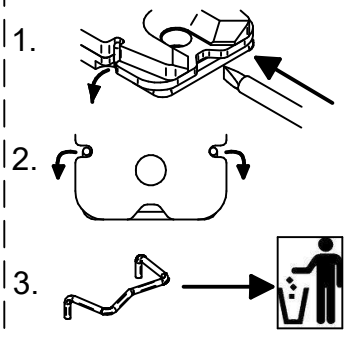

## Régler la vis d'accroche




## Mettre la goupille en place




## Déverrouiller la goupille

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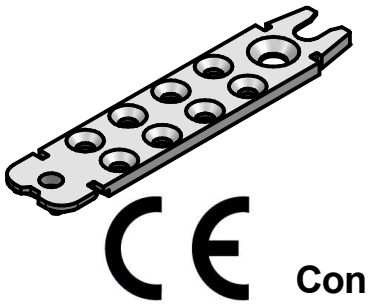


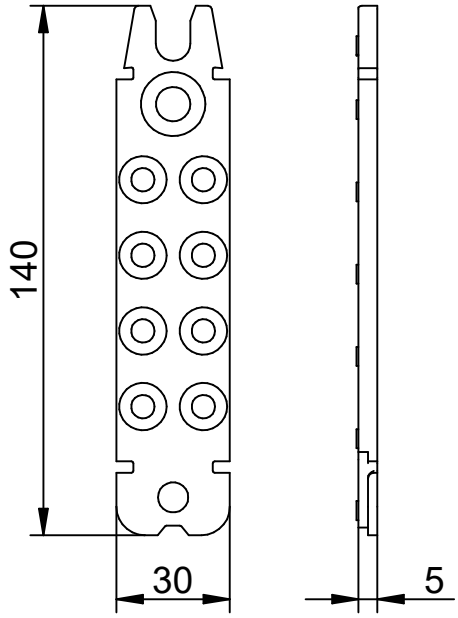
ETA-10/0189

Notice de montage

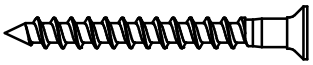
# RICON® 140/30 - A2

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

RICON® 140/30



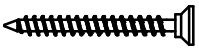

Vis RICON® TF 8x80



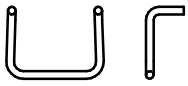
Vis RICON® TF 8x50

Vis RICON® TF 5x80

Vis RICON® TF 5x50

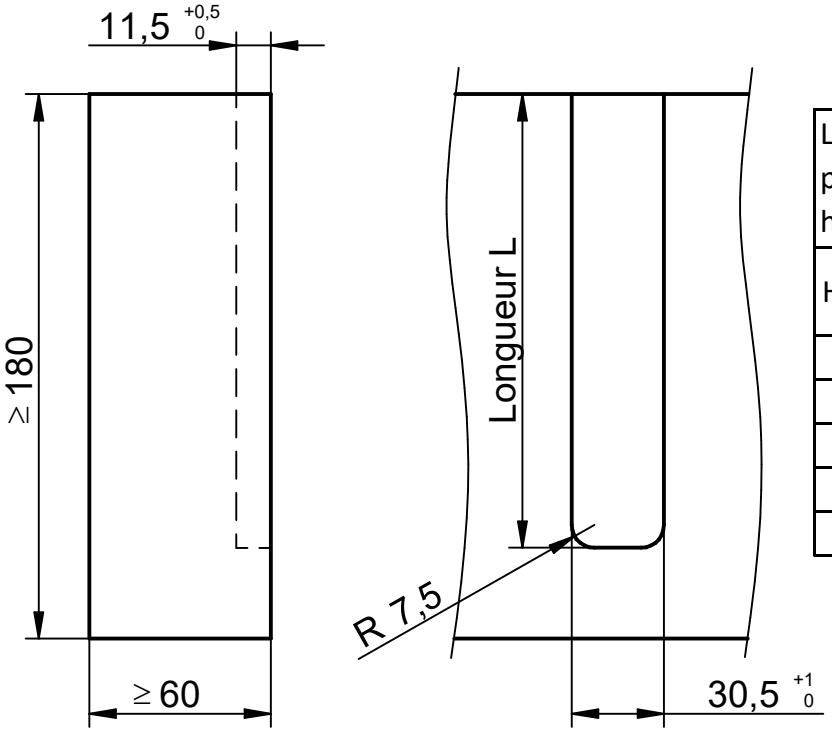


Goupille de verrouillage



**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] |
| 180 | 150 |
| 200 | 170 |
| 220 | 180 |
| 240 | 190 |
| 260 | 210 |

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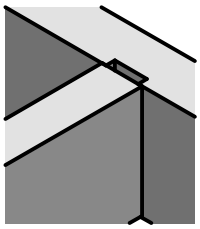


Notice de montage

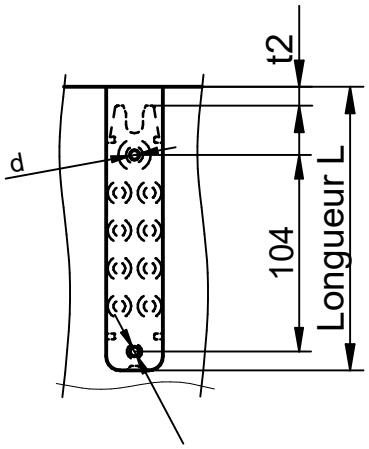
# RICON® 140/30 EA - A2

**Réf. K278**

**Assemblage simple**

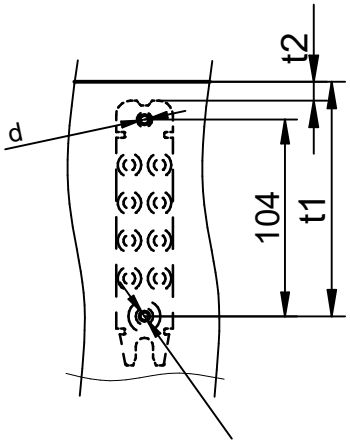
**Assemblages poutres principale - secondaire**

## Détail du perçage sur la poutre principale




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

## Détail du perçage sur la poutre secondaire

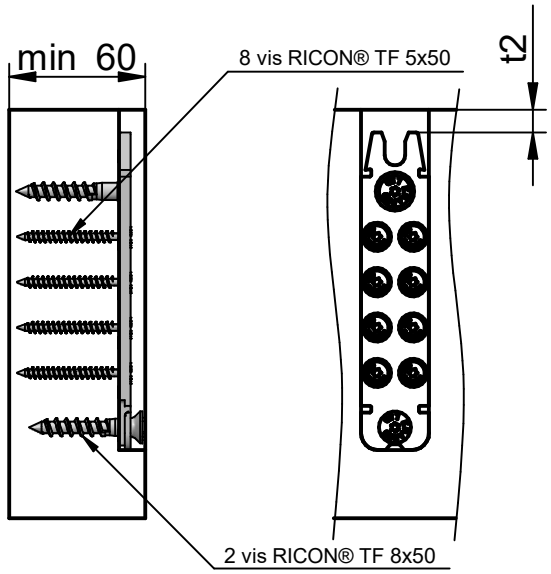



Résineux: pré-percer d...Ø 5mm, prof. 30mm
Feuillus: pré-percer d...Ø 6mm, prof. 75mm

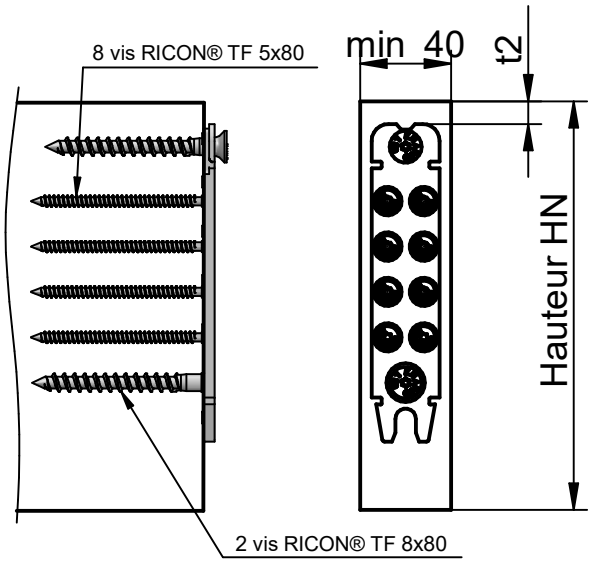
Distance de perçage t1 et t2 en relation avec la poutre secondaire HN

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

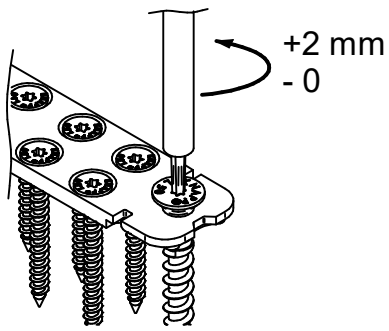
## Détail du vissage sur la poutre principale



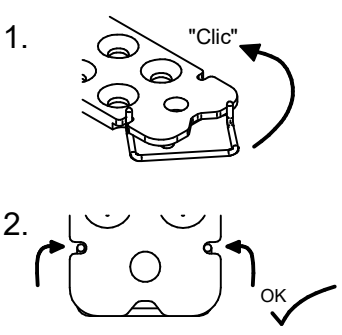

## Détail du vissage sur la poutre secondaire



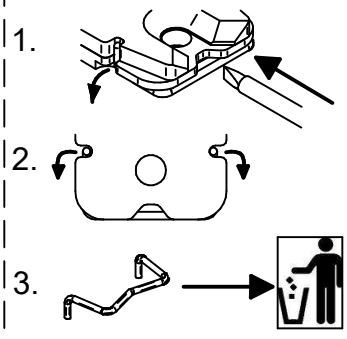

## Régler la vis d'accroche




## Mettre la goupille en place




## Déverrouiller la goupille

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