

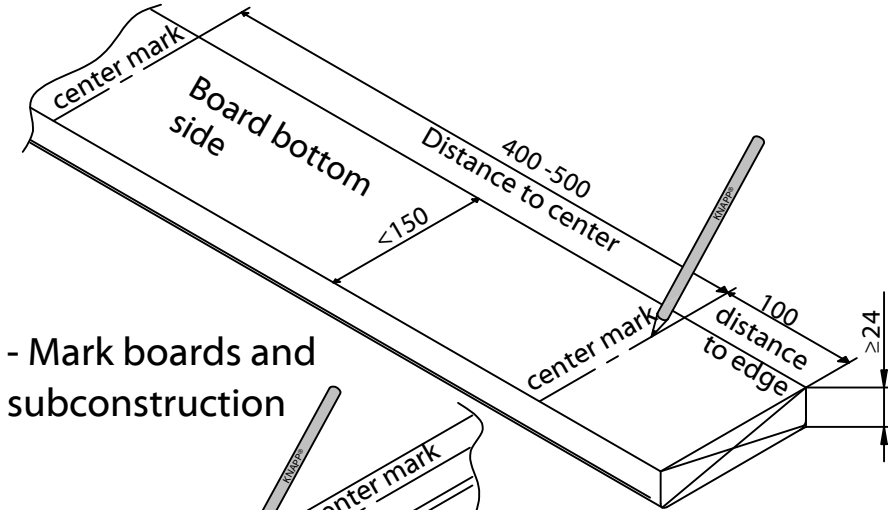
Installation instructions

QUATRO 65

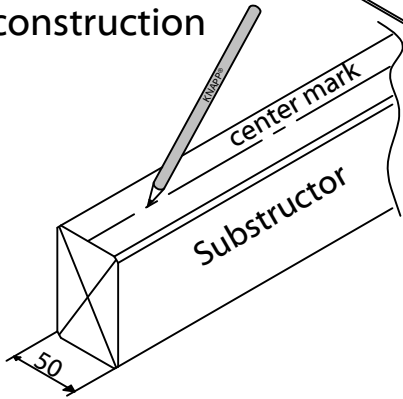
Deck connectors

Art.-No. K080 | K081

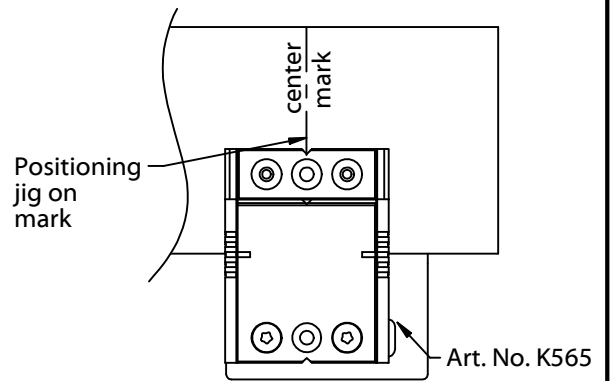
1. Mark out positions



- Mark boards and subconstruction

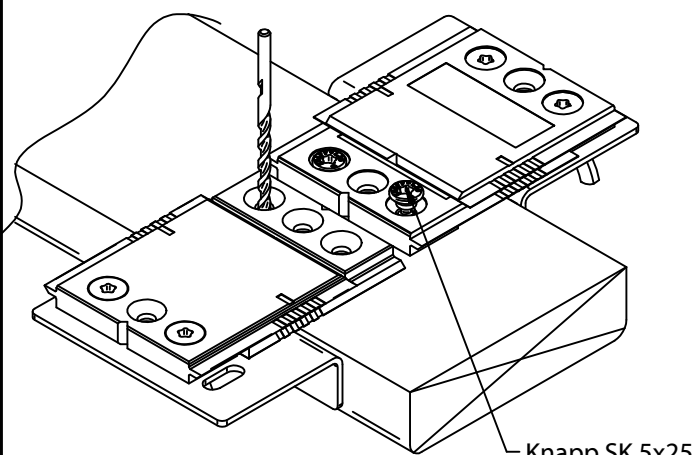


2. Positioning QUATRO 65 with jig

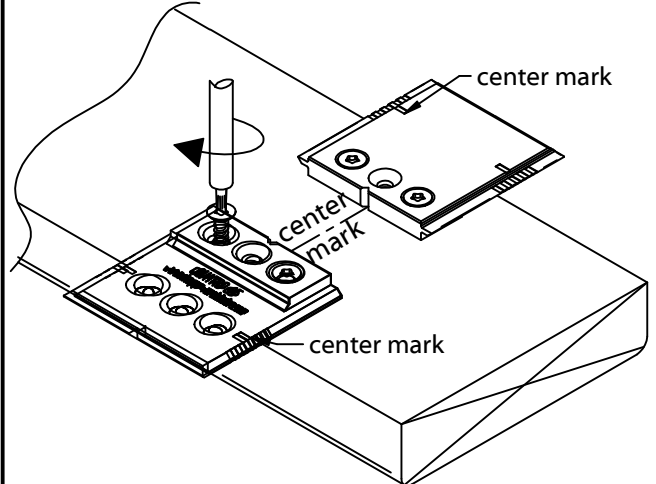


Predrill QUATRO 65 in hardwoods with jig

With softwood, no predrilling of QUATRO 65 necessary



- Pre-drill board
- Fix QUATRO 65



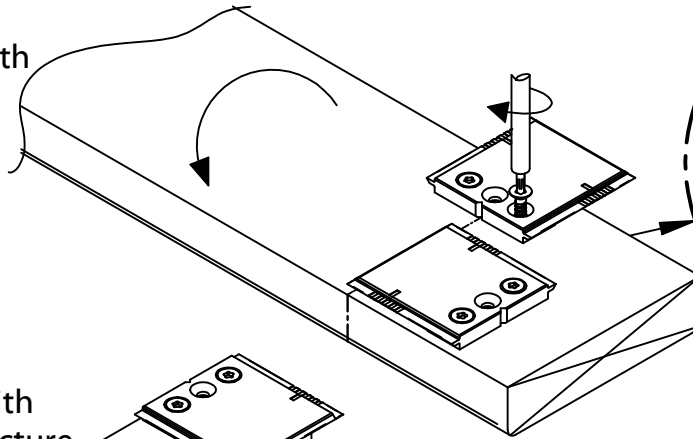
- Position QUATRO 65 at center marking on edge of the board
- Fix the QUATRO 65

This drawing is the exclusive property of Knapp GmbH.

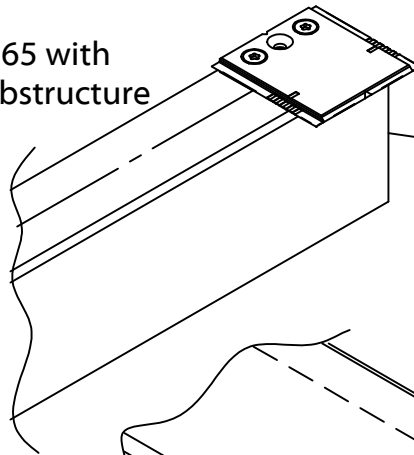
© Knapp GmbH. All measures in mm - Errors excepted. VERSION 3 10.11.2016

3. First board

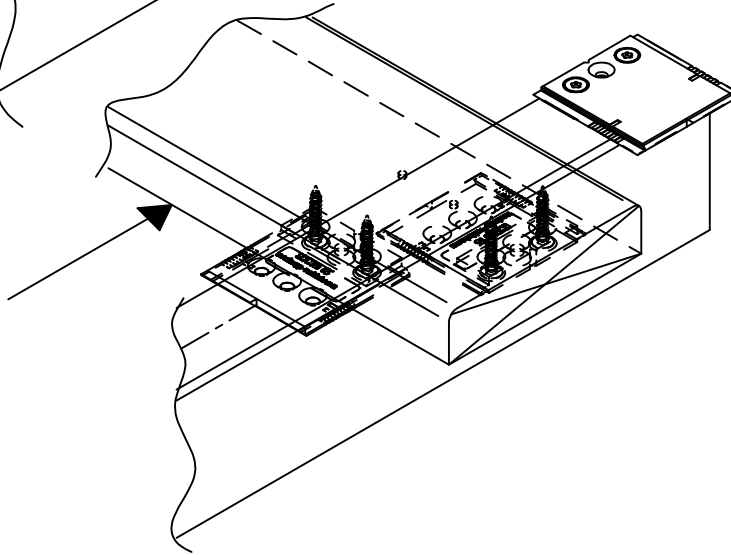
① Fix QUATRO 65 with screws on board



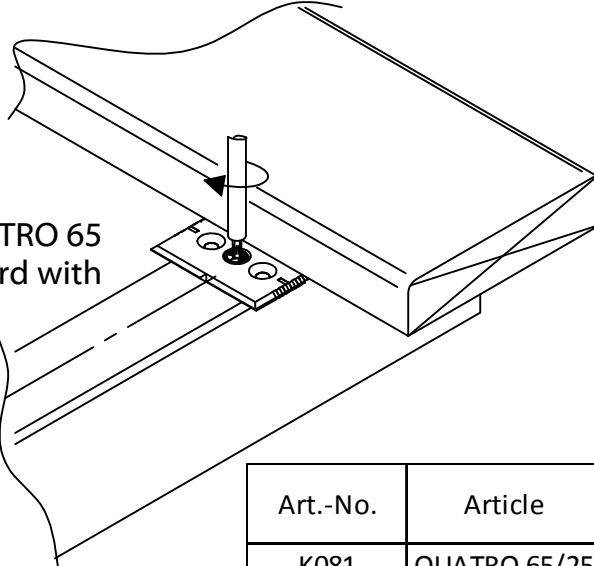
② Fix QUATRO 65 with screws on substructure



③ Slide on and stick in



④ Fix QUATRO 65 and board with screw



Art.-No.	Article	Board thickness d [mm]	Screwing / Connector set	
			Substructure	Board
K081	QUATRO 65/25	= 24-26	1 CS 5x25 mm	4 CS 5x25 mm
K080	QUATRO 65/30	≥ 27	1 CS 5x30 mm	4 CS 5x30 mm

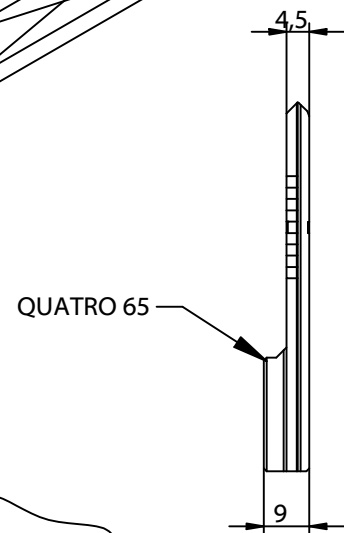
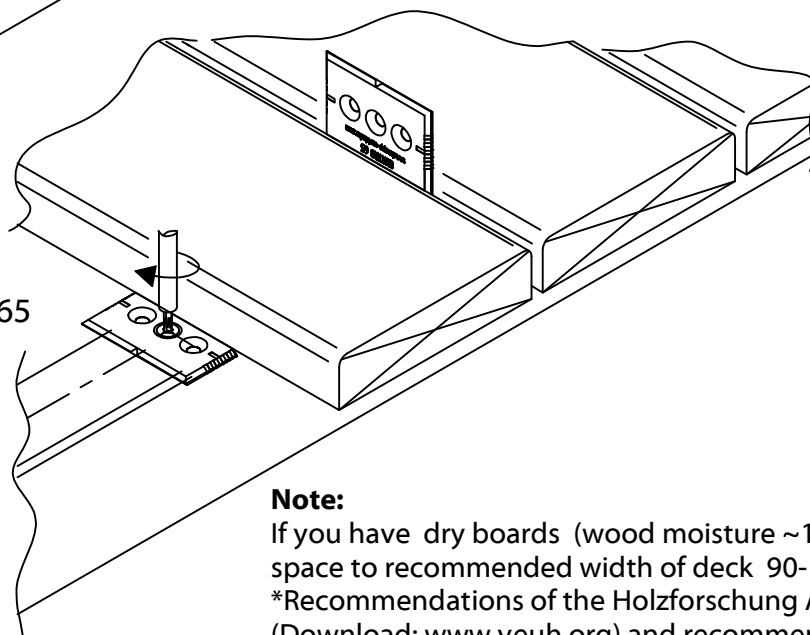
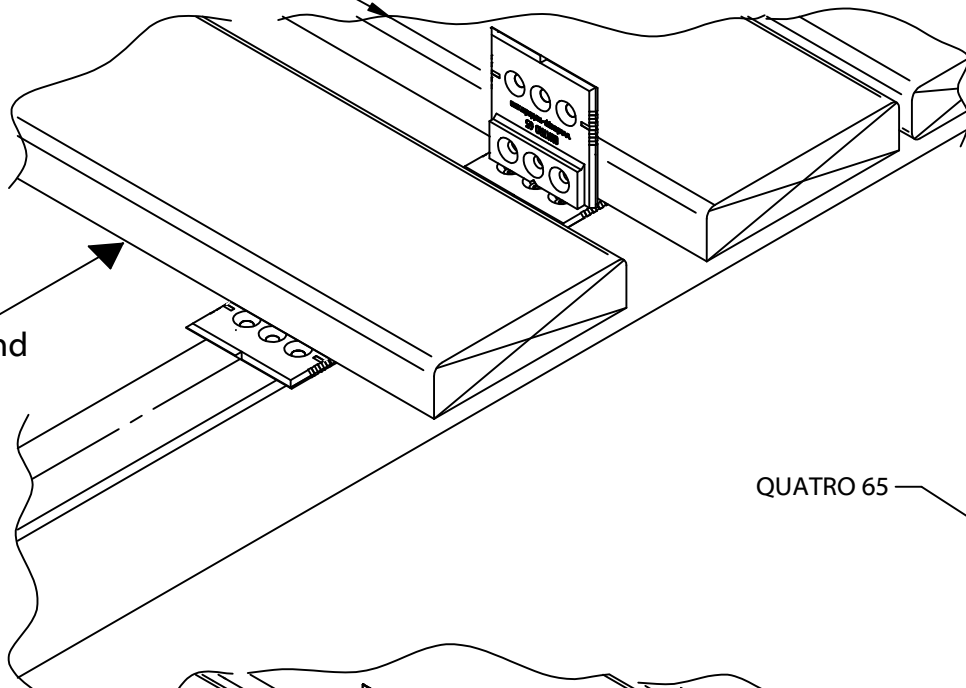
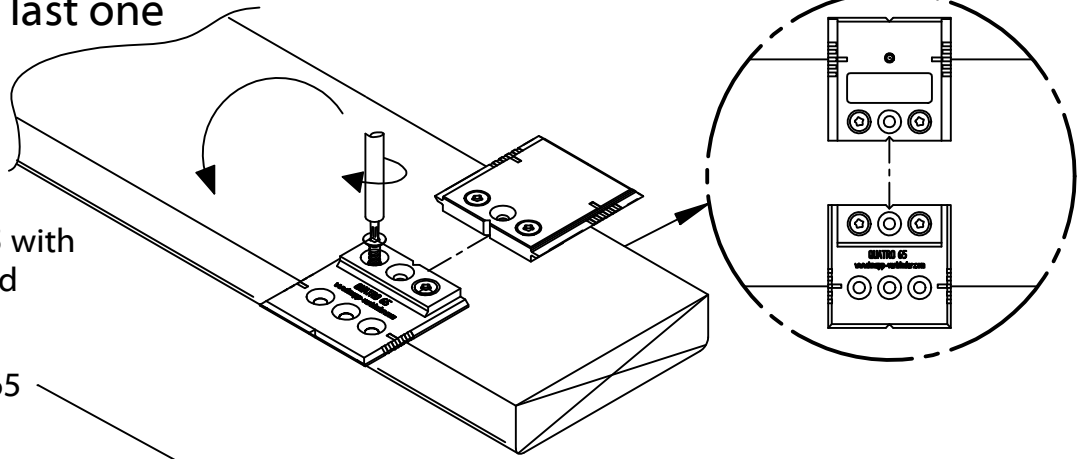
4. Boards after the first one and before the last one

① Fix QUATRO 65 with screws on board

② Use QUATRO 65 as spacers

③ Slide on and stick in

④ Fix QUATRO 65 and board with screw



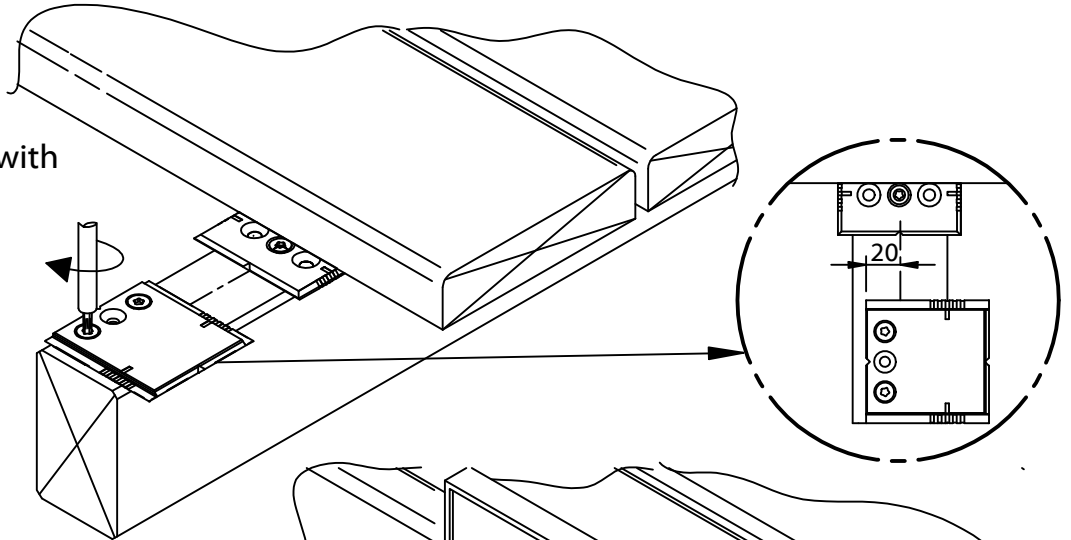
Note:

If you have dry boards (wood moisture ~15%) min. 7 mm joint space to recommended width of deck 90- 120 mm.

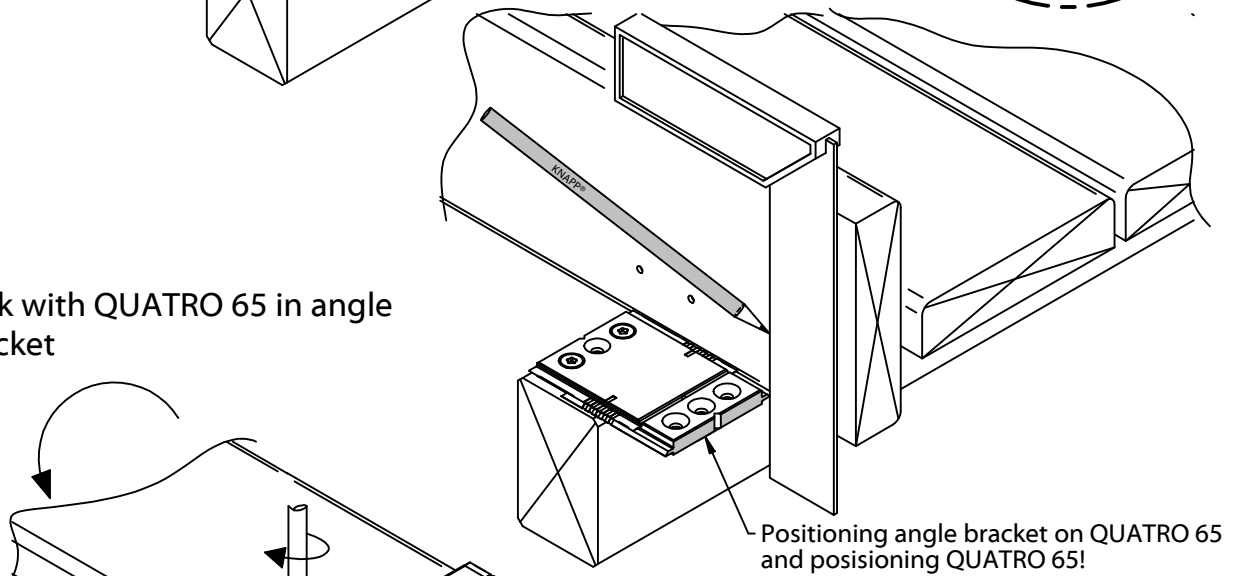
*Recommendations of the Holzforschung Austria, the VEH (Download: www.veuh.org) and recommendation of board supplier company.

5. Last board

1. Fix QUATRO 65 with screws on board

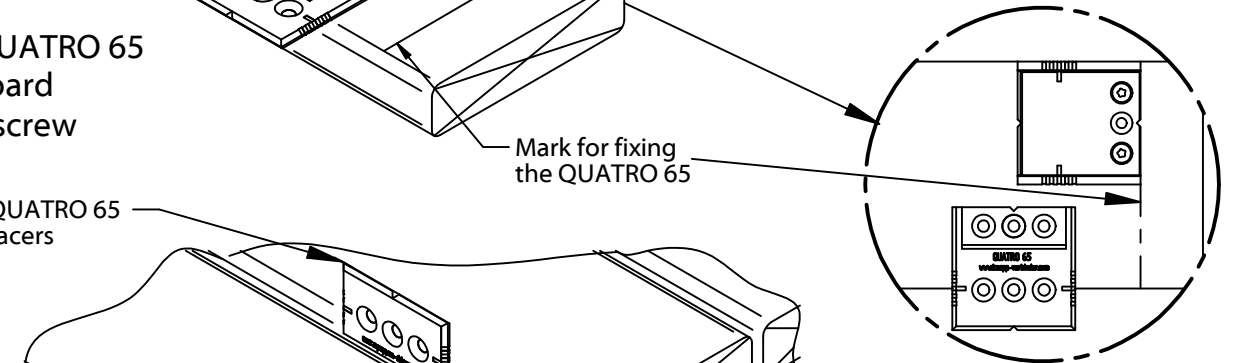


2. Mark with QUATRO 65 in angle bracket

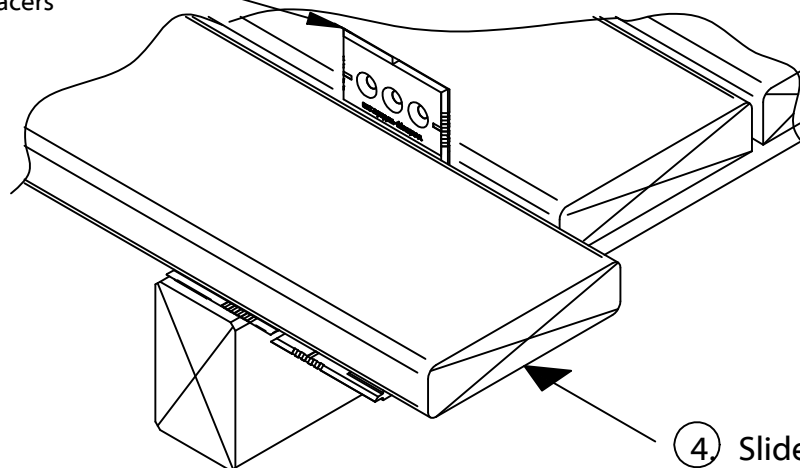


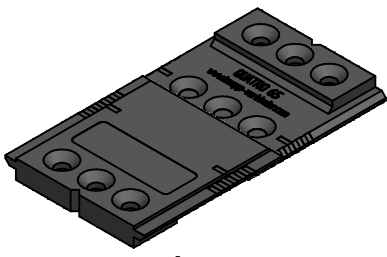
3. Fix QUATRO 65 on board with screw

Use QUATRO 65 as spacers



4. Slide on and stick in



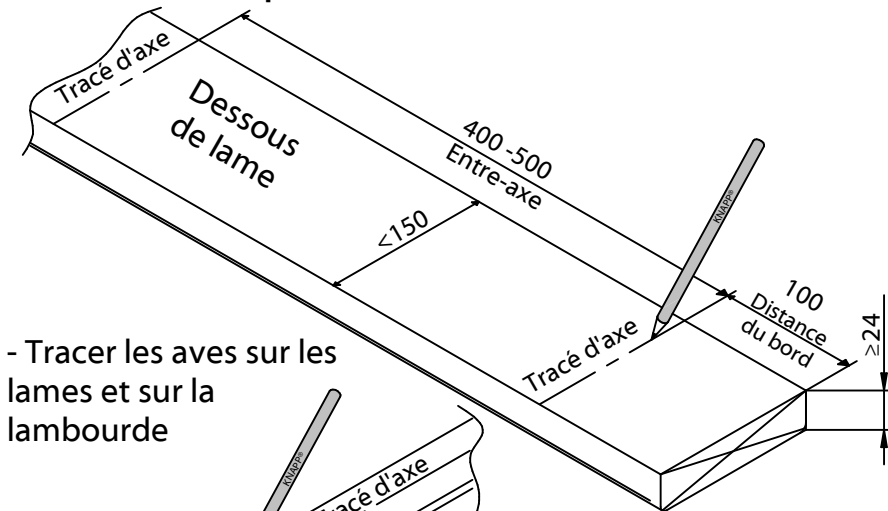


QUATRO 65

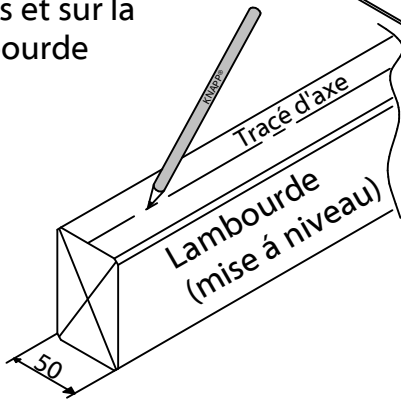
Réf. K080 | K081

Système pour lames de terrasse

1. Tracer les positions

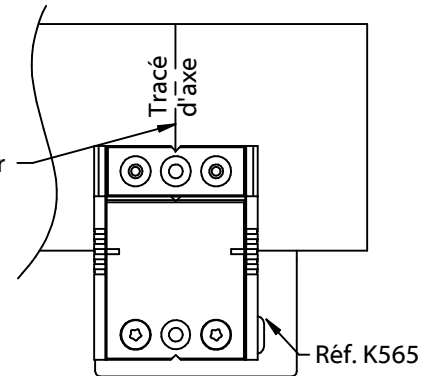


- Tracer les axes sur les lames et sur la lambourde

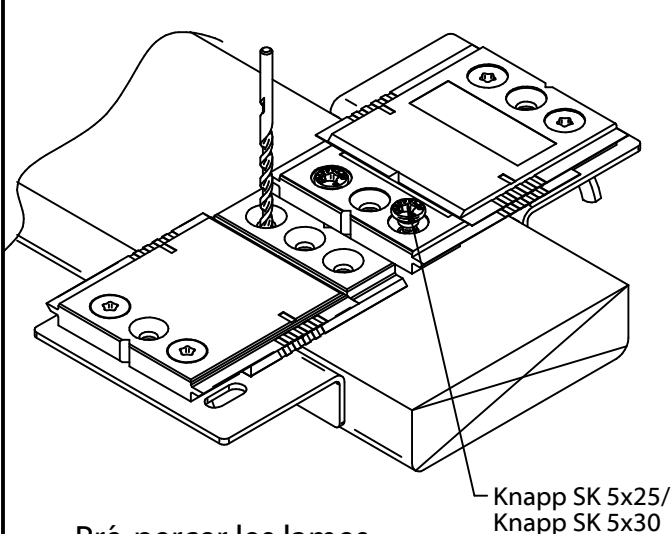


2. Positionner QUATRO avec le gabarit

Positionner le gabarit sur le tracé



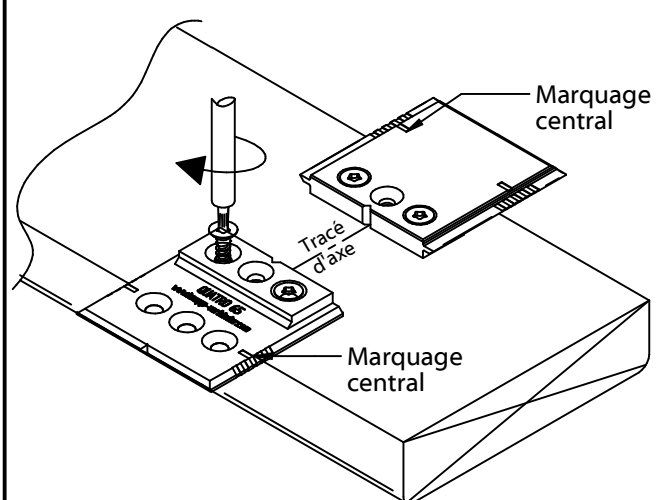
Pré-percer QUATRO sur les bois dur



- Pré-percer les lames
- Visser QUATRO

Knapp SK 5x25/
Knapp SK 5x30

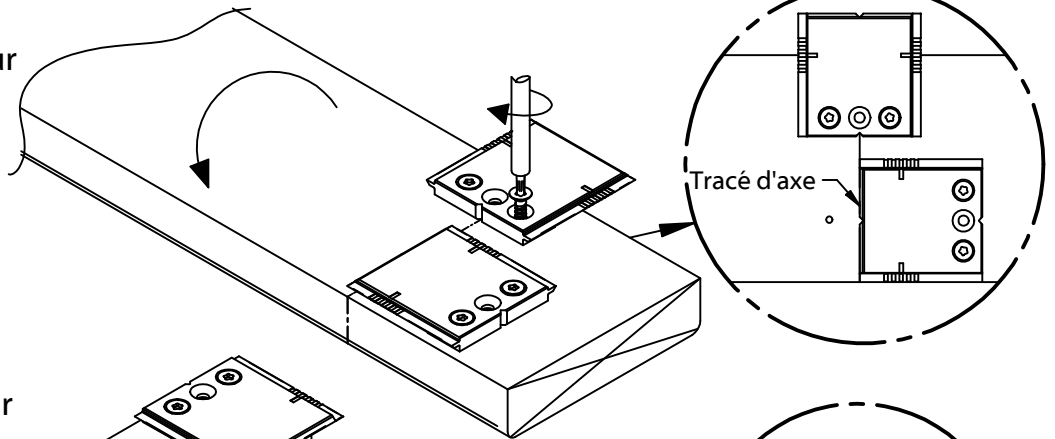
Visser QUATRO en direct sur les bois tendres



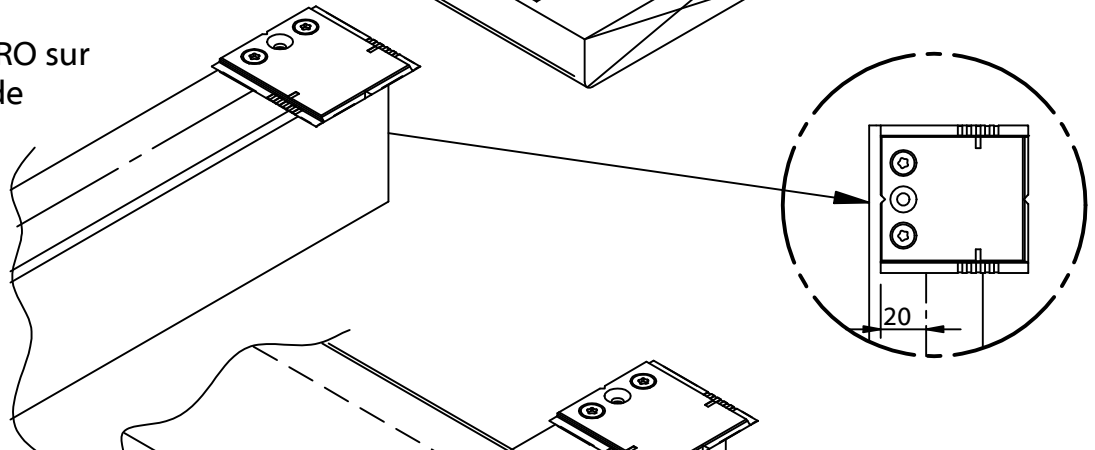
- Positionner la marque centrale de QUATRO sur le chant de la lame
- Visser QUATRO

3. Lame de départ

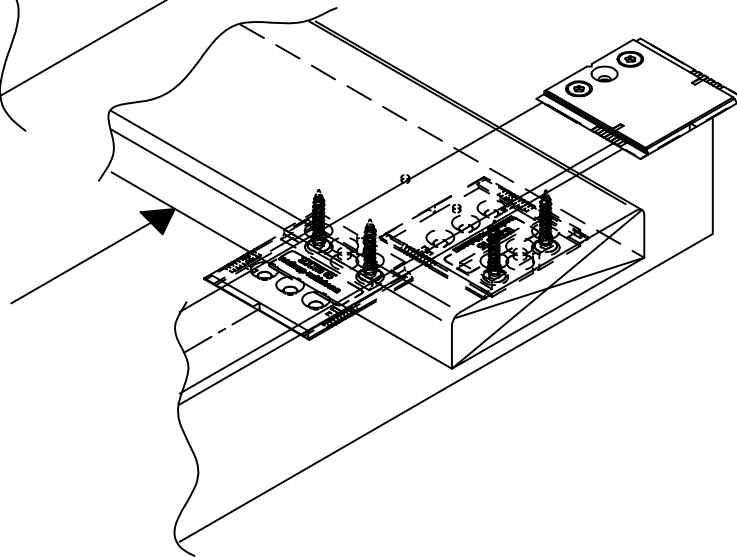
①. Visser QUATRO sur la lame



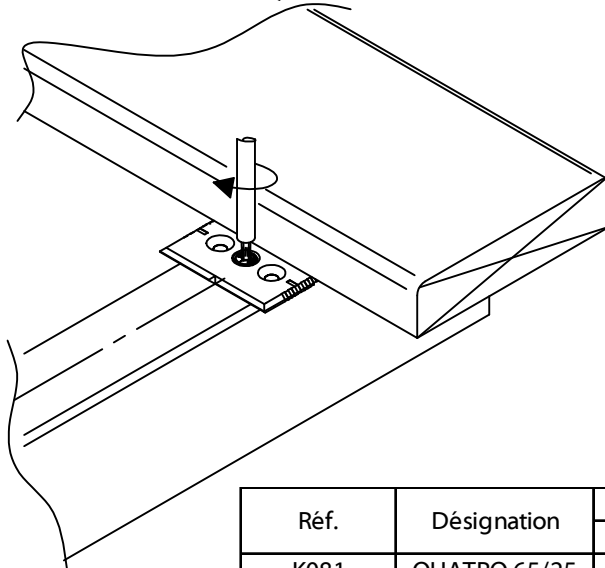
②. Visser QUATRO sur la Lambourde



③. Glisser



④. Visser



Réf.	Désignation	ép. Bois e [mm]	Vissage/ Paire de fixation	
			Lambourde	Lame
K081	QUATRO 65/25	24-26	1 SK 5x25 mm	4 SK 5x25 mm
K080	QUATRO 65/30	27-35	1 SK 5x30 mm	4 SK 5x30 mm

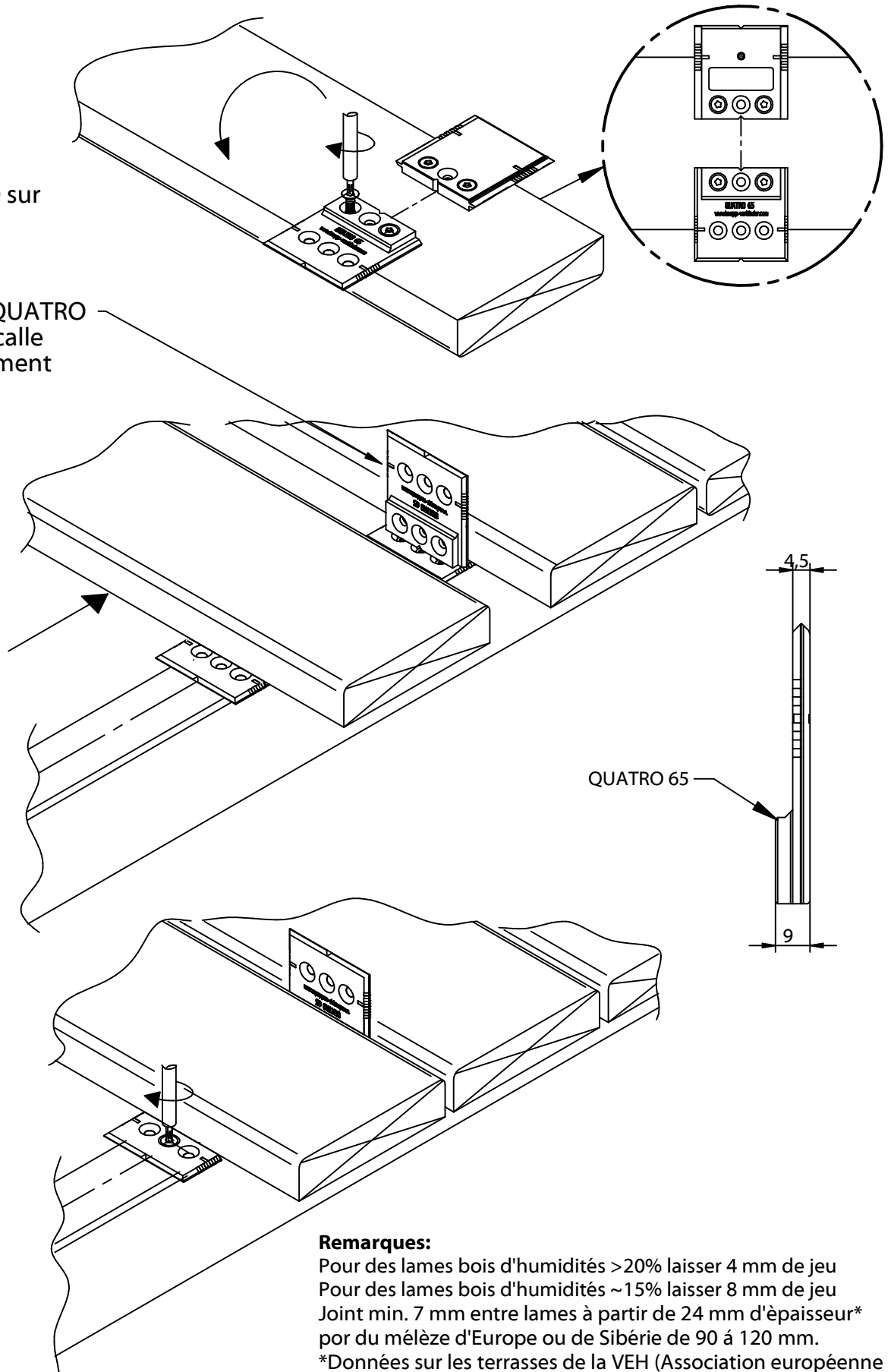
4. Lame centrale

1. QUATRO sur la lame

2. Utiliser QUATRO comme calle d'écartement

3. Glisser

4. Visser



Remarques:

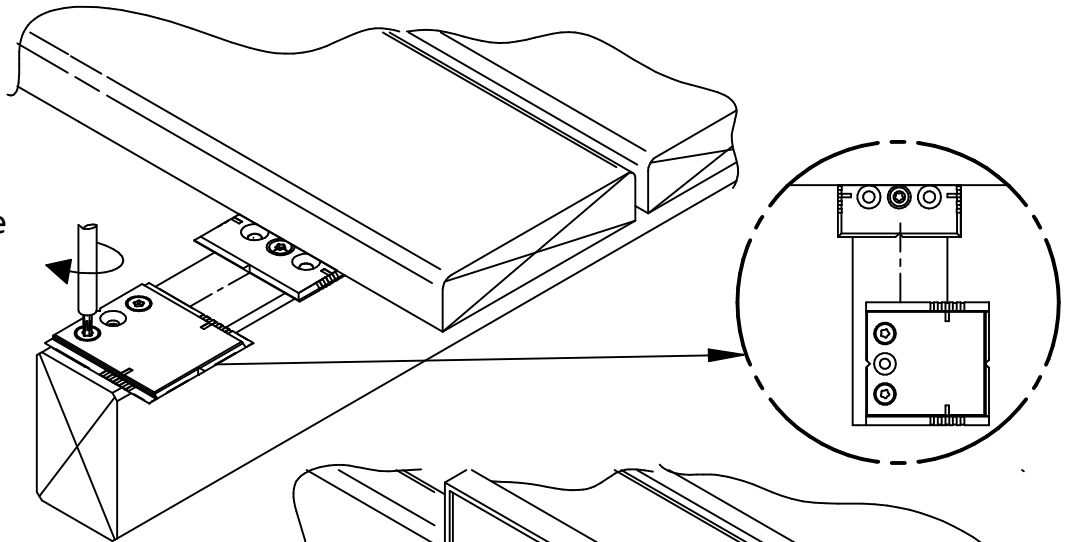
Pour des lames bois d'humidités >20% laisser 4 mm de jeu
 Pour des lames bois d'humidités ~15% laisser 8 mm de jeu
 Joint min. 7 mm entre lames à partir de 24 mm d'épaisseur*
 por du mélèze d'Europe ou de Sibérie de 90 à 120 mm.

*Données sur les terrasses de la VEH (Association européenne des raboteries).

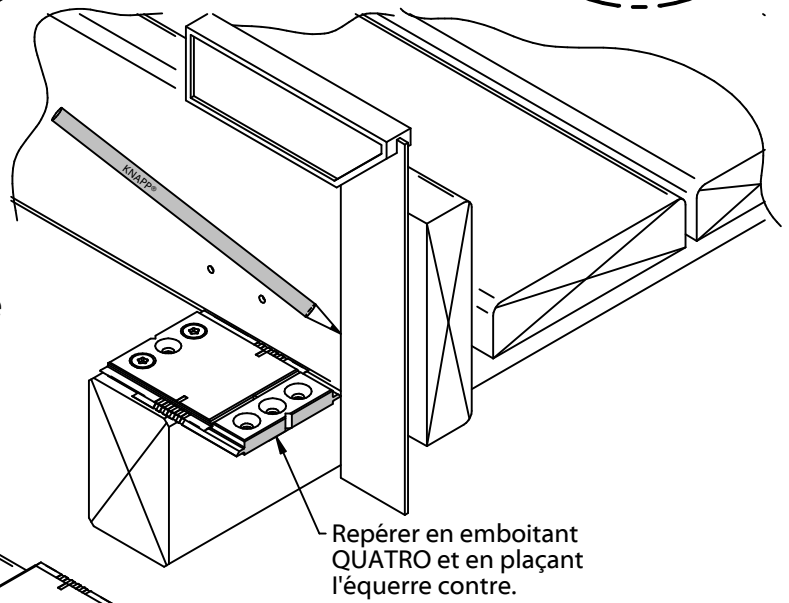
Respecter les consignes de pose des fournisseurs de bois !

5. Lame finale

- ①. Visser QUATRO sur la lambourde



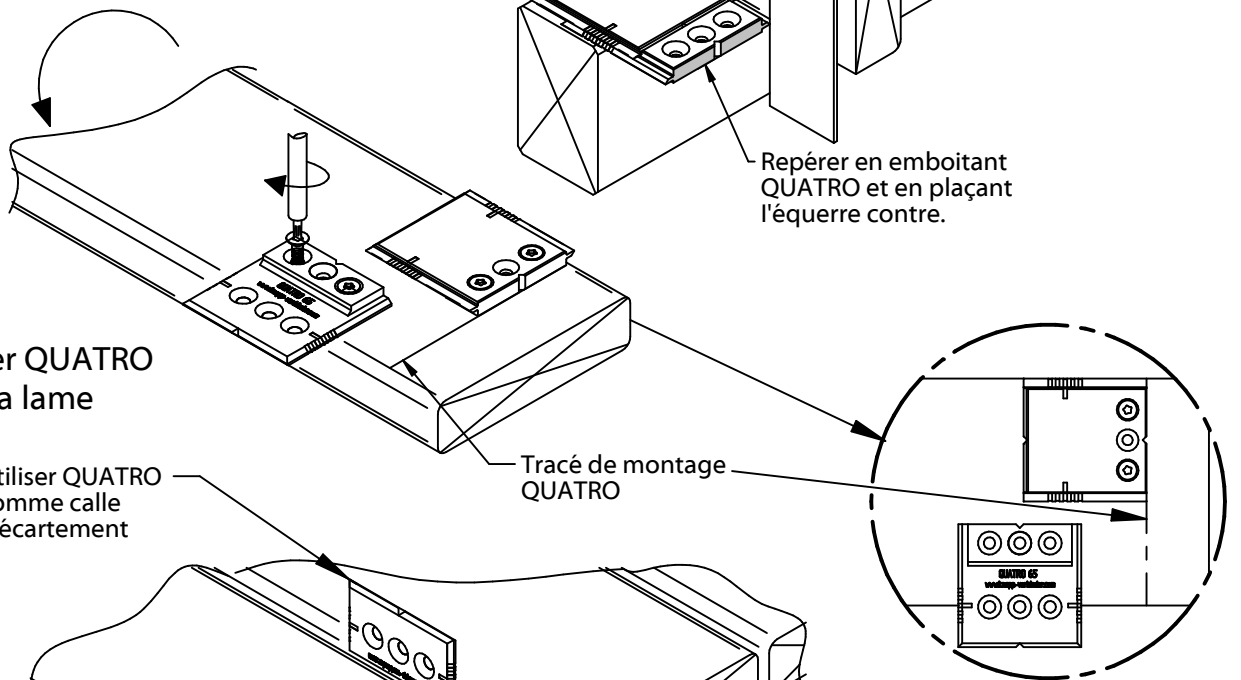
- ②. Tracer QUATRO avec une équerre



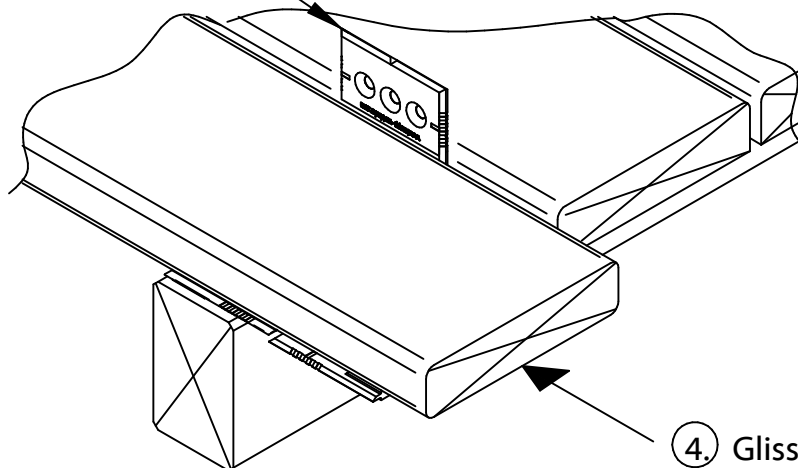
- ③. Visser QUATRO sur la lame

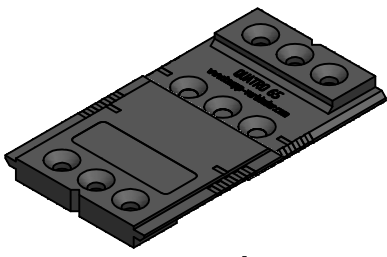
Utiliser QUATRO comme calle d'écartement

Tracé de montage QUATRO



- ④. Glisser



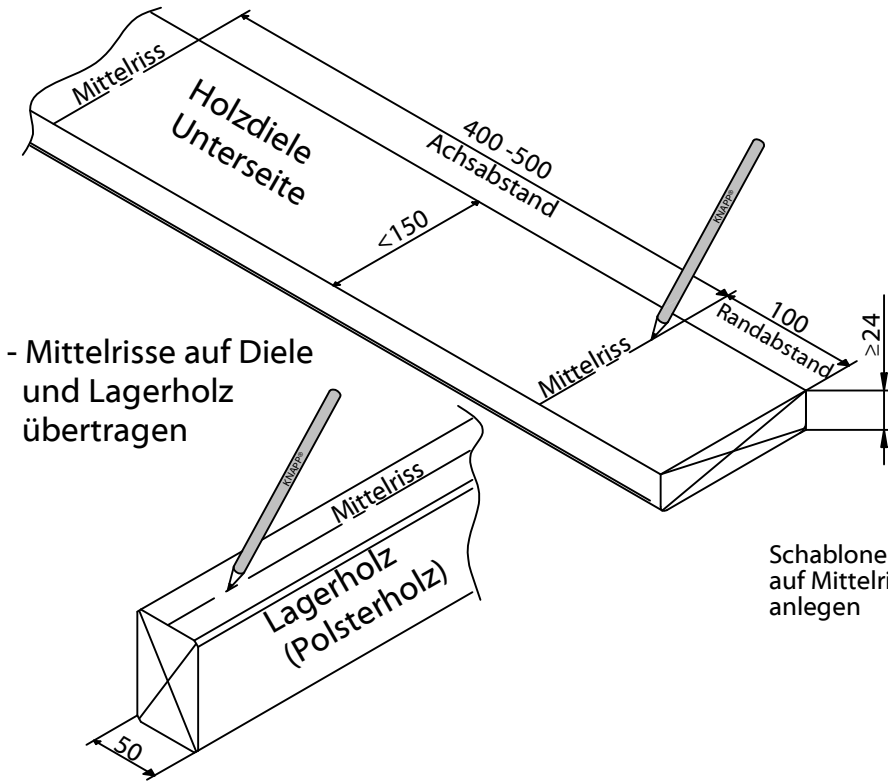


QUATRO 65

Dielenbefestigungssystem

Art.-Nr. K080 | K081

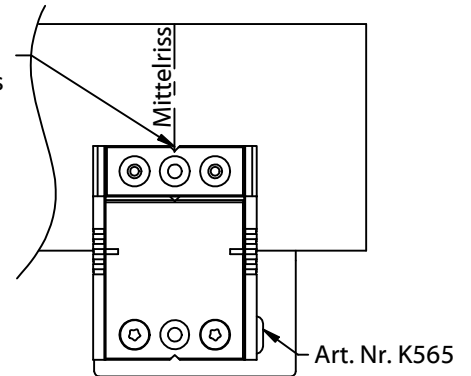
1. Positionen anreißen



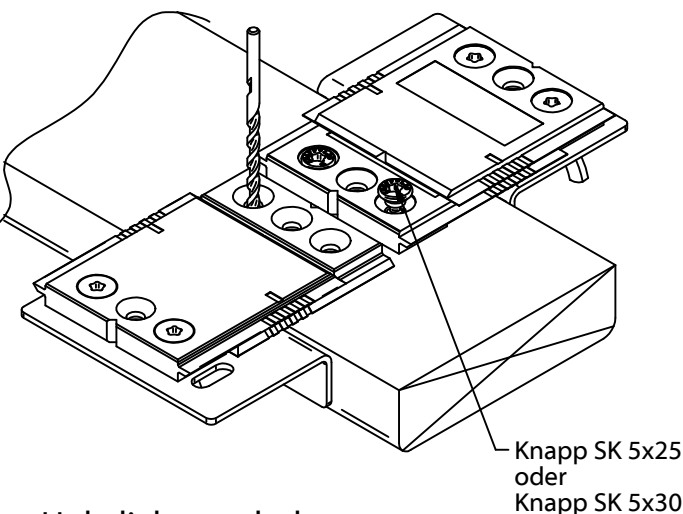
- Mittelrisse auf Diele und Lagerholz übertragen

2. QUATRO 65 mit Schablone positionieren

Schablone auf Mittelriss anlegen



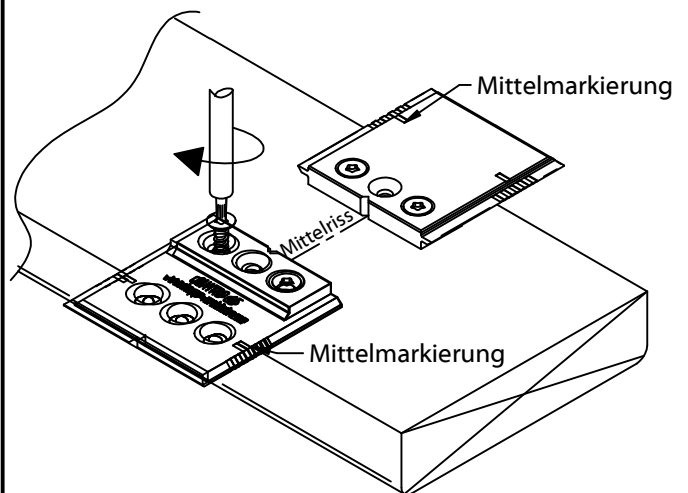
QUATRO 65 bei Harthölzern mit Schablone vorbohren



- Holzdielen vorbohren
- QUATRO 65 verschrauben

Knapp SK 5x25 oder Knapp SK 5x30

QUATRO 65 bei Weichhölzern ohne Vorbohren direkt verschrauben



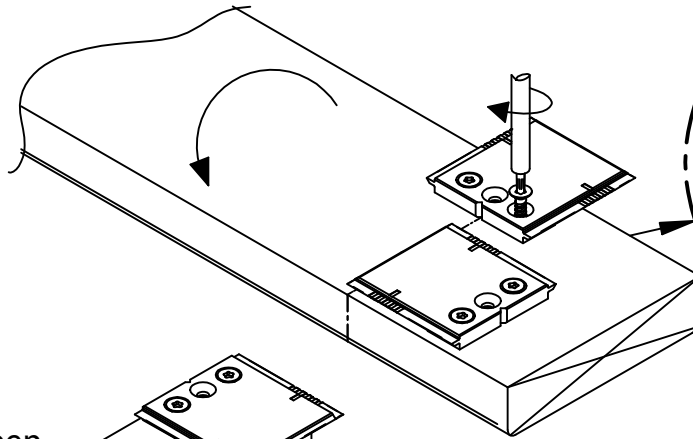
- QUATRO 65 Mittelmarkierung auf Dielenkante anlegen
- QUATRO 65 verschrauben

Diese Zeichnung ist Eigentum der Knapp GmbH.

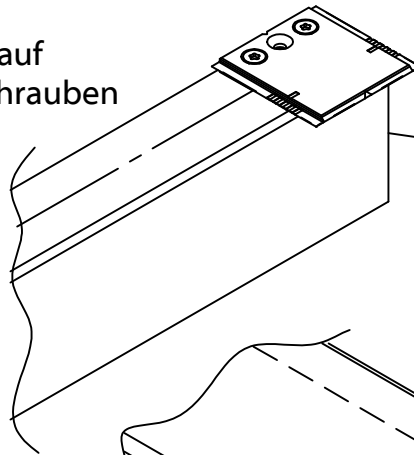
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3. Anfangsdielen

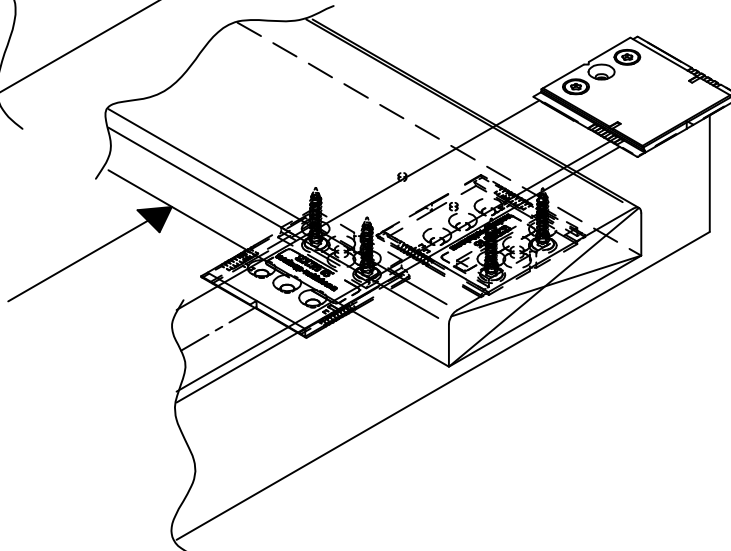
①. QUATRO 65 auf Diele schrauben



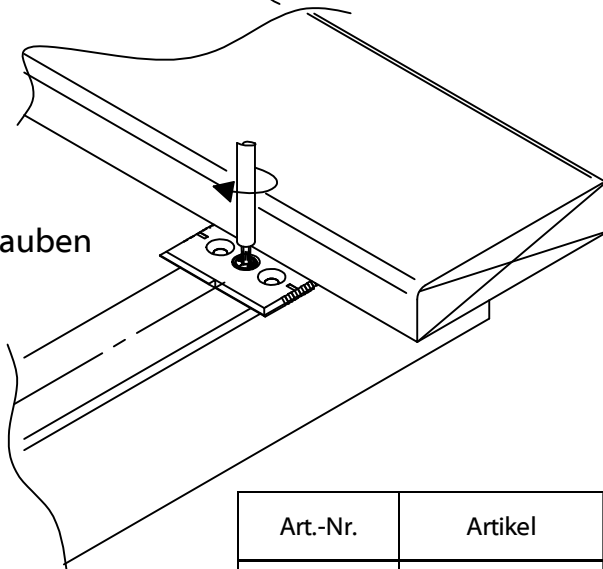
②. QUATRO 65 auf Lagerholz schrauben



③. Aufschieben



④. Verschrauben



Art.-Nr.	Artikel	Holzstärke d [mm]	Verschraubung / Verbinderpaar	
			Lagerholz	Holzdielen
K081	QUATRO 65/25	≥ 24-26	1 SK 5x25 mm	4 SK 5x25 mm
K080	QUATRO 65/30	≥ 27	1 SK 5x30 mm	4 SK 5x30 mm

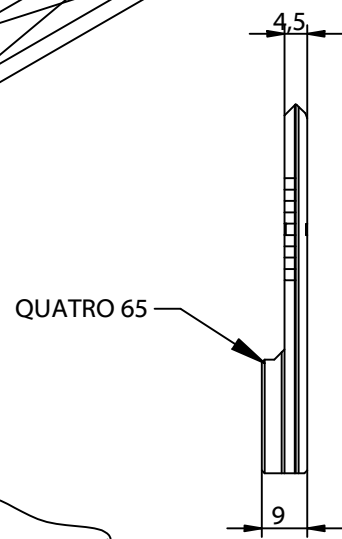
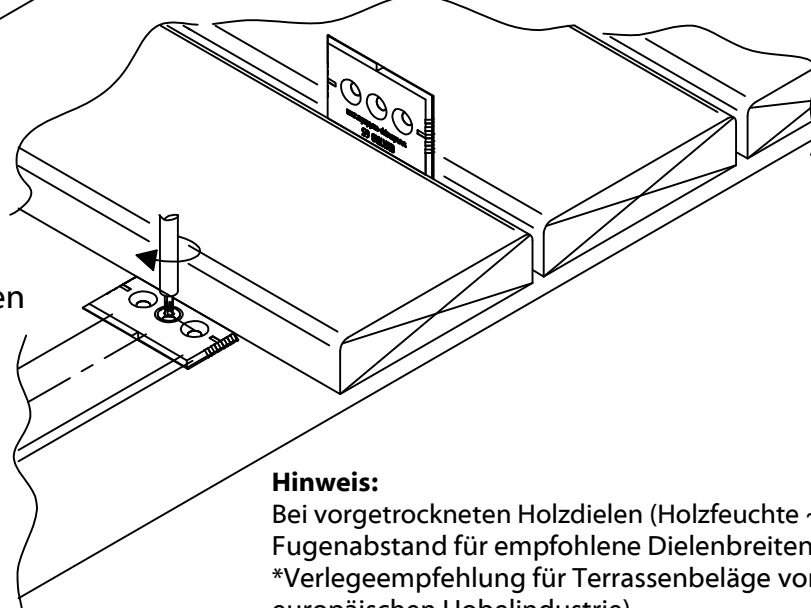
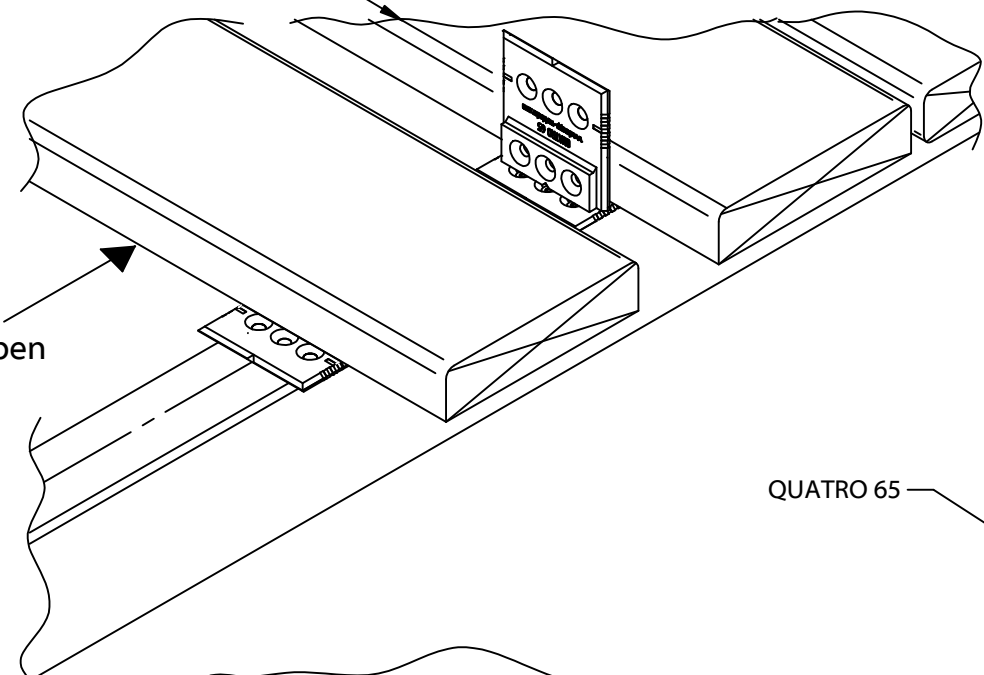
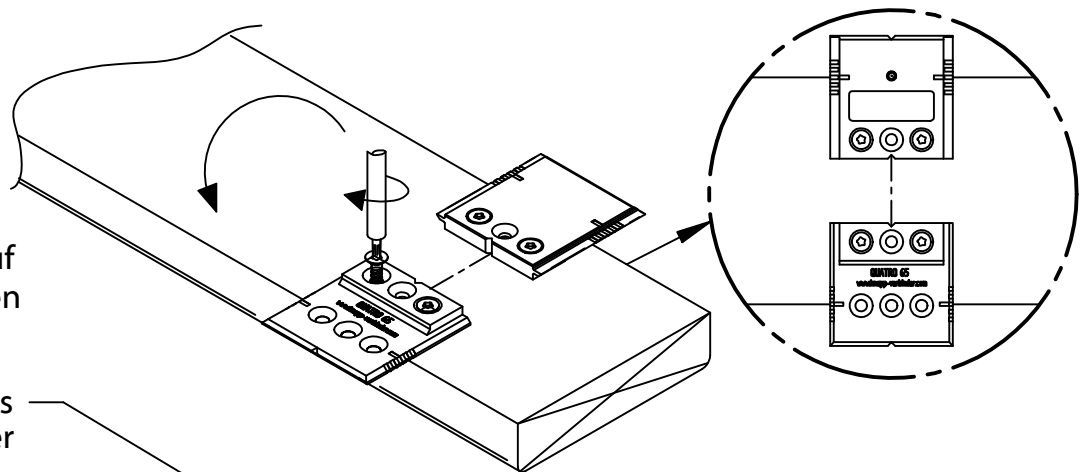
4. Mitteldielen

1. QUATRO 65 auf Diele schrauben

2. QUATRO 65 als Abstandshalter verwenden

3. Aufschieben

4. Verschrauben



Hinweis:

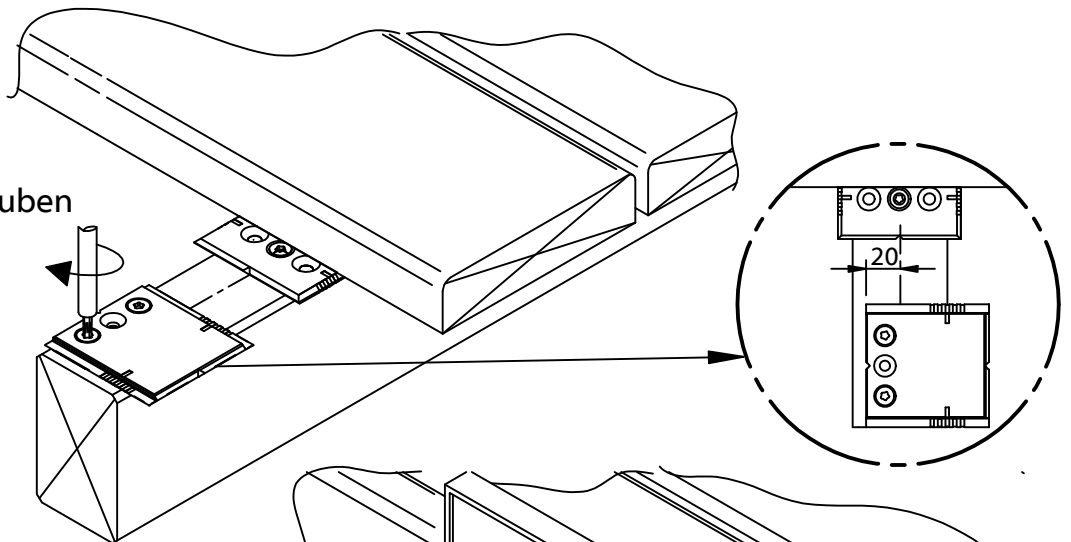
Bei vorgetrockneten Holzdielen (Holzfeuchte ~15%) mindestens 7 mm Fugenabstand für empfohlene Dielenbreiten von 90-120 mm.

*Verlegeempfehlung für Terrassenbeläge von VEH (Verband der europäischen Hobelindustrie).

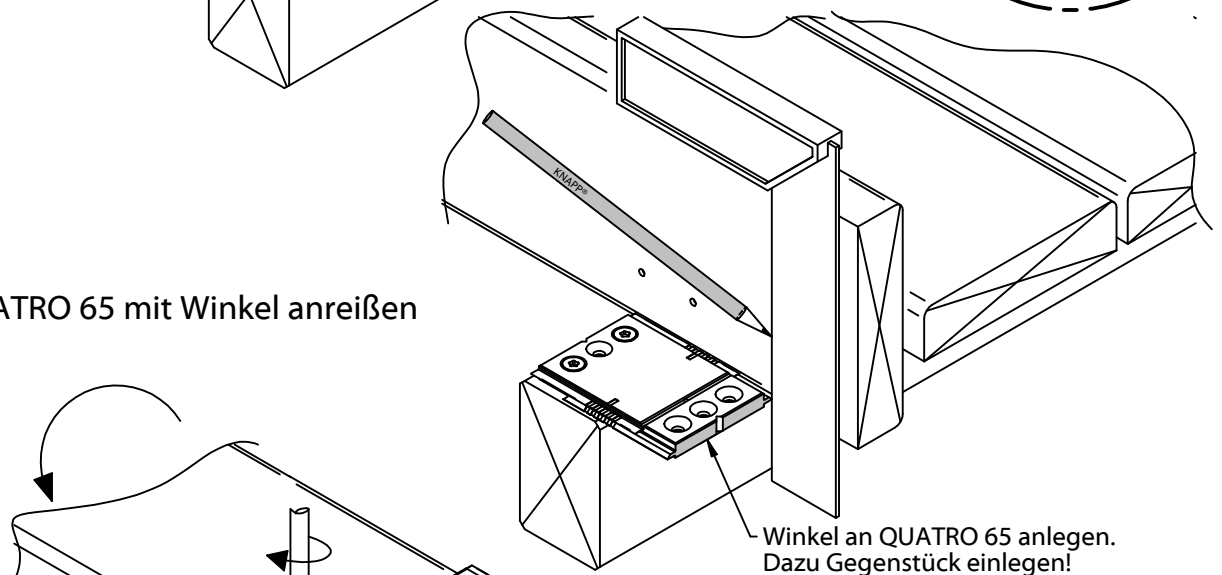
Beachten Sie auch die Empfehlung Ihres Qualitäts- und Holzlieferanten!

5. Enddiele

1. QUATRO 65 auf Lagerholz schrauben



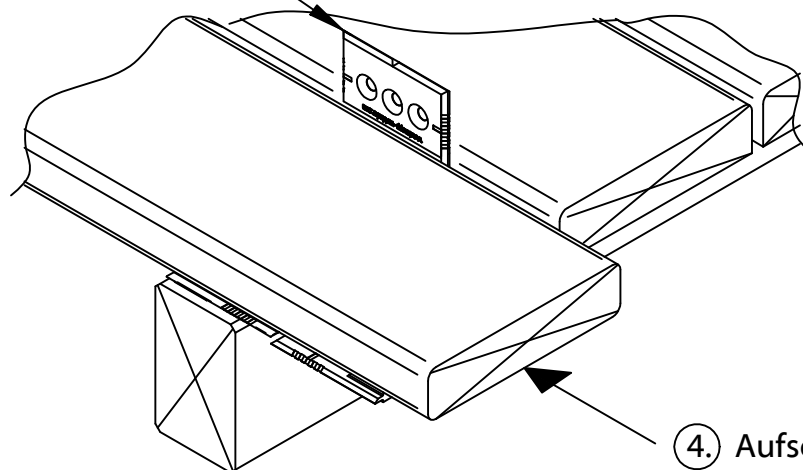
2. QUATRO 65 mit Winkel anreißen



3. QUATRO 65 auf Diele schrauben

QUATRO 65 als Abstandshalter verwenden

Riss für QUATRO 65 Montage



4. Aufschieben