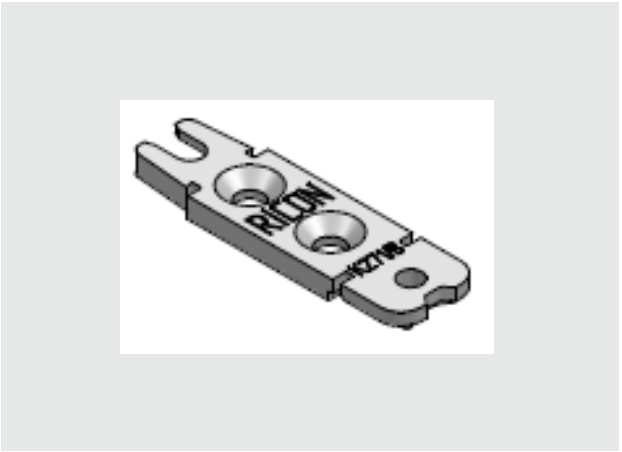
# Montageanleitung Construction Manual Notice de montage

**VERSION** 09.02.2021

RICON® 70/20 Edelstahl




**Art.-Nr. K271**

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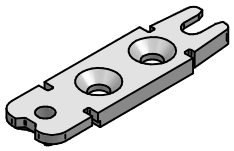


Montageanleitung

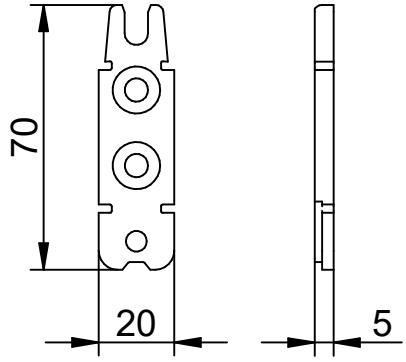
# RICON® 70/20 - A2

CE

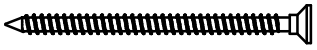
ETA-10/0189

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

RICON® 70/20




RICON® SK 5x80

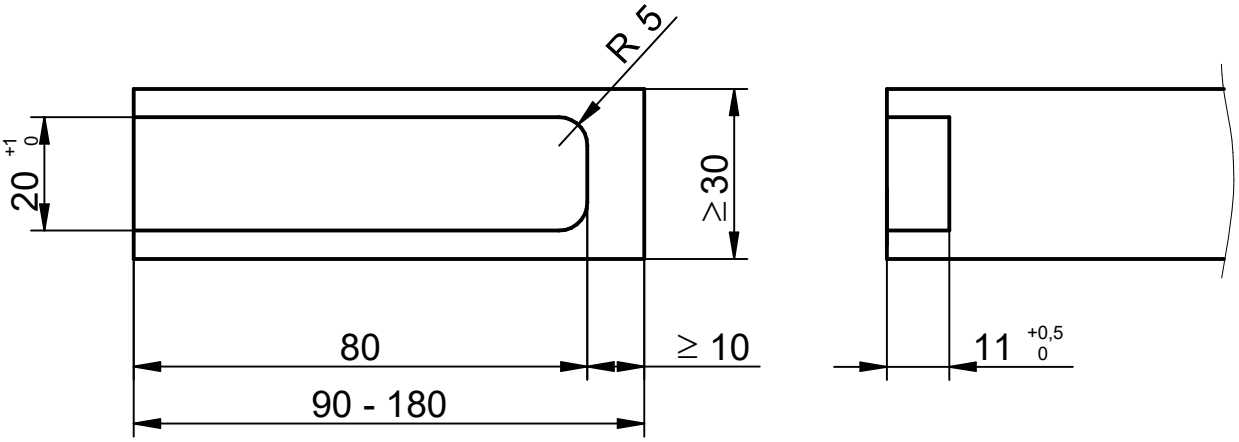


RICON® SK 5x50

RICON® Sperrbügel

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

Riegel Fräsbild

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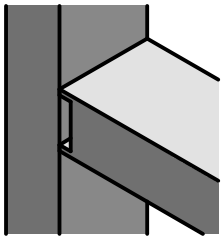


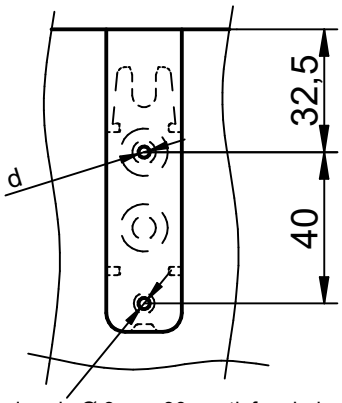
Montageanleitung

# RICON® 70/20 EA - A2

**Art. Nr. K271**

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

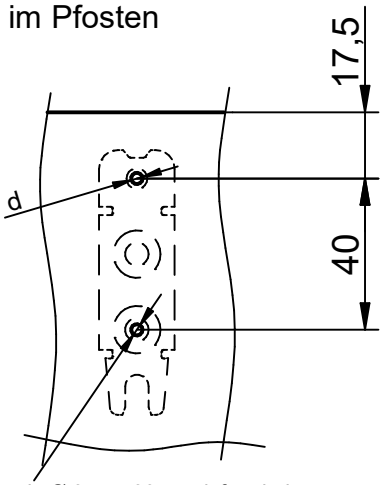
## Vorbohrungen im Riegel




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

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

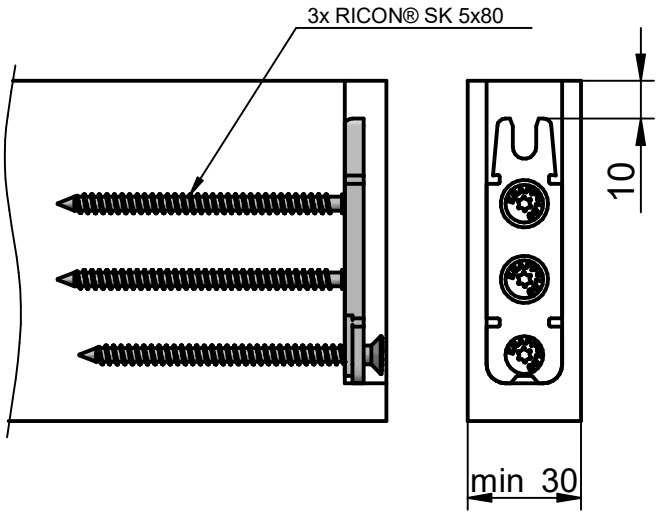
## Vorbohrungen im Pfosten



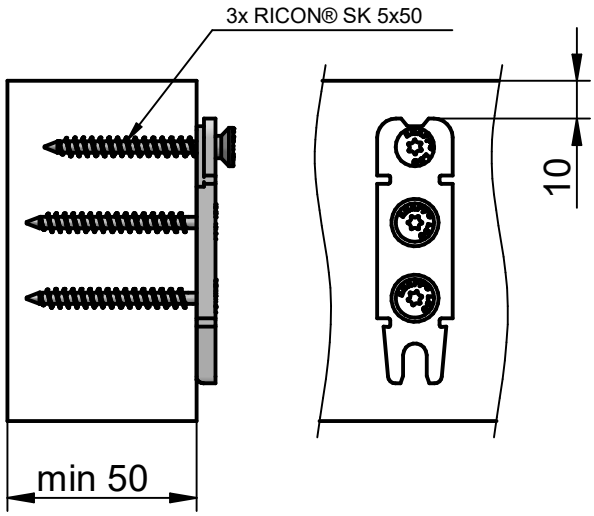

Nadelholz: d...Ø 3mm, 30mm tief vorbohren

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

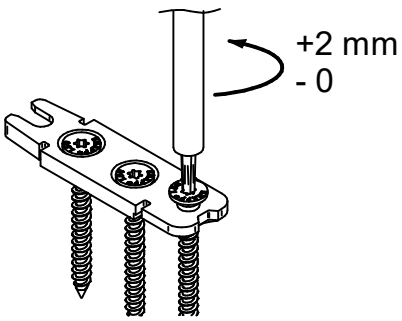
## Verschraubung im Riegel



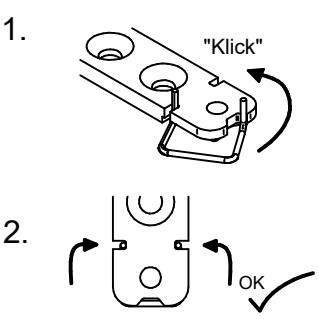

## Verschraubung im Pfosten



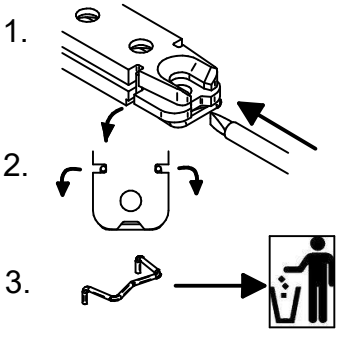

## Justierbare Halteschraube




## Sperrbügel einlegen




## Sperrbügel lösen

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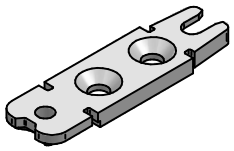


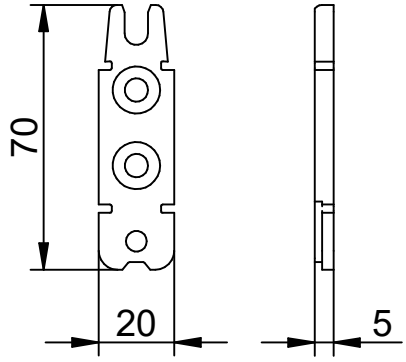
Montageanleitung

# RICON® 70/20 - A2

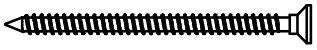
ETA-10/0189

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

RICON® 70/20




RICON® SK 5x80

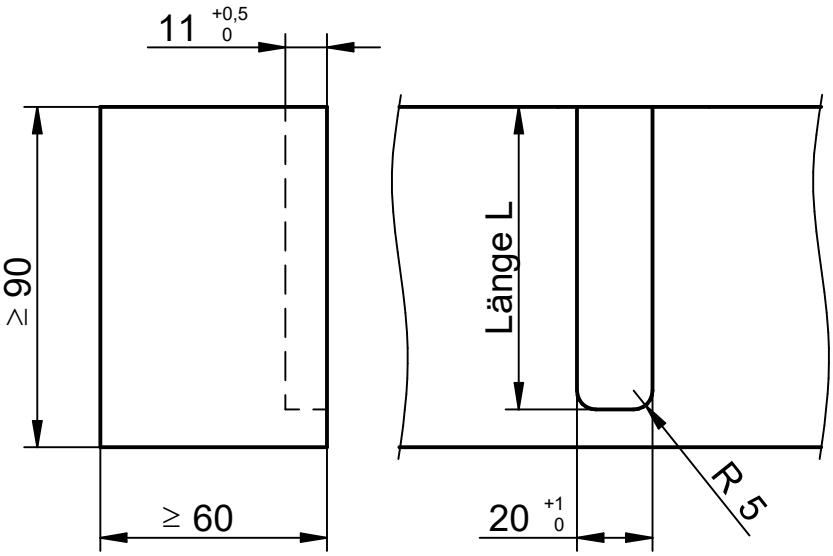


RICON® SK 5x50

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 |

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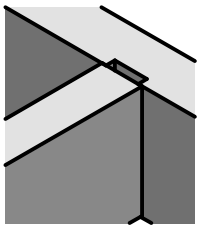


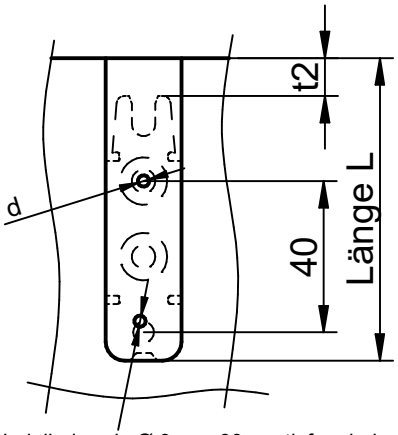
Art. Nr. K271

Montageanleitung

# RICON® 70/20 EA - A2

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

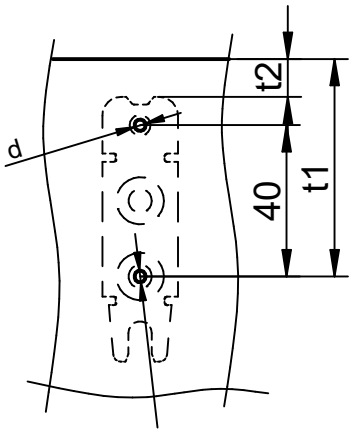
## Vorbohrungen im Hauptträger




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

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

## Vorbohrungen im Nebenträger



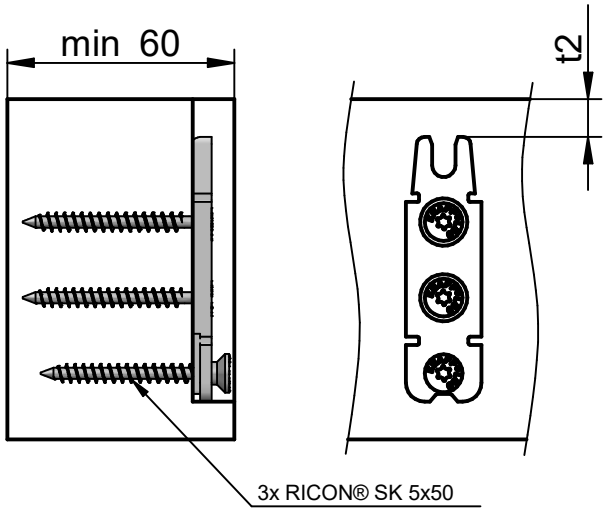

Nadelholz: d...Ø 3mm, 30mm tief vorbohren

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

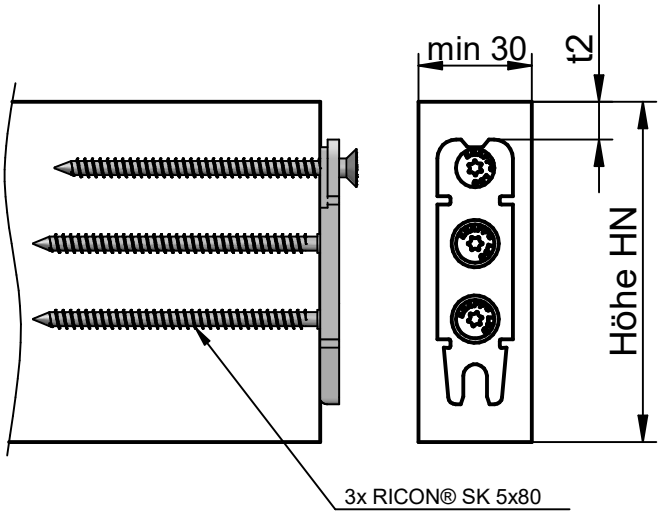
Einbohrmaße t1 und Abstandsmaß t2 in Abhängigkeit der Nebenträgerhöhe HN

| 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 |

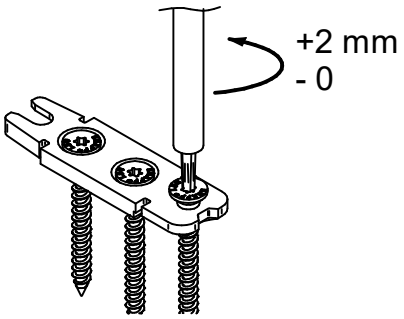
## Verschraubung im Hauptträger



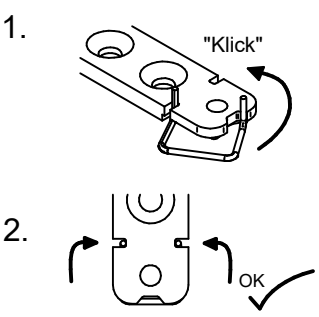

## Verschraubung im Nebenträger



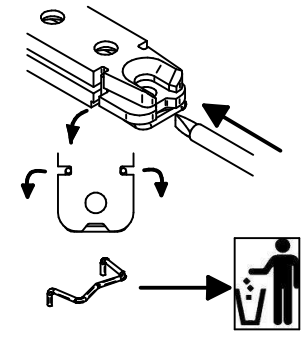

## Justierbare Halteschraube




## Sperrbügel einlegen




## Sperrbügel lösen

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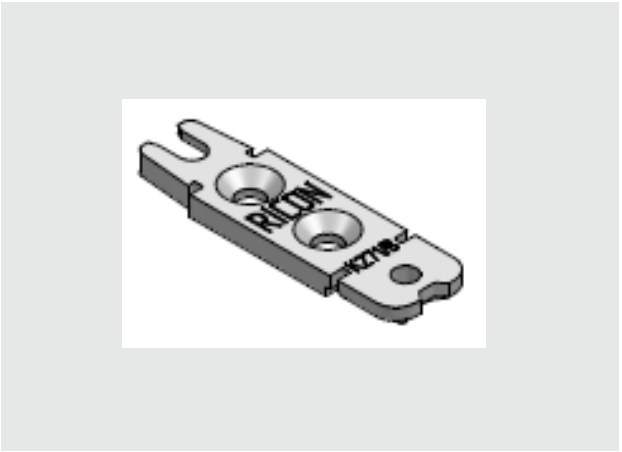
# Montageanleitung Construction Manual Notice de montage

VERSION 09.02.2021

**RICON® 70/20 Edelstahl**




**Art.-No. K271**

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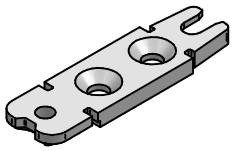


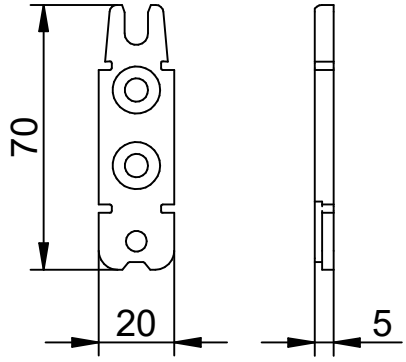
Construction Manual

# RICON® 70/20 - A2

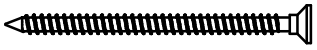
ETA-10/0189

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

RICON® 70/20




RICON® CS 5x80

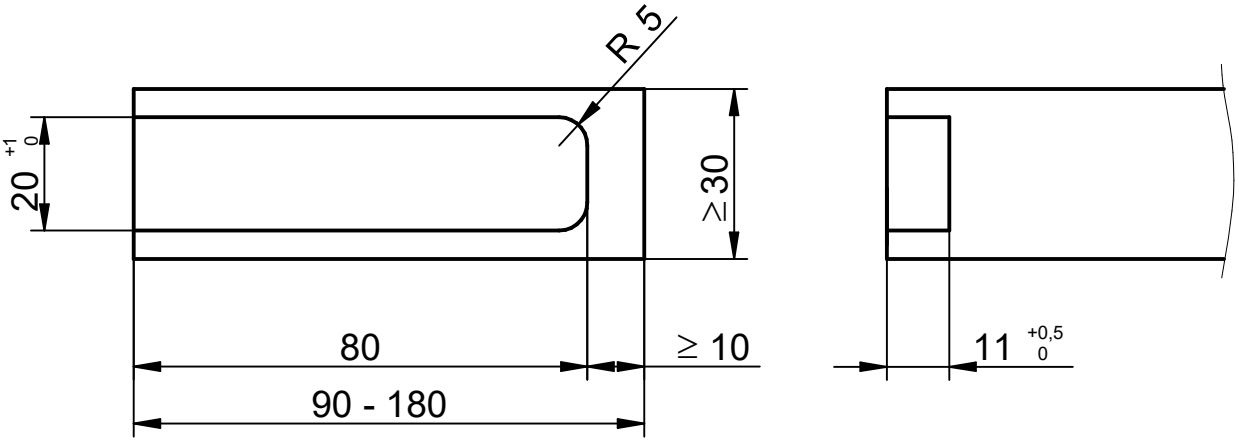


RICON® CS 5x50

RICON® Locking clip

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

Milling pattern Beam

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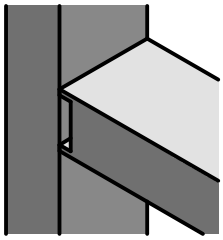


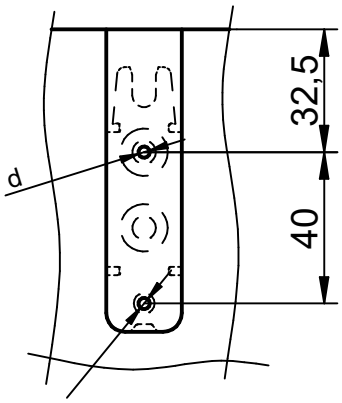
Construction Manual

# RICON® 70/20 EA - A2

**Art. No. K271**

**single connection post and beam**

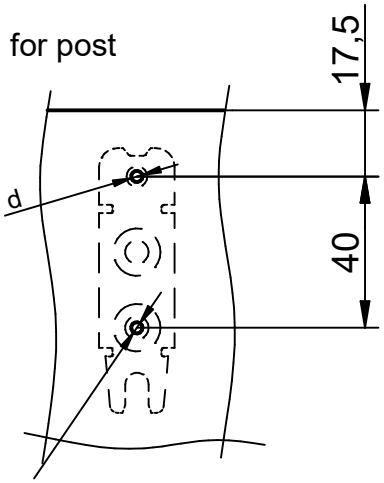
## drilling pattern for beam




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

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

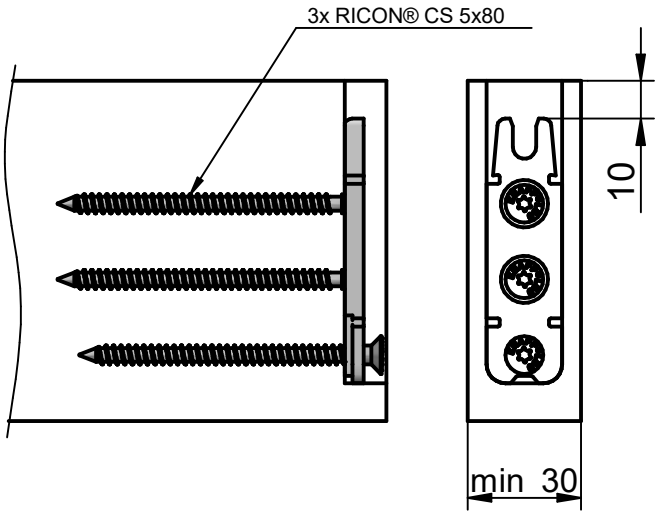
## drilling pattern for post



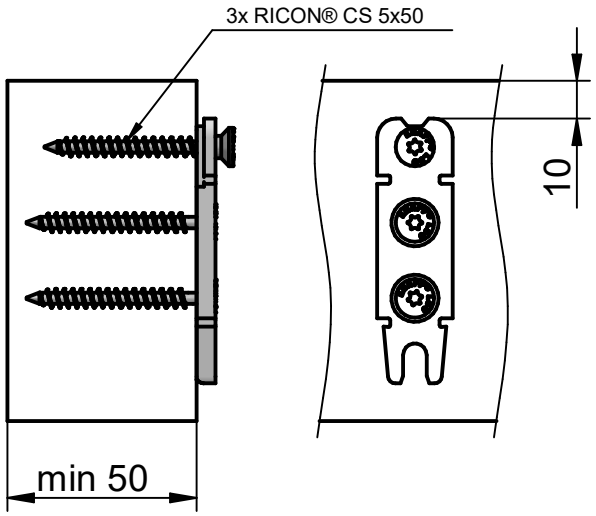

Softwood: d...Ø 3mm, 30mm pre-drilling

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

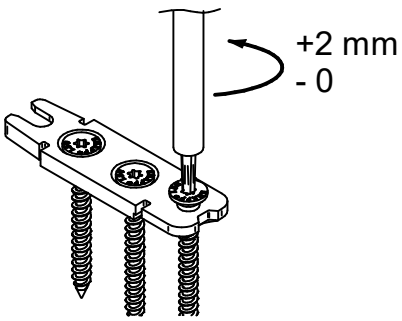
## screw pattern for beam



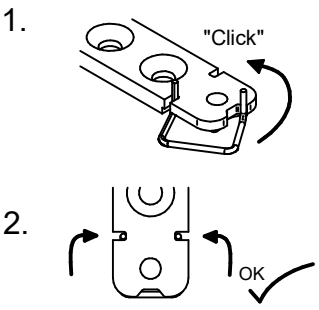

## screw pattern for post



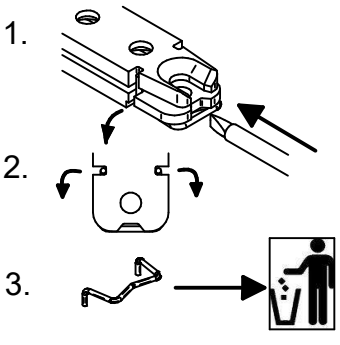

## screw depth adjustable




## Locking clip assembly




## Locking clip removal

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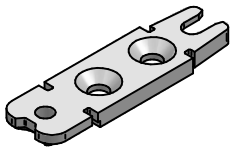


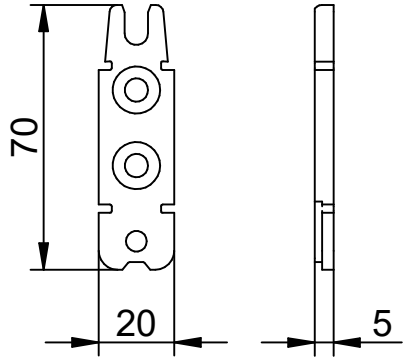
# RICON® 70/20 - A2

CE

ETA-10/0189

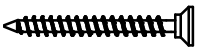
**main beam, secondary beam connection in stainless steel with ETA (European Technical Assessment) CE marking**

RICON® 70/20




RICON® CS 5x80

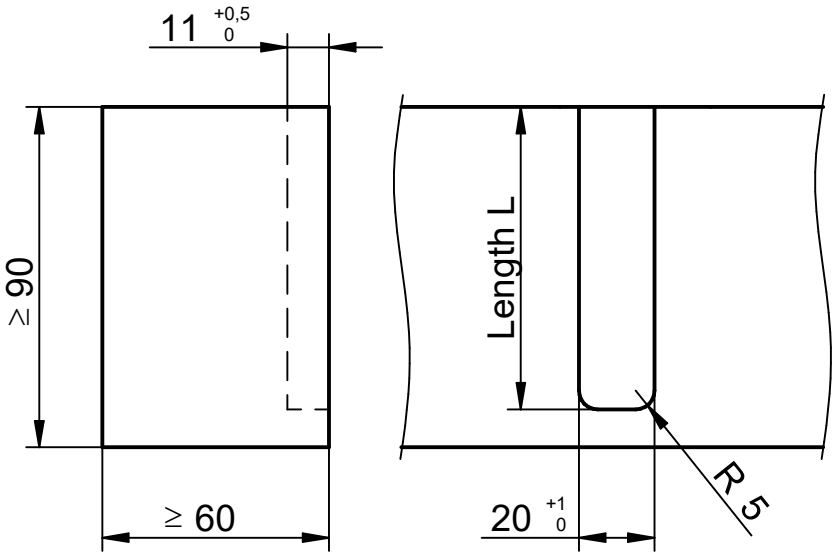
RICON® CS 5x50



RICON® Locking clip

| single connection | main beam,secondary beam connection |
|---|---|

Milling pattern main beam




| Milling length L form 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 |

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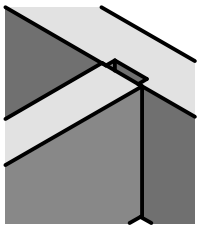


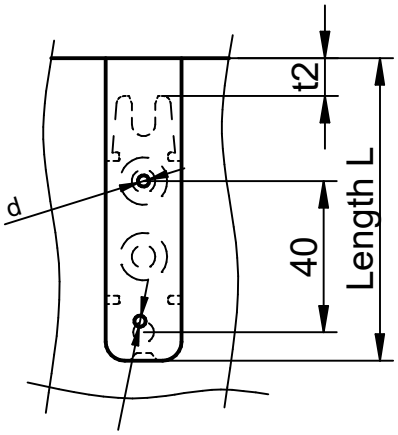
Art. No. K271

Construction Manual

# RICON® 70/20 EA - A2

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

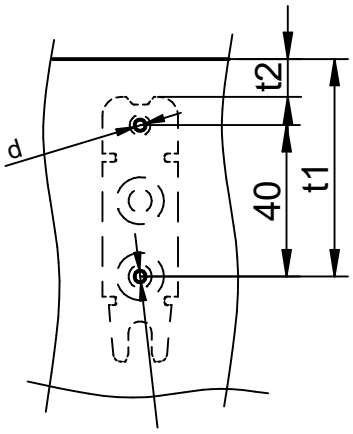
## drilling pattern for main beam




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

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

## drilling pattern for secondary beam



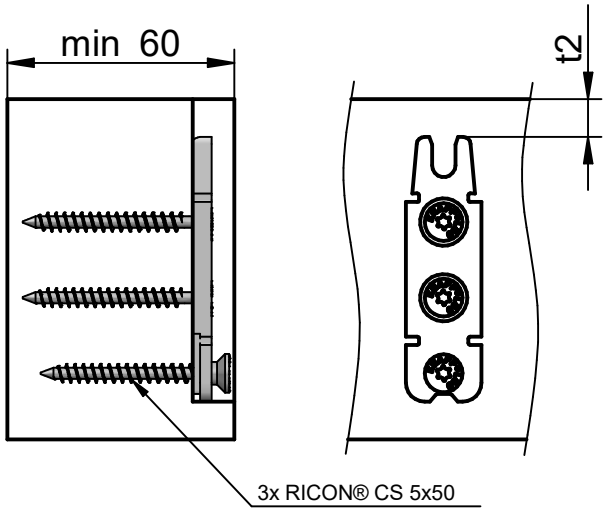

Softwood: d...Ø 3mm, 30mm pre-drilling

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

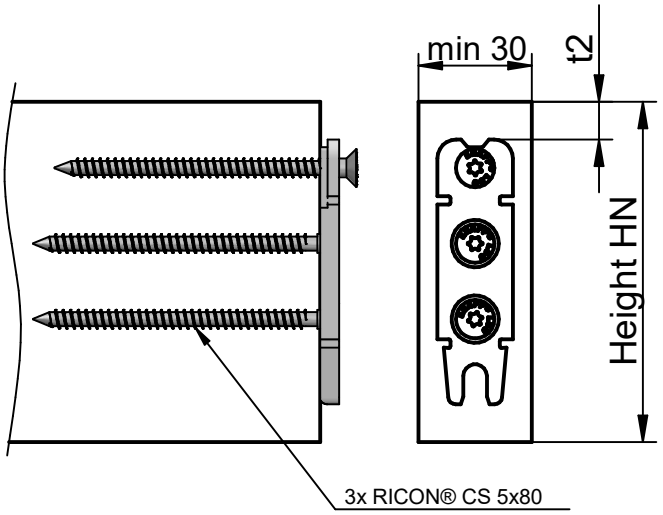
Drilling dimensions t1 and distance t2 depending on the secondary beam height HN

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

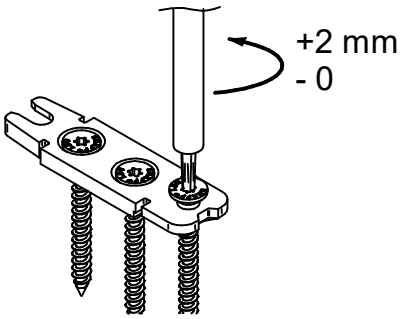
## screw pattern for main beam



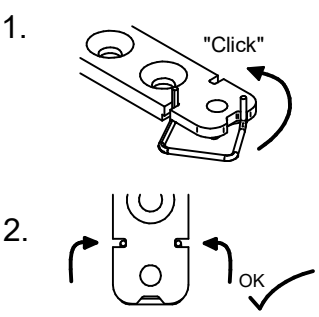

## screw pattern for secondary beam



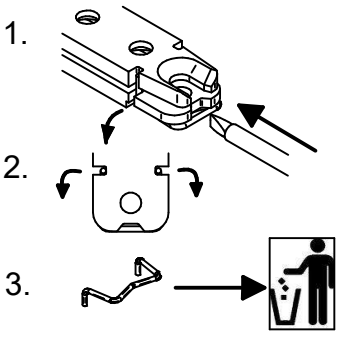

## screw depth adjustable




## Locking clip assembly




## Locking clip removal

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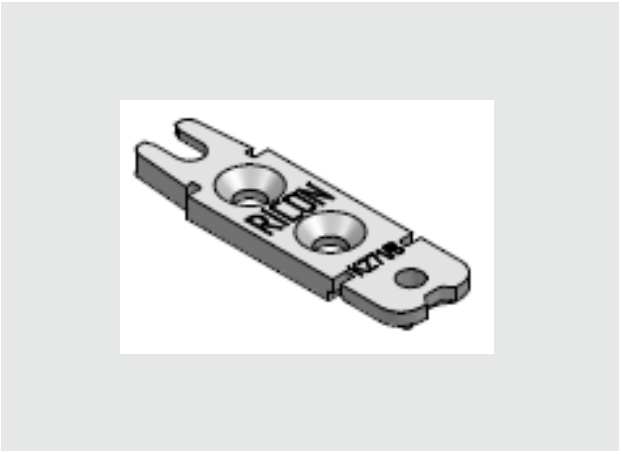
# Montageanleitung Construction Manual Notice de montage

**VERSION** **09.02.2021**

**RICON® 70/20 Edelstahl**




**Réf.** **K271**

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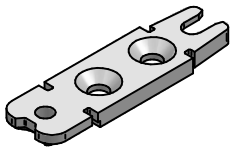


Notice de montage

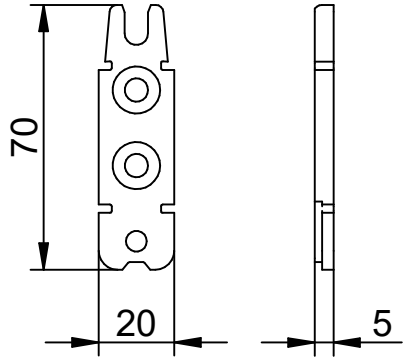
# RICON® 70/20 - A2

CE

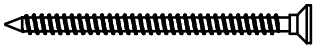
ETA-10/0189

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

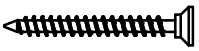
RICON® 70/20




Vis RICON® TF 5x80



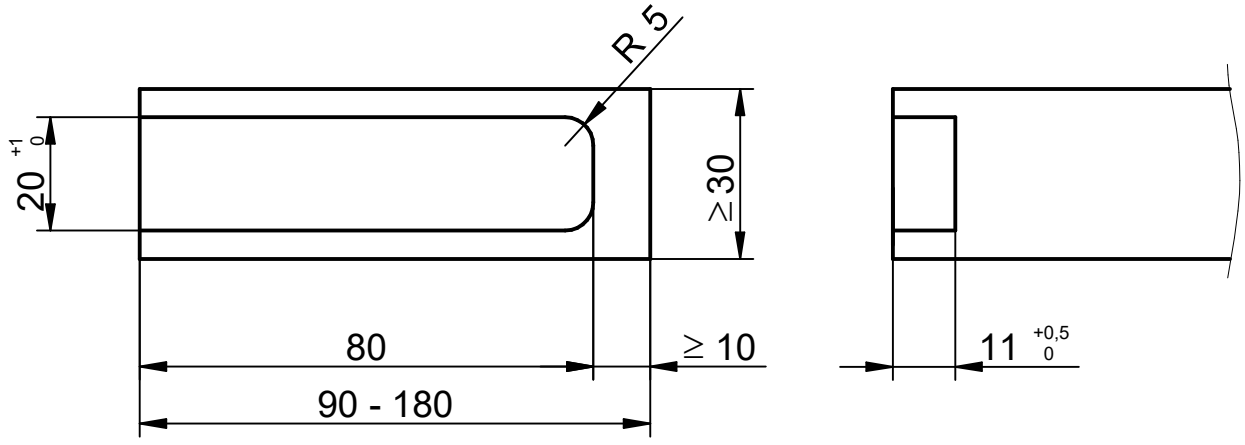
Vis RICON® TF 5x50



Goupille de verrouillage

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

Détails du fraisage traverse

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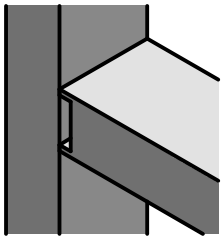


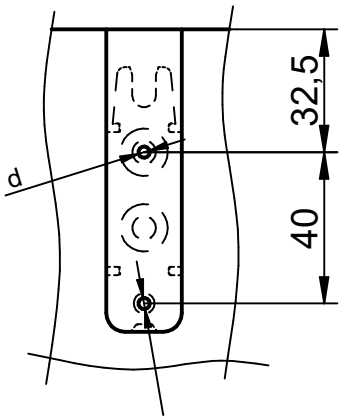
Notice de montage

# RICON® 70/20 EA - A2

**Réf. K271**

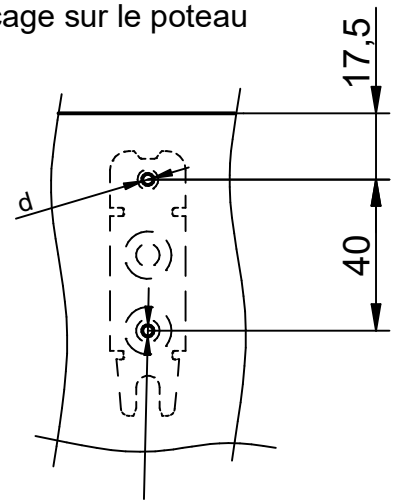
**Assemblage simple**
**Assemblages poteau - traverse**

## Détail du perçage sur la traverse



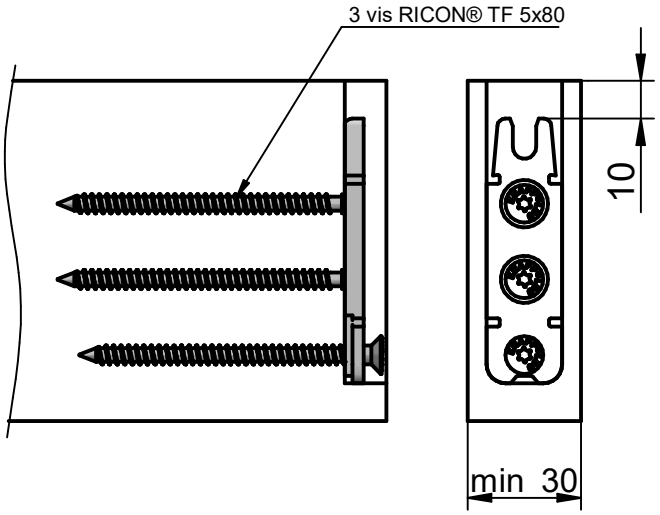

Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 75mm

## Détail du perçage sur le poteau

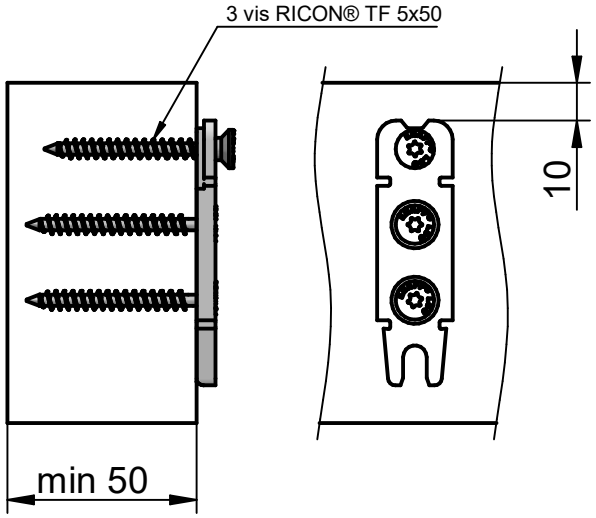



Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 45mm

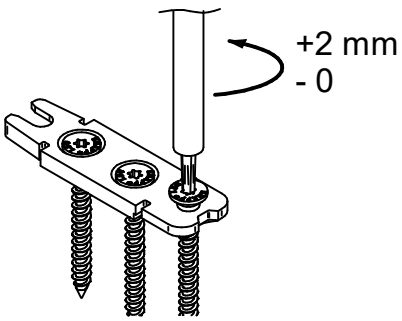
## Détail du vissage sur la traverse



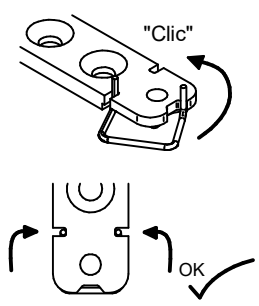

## Détail du vissage sur le poteau



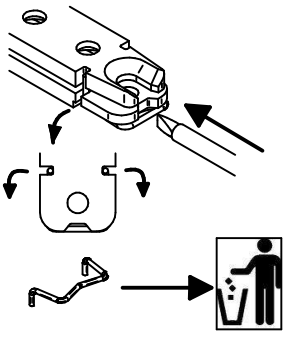

## Régler la vis d'accroche




## Mettre la goupille en place




## Déverrouiller la goupille

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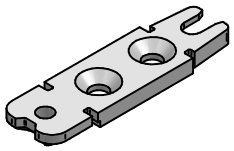
# RICON® 70/20 - A2



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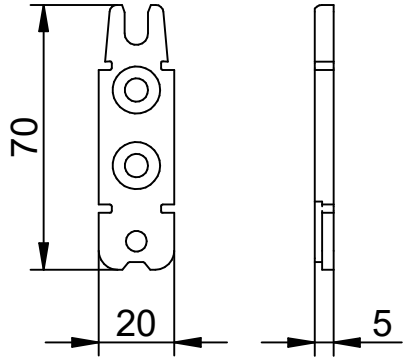
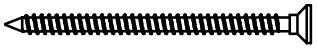
ETA-10/0189

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

RICON® 70/20




Vis RICON® TF 5x80

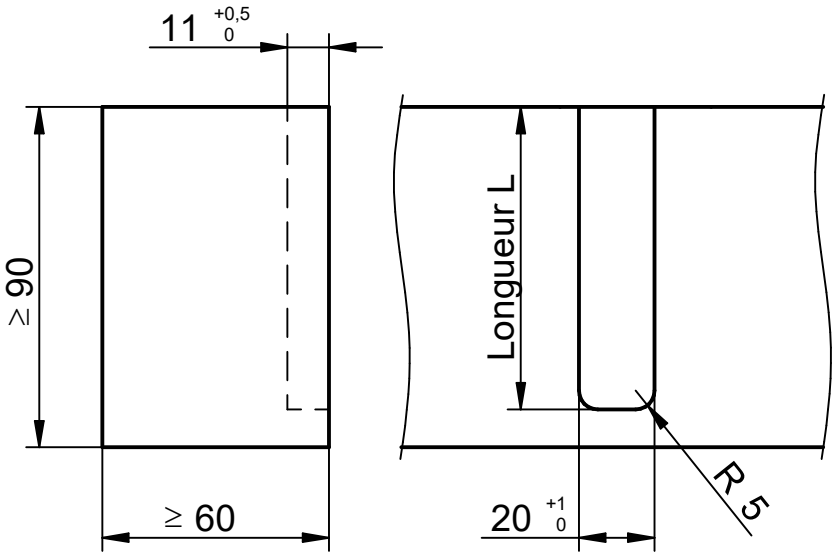


Vis RICON® TF 5x50

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 |

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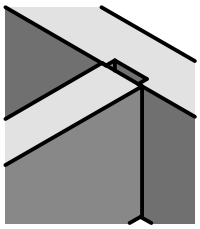


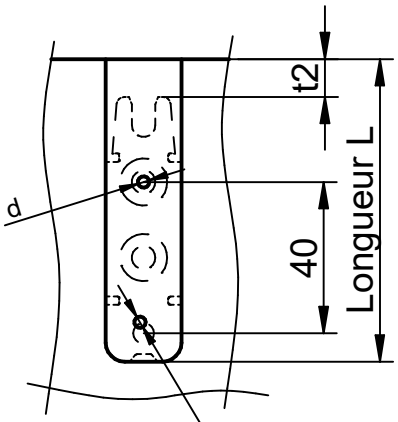
Notice de montage

# RICON® 70/20 EA - A2

**Réf. K271**

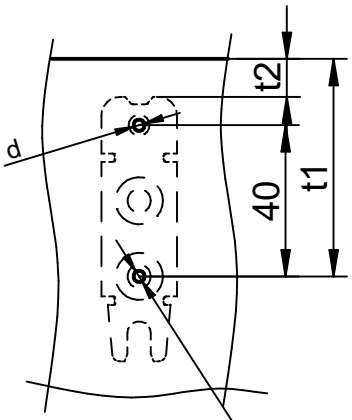
**Assemblage simple**
**Assemblages poutres principale - secondaire**

## 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

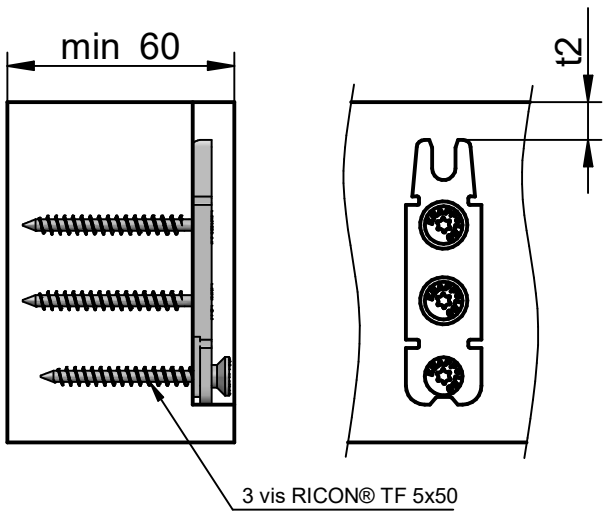



Résineux: pré-percer d...Ø 3mm, prof. 30mm
Feuillus: pré-percer d...Ø 3,5mm, prof. 75mm

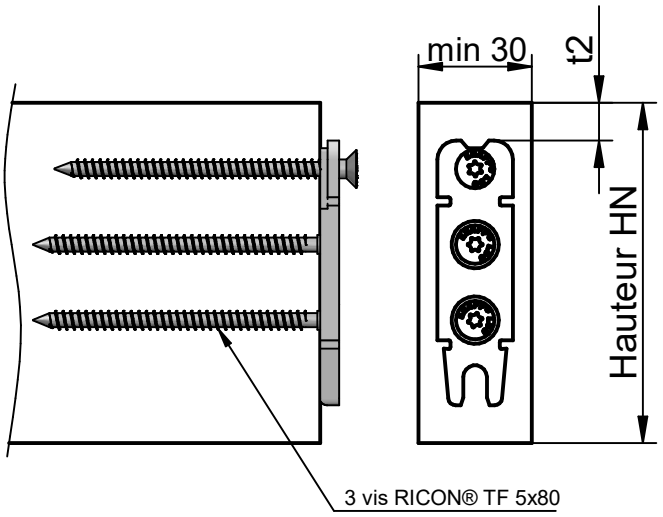
Distance de perçage t1 et t2 en relation avec la poutre secondaire HN

| 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 |

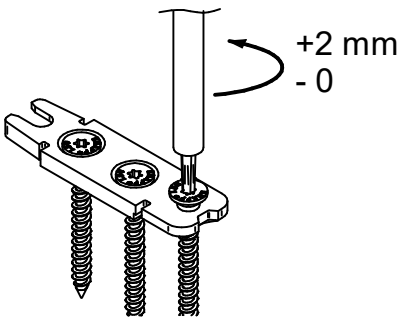
## Détail du vissage sur la poutre principale



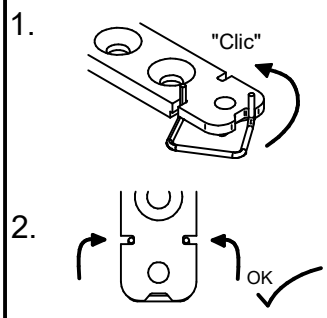

## Détail du vissage sur la poutre secondaire



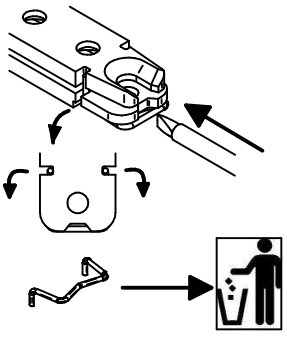

## Régler la vis d'accroche




## Mettre la goupille en place




## Déverrouiller la goupille

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