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Technic **31080**

EN **Operation manual**

G-TRACK

Gerriets

Scan the following QR code or click the preceding icon in the PDF view to access the G-TRACK product page. There you will find further product information, such as videos and application examples.

Legal notice

This operating manual was produced by:
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Note regarding the original version and translations:
The original operating manual was written in German. All other language versions of this operating manual are translations of the original operating manual.

Subject to errors and technical changes.

Table of contents

1 About this document

1.1 How to use the operating manual

Basic information on the operating manual

This operating manual is part of the track system G-TRACK and applies to the following components:

- Track system G-TRACK – Item no. 31080 00000 and all component parts for manual operation
- G-TRACK-OFFICE acoustic curtain
- Accessories (see *Chapter 2.5 Accessories and spare parts* [▶ p. 17]).

The operating manual contains safety-related and functional information for the correct use of the product.

➔ Please read the operating manual in full, especially *Chapter 9 Safety* [▶ p. 102].

➔ If you have any questions, please contact Gerriets GmbH (for contact details see *Chapter 12.1 Contact* [▶ p. 114]).

➔ Ensure that all persons working with the system have access to the operating manual.

➔ Keep the operating manual in the immediate vicinity of the product.

➔ Pass on the operating manual to the new operator when transferring the product.

Safety information

Chapter 9 Safety [▶ p. 102] contains information on intended use, general safety instructions, personnel qualifications, protective equipment, standards, and limitation of liability.

Specific safety instructions can be found in *Chapter 4 Transport* [▶ p. 28], *Chapter 5 Assembly* [▶ p. 29] and *Chapter 6 Maintenance and servicing* [▶ p. 98].

Accident prevention regulations

➔ In addition to the information in this manual, local accident prevention regulations and national occupational health and safety regulations apply.

1.1.1 Symbols and markings

Presentation of a warning

Warnings are identified by a signal word and pictogram and are highlighted separately. On the left-hand side of the warning, additional pictograms may indicate specific dangers (in this example, a warning of electrical voltage). Embedded warnings may deviate from this structure.

⚠ DANGER

Type and source of the hazard

Consequences of failing to observe the warning.

➔ Measures to avert the danger and its consequences.

Hazard levels of warning notices

The signal word used indicates the hazard level:

DANGER

Elevated risk of an imminent hazardous situation resulting in severe injury or death.

WARNING

Medium risk of a potential hazardous situation resulting in severe injury or death.

CAUTION

Minimal risk of a potential hazardous situation resulting in minor or moderate injury.

NOTICE

Risk of a potential hazardous situation that may result in damage to the product or property.

Explanation of warning and instruction symbols used in the operating manual

Warning of specific risks

General warning symbol

Warning of suspended loads

Warning of the risk of falling objects

Warning of obstacles above head height

General mandatory sign

Follow the operating instructions

Further information and symbols

➔ Indication of an action to be performed (one step)

▶ Marking page number references

1. Marking of the first step or a sequence of steps

↪ Labelling a deviating variant for this step

⇨ Marking a direct sequence

✓ Marking the completion of an action

• Marking bullet points

Marking of important information

2 Structure and function

Track system

Item no. 31080 00000

G-TRACK is a modular track system for light to medium-weight curtains that can be operated manually – either as a walk-along track or with a pull cord in a cord guide – or motorised via the G-DRIVE with corresponding control components.

A separate installation and operating manual are prepared for the electric drive of the G-TRACK track system. This manual covers only mechanical installation and manual operation.
The manual for the motorised drive is currently not yet available and will be provided later (as of 16.07.2026).

Depending on the selected accessories, the track system can be expanded modularly, among other things, with mountings for the outer layers of sound insulation curtains and can thus accommodate an OFFICE acoustic curtain.

Suspensions and mounting options are available in various designs, which are shown in *Chapter 2.4 Suspension variants* [▶ p. 15].

Furthermore, accessories are available, such as add-on brakes for locking or a curtain wand (see *Chapter 2.5 Accessories and spare parts* [▶ p. 17]).

2.1 Theatre and Interior track (single and double track)

Number and designation (1/2):

1 G-TRACK master runner
Item no. 31080 0001X

2 G-TRACK straight track
Item no. 31080 010XX

G-TRACK curved track with extension
Item no. 31080 011XX

3 Variable end stop
Item no. 31080 0094X

4 Double-wheel curtain runner
Item no. 31080 0002X

The following illustrations show a double track system for theatres and assembly halls.

The G-TRACK master runner (**1**/Fig. 1) forms the first attachment point of a curtain section on the G-TRACK track (**2**/Fig. 1).
As a basic runner, depending on the application, it can be expanded with overlap arms on one side (**6**/Fig. 1) or on both sides (OFFICE) using the screw connections provided. In a single track system with two curtains, an overlap of the curtain sections in the closing area can be ensured with the overlap arm add-on set (**6**/Fig. 1).

The G-TRACK double-wheel runners (**4**/Fig. 1) have a 360° rotatable mount for the curtain in the centre.

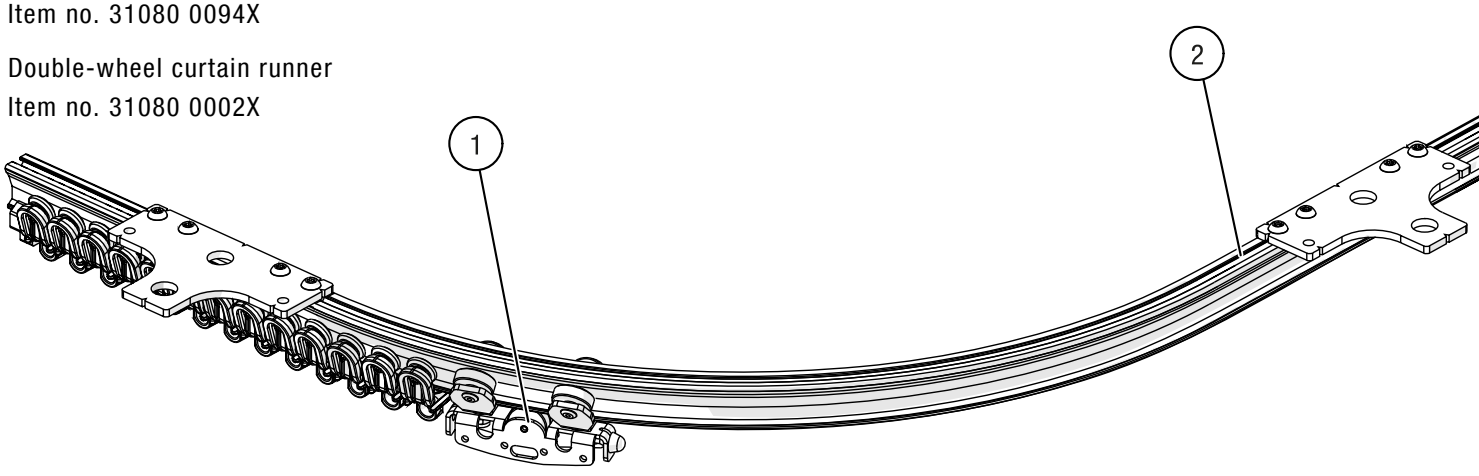


Fig. 1: Overview – G-TRACK – Theatre track (double track)

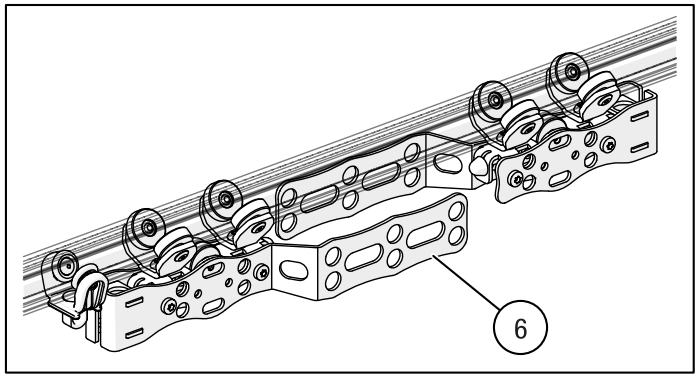
Number and designation (2/2):

5 Double track suspension bracket for track systems
Item no. 31080 08021

6 G-TRACK master runner with overlap arm add-on set (one-sided)
Item no. 31080 00242

By using double track suspension brackets (**5**/Fig. 1), the single track can be expanded to a double track (see example illustrated). There is a hole in the centre of the plate between the two tracks, which can be used to fasten the system in the centre. This is particularly helpful when fixing under load bars, tubular grid ceilings, and trusses.

Alternative: single track system; bi-parting curtain



Track end

The free track ends are closed with a variable end stop (**3**/Fig. 1).

2.2 Overview – Top cord operation (TCO)

Number and designation (1/2):

1 G-TRACK variable end stop
Item no. 31080 00943

2 G-TRACK return pulley
Item no. 31080 00831

3 G-TRACK track suspension bracket for top cord operation
Item no. 31080 08031

4 G-TRACK master runner with cord attachment and overlap arm
Item no. 31080 03012

5 G-TRACK master runner with cord attachment
Item no. 31080 03011

6 G-TRACK straight cord guide
Item no. 31080 03871

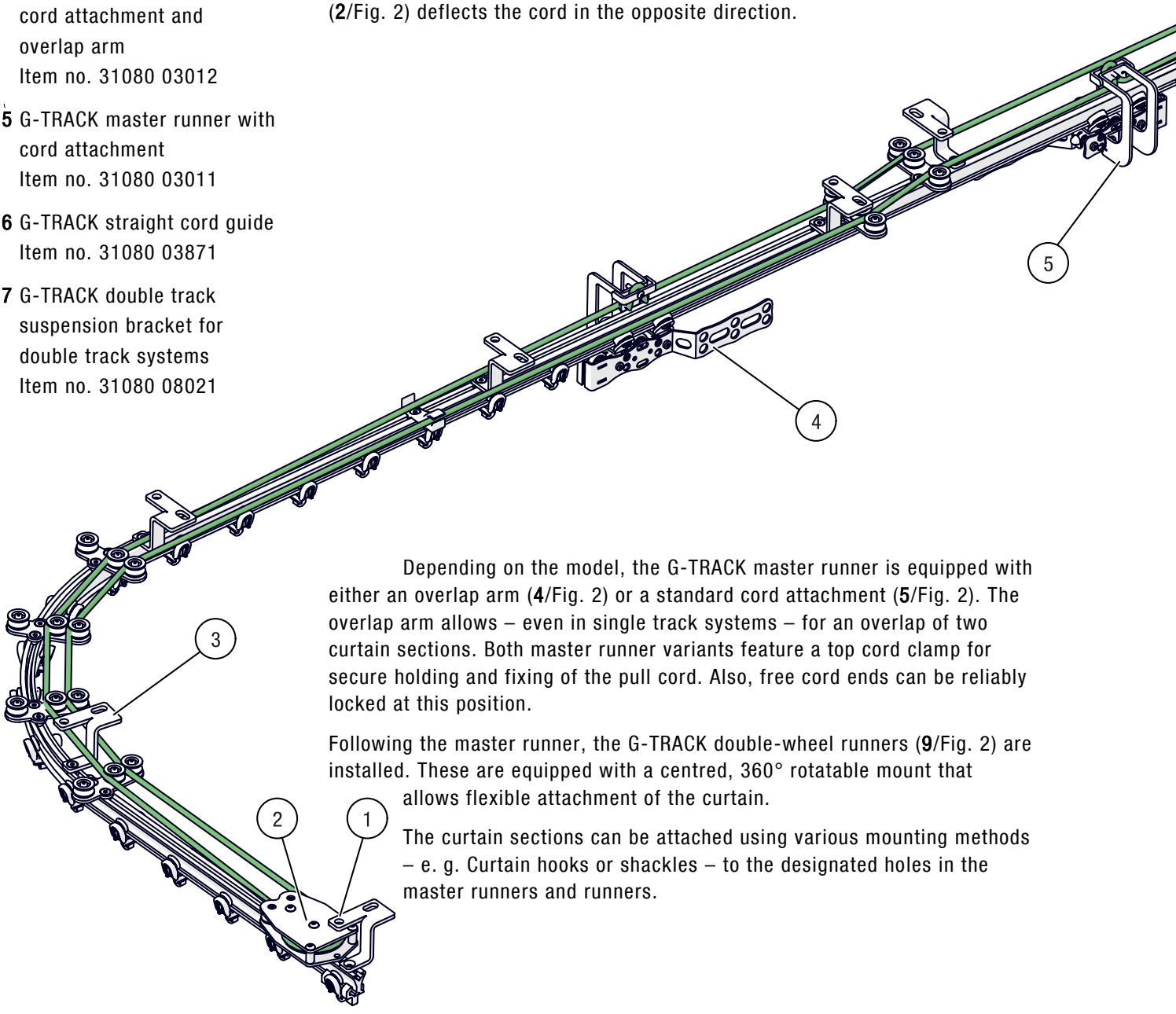
7 G-TRACK double track suspension bracket for double track systems
Item no. 31080 08021

With the top cord operation of the G-TRACK system, both curved and straight track layouts can be realised in any length. The cord is guided above the track, which reliably prevents sagging of the pull cord (shown in green).

The G-TRACK track is attached to the support structure using the track suspension bracket for top cord operation (**3**/Fig. 2). The individual track sections are connected to each other using track splices.

For double track systems, the G-TRACK double track suspension bracket (**7**/Fig. 2) is available as an overlap or compensation plate, allowing a centred attachment to the support structure – especially when mounting under load bars, tubular grid ceilings, or trusses.

In curved track sections, the pull cord (shown in green) is guided via the G-TRACK cord guide for curved track layouts (**8**/Fig. 2). For straight sections, the G-TRACK straight cord guide (**6**/Fig. 2) is used. The G-TRACK return pulley (**2**/Fig. 2) deflects the cord in the opposite direction.



Depending on the model, the G-TRACK master runner is equipped with either an overlap arm (**4**/Fig. 2) or a standard cord attachment (**5**/Fig. 2). The overlap arm allows – even in single track systems – for an overlap of two curtain sections. Both master runner variants feature a top cord clamp for secure holding and fixing of the pull cord. Also, free cord ends can be reliably locked at this position.

Following the master runner, the G-TRACK double-wheel runners (**9**/Fig. 2) are installed. These are equipped with a centred, 360° rotatable mount that allows flexible attachment of the curtain.

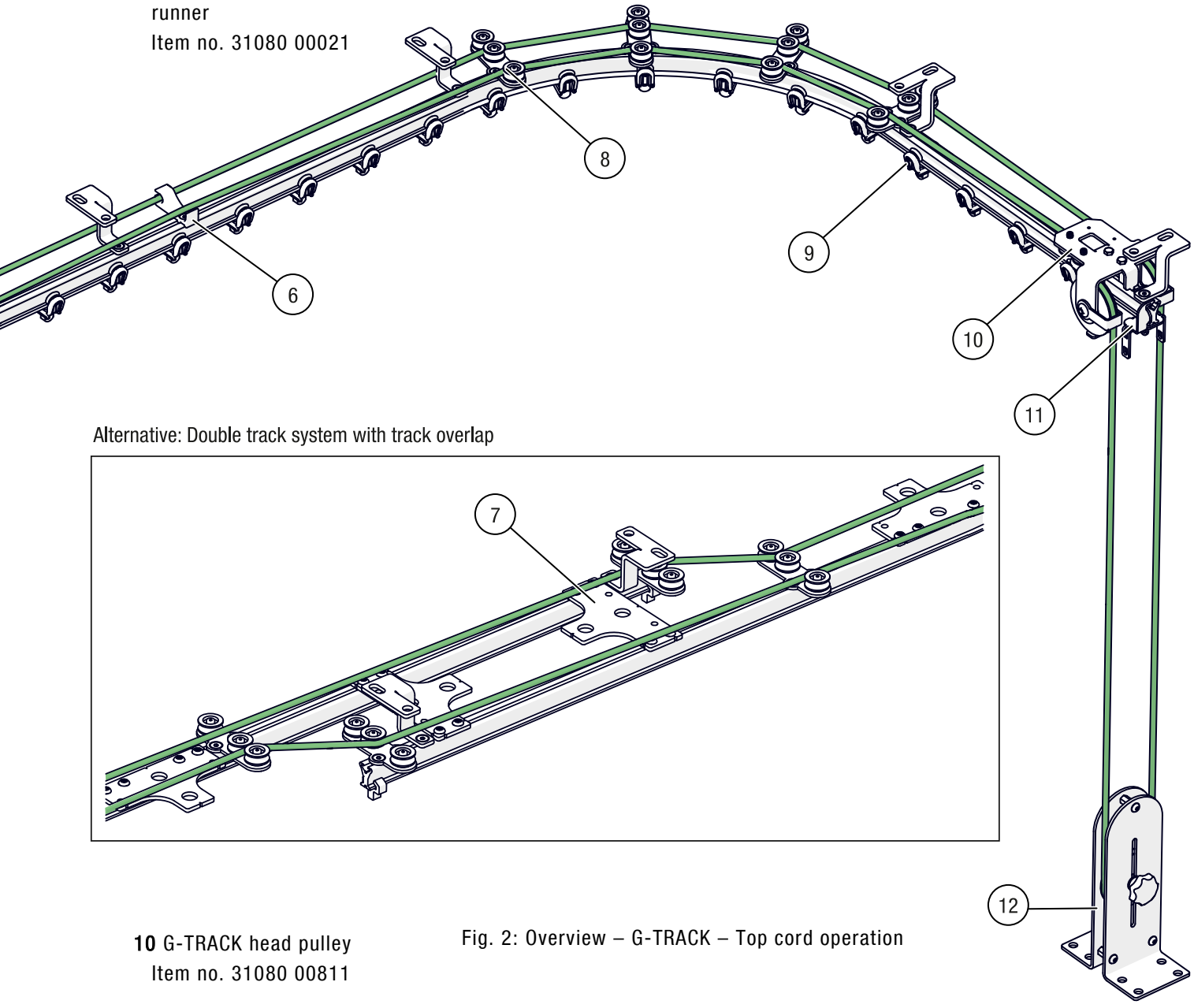
The curtain sections can be attached using various mounting methods – e. g. Curtain hooks or shackles – to the designated holes in the master runners and runners.

Number and designation (2/2):

8 G-TRACK cord guide for curved track layouts
Item no. 31080 03875

9 G-TRACK double-wheel curtain runner
Item no. 31080 00021

The open track ends are closed with the G-TRACK variable end stop (**1**/Fig. 2). Alternatively, the G-TRACK end stop with curtain mounting (**11**/Fig. 2) is available. This features a central mount for fixing the curtain in the parking position as well as side mounts for curtain hooks. This allows the outer layers of the curtain to be securely attached.



Alternative: Double track system with track overlap

Fig. 2: Overview – G-TRACK – Top cord operation

10 G-TRACK head pulley
Item no. 31080 00811

11 G-TRACK variable end stop variable with curtain suspensions
Item no. 31080 0099X

12 Counter-tension pulley
Item no. 31080 07071

The G-TRACK head pulley (**10**/Fig. 2) features four rollers: Two rollers route the pull cord to the G-TRACK counter-tension pulley (**12**/Fig. 2) or to an alternative drive, while the other two rollers guide the cord attached to the master runner to the centre of the track. The cord tension is adjusted on the G-TRACK counter-tension pulley via an adjustment mechanism (see *Chapter 5.5 Installing counter-tension pulley* [▶ p. 74]).

2.3 Overview – OFFICE track (single-track)

Number and designation (1/2):

1 Variable end stop
Item no. 31080 0094X

2 OFFICE master runner add-on set
Item no. 31080 0032X

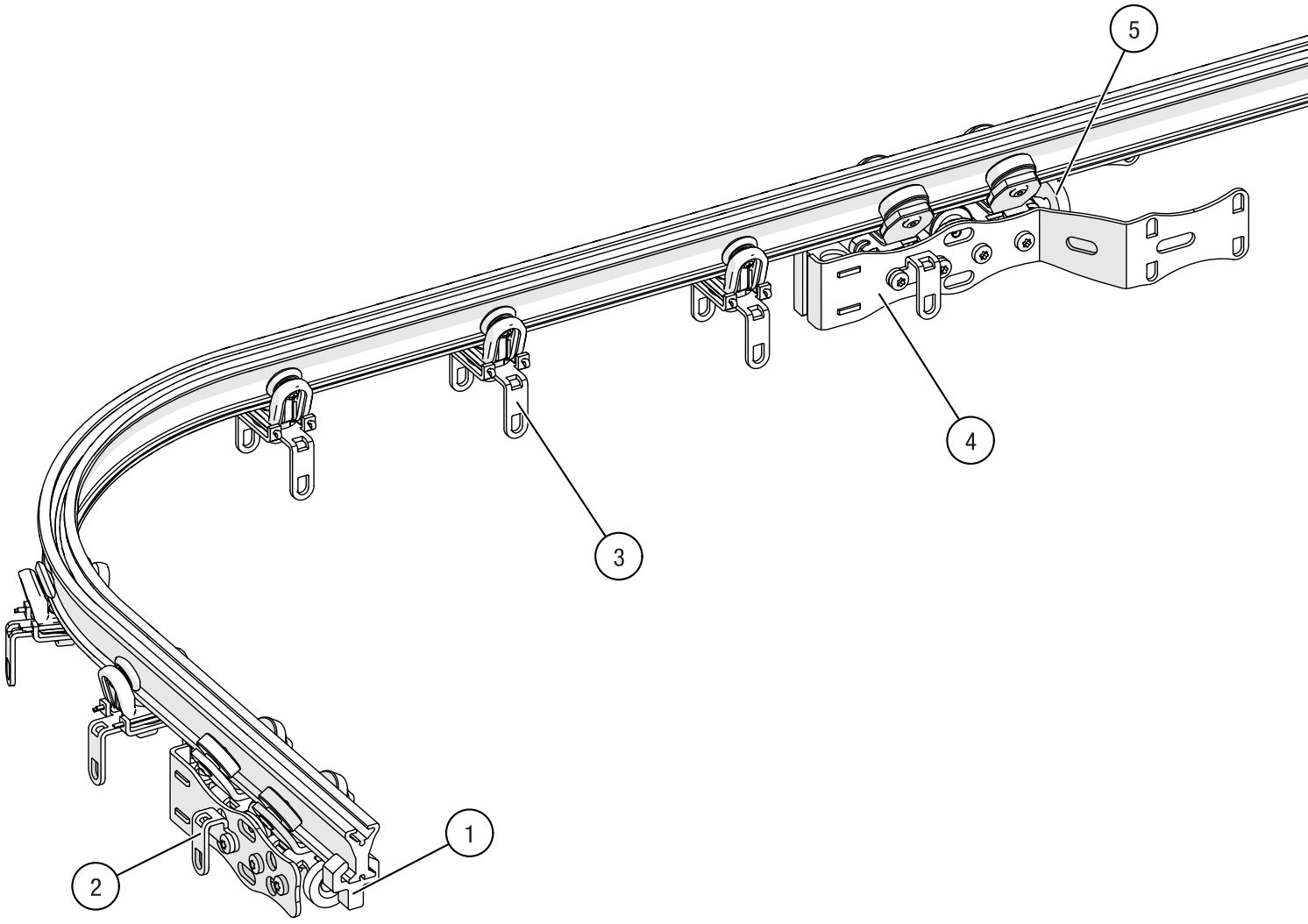
3 OFFICE double-wheel curtain runner
Item no. 31080 0003X

4 OFFICE master runner add-on set overlap arm
Item no. 31080 0031X

5 OFFICE coupling magnet
Item no. 31080 0034X

In the OFFICE version of the track system, the master runners are equipped with an OFFICE add-on set (**2**/Fig. 3) with mounts for the outer layers in two different mounting heights. With the OFFICE overlap arm add-on set (**4**/Fig. 3) an overlap of the curtain sections is achieved to obtain the acoustic properties. Furthermore, a coupling magnet (**5**/Fig. 3) can be attached to the master runners with a double overlap arm, and a magnet catch plate (**6**/Fig. 3) can be attached to the master runners without an overlap arm. The magnetic coupling serves to close and hold the curtain sections.

The OFFICE double-wheel runners (**3**/Fig. 3) have, in addition to a 360° rotatable mount (for the curtain or inner layers) also side mounts for the outer layers.
On the master and double-wheel runners, the outer layer can be attached in two different installation positions. The "low" installation position (see **7**/Fig. 3) is used to hold outer layers flush with the bottom edge of the track (e.g., for ceiling integration). The upper "high" mounting position (see **8**/Fig. 3) allows for flush-to-ceiling installation.



Number and designation (2/2):

6 OFFICE magnet catch plate
Item no. 31080 0035X

7 Mounting position for
outer layers bottom (low)

8 Mounting position for
outer layers top (high)

9 Variable end stop with
curtain mounting
Item no. 31080 0099X

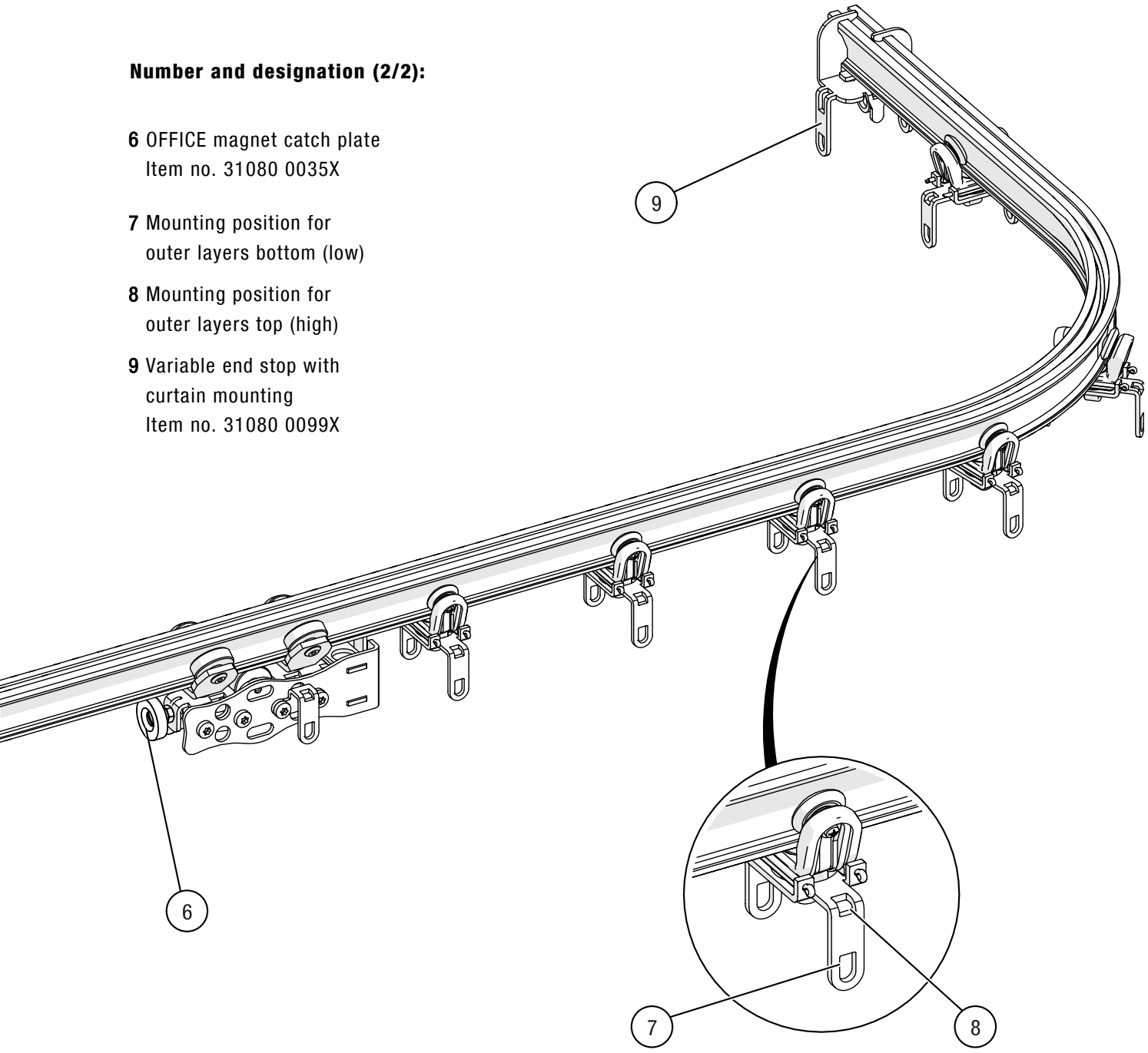


Fig. 3: Overview – G-TRACK – OFFICE track

End stops

Open track ends are secured with end stops. With the help of the variable end stop (**1**/Fig. 3) the track is closed. Using the variable end stop with curtain mounting (**9**/Fig. 3) the curtain can be locked in the parking position with inner and outer layers. The end stop can be added subsequently at any desired point.

2.3.1 OFFICE acoustic curtain

The OFFICE acoustic curtain consists of different inner and outer layers with specific acoustic properties attached to the track system of the OFFICE version.

Outer layers

The pleating tape (**3**/Fig. 4) of the outer layers (**1**/Fig. 4) already contains pre-assembled OFFICE curtain hooks (**6**/Fig. 4).Depending on the application, these are hung into the upper or lower mount of the master and double-wheel runners (see also **7** and **8/**Fig. 3; [▶ p. 13]).

Inner layers

The number of inner layers (**4**/Fig. 4) can be increased (also subsequently) up to 12 layers, thereby achieving a sound reduction index of up to 26 db.
The inner layers are attached to the double-wheel and master runners by means of soft ties (**5**/Fig. 4). Please note that double-wheel runners must be provided with outer layers on both sides.

The inner layers are inherently flaming retardant, and the outer layers can exhibit flame retardant properties depending on the material selected.

➔ Please observe the article description enclosed with the product.

Number and designation:

1 Outer layers

2 G-TRACK double-wheel runner in OFFICE variant

3 Pleating tape

4 Inner layers with eyelet

5 Soft tie

6 OFFICE curtain hook
Item no. 31000 09016

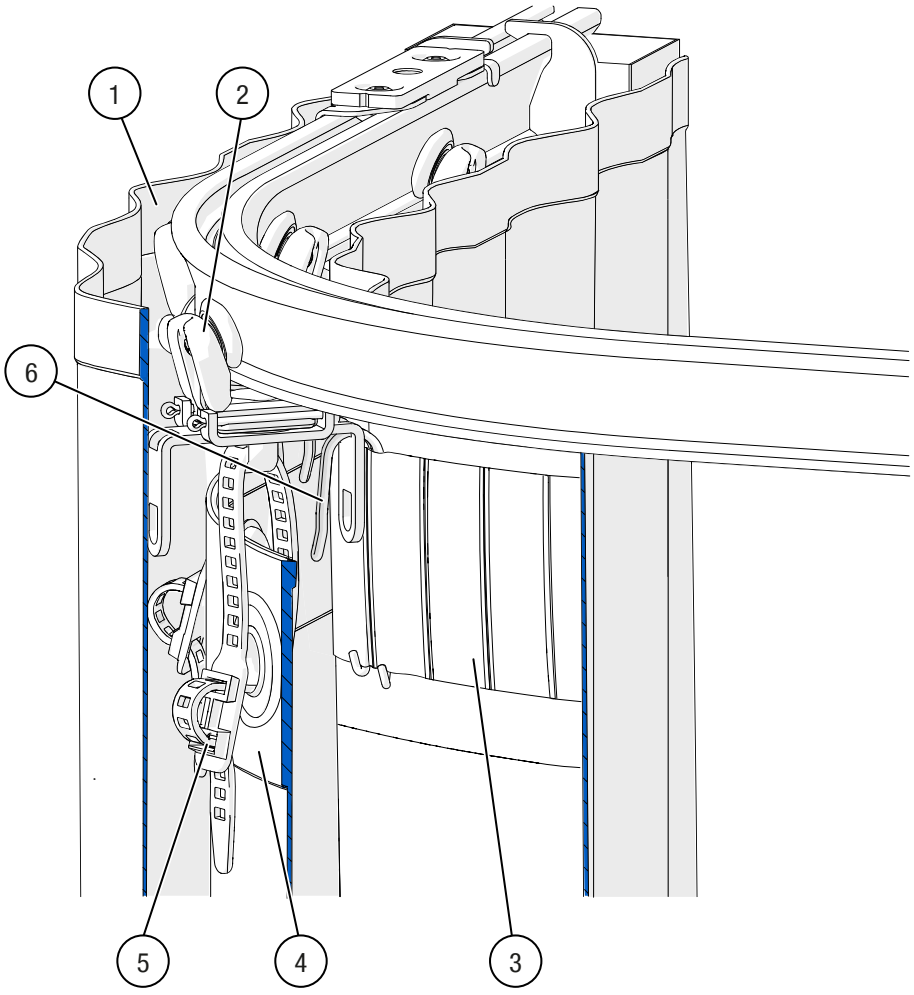


Fig. 4: G-TRACK OFFICE – Section with inner and outer layers ("high" variant)

2.4 Suspension variants

Number and designation:

1 Ceiling mount bracket for flush-to-ceiling mounting
Item no. 31080 0811X

2 Interior wall mount bracket
Item no. 31080 0806X

3 Suspension with G-TRACK CLAMP 48/60, direct incl. fasteners
Item no. 31080 08091

4 OFFICE ceiling suspension incl. G-TRACK ceiling mount bracket
Item no. 31080 0813X – 31080 0815X (depending on suspension height)

5 OFFICE plasterboard ceiling suspension incl. G-TRACK ceiling mount bracket
Item no. 31080 0832X – 31080 0834X (depending on suspension height)

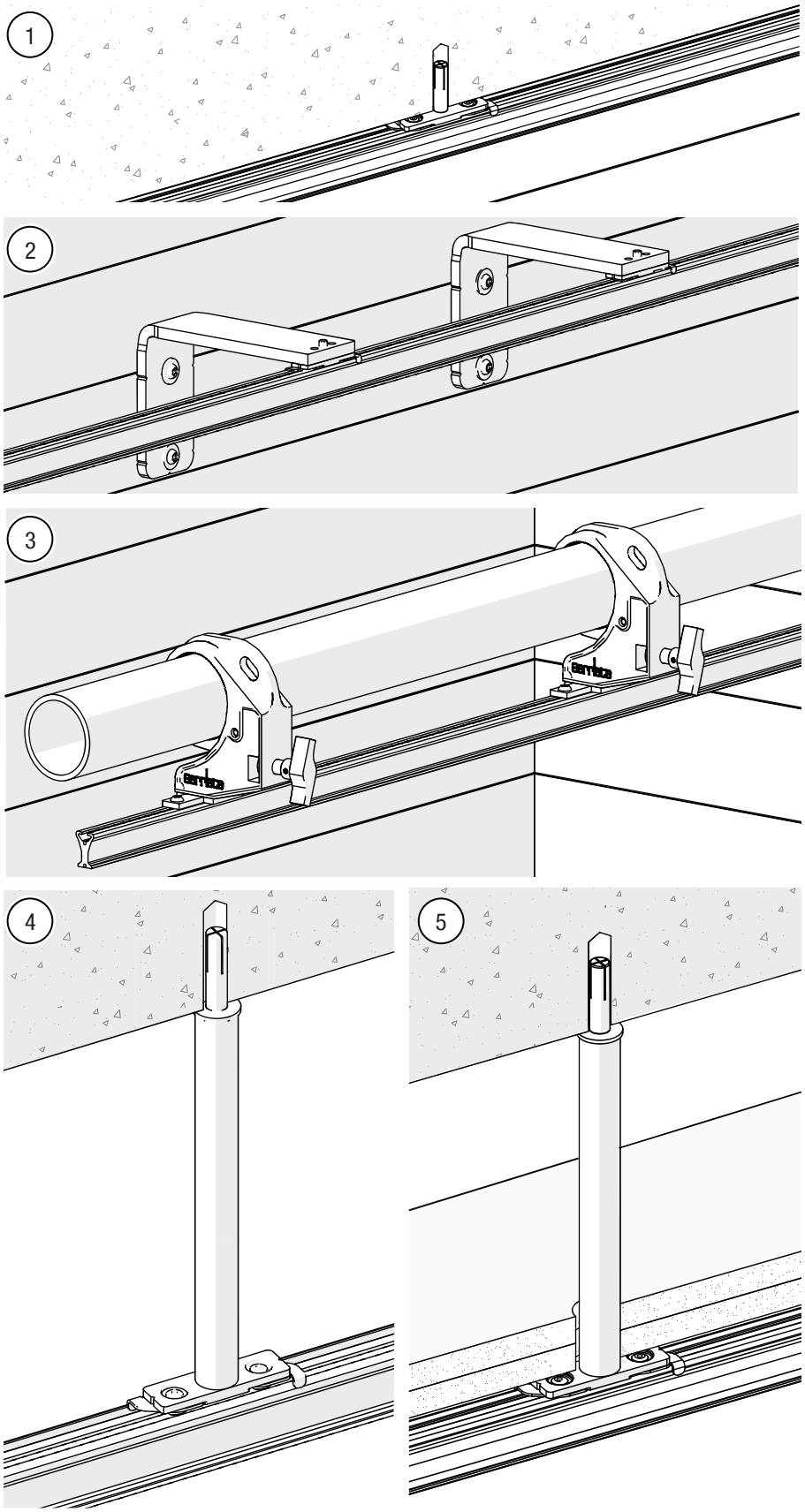


Fig. 5: G-TRACK – Suspension variants (1/2)

Number and designation:

1 Half-coupler Ø 50 incl.
fasteners for
mounting with suspensions
Item no. 31000 0807X
on suspension for top cord
operation (TCO)

2 G-CLAMP 48/60 incl.
fasteners for
mounting with suspensions M8
Item no. 31000 08081
on suspension for top cord
operation (TCO)

3 G-TRACK Half-coupler Ø 50
direct tube mounting,
incl. slot nut
Item no. 31080 0807X

4 Track suspension bracket for
top cord operation (TCO)
incl. slot nut
Item no. 31080 08031

5 Wall mount bracket
150 / 250 / 380
Item no. 31000 088XX
on suspension for top cord
operation (TCO)

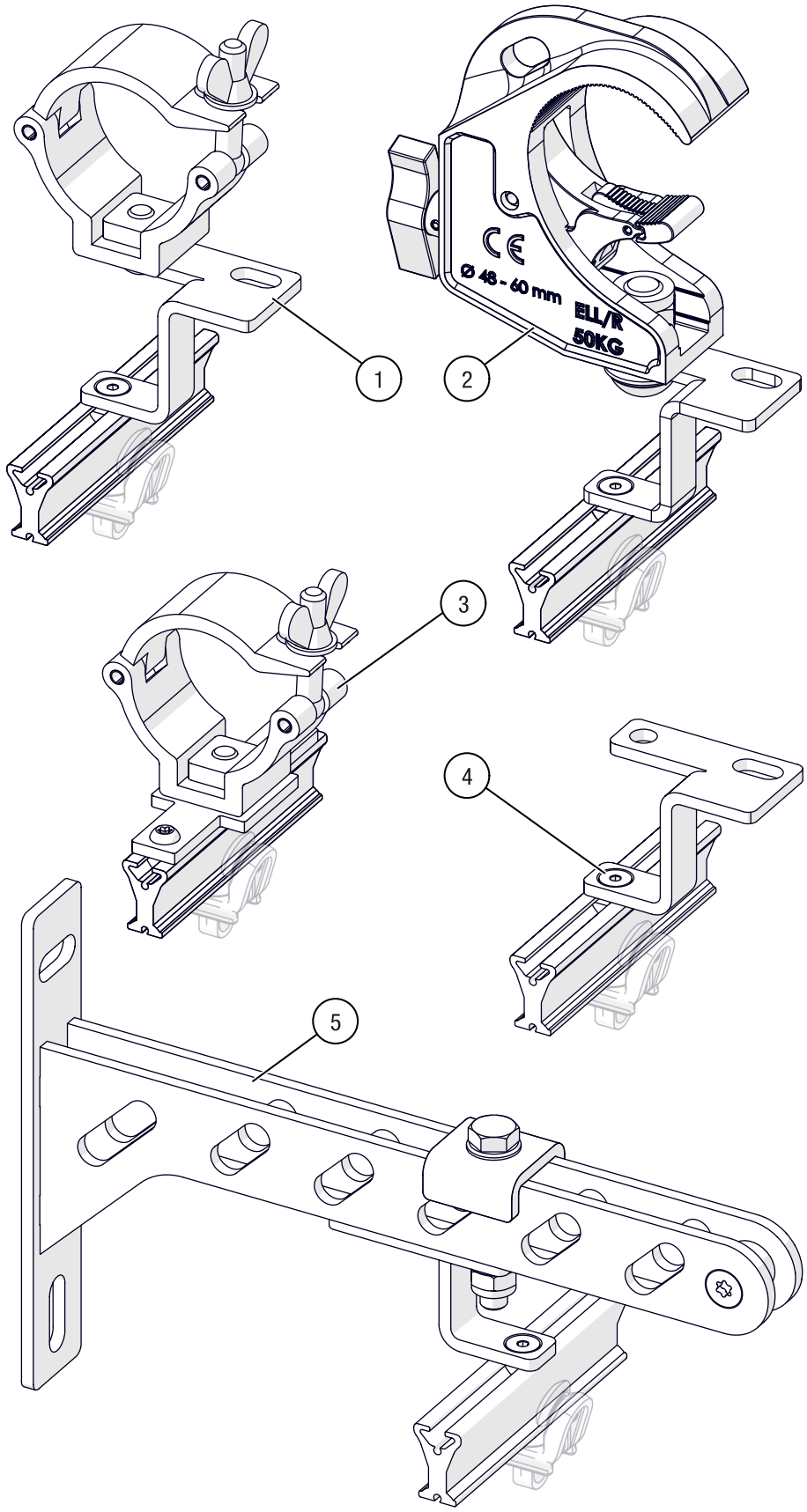


Fig. 6: G-TRACK – Suspension variants (2/2)

2.5 Accessories and spare parts

NOTICE

Material damage due to non-original spare parts and accessories

The use of parts from other manufacturers may impair the proper functioning of the G-TRACK track system and lead to malfunctions or damage to the system or third-party property.

➔ Only use original parts and accessories from Gerriets GmbH.

Number and designation:

1 Polyester rope Ø 6 mm
Item no. 41040 01163

2 Track splice incl. spring pins
Item no. 31080 00062

3 Add-on brake (pre-assembled with **8**)
Item no. 31080 00468

4 Double slot nut, long
Item no. 31080 00171

5 Double slot nut, short
Item no. 31080 00161

6 OFFICE coupling magnet
Item no. 31080 0034X

7 OFFICE magnet catch plate
Item no. 31080 0035X

8 Curtain wand (1.5 m, 2 m, 2.5 m)
Item no. 31000 0036X

9 Brake handle (pre-assembled with **3**)
Item no. 31080 0037X

10 Wall bearing
Item no. 31080 00923

11 Anchor shackle 36 mm
Item no. 43020 00503

12 Curtain hook
Item no. 31000 09012

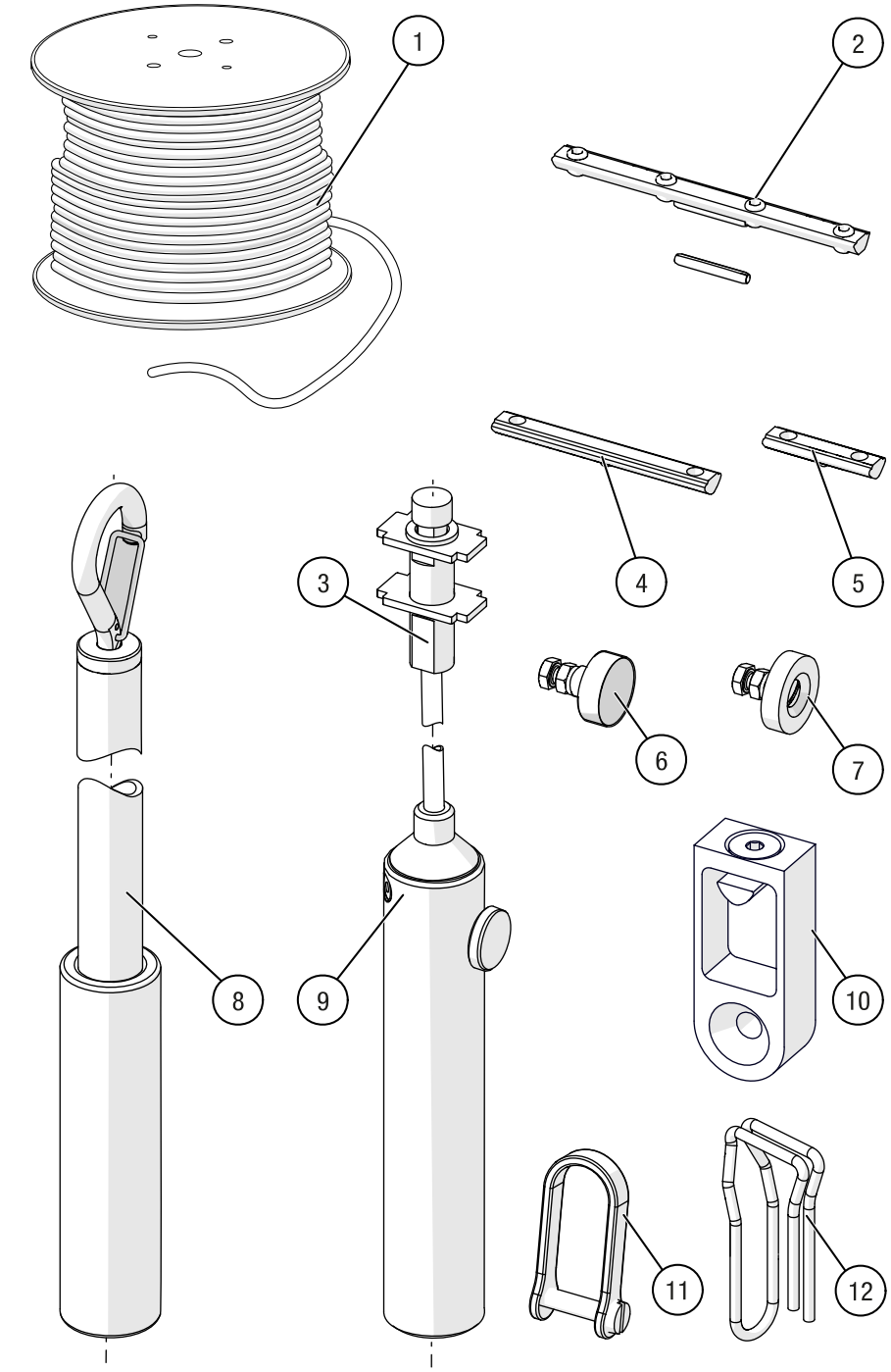


Fig. 7: Accessories – Track system G-TRACK

3 Technical data

3.1 Ambient conditions

Ambient conditions and operating parameters

Parameter	Value
Permissible ambient temperature	Room temperature
Moisture/wetness	Not suitable for use in damp/wet environments.

Table 1: rack system – Ambient conditions and operating parameters

3.2 Track system

Basic data - track system

Parameter	Value
Weight	500 g/m (0.3 lbs/ft)
Dimensions	See illustration in Table 3
Profile length	Max. 6.0 m (19.7 ft)
Colour variants	Anodised: black and silver; powder-coated: white and custom colour
Load capacity	Values for permissible load, see Table 3
Fastening	See *Chapter 2.4 Suspension variants* [▶ p. 15]
Min. bending radius (track)	Theatre-Interior 15 cm (5.9″) OFFICE 35 cm (13.8″)
Wall clearance (dependent on eyelet spacing)	Min. 10 / 15 cm

Table 2: Track system G-TRACK – Mechanical data

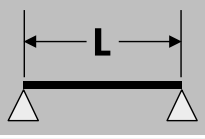
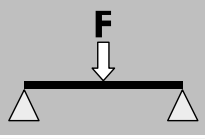
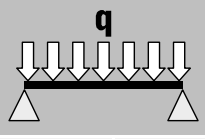
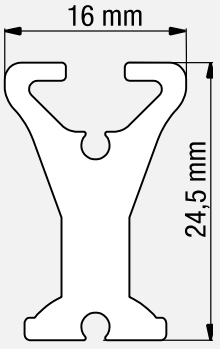
Suspension distance L [m] 	Point load F [kg] 	Line load q [kg/m]	Total distributed load [kg] 	Track profile cross-section [mm]
1.75 m (5.7 ft)	3.5 kg (7.7 lbs)	3 kg/m (2.0 lbs/ft)	5.2 kg (11.4 lbs)	
1.50 m (4.9 ft)	4.8 kg (10.6 lbs)	5 kg/m (3.4 lbs/ft)	7.5 kg (16.5 lbs)	
1.25 m (4.1 ft)	6.8 kg (15.0 lbs)	8 kg/m (5.4 lbs/ft)	10 kg (22.0 lbs)	
1.00 m (3.3 ft)	10.5 kg (23.1 lbs)	16 kg/m (10.8 lbs/ft)	16 kg (35.3 lbs)	
0.75 m (2.5 ft)	19.0 kg (41.9 lbs)	40 kg/m (26.9 lbs/ft)	30 kg (66.1 lbs)	
0.50 m (1.6 ft)	40.0 kg (88.2 lbs)	80 kg/m (53.8 lbs/ft)	40 kg (88.2 lbs)	

Table 3: Permissible load – G-TRACK track

3.3 Runners and master runners

Mechanical data

Parameter	Value
Required space in the storage area	See Fig. 10: below
Overlapping of the curtain parts on the master runners	• OFFICE master runner set: approx. 55 mm • Master runner with overlap arm (one-sided): approx. 200 mm
Required space in the storage area (runners)	See Fig. 8 and Fig. 9
Load capacity - double-wheel curtain runner	5 kg (11 lbs)
Load capacity - master runner	10 kg (22 lbs)
Runner distance (depending on track bending radius)	• Small (radius 150 mm): 100 mm • Standard (radius ≥ 300 mm): 200 mm

Table 4: Runners and master runners G-TRACK – Mechanical data

Dimensions – runner

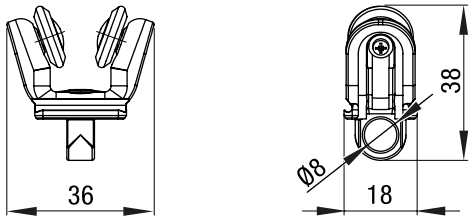


Fig. 8: Dimensions – Runner

Dimensions – OFFICE runner

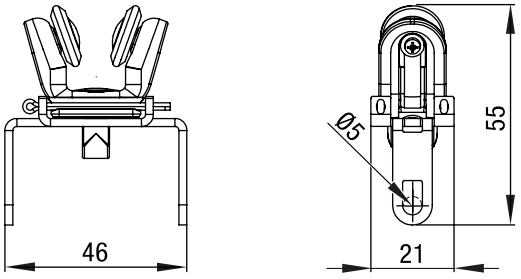


Fig. 9: Dimensions – OFFICE runner

Dimensions – master runner

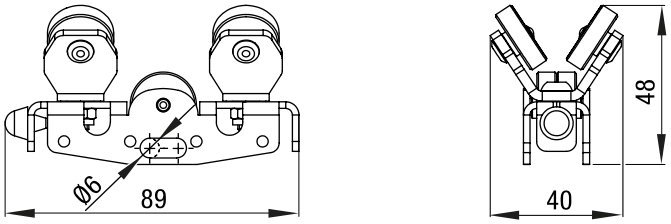


Fig. 10: Dimensions – Master runner

Dimensions – master runner with overlap arm (one-sided)

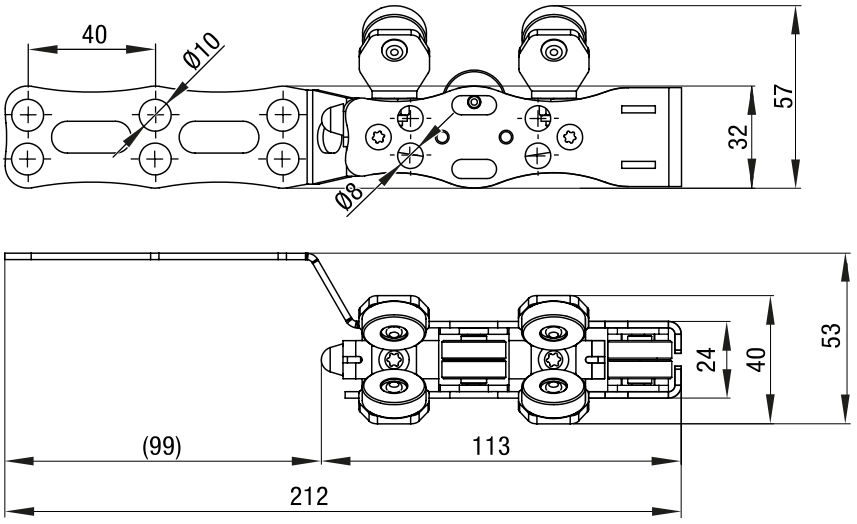


Fig. 11: Dimensions – Master runner with overlap arm

Dimensions – master runner (OFFICE)

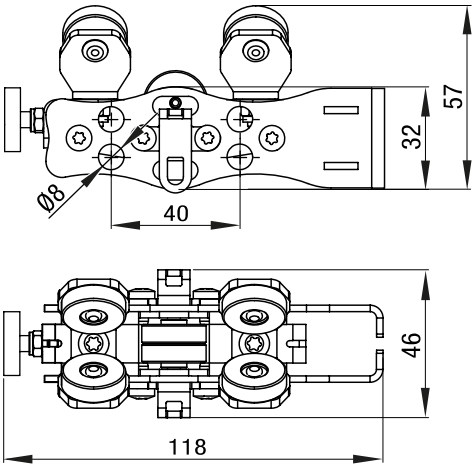


Fig. 12: Dimensions – Master runner (OFFICE)

Dimensions – master runner with double overlap arm (OFFICE)

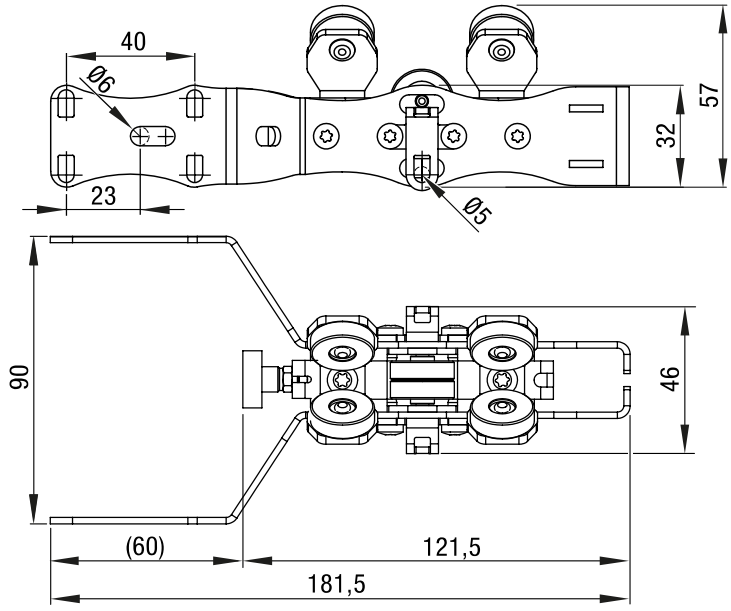


Fig. 13: Dimensions – Master runner with double overlap arm (OFFICE)

Dimensions – master runner for top cord operation

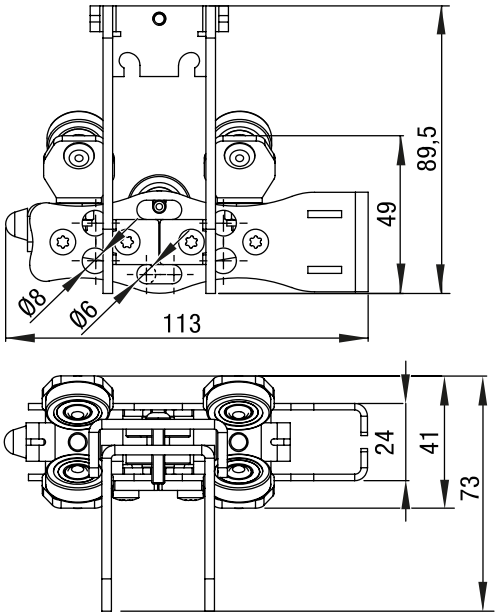


Fig. 14: Dimensions – Master runner for top cord operation (TCO)

Dimensions – master runner for top cord operation with overlap arm

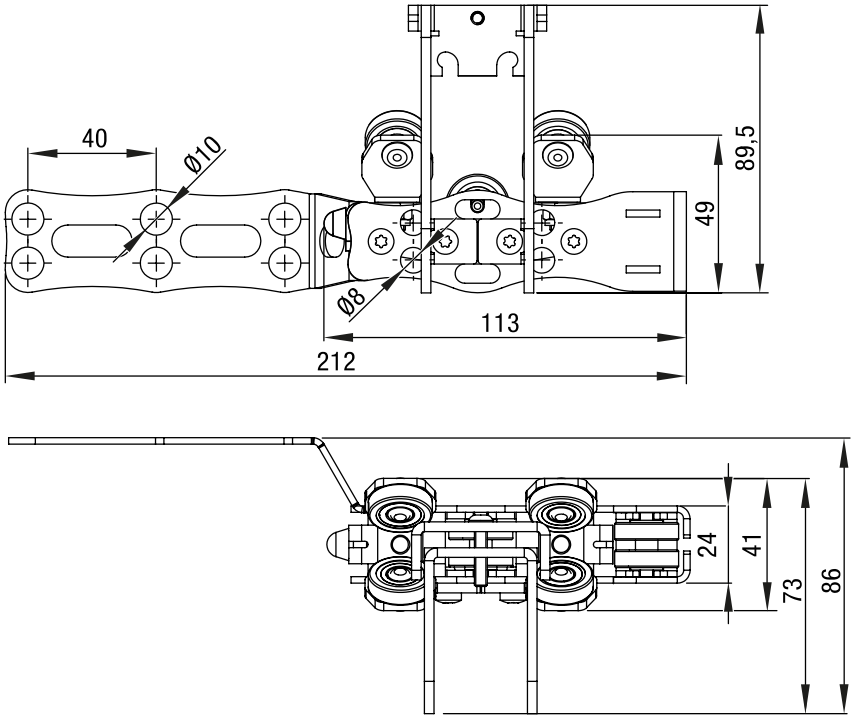


Fig. 15: Dimensions – Master runner for top cord operation (TCO) with overlap arm

3.4 Suspensions

The dimensions of different suspensions down to the track profile follow.

3.4.1 Hook clamps

G-TRACK G-CLAMP 48/60 – 50 kg, direct

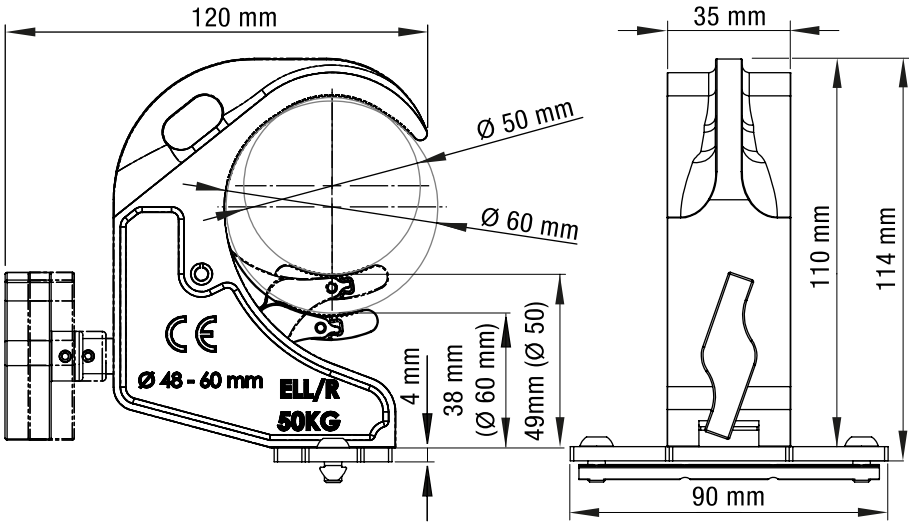


Fig. 16: G-CLAMP, direct – Installation dimensions depending on the pipe diameter

G-CLAMP 48/60 incl. fasteners for mounting with suspensions M8

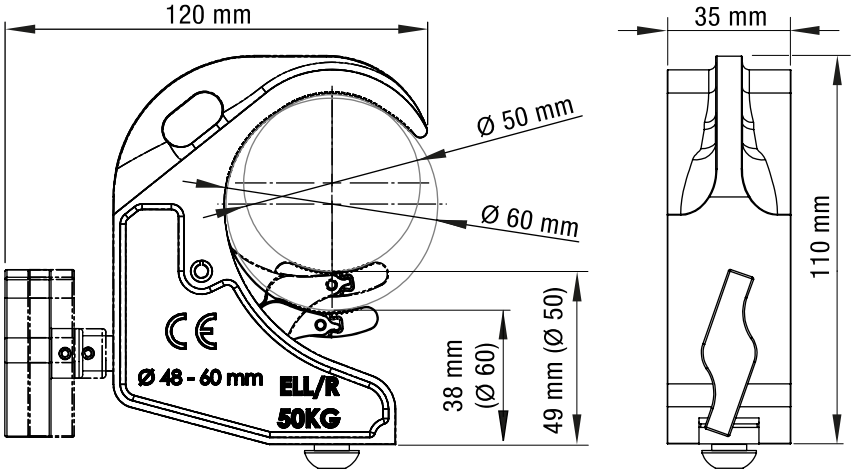


Fig. 17: G-CLAMP for suspensions – Installation dimensions depending on the pipe diameter

Half-coupler

Height dimension on pipe
Ø 50 mm

1 Bottom edge of pipe to bottom edge of half-coupler (e.g., on suspension for top cord operation)

2 Bottom edge of pipe to bottom edge of direct mounting plate (e.g., for direct mounting on track)

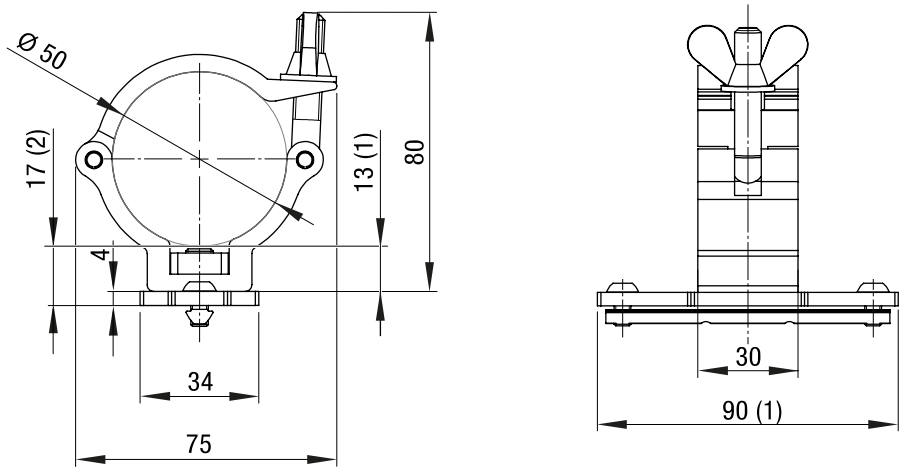


Fig. 18: Half-coupler – Installation dimensions depending on mounting variant

3.4.2 Wall mount brackets

Interior wall mount bracket
G-TRACK 100 / 150
with ceiling mounting plate

The eyelet spacing of the curtain must be matched to the wall clearance. With a wall bracket with a 10 cm wall clearance, for example, a smaller eyelet spacing (approx. 10 cm) is necessary than with a 15 cm bracket to prevent the curtain from dragging on the wall and avoid potential damage to the fabric.

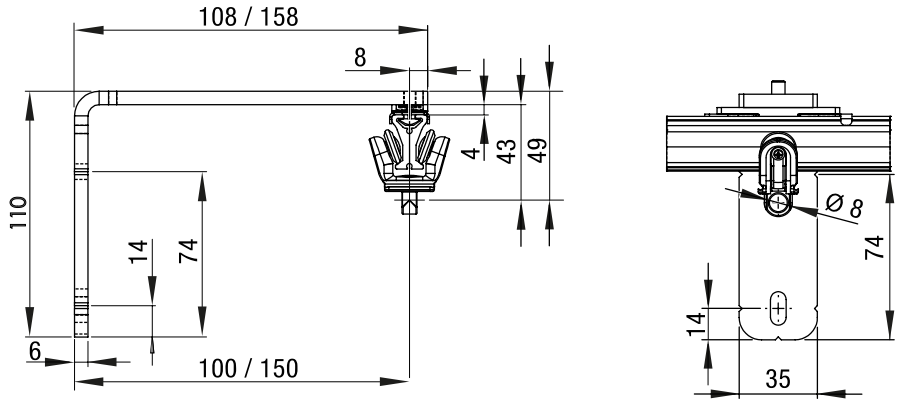


Fig. 19: Interior wall mount bracket with ceiling mounting plate – Installation dimensions

Wall mount bracket for suspensions such as top cord operation

$X(150) = 50 - 125$

$X(250) = 60 - 225$

$X(350) = 85 - 355$

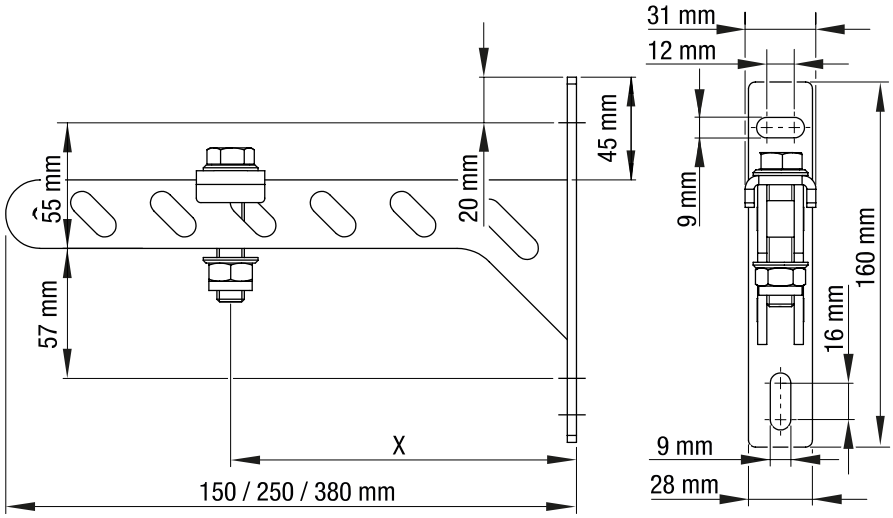


Fig. 20: Wall mount bracket for suspensions – Installation dimensions

3.4.3 Suspension for top cord operation

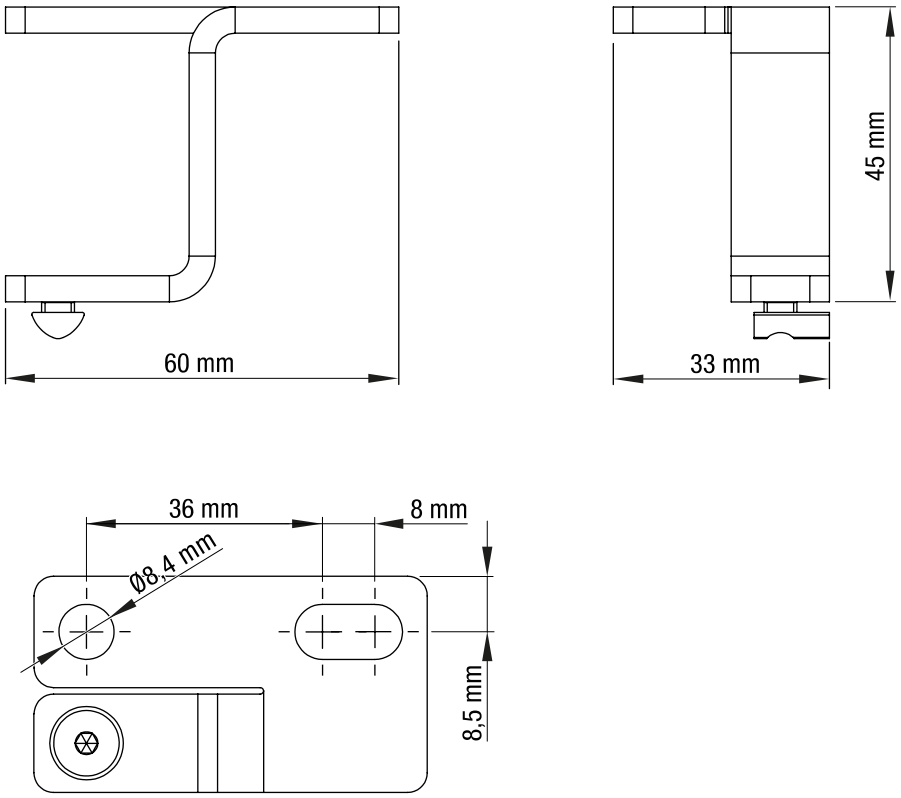


Fig. 21:Top cord operation – Installation dimensions

3.4.4 Suspension with spacer tube (OFFICE) – tube and threaded rod

The threaded rods and spacer tubes for the suspensions are supplied in full lengths. They must be cut to size individually for each suspension according to the substrate.

Determining the dimensions for the threaded rod and spacer tube

The required dimensions can be determined using the formulas in the graphic below. These apply to both the G-TRACK OFFICE suspension and G-TRACK OFFICE plasterboard.

When determining the lengths for the spacer tube and threaded rod, the required distance from the top edge of the track to the ceiling (“X”) must be taken into account.

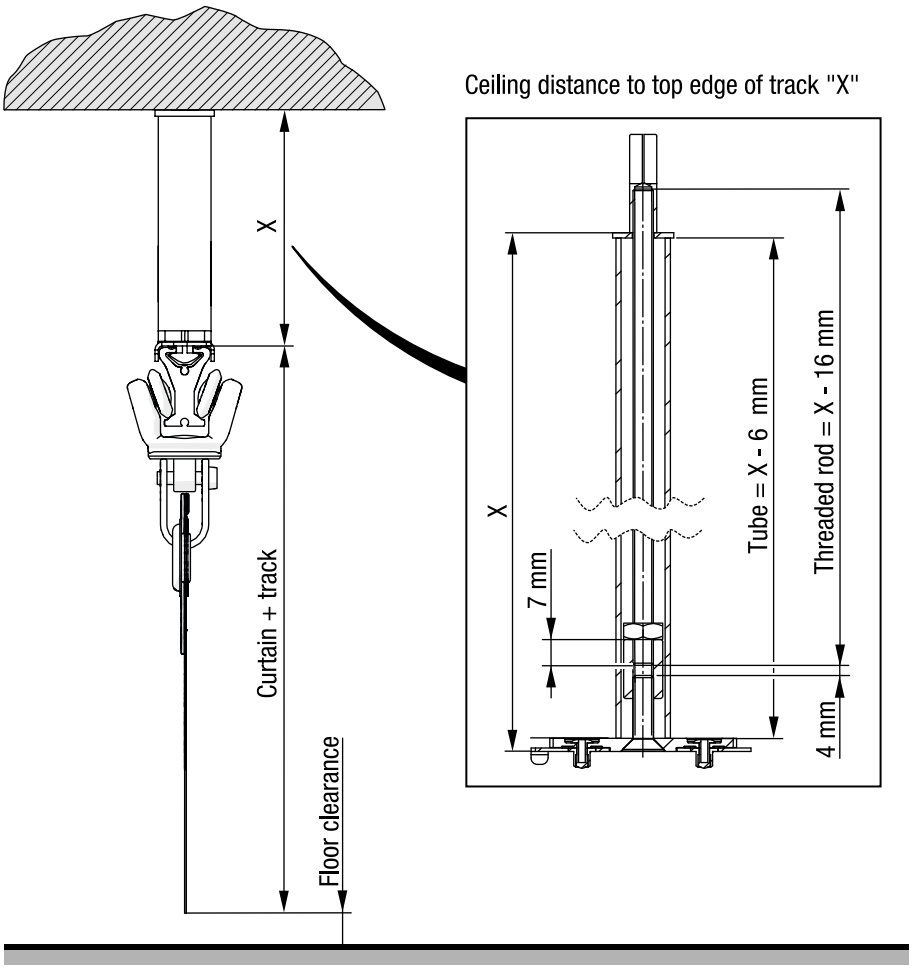


Fig. 22: Formulas for determining the required tube and threaded rod length

3.5 Curtain heights and data

Mechanical and acoustic data

Parameter	Value
Sound insulation values - OFFICE acoustic curtain	3-layer up to approx. 11 dB 5-layer up to approx. 13 dB 7-layer up to approx. 16 dB 12-layer up to approx. 26 dB
Max. curtain weight (all variants)	See Table 3 [▶ p. 18]
Curtain height (VH) depending on the clear ceiling height (HL)	See *Chapter 11.1 Curtain heights* [▶ p. 107]

Table 5: Mechanical data – Curtain and OFFICE acoustic curtain

➔ Dimensions of the suspensions can be found in *Chapter 3.4 Suspensions* [▶ p. 22].

Curtain heights

➔ Dimensions for the curtain heights can be found in *Chapter 11.1 Curtain heights* [▶ p. 107].

4 Transport

4.1 Notes on transport

➔ Inspect the packaging immediately upon receipt for transport damage. Report any visible damage immediately.
➔ Verify the delivery against the delivery note to ensure completeness and integrity.
➔ Report any missing or damaged parts immediately.
➔ Retain the original packaging for future transport or storage purposes.
➔ Observe the safety instructions in *Chapter 9 Safety* [▶ p. 102].
➔ Perform a visual inspection after each transport and at regular intervals throughout the product's life cycle.

⚠ WARNING

Risk of personal injury and material damage due to improper transport

Improper transport may cause the loads to fall, resulting in injury of the persons handling the product or damage to the equipment.

➔ Wear appropriate personal protective equipment (PPE), including safety shoes and protective gloves.
➔ Use suitable lifting equipment (e.g. hoists, lifting gear, lifting straps).

5 Assembly

- ➔ Observe the safety instructions in *Chapter 9 Safety* [▶ p. 102].
- ➔ Observe the maximum load capacities and suspension distances from *Table 3 Permissible load – G-TRACK* track [▶ p. 18].
- ➔ Observe the mounting instructions *according to Chapter 5.1 Mounting instructions / track system* [▶ p. 30].
- ➔ Plan the required mounting material according to your ceiling or wall construction.
- ➔ The screw head drives may vary due to internal processes (TORX® / hexagon socket).
- ➔ Screw tightening torques can be found in the assembly steps or under *Chapter 11.2 Screw tightening torques* [▶ p. 113].
- ➔ Always conduct the assembly steps, such as ceiling installation of the pre-assembled track system and the mounting of the inner and outer layers, in pairs.
- ➔ Use end stops / locking devices to secure free track ends and track interruptions.
- ➔ Ensure that assembly aids are securely positioned.
- ➔ Protect the curtain from dirt caused by surrounding construction work during longer interruptions in assembly by covering it with foil.
- ➔ Before installing the runners, ensure that the tracks are free of drilling dust and dirt.

- ➔ If you encounter problems during assembly that you cannot resolve yourself, please call us.

⚠ WARNING

Personal injury and property damage due to falling objects

If the load-bearing capacity of the ceiling structure or individual components is too low, objects may come loose and fall, resulting in death, severe injury, or damage to property.

- ➔ Consider the maximum load-bearing capacities of the overall system and individual components.
- ➔ Only install the system on a sufficiently load-bearing substrate or substructure.
- ➔ Do not make any changes, additions, or modifications to the product unless these have been authorised in writing by Gerriets.
- ➔ Ensure that loads to be fastened are also secured against falling during assembly.
- ➔ Assemble the screw connections of the parts using the specific assembly instructions and torques.
- ➔ Always insert securing elements such as rings, clips, and pins correctly and check their effectiveness.
- ➔ If you have any concerns about the purchased system, please contact Gerriets GmbH.

5.1 Mounting instructions / track system

➔ Attach the suspension points at the maximum distance calculated in the order.

➔ Observe the maximum load capacities and suspension distances from *Table 3 Permissible load – G-TRACK* track [▶ p. 18].

Use aids such as cross and line lasers to determine the mounting points. Deviations in evenness can be levelled out with lining sheets according to the product.

Distance of the suspensions to the joint

➔ Attach a suspension point on one side at a maximum distance of 15 cm from the centre of the suspension to the joint (see Fig. 23).

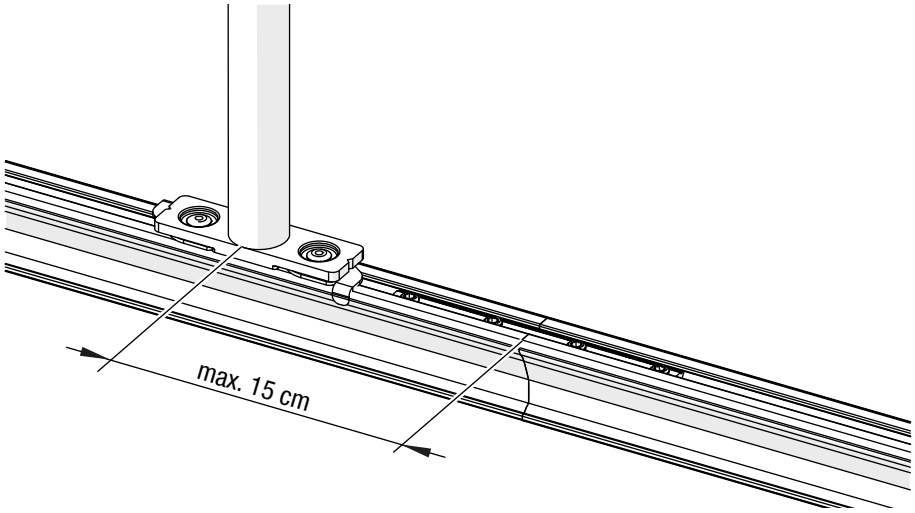


Fig. 23: Ceiling installation OFFICE suspension – Suspension distance to the joint

Distance of the suspensions to the end of the track

➔ Attach a suspension point at a maximum distance of 15 cm from the centre of the suspension to the end of the track (see Fig. 24).

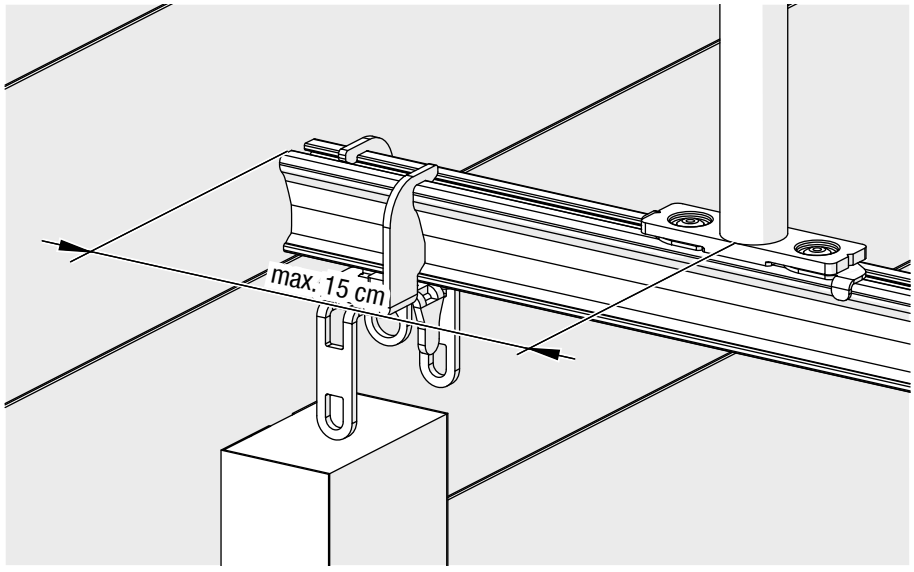


Fig. 24: Ceiling installation OFFICE suspension – Suspension distance to the end of the track (exemplary OFFICE suspension)

5.2 Installing track system and suspensions

5.2.1 Track splice

Materials / Tools

Quantity	Materials / Tools
1	G-TRACK track splice Item no. 31080 00062 Consisting of: • 4-way slot nut • 2 × connecting pin • 4 × grub screw
2	Track parts G-TRACK
1	Pipe wrench (not included)
1	Hexagon socket key (hex key) AF 2.5 (not included)
1	Hammer (not included)

Table 6: Track splice – Required materials and tools for assembly

Fitting the connecting pins

1. Press the connecting pins together slightly conically on both sides with a pipe wrench and insert them into the centring holes provided (see Fig. 25).

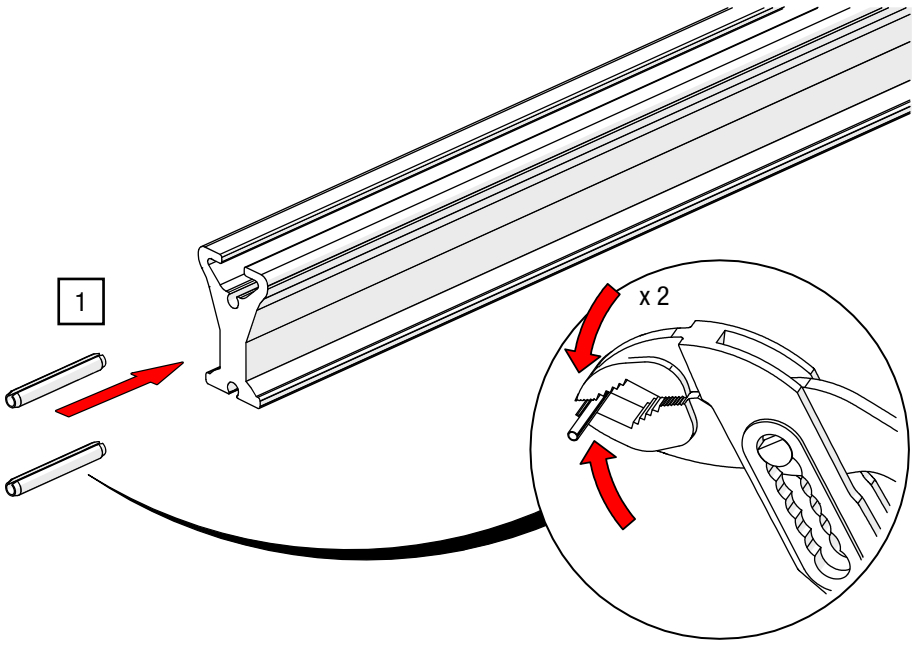


Fig. 25: Track splice – insert connecting pin into track section

2. Hammer the connecting pins halfway into the track (see Fig. 26).

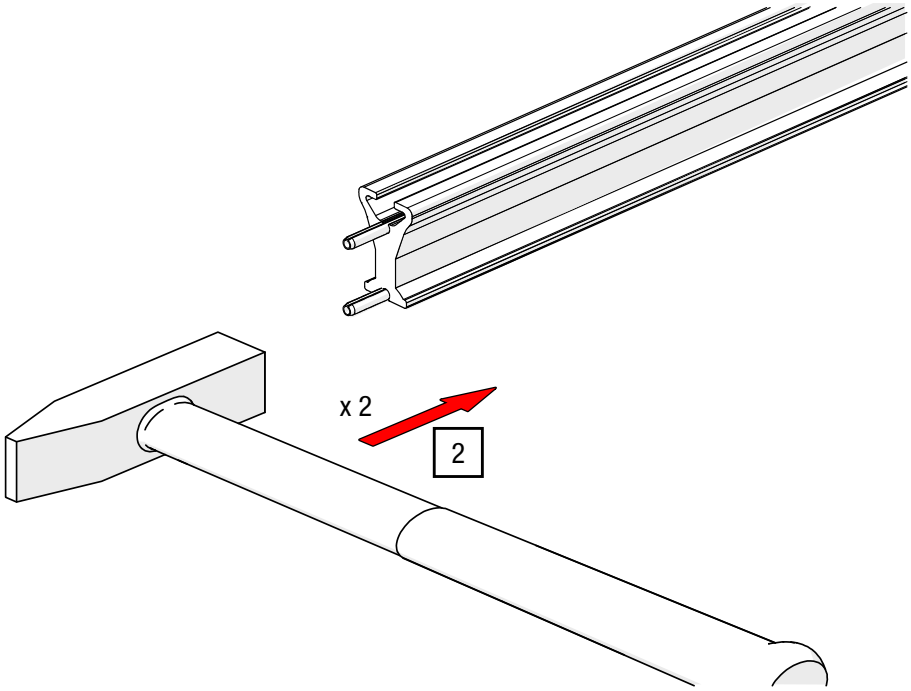


Fig. 26: Track splice – Hammer in connecting pin

Inserting track splice

3. Push the track splice completely into the slot channel of a track section (see Fig. 27).

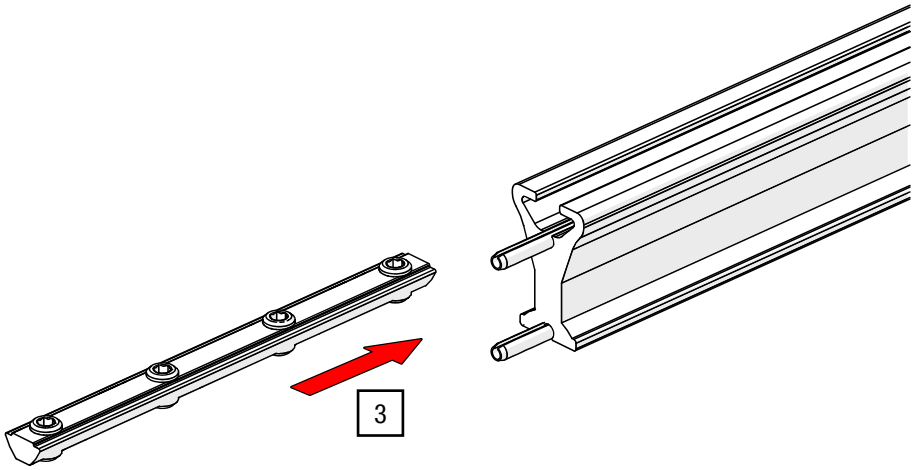


Fig. 27: Track splice – Push into track

Connecting track sections

4. Place the second track section on the connecting pins and position it flush with the first track section (see Fig. 28).

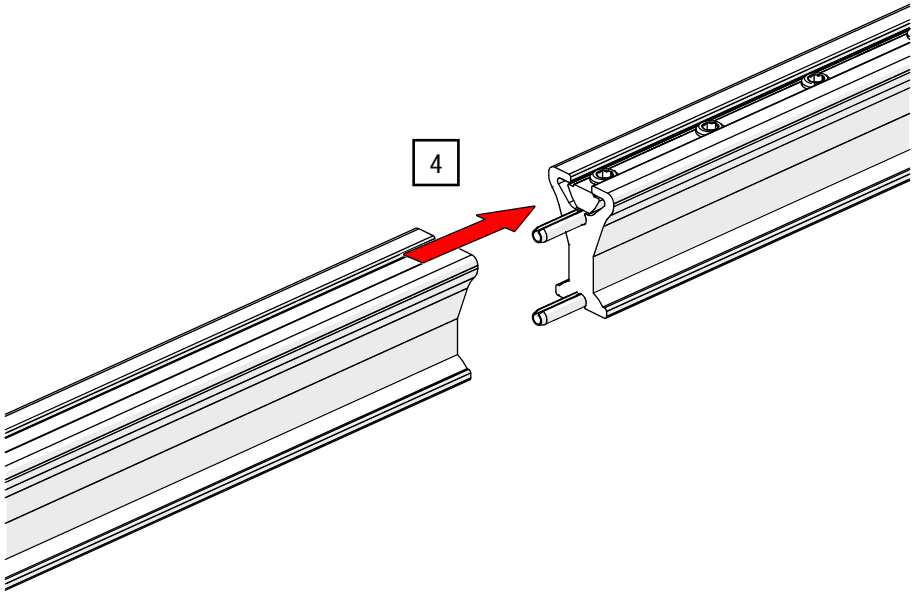


Fig. 28: Track splice – Join track sections together

5. Move the track splice to the centre of the two track sections (see Fig. 29).

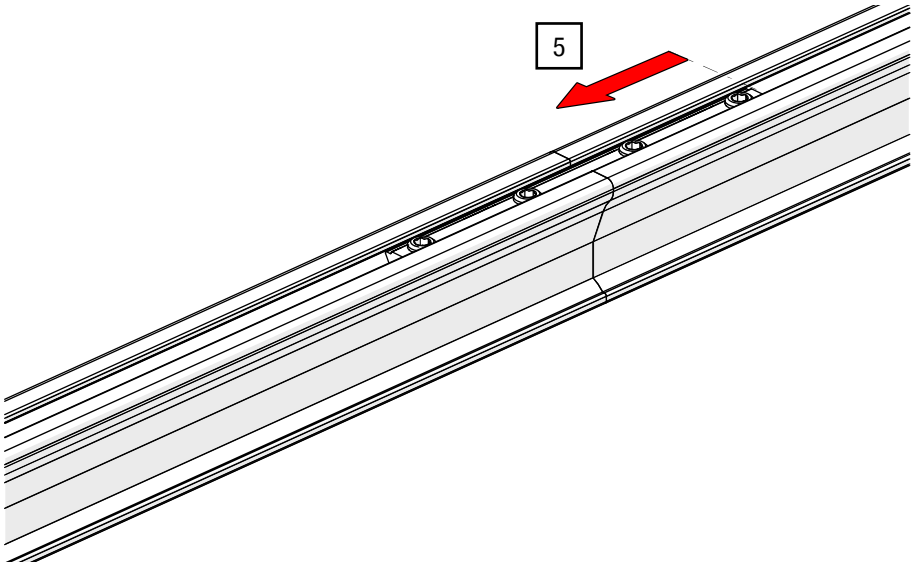


Fig. 29: Track splice – Position on track sections

Tightening track splice

6. Tighten the four M5 grub screws from the centre joint outwards using an Allen key AF 2.5 and a torque of 6 Nm (see Fig. 30).

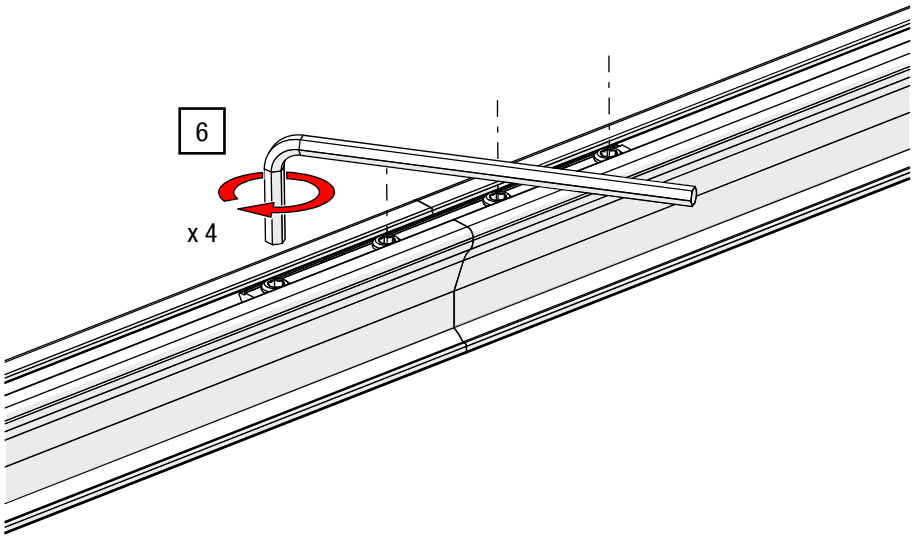


Fig. 30: Track splice – Tightening grub screws

5.2.2 Flush ceiling track installation

Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	Mounting material suitable for the substrate: • E.g. drive-in anchor E M6×30 • If in doubt with other ceiling constructions, contact Gerriets GmbH (see *Chapter 12.1 Contact* [▶ p. 114]).
Quantity according to order	Ceiling mount bracket for flush-to-ceiling track mounting Item no. 31080 0811X
1	Suitable tool, e.g. drill (not included)
1	TORX®-key T30 (not included)

Table 7: Required materials and tools for flush-to-ceiling track mounting

Mounting the ceiling mount bracket on a concrete ceiling

1. Mount the M6×30 drive-in anchor in the concrete ceiling according to the manufacturer's specifications and screw the ceiling mount bracket tight using a TORX®-key T30 and 3 Nm (see Fig. 31).

Deviations in evenness can be levelled out with shims. Aids such as crossline and line lasers for determining alignment. Deviations in levelness can be compensated for with shims.

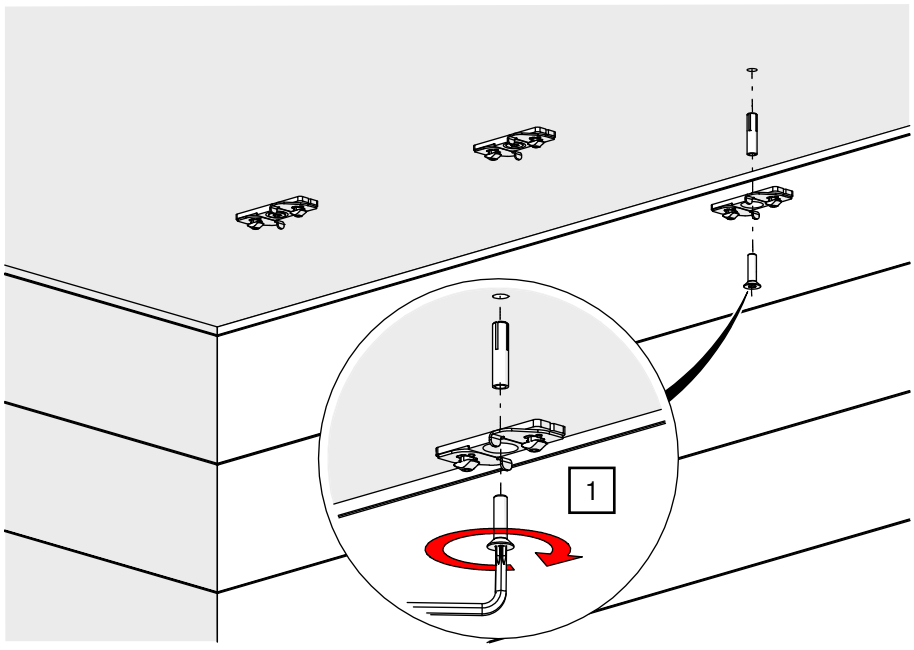


Fig. 31: Ceiling installation – Screw ceiling mount bracket into ceiling

Positioning and locking the track

2. Lift the track and position it at the ceiling mount brackets in the final position (see Fig. 32).
3. Lock the ceiling mount brackets onto the track using the side handles (see Fig. 32).

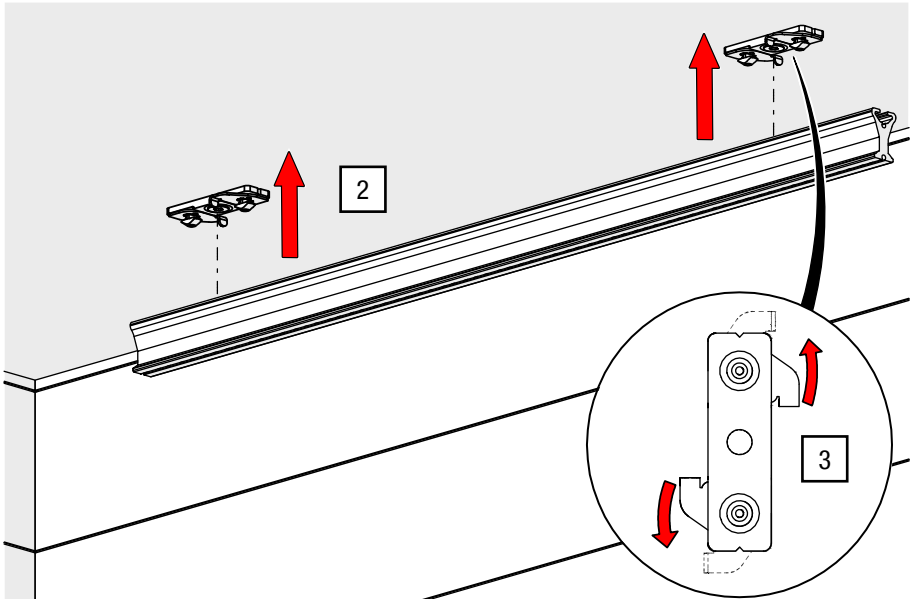


Fig. 32: Ceiling installation – Attach track to ceiling mount bracket

✓ The track is now locked to the ceiling (see Fig. 33).

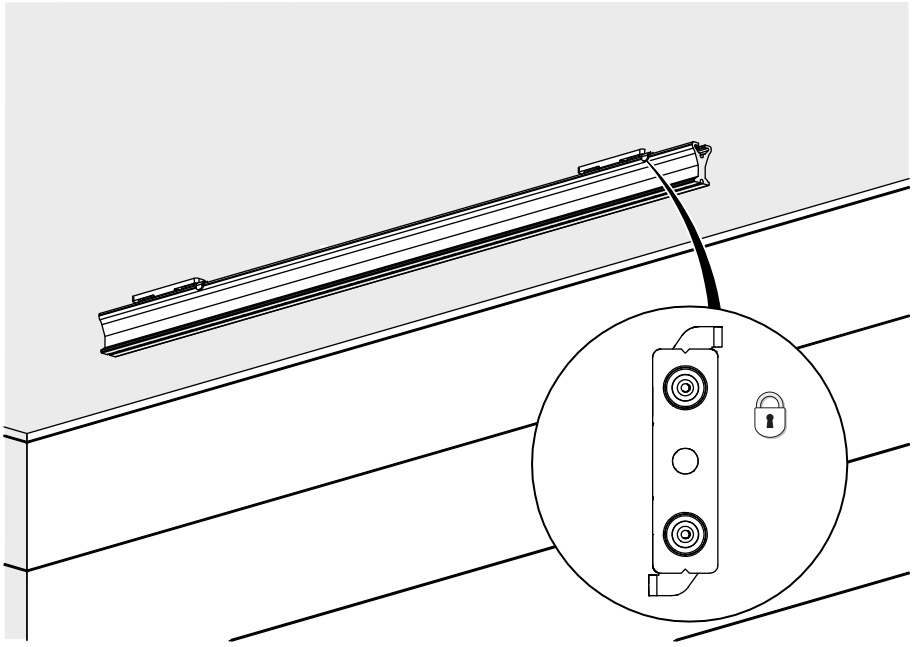


Fig. 33: Ceiling installation – Ceiling mount bracket locked

5.2.3 Ceiling suspension

Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	Mounting material suitable for the substrate: • E.g. drive-in anchor E M6×30
Quantity according to order	OFFICE G-TRACK ceiling suspension Item no. 31080 0813X – 31080 0815X Consisting of: • G-TRACK ceiling mount bracket • OFFICE spacer tube D16 • Threaded rod M6 • Coupling nut and lock nut M6 • Countersunk screw M6 • Washer D6.4
1	Suitable tools, e.g. drill, mitre saw (not included)
1	TORX®-key T30 (not included)
2	Open-end wrench AF 10 (not included)

Table 8: Ceiling suspension – Required materials and tools for assembly

Mounting the suspension on the concrete ceiling

1. Cut the tube and the threaded rod to the required length (see formulas in *Chapter 3.4.4 Suspension with spacer tube (OFFICE) – tube and threaded rod* [▶ p. 26]).
2. Mount the M6×30 drive-in anchor in the concrete ceiling according to the manufacturer's specifications (see Fig. 34).
3. Pre-assemble the threaded rod, lock nut, coupling nut, and washer and screw them into the drive-in anchor using an open-end wrench AF 10 and 3 Nm (see Fig. 34; for screw-in depth, see *Chapter 3.4.4 Suspension with spacer tube (OFFICE) – tube and threaded rod* [▶ p. 26]).

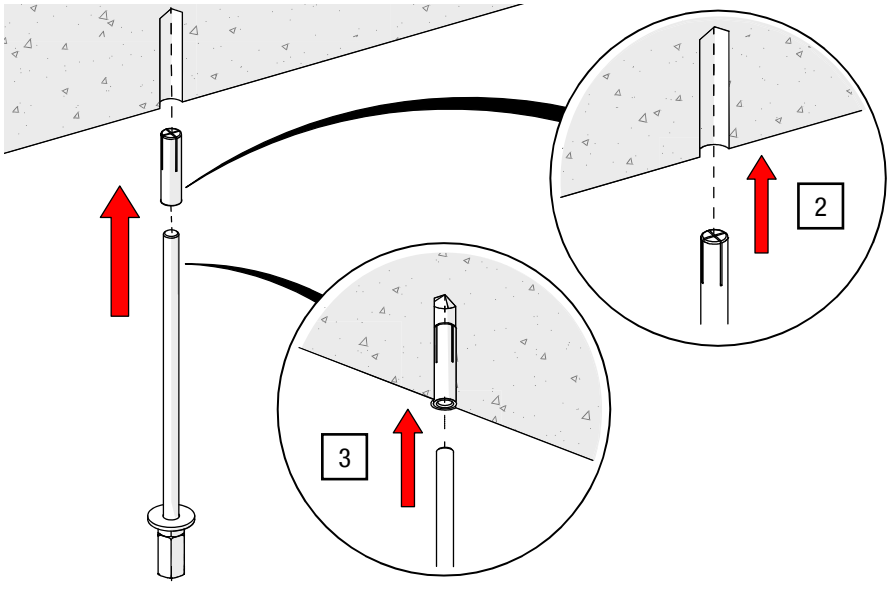


Fig. 34: Ceiling suspension – Mount drive-in anchor and threaded rod

4. Slide the tube onto the threaded rod scrolled into the drive-in anchor (see Fig. 35).

5. Screw the G-TRACK ceiling mount bracket to the coupling nut using a TORX®-key T30 with 14 Nm (see Fig. 35).

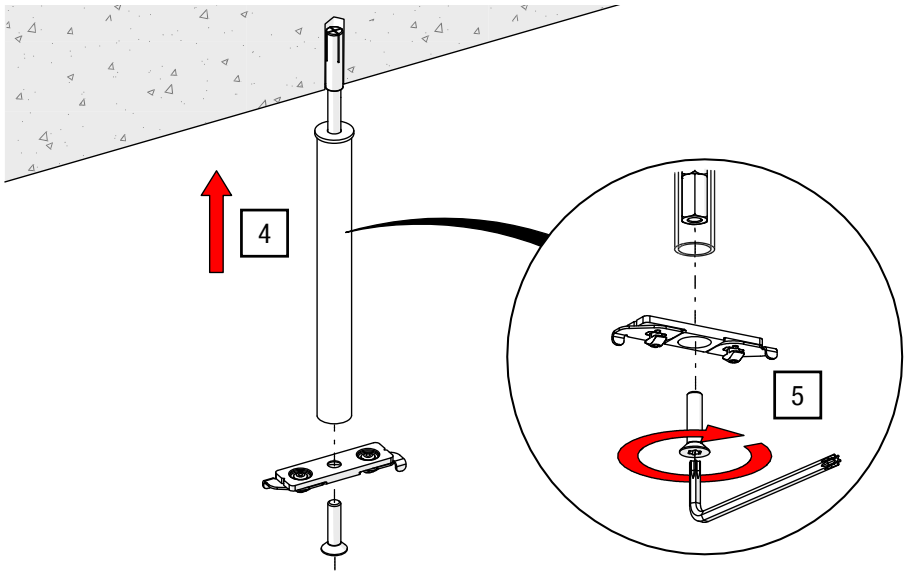


Fig. 35: Ceiling suspension – Ceiling mount bracket to suspension

Screwing the track to the ceiling mount bracket

6. Position the track at the target location (see Fig. 36).

It may be necessary to tap the ceiling mount bracket or track lightly with a rubber mallet to release any tension or perform fine adjustment.

7. Lock the ceiling mount bracket onto the track using the side handles (see Fig. 36).

If it is stiff, use suitable non-destructive tools to close the ceiling mount bracket.

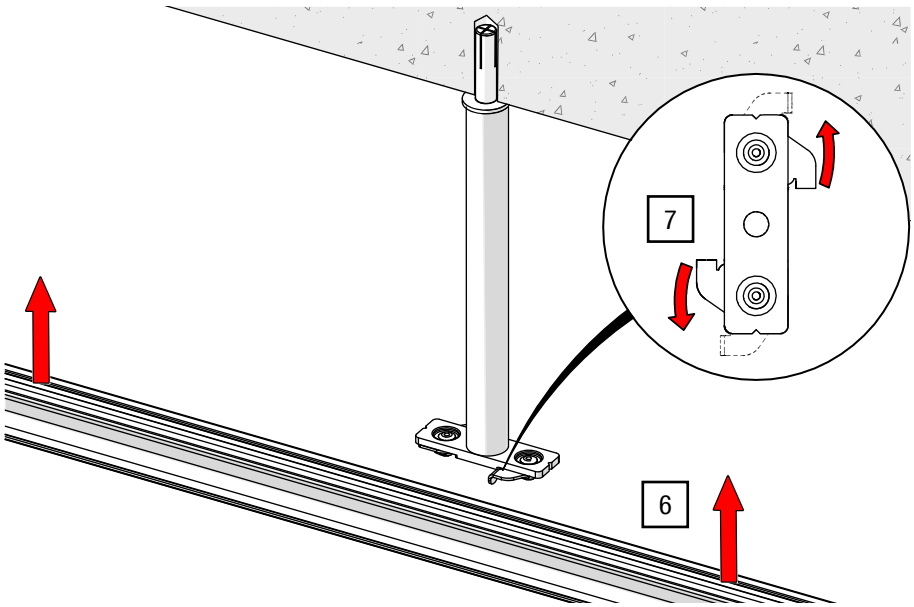


Fig. 36: Ceiling suspension – Lift track and lock ceiling mount bracket

5.2.4 Ceiling suspension (suspended ceiling)

Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	Mounting material suitable for the substrate: • E.g. drive-in anchor E M6×30 • If in doubt with other ceiling constructions, contact Gerriets GmbH (see *Chapter 12.1 Contact* [▶ p. 114]).
According to order	G-TRACK OFFICE plasterboard ceiling suspension Item no. 31080 0832X – 31080 0834X Consisting of: • G-TRACK ceiling mount bracket • OFFICE spacer tube D16 • Threaded rod M6 • Coupling nut and lock nut M6 • Countersunk screw M6 • Washer D6.4
1	Suitable tools, e.g. drill, mitre saw (not included)
1	TORX®-key (not included)
2	Open-end wrench AF 10 (not included)

Table 9: Ceiling suspension (suspended ceiling) – Required materials and tools

Mounting the suspension on the concrete ceiling

1. Cut the tube and the threaded rod to the required length (see formulas in *Chapter 3.4.4 Suspension with spacer tube (OFFICE) – tube and threaded rod* [▶ p. 26]).
2. Mount the M6×30 drive-in anchor in the concrete ceiling according to the manufacturer's specifications (see Fig. 37).
3. Pre-assemble the threaded rod with nut, lock nut, coupling nut, and washer and screw them into the drive-in anchor using an open-end wrench AF 10 and 3 Nm (see Fig. 37; for screw-in depth in coupling nut, see *Chapter 3.4.4 Suspension with spacer tube (OFFICE) – tube and threaded rod* [▶ p. 26]).

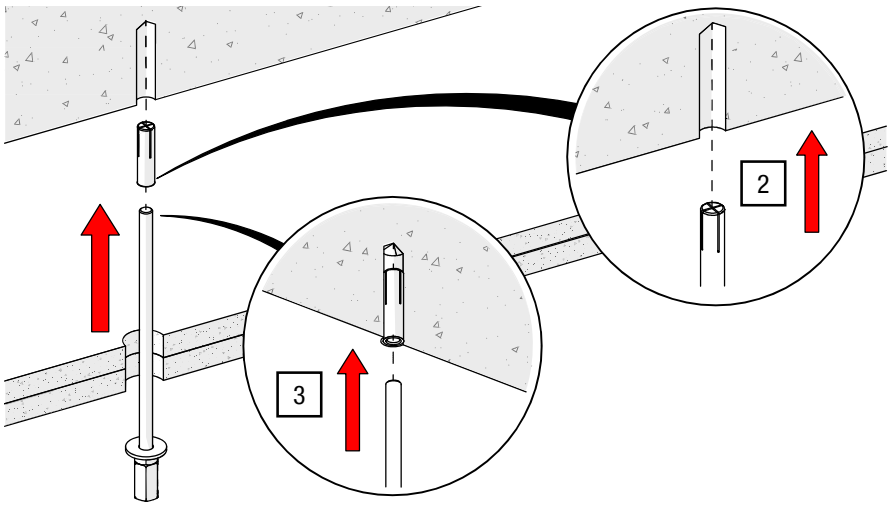


Fig. 37: Ceiling suspension – mount drive-in anchor and threaded rod

4. Slide the tube onto the threaded rod screwed into the drive-in anchor (see Fig. 38).
5. Screw the G-TRACK ceiling mount bracket to the coupling nut using a TORX®-key T30 with 14 Nm (see Fig. 38).

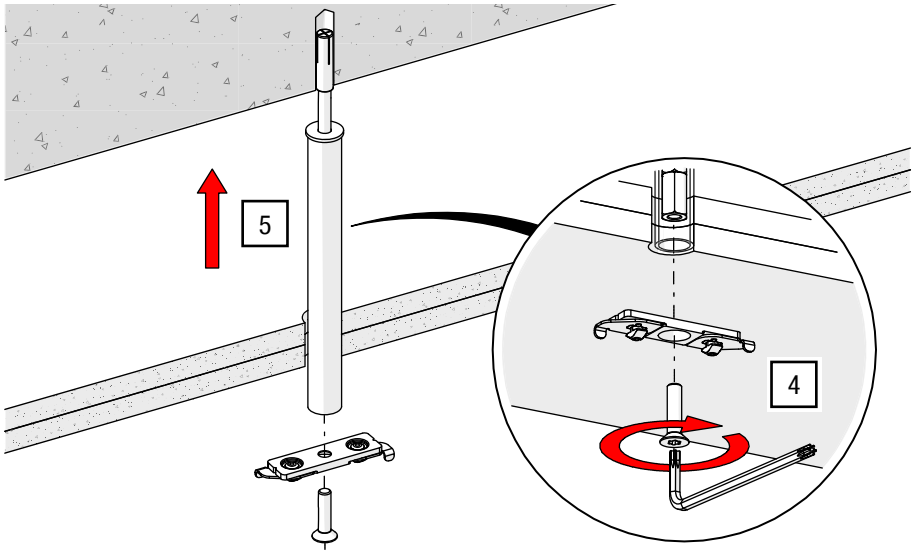


Fig. 38: Ceiling suspension OFFICE – Ceiling mount bracket to suspension

Screwing the track to the ceiling mount bracket

6. Position the track at the target location (see Fig. 39).

It may be necessary to tap the ceiling mount bracket or track lightly with a rubber mallet to release any tension or perform fine adjustment.

7. Secure the track to the ceiling mount bracket by locking the levers (see Fig. 39).

If it is stiff, use suitable non-destructive tools to close the ceiling mount bracket.

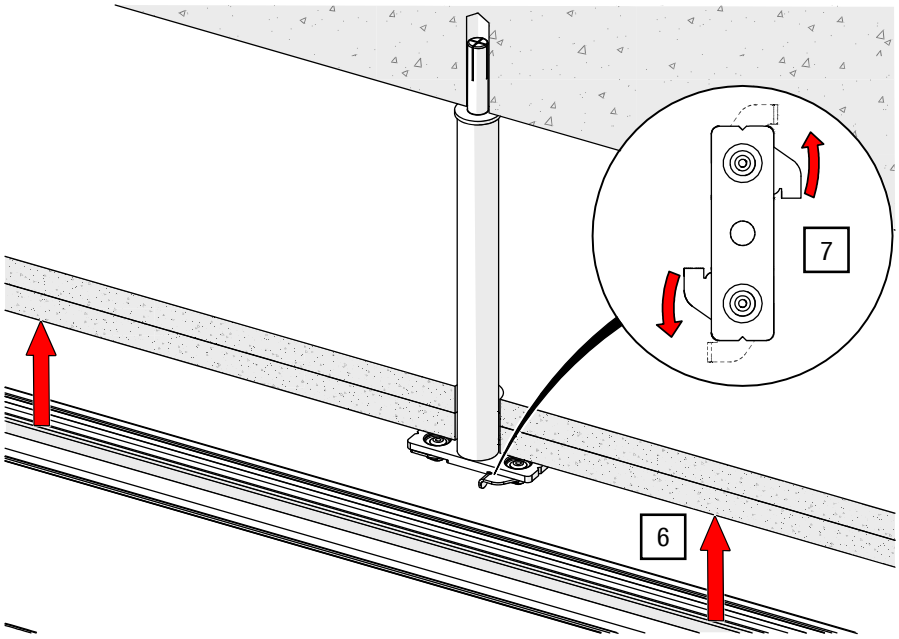


Fig. 39: Ceiling suspension OFFICE – Lift track and lock ceiling mount bracket

5.2.5 G-TRACK suspension for top cord operation

Required Materials / Tools

Quantity	Materials / Tools
Quantity according to order	Track suspension bracket for top cord operation Item no. 31080 08031
1	Hexagon socket key (hex key) AF 3 (not included)

Table 10: Required materials / tools for direct ceiling mounting of the suspension / cord guide plate

Always orientate the ceiling suspension for the top cord operation with the first bend against the cord clamp on the master runner, so that the master runner can move freely (see also infographics in *Chapter 5.4 Installing top cord operation (TCO)* [▶ p. 64]).

1. Mount the cord guide plate with the slot nut and hex key AF 3 to the track (see Fig. 40).

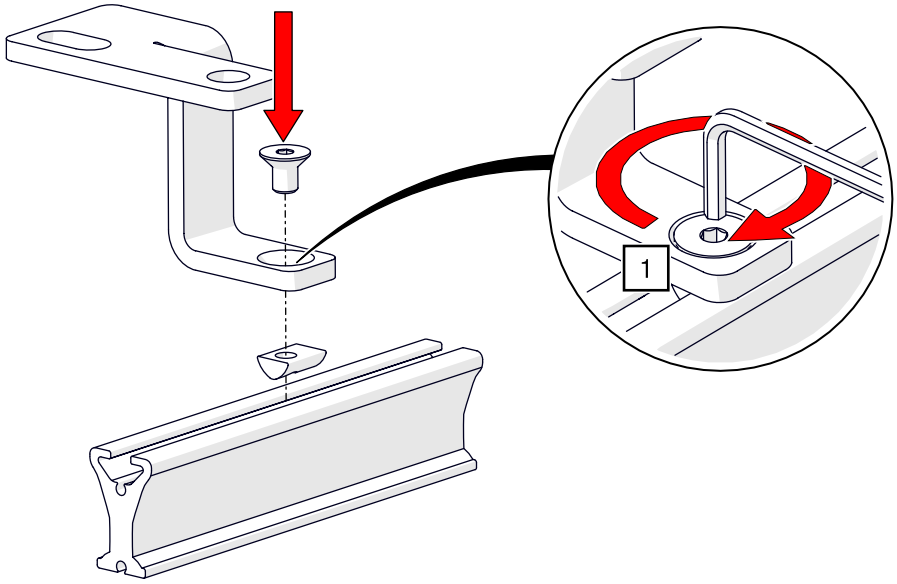


Fig. 40: Mounting the cord guide – Assembly with slot nut

5.2.6 G-TRACK wall mount bracket for suspensions

Required Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	Mounting material suitable for the substrate: • Concrete wall: E.g. drive-in anchor E M8 × 30, hexagon head screw M8 × 30 (ISO 4017) • Wooden ceiling / plasterboard according to substrate
1	Suitable tools, e.g. drill (not included)
Quantity according to order	Wall mount bracket – Item no. 31000 088XX
1	Open-end wrench AF 10 (not included)
1	Open-end wrench AF 13 (not included)

Table 11: Required materials / tools for mounting the wall mount bracket

Mounting the wall mount bracket for direct mounting on a concrete wall

1. Screw the wall mount bracket to the wall using mounting material suitable for the substrate (assembly according to the manufacturer's specifications).

Ensure that the surface for mounting the wall mount brackets is as level as possible. Use aids such as cross and line lasers to determine the mounting points.

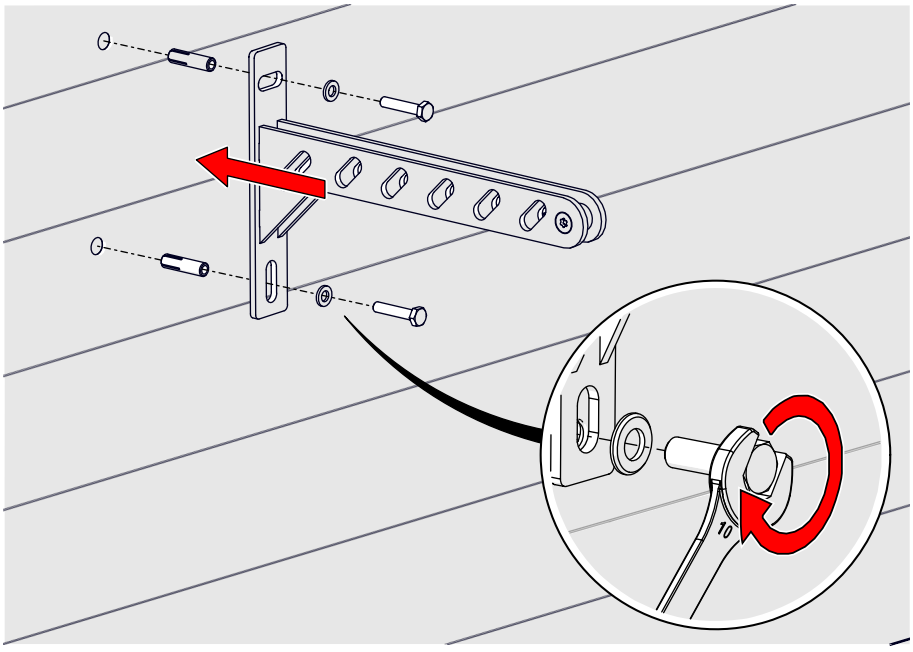


Fig. 41: Mounting the wall mount bracket on the wall

Screwing the wall mount bracket to the suspension

Mounting material for step 2:
1 × hexagon head screw M8
1 × lid
2 × washer D8
1 × nut M8

2. Screw the suspension for top cord operation to the track profile according to *Chapter 5.2.5 G-TRACK suspension for top cord operation* [▶ p. 41].
3. Place the U-plate with the open side facing downwards onto the wall mount bracket and screw it to the suspension for cord guides using two open-end wrenches AF 13 (see Fig. 42).

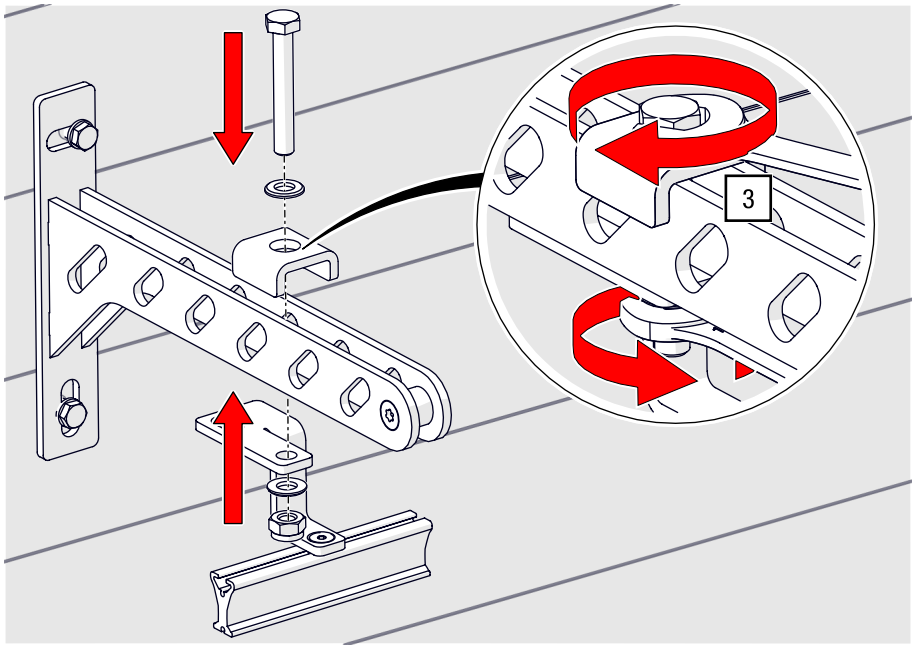


Fig. 42: Screwing the wall mount bracket to the suspension for cord guides

5.2.7 G-TRACK Interior wall mount bracket

Required Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	Mounting material suitable for the substrate: • Concrete wall: E.g. drive-in anchor E M6×30 • If in doubt with other ceiling constructions, contact Gerriets GmbH (see *Chapter 12.1 Contact* [▶ p. 114]).
Quantity according to order	• Interior wall mount bracket Item no. 31080 0806X incl. screw connection • Ceiling mount bracket for flush-to-ceiling track mounting Item no. 31080 0811X
1	Suitable tools, e.g. drill (not included)
1	TORX®-key T30 (not included)

Table 12: Wall mounting Interior wall mount bracket – Required materials and tools for assembly

Mounting the Interior wall mount bracket on a concrete wall

1. Mount the drive-in anchor E M6×30 in the wall according to the manufacturer's specifications and screw the wall mount bracket tight using a TORX®-key T30 and 11 Nm (see Fig. 43).

Ensure that the surface for mounting the wall mount brackets is as level as possible. Use aids such as cross and line lasers to determine the mounting points. Deviations in alignment can be levelled out with shims.

2. Screw the ceiling mount bracket to the Interior wall mount bracket using a TORX®-key T30 and 11 Nm (see Fig. 43).

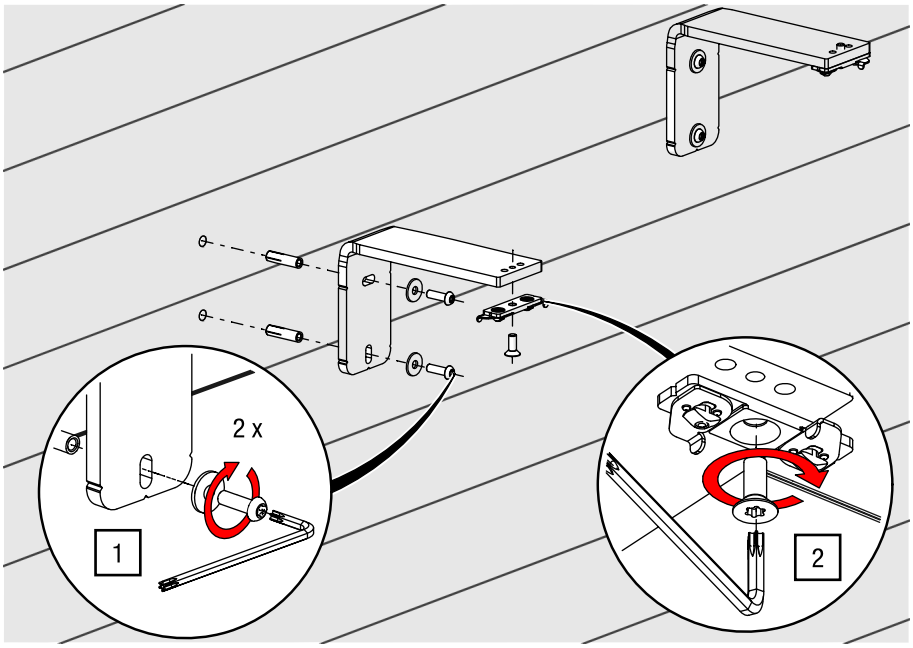


Fig. 43: Wall mounting Interior wall mount bracket – Attach wall mount bracket and screw ceiling mount bracket tight

3. Secure the track with the ceiling mount bracket by locking the levers (see also *Chapter 5.2.2 Flush ceiling track* installation [▶ p. 35]).

5.2.8 G-TRACK CLAMP direct

Required Materials / Tools

Quantity	Materials / Tools
Corresponding to number of suspensions	G-TRACK CLAMP direct 48/60 Item no. 31080 08091 Consisting of: • G-CLAMP with pre-assembled G-CLAMP adapter plate • 2 × pan-head screw • 4-way slot nut
Quantity according to order	G-TRACK track parts
1	TORX®-key T25 (not included)

Table 13: G-CLAMP direct – Required materials and tools for assembly

Mounting G-CLAMP directly

1. Mount the G-CLAMP with a 4-way slot nut and a TORX®- key T25 to the track (see Fig. 44).

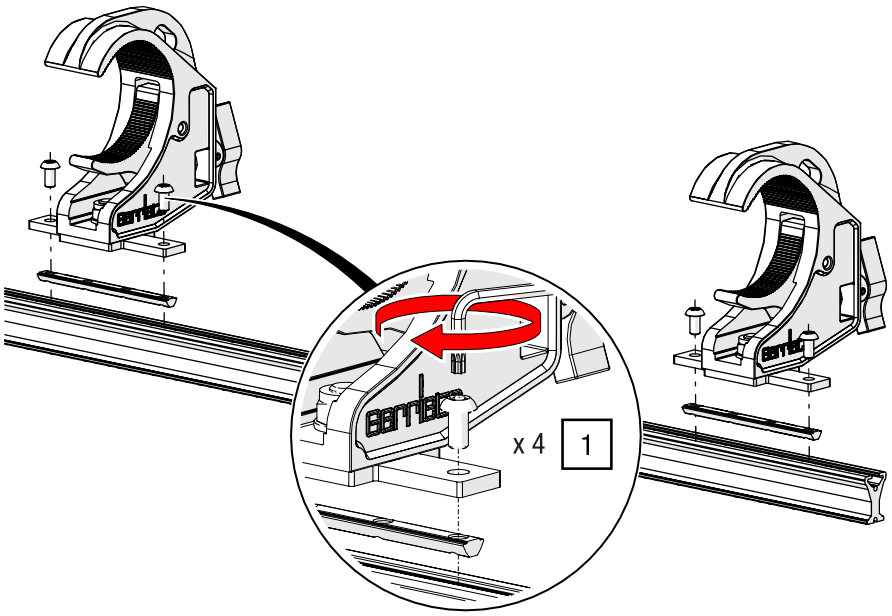


Fig. 44: G-CLAMP direct – Assembly with slot nut

2. Open the G-CLAMP and position it on the on-site support structure (see Fig. 45).

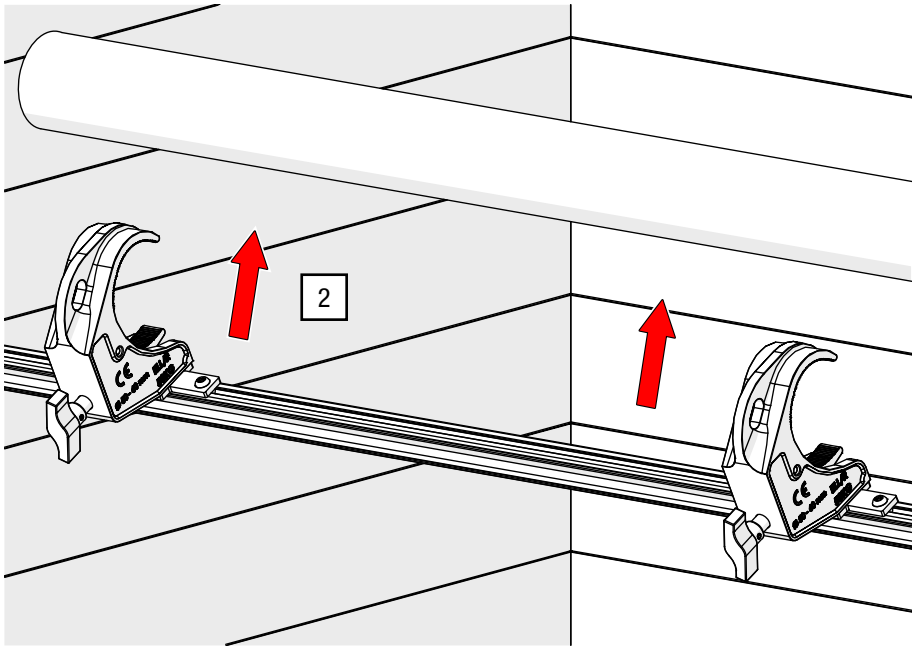


Fig. 45: G-CLAMP direct – Position on pipe

3. Secure the G-CLAMP hand-tight on the pipe (see Fig. 46).

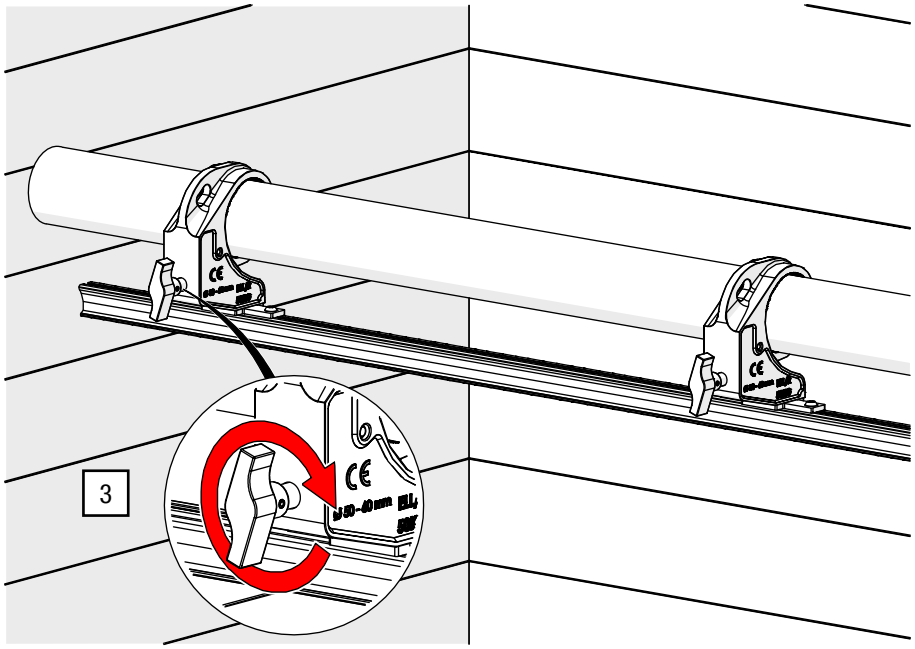


Fig. 46: G-CLAMP direct – Secure on pipe

5.2.9 Double track suspension bracket (double track)

Required Materials / Tools

Quantity	Materials / Tools
According to order	Double track suspension bracket Item no. 31080 08021 Consisting of: • Connection/overlap plate • 2 × double slot nut, short • 4 × pan-head screw
1	TORX®-key T25 (not included)

Table 14: Double track suspension bracket (double track) – Required materials and tools for assembly

The connection/overlap plate has a through-hole for M12 for fastening to a substructure with a suitable fastener.
With the G-CLAMP 48/60 – Item no. 31000 08081 (accessory), the track construction can be attached, e.g., to a truss.

Assembly in compensation orientation

1. Insert the slot nuts into the track profile and screw the plate in the compensation orientation using a TORX®-key T25 and 6 Nm (see Fig. 47).

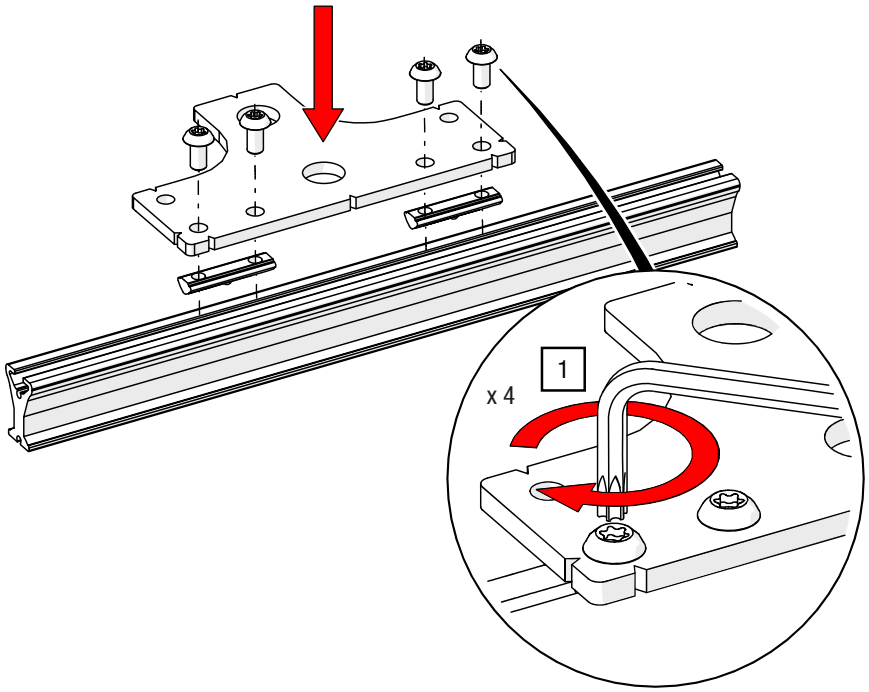


Fig. 47: Double track suspension bracket (double track) – Mount longitudinally to the track (compensation)

Assembly in overlap orientation (parallel connection and suspension of tracks)

1. Place one slot nut in each of the two track sections and fasten the plate transversely as a connection plate using a TORX®-key T25 and 6 Nm (see Fig. 48).

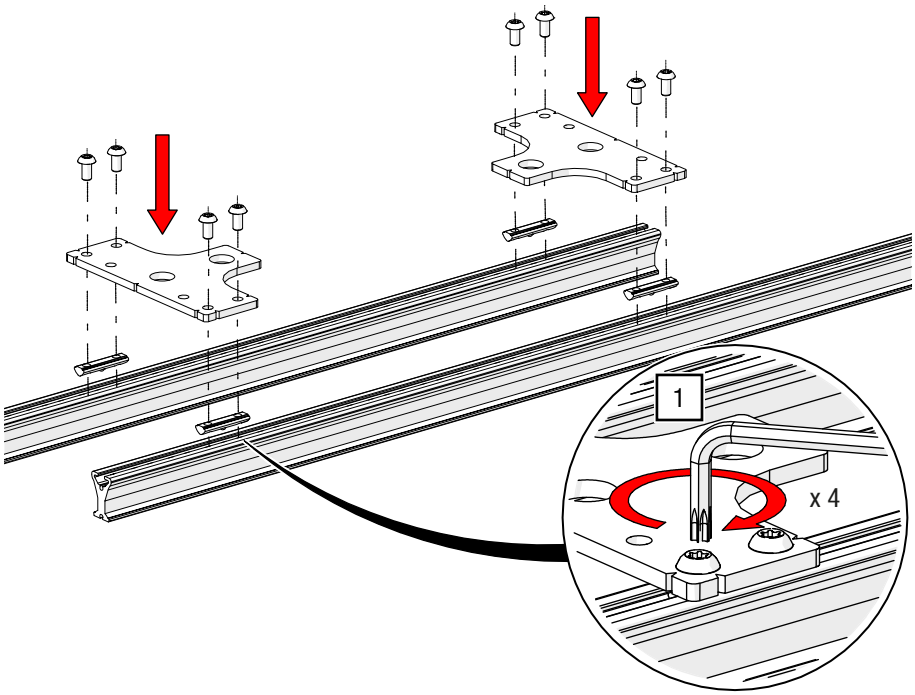


Fig. 48: Double track suspension bracket (double track) – Mount transversely to the track (overlap)

5.2.10 Variable end stop

Required Materials / Tools

Quantity	Materials / Tools
According to order	Variable end stop Item no. 31080 0094X Consisting of: • End stop body • Grub screw
1	Allen key AF 2 (not included)

Table 15: Variable end stop – Required materials and tools for assembly

Mounting the end stop at the track end

1. Slide the variable end stop onto the track end according to your desired position (see Fig. 49).

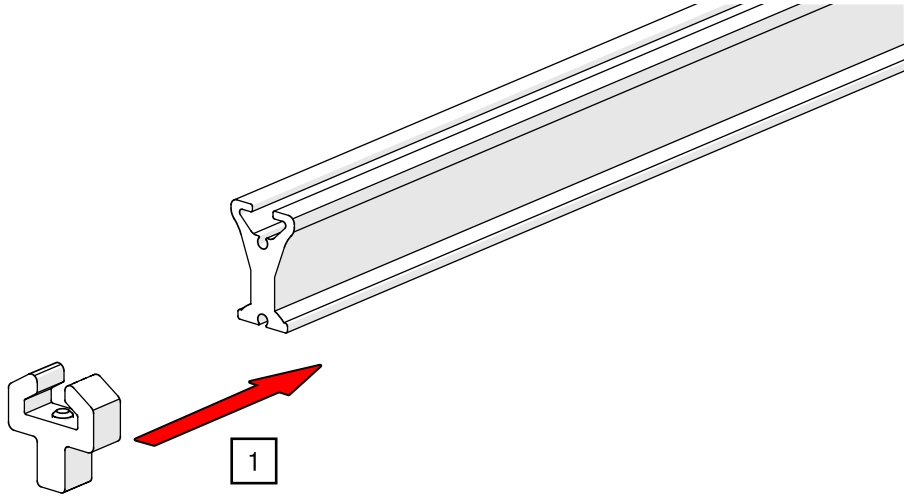


Fig. 49: Variable end stop – Mount at the track end

2. Tighten the grub screw using an Allen key AF 2 to 3 Nm (see Fig. 50).

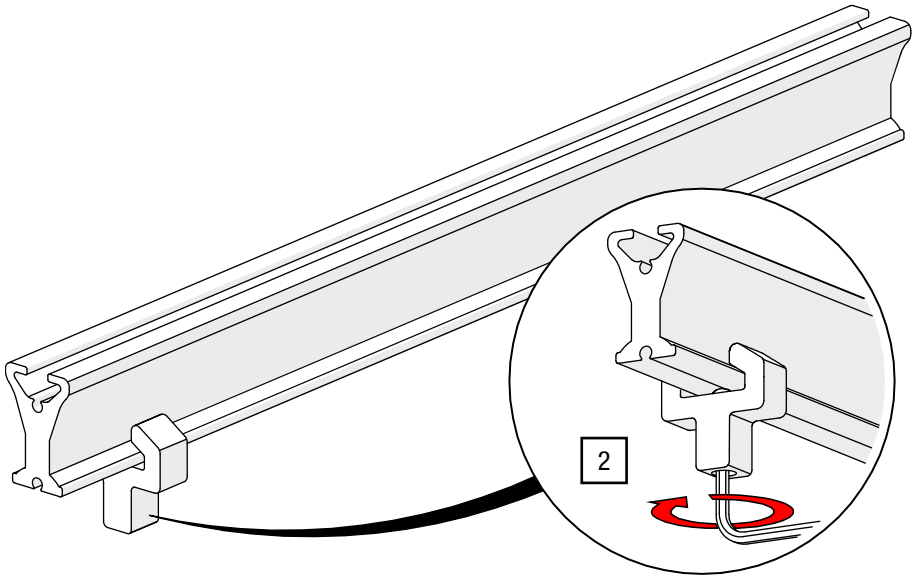


Fig. 50: Variable end stop – Tighten grub screw

5.2.11 Variable end stop with curtain mounting

Required Materials / Tools

Quantity	Material
According to order	G-TRACK variable end stop with curtain mounting Item no. 31080 0099X Consisting of: • End stop upper section • Eyelet • 2 × M5 grub screw
1	Allen key AF 2.5 (not included)

Table 16: Variable end stop with curtain mounting – Required materials and tools for assembly

3. Turn the grub screws flush with the base plate, slide the end stop onto the track and turn it by 90° into the final position (see Fig. 51).

Ensure the correct orientation of the end stop for the following G-TRACK runners according to graphic Fig. 51 and Fig. 52.

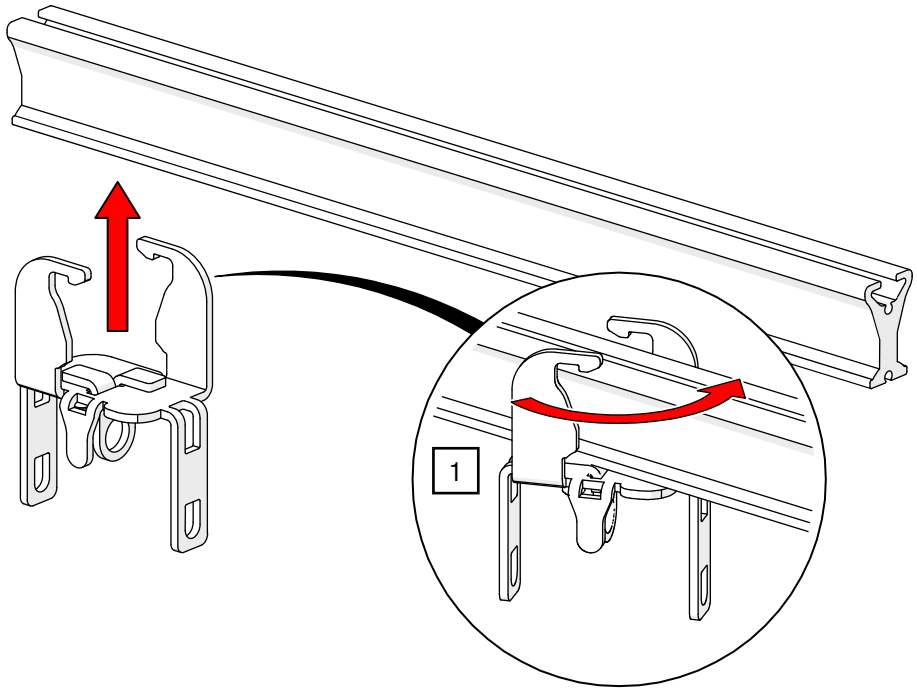


Fig. 51: Variable end stop with curtain mounting – Slide onto track

4. Tighten the grub screws using an Allen key AF 2.5 and 6 Nm (see Fig. 52).

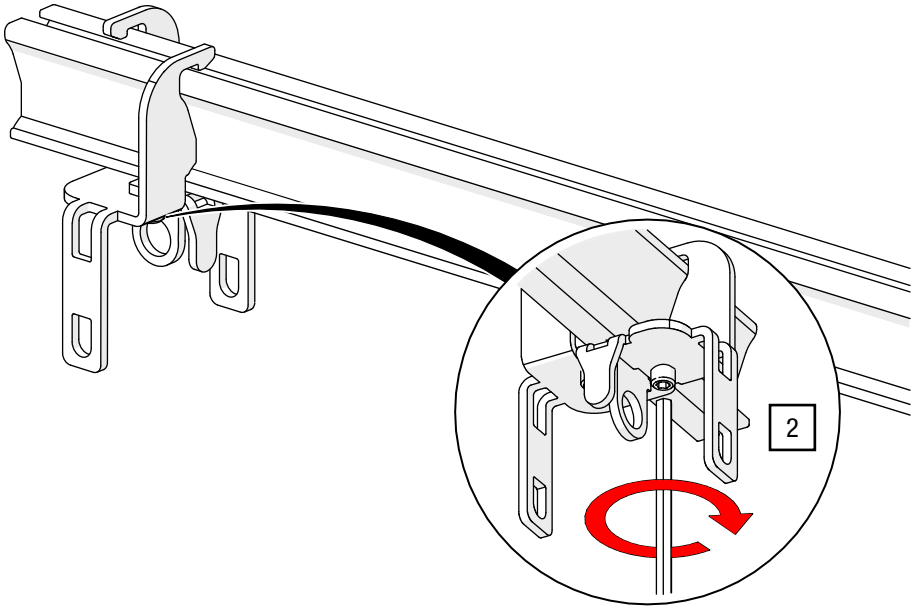


Fig. 52: Variable end stop with curtain mounting – Tighten grub screw

5.3 Installing master runners and runners

Depending on the application and variant ordered, the master runners must be fitted with overlap arms and coupling magnet parts prior to final installation on the track. This allows for overlaps or attachment of the outer layers.

➔ Adjust the master runners according to the instructions in the following Chapters to suit the application.

➔ Then thread the master runners and runners onto the open end of the track in the required order and quantity.

➔ Observe the maximum runner distance according to your track radius (see *Chapter 3.3 Runners and master runners* [▶ p. 19]).

5.3.1 Master runner overlap arm (Theatre/Interior)

Required Materials / Tools

Quantity	Material / tools
According to order	G-TRACK master runner Item no. 31080 0001X
According to order	Master runner overlap arm add-on set Item no. 31080 00242 consisting of: • 1 × side plate • 1 × overlap arm, single • 4 × M4 × 8 – DIN 7500 (self-tapping) • 1 × support roller
1	TORX®-key T20 (not included)

Table 17: Master runner with overlap arm – Required materials and tools for conversion

Mounting the side plate and the bracket for magnetic catch plate

1. Position the side plate on the master runner and screw it tight using a TORX®-key T20 until it is flush with the master runner (see Fig. 53).

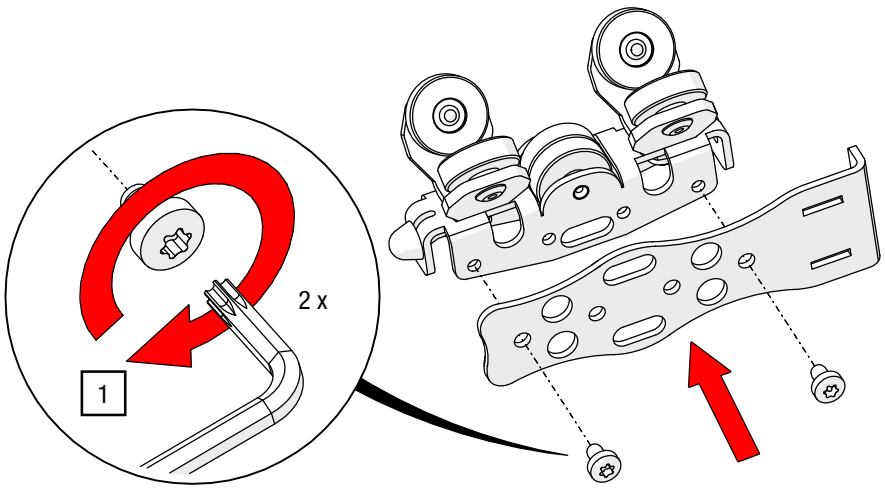


Fig. 53: Conversion of master runner with overlap arm – Mount side plate

2. Insert the support roller into the groove provided, screw the master runner to the overlap arm and the lateral eyelet plate using a TORX®-key T20 until the plate is flush with the master runner (see Fig. 54).

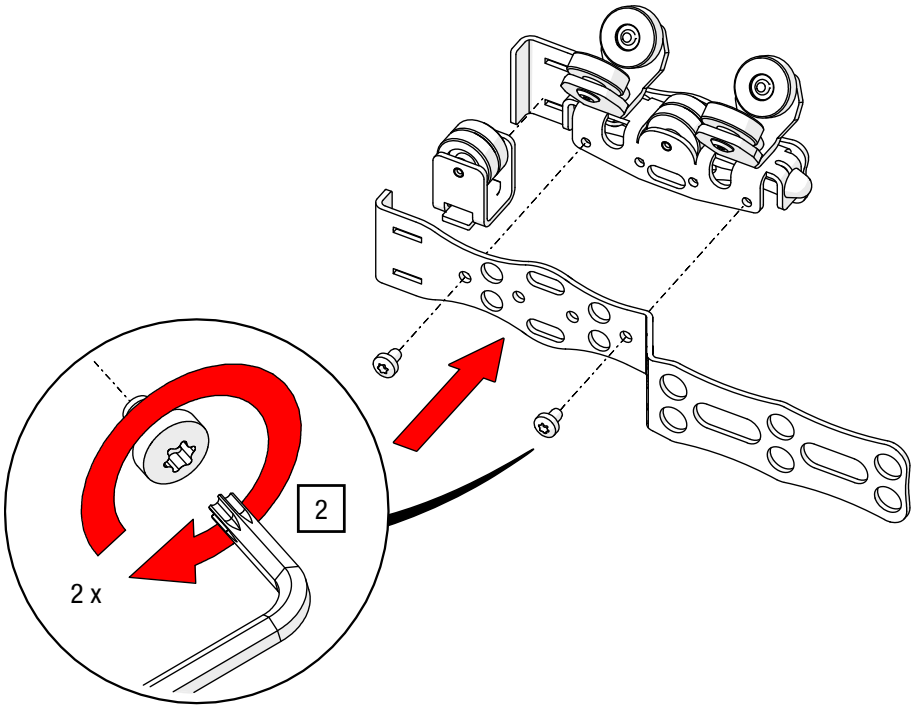


Fig. 54: Conversion of master runner with overlap arm – Mount overlap arm

✓ The master runner is fully assembled (see Fig. 55).

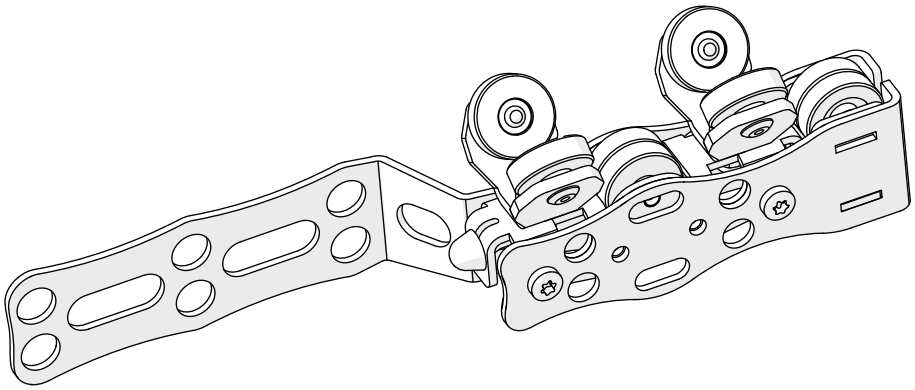


Fig. 55: Completed conversion – Master runner with overlap arm on one side

5.3.2 Master runner (OFFICE)

Required Materials / Tools

Quantity	Materials / Tools
1	G-TRACK master runner Item no. 31080 0001X
1	OFFICE master runner add-on set without overlap arm Item no. 31080 00322, consisting of: • 2 × side plate • 8 × M4 × 8 – DIN 7500 (self-tapping) • 2 × lateral eyelet plate
1	Individual parts from magnet catch plate set Item no. 31080 0035X • Hexagon screw / nut M4
1	TORX®-key T20 / T25 (not included)
1	Open-end wrench AF 4 (not included)
1	Hex socket wrench AF 8 (not included)
1	Hexagon socket key (hex key) AF 3 (not included)

Table 18: OFFICE master runner – Required materials and tools for conversion

Mounting the bracket for magnetic catch plate

1. Loosen the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX®-key T25 (see Fig. 56).
2. Remove the rubber buffer, tighten the screw of the magnet catch plate and the hexagon nut using an open-end wrench AF 4 and a hex key AF 3 to 3 Nm (see Fig. 56).

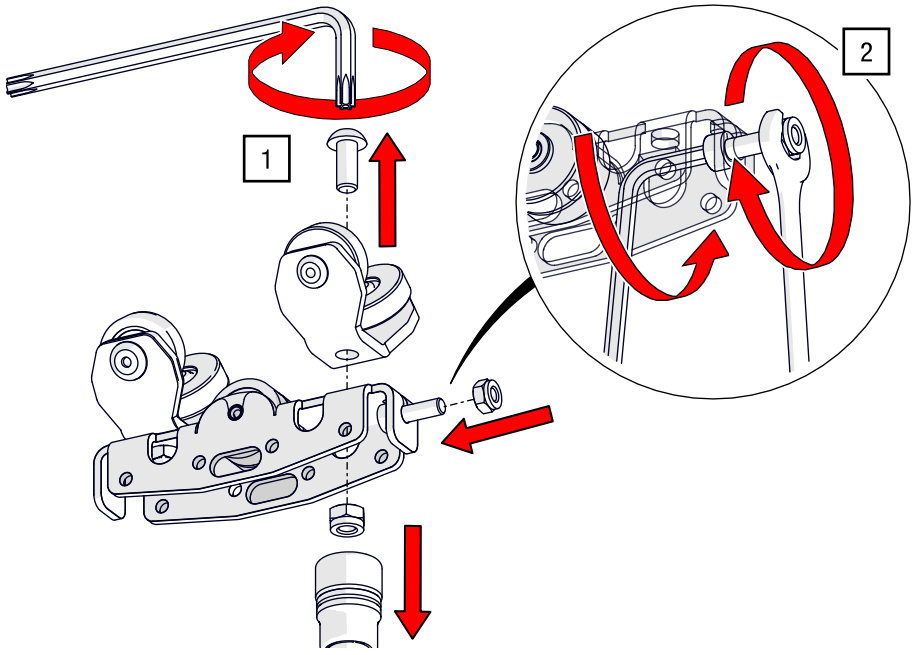


Fig. 56: OFFICE master runner – Mounting the screw for magnetic coupling

3. Retighten the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX® key T25 to 6 Nm so that the wheel mount can still rotate without play.

Mounting the side plates

4. Position one side plate with a lateral eyelet plate on the master runner and screw it tight using a TORX®-key T20 until it is flush with the master runner (see Fig. 57).

Observe the positioning of the eyelet plate according to the specified hook distances.

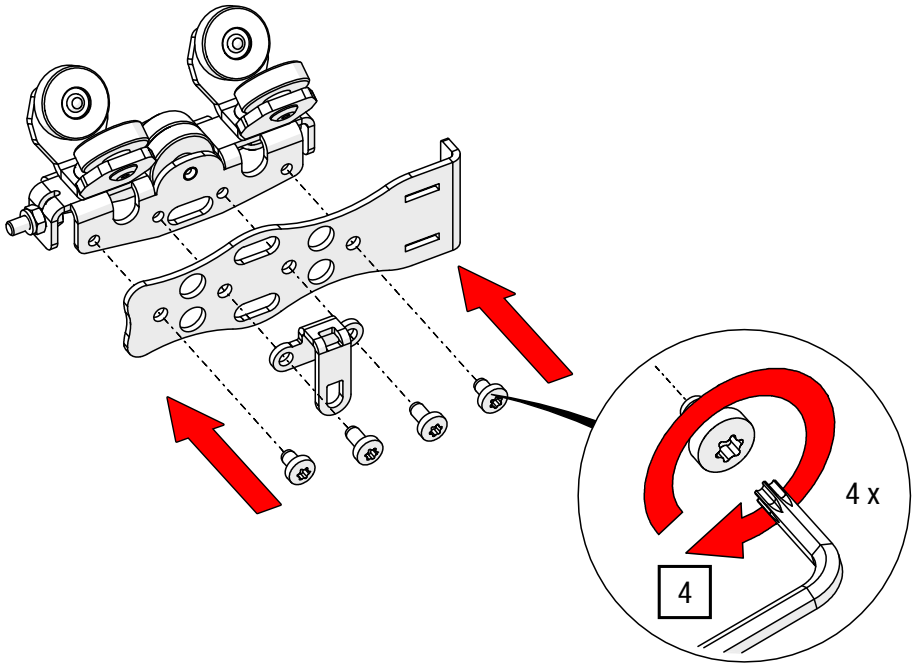


Fig. 57: OFFICE master runner – Mount side plate, eyelet plate, and magnet bracket

5. Screw the master runner to the side plate and the lateral eyelet plate using a TORX®-key T20 until the plate is flush with the master runner (see Fig. 58).

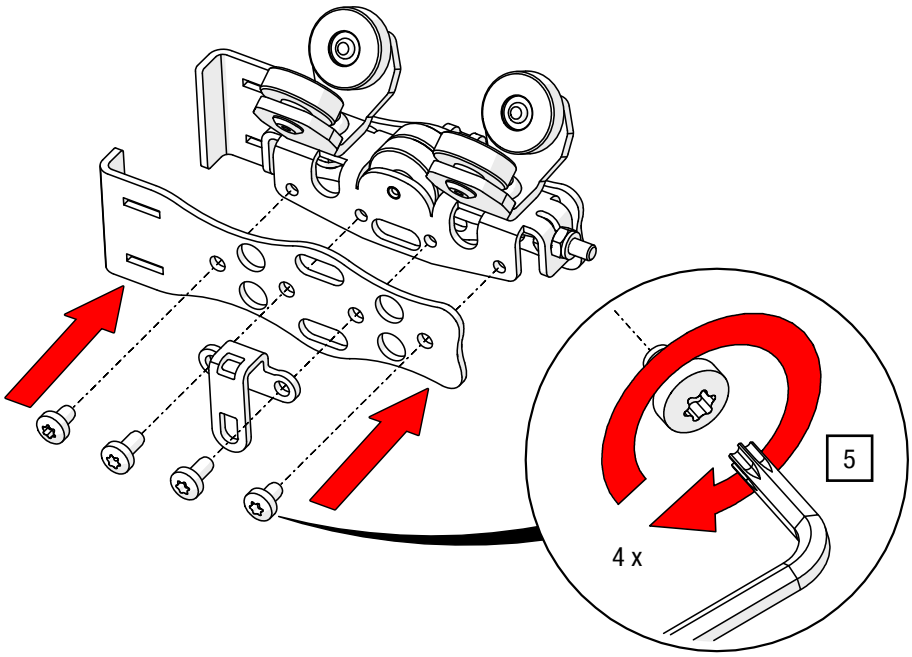


Fig. 58: OFFICE master runner – Mount side plate on opposite side

✓ The master runner is fully assembled (see Fig. 59). The magnet plate is attached after hanging the outer layers (see also *Chapter 5.8.2 Attaching outer layers to OFFICE master runners* [▶ p. 92]).

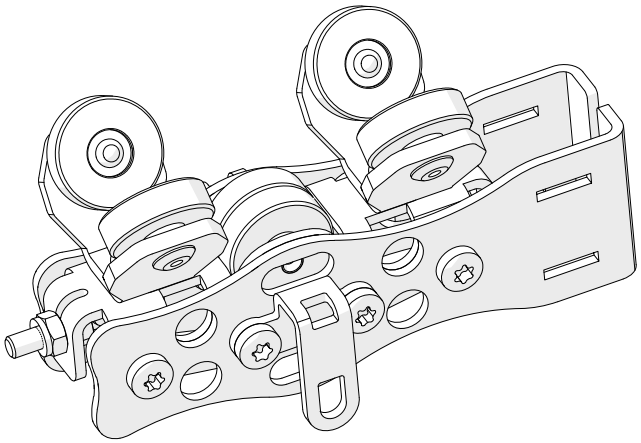


Fig. 59: Completed conversion to OFFICE master runner without overlap arm

5.3.3 Master runner with double overlap arm (OFFICE)

Required Materials / Tools

Quantity	Materials / Tools
1	G-TRACK master runner Item no. 31080 0001X
1	OFFICE master runner add-on set Item no. 31080 00312 consisting of: • 2 × overlap arm, single • 8 × M4 × 8 – DIN 7500 (self-tapping) • 2 × lateral eyelet plate • 1 × support roller
1	Parts from coupling magnet set Item no. 31080 0034X: • Screw / hexagon nut M4
1	• TORX®-key T20 (not included) • TORX®-key T25 (not included)
1	Open-end wrench AF 4 (not included)
1	Hex socket wrench AF 8 (not included)
1	Hexagon socket key (hex key) AF 3 (not included)

Table 19: OFFICE master runner with double overlap arm – Materials and tools

Mounting the bracket for magnetic catch plate

1. On the master runner, loosen the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX®-key T25 (see Fig. 60).
2. Remove the rubber buffer, tighten the screw of the magnet catch plate and the hexagon nut using an open-end wrench AF 4 and a hex key AF 3 to 3 Nm (see Fig. 60).

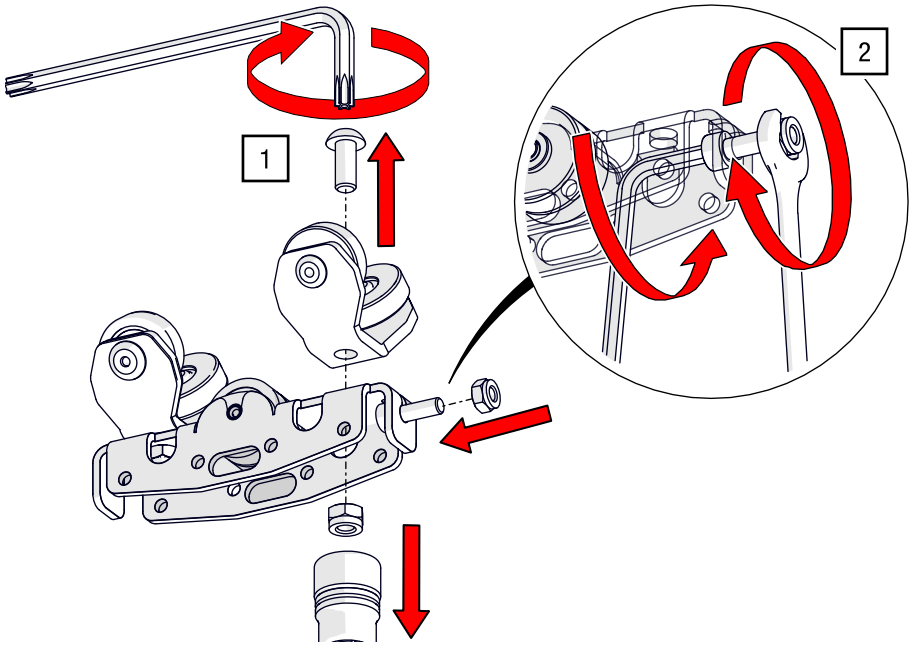


Fig. 60: OFFICE master runner overlap arm – Mounting the screw for magnetic coupling

3. Retighten the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX®-key T25 to 6 Nm so that the wheel mount can still rotate without play.

Mounting the overlap arms and support roller

4. Position one overlap arm with a lateral eyelet plate on the master runner and screw them tight using a TORX®-key T20 until the plate is flush with the master runner (see Fig. 61).

Observe the positioning of the eyelet plate according to the specified hook distances.

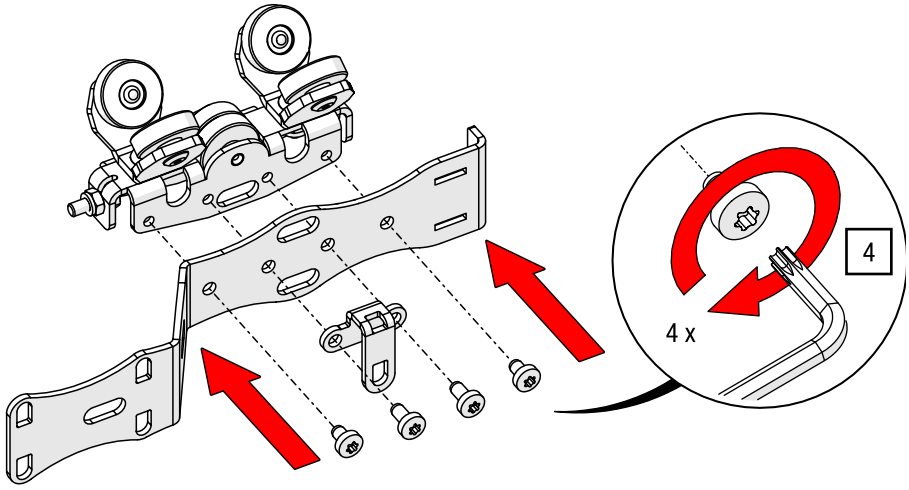


Fig. 61: OFFICE master runner overlap arm – Mount overlap arm and eyelet plate

5. Insert the support roller into the groove provided, screw the master runner to the overlap arm and the lateral eyelet plate using a TORX®-key T20 until the plate is flush with the master runner (see Fig. 62).

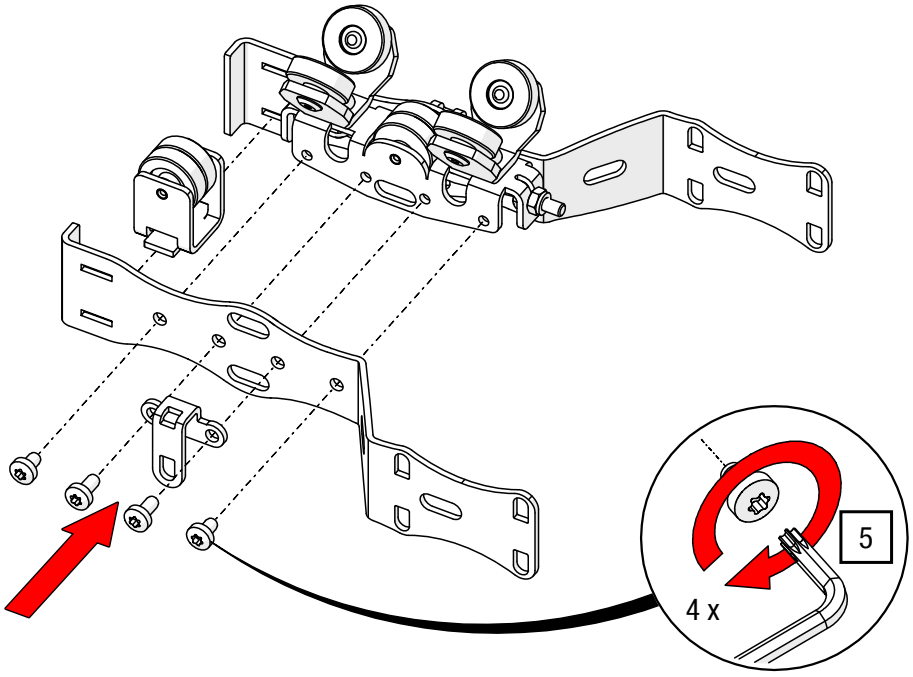


Fig. 62: OFFICE master runner overlap arm – Mount overlap arm with support roller

✓ The master runner is fully assembled (see Fig. 63). The magnet plate is attached after hanging the outer layers (see also *Chapter 5.8.2 Attaching outer layers to OFFICE master runners* [▶ p. 92]).

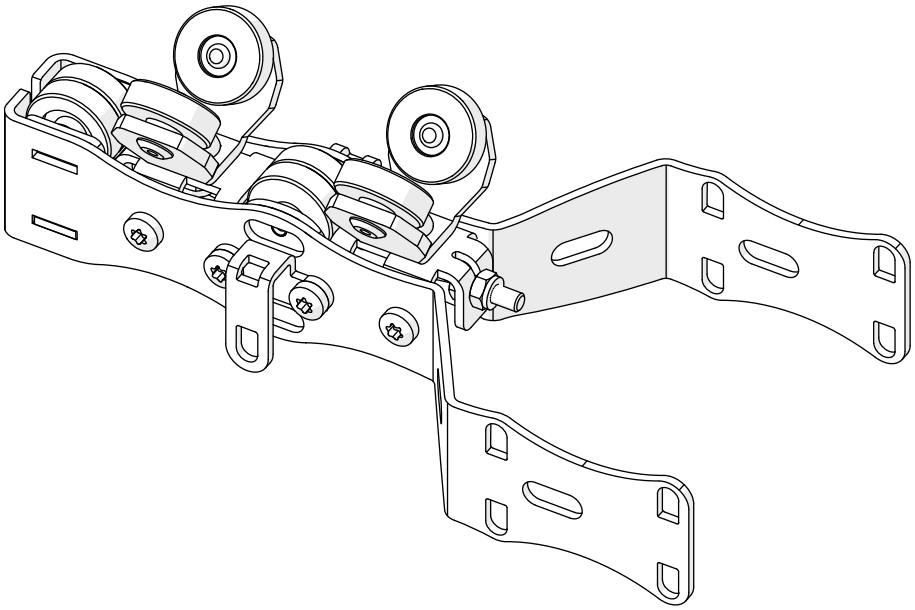


Fig. 63: Completed conversion to OFFICE master runner with double overlap arm

5.3.4 Brake and brake handle

Required Materials / Tools

Quantity	Materials / Tools
1	G-TRACK master runner – Item no. 31080 0001X
1	OFFICE master runner add-on set Item no. 31080 00322, consisting of: • 2 × overlap arm counter plate • 8 × M4 × 8 – DIN 7500 (self-tapping) • 2 × lateral eyelet plate
1 (pre-assembled)	• G-TRACK brake handle Item no. 31080 0037X • G-TRACK add-on brake Item no. 31080 00468
1	• TORX®-key T20 (not included) • TORX®-key T25 (not included)
1	Open-end wrench AF 4 (not included)
1	Hex socket wrench AF 8 (not included)
1	Hexagon socket key (hex key) AF 3 (not included)

Table 20: Master runner with add-on brake – Required materials and tools for conversion

Mounting the bracket for magnetic catch plate

1. Loosen the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX®-key T25 (see Fig. 64).
2. Remove the rubber buffer, tighten the screw of the magnet catch plate and the hexagon nut using an open-end wrench AF 4 and a hex key AF 3 to 3 Nm (see Fig. 64).

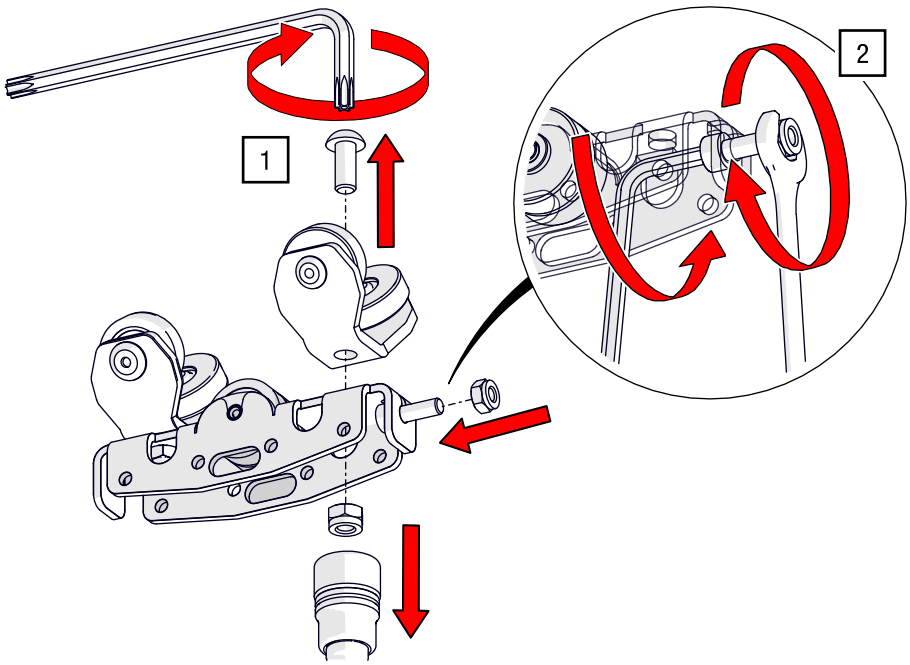


Fig. 64: Master runner with add-on brake – Mounting the screw for magnetic coupling

3. Retighten the screw connection of the front wheel mount using a hex socket wrench AF 8 and a TORX®-key T25 to 6 Nm so that the wheel mount can still rotate without play.

Mounting the side plate

4. Position one side plate with a lateral eyelet plate on the master runner and screw it tight using a TORX®-key T20 until it is flush with the master runner (see Fig. 65).

Observe the positioning of the eyelet plate according to the specified hook distances.

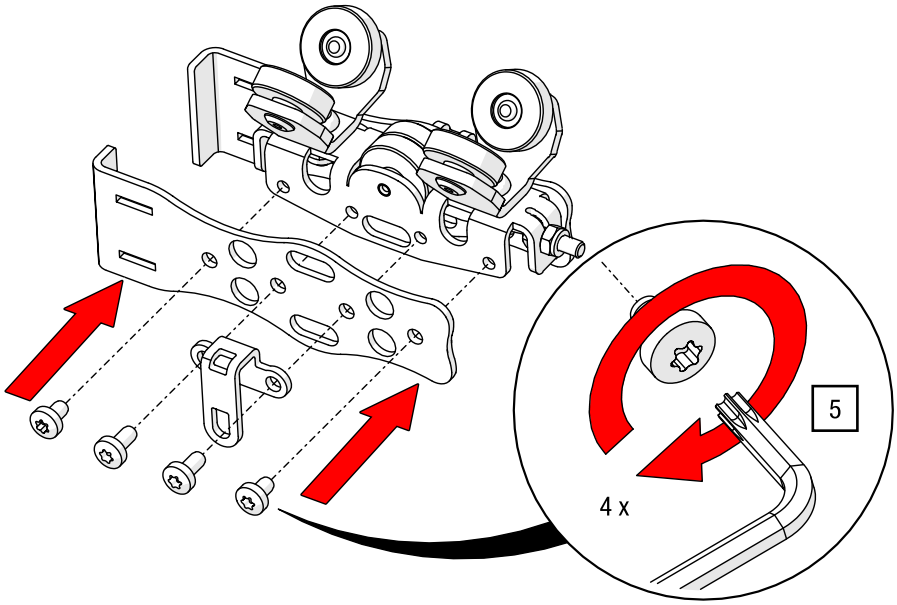


Fig. 65: Master runner with add-on brake – Side plate and eyelet plate mount

Mounting the opposite side plate and brake unit

5. Screw the master runner to the side plate, the brake unit and the lateral eyelet plate using a TORX®-key T20 until the plate is flush with the master runner (see Fig. 66).

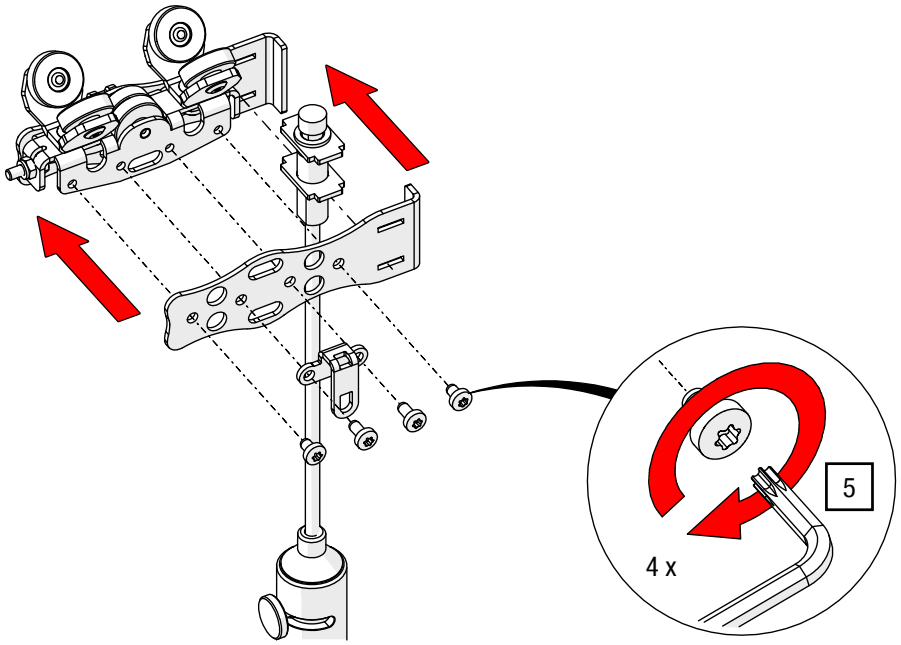


Fig. 66: Master runner with add-on brake – Mount opposite side plate with brake

✓ The master runner is fully assembled (see Fig. 67). The magnet plate is attached after hanging the outer layers (see also *Chapter 5.8.2 Attaching outer layers to OFFICE master runners* [▶ p. 92]).

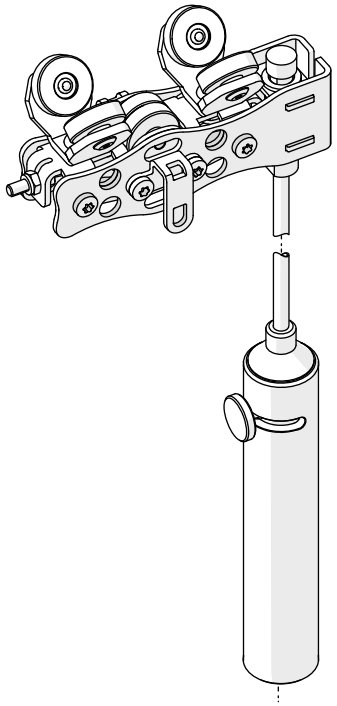


Fig. 67: Completed conversion to OFFICE master runner with add-on brake

5.3.5 Retrofitting double-wheel runner

Information and notes on engaging and disengaging

The double-wheel runners can be retrofitted into the assembled track layout. This eliminates the otherwise necessary task of removing end stops, taking off preceding runners, and potentially disengaging the curtain. A defective runner can be replaced directly in its position.

Retrofitting and disengaging the double-wheel runners generally leads to wear. Only carry out this process, when necessary, as repeated engagement and disengagement can reduce the service life of the double-wheel runners.

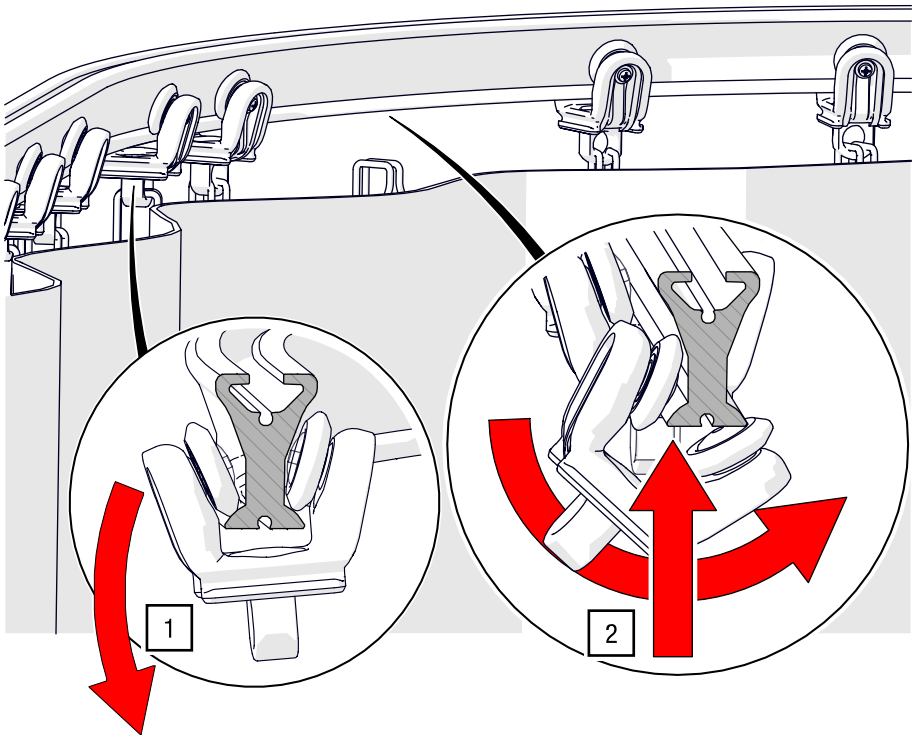


Fig. 68: Retrofitting double-wheel runner

Disengaging double-wheel runner

1. Disengage the existing double-wheel runner by positioning it diagonally and pulling it downwards (see Fig. 68).

Engaging double-wheel runner

2. Take the new double-wheel runner, push it diagonally onto the profile, and turn it in the direction of inclination until it clicks into place (see Fig. 68).
3. Then hang the curtain back onto the double-wheel runner using the desired attachment method.

5.4 Installing top cord operation (TCO)

5.4.1 Basic procedure

The following shows the mounting of a two-part curtain on a single track. The variant with a two-part curtain on a double track layout is identical; corresponding deviations are shown in *Chapter 5.4.2 Double track layout* [▶ p. 73]. The assembly steps or track layouts may differ from the illustrations depending on the product purchased.

Required Materials / Tools

Quantity	Materials / Tools
1	G-TRACK return pulley – Item no. 31080 00831
1	G-TRACK head pulley – Item no. 31080 00811
Quantity according to order	G-TRACK track suspension TCO Item no. 31080 08031
Quantity according to order	G-TRACK straight track cord guide Item no. 31080 03871
Length according to order	Polyester rope 6 mm – Item no. 41040 01163
1	Hexagon socket key (hex key) AF 2.5 (not included)
1	Hexagon socket key (hex key) AF 3 (not included)
1	Open-end wrench AF 8 (not included)

Table 21: Required materials / tools for mounting the top cord operation

Assembly information:
Final cord routing, cord clamping of the loose ends, suspension positioning

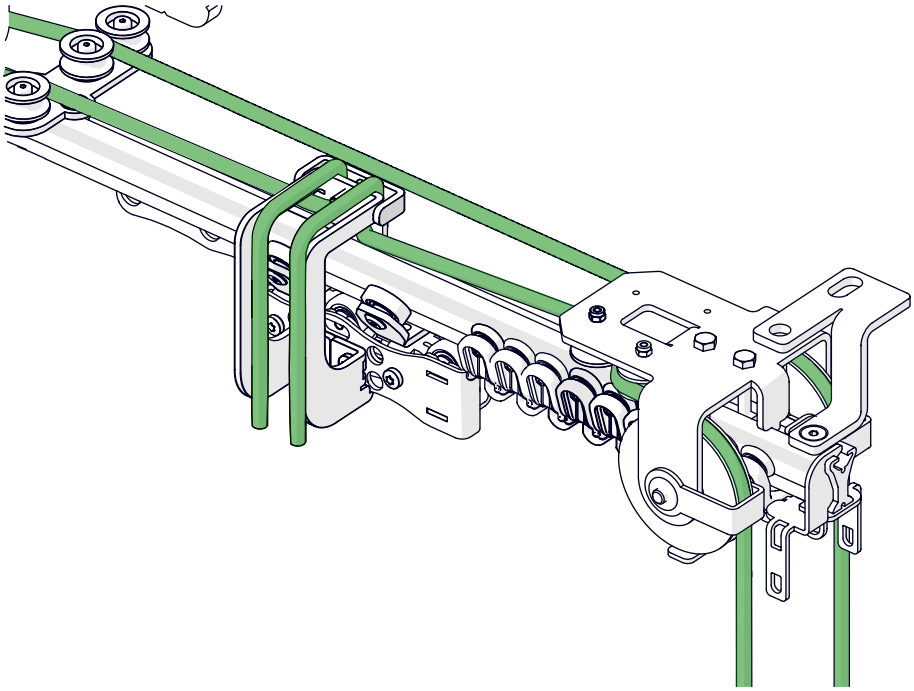


Fig. 69: Top cord operation – Final cord routing at the head pulley and clamping of the loose ends

Assembly information:
Final cord routing with clamping on the master runner and positioning of the suspensions

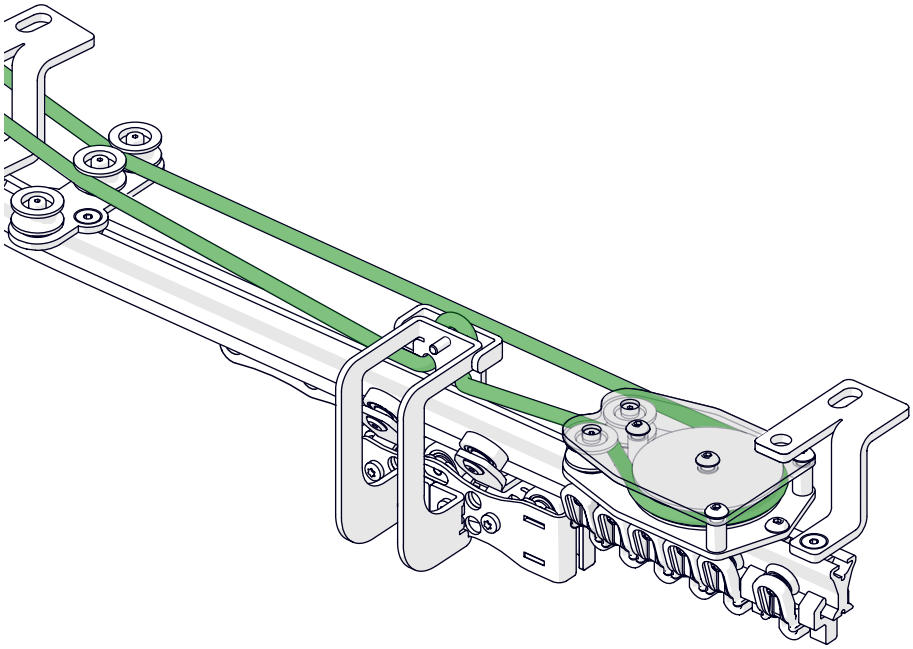


Fig. 70: Top cord operation – Final cord routing at the return pulley

Mounting cord guide

1. Mount the track with suspensions, track splices and overlap plates according to *Chapter 5.2 Installing track system and suspensions* [▶ p. 31].
2. Position the pre-assembled return pulley at one track end and tighten the screws with the slot nuts positioned in the track profile using a hex key AF 3 (see Fig. 71).

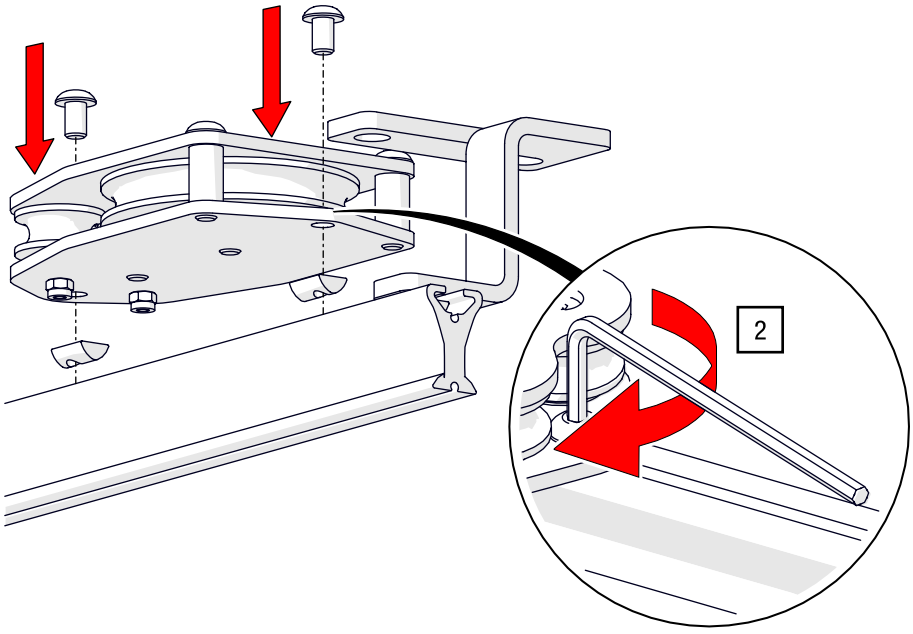


Fig. 71: Top cord operation – Mount return pulley

3. Position one of the supplied cord guides in each of the curves close to the suspensions, distribute the rest along the track bend (double roller on the opposite side of the cord clamp) and tighten the screws using a hex key AF 3 (see Fig. 72).

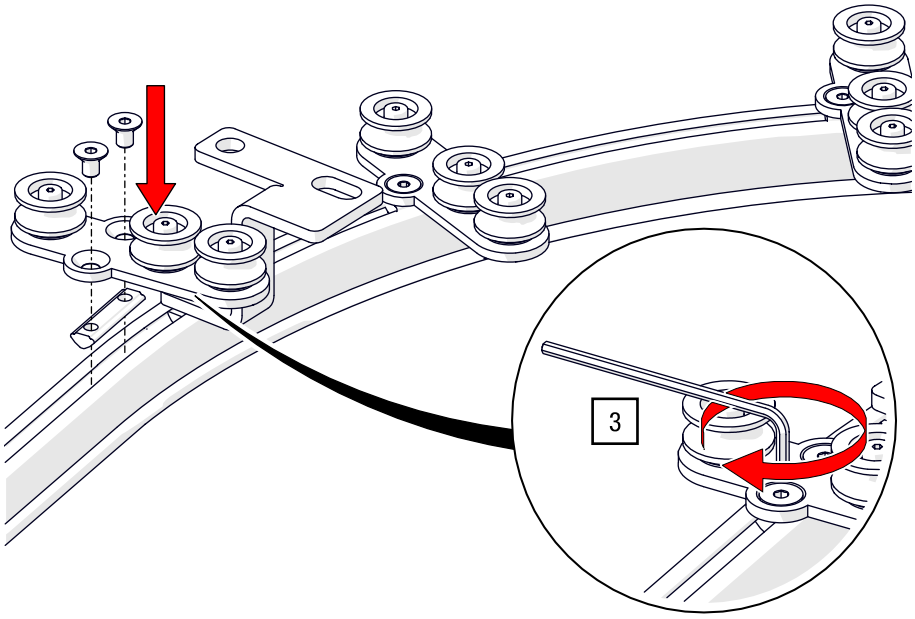


Fig. 72: Top cord operation – Mount cord guide for curve

Double track layout:

Deviating procedure – see *Chapter 5.4.2 Double track layout* [▶ p. 73] – step 1 (only applies to this step).

4. Mount additional cord guides to set up a track change that guides the cord to the opposite side from the cord clamp (the following Fig. 73 shows the variant for a two-part curtain and single-track layout).

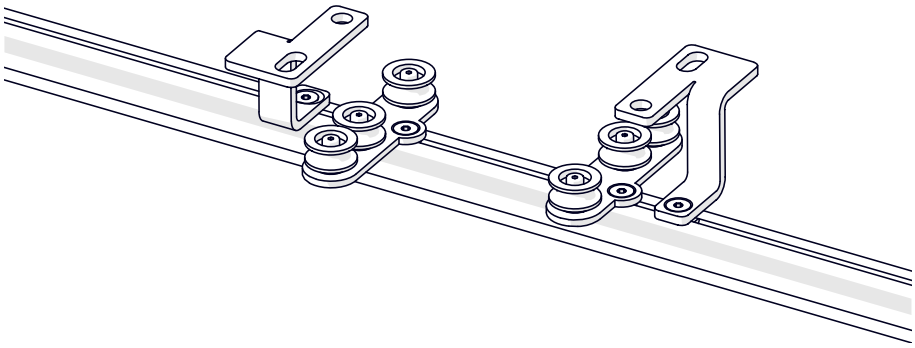


Fig. 73: Variant Ⓐ – Top cord operation – Mount guide rollers for track change

5. Position one of the straight cord guides near each suspension, distribute the rest along the remaining straight track section (protruding side on the opposite side of the cord clamp) and fasten the cord guides using a hex key AF 3 (see Fig. 74).

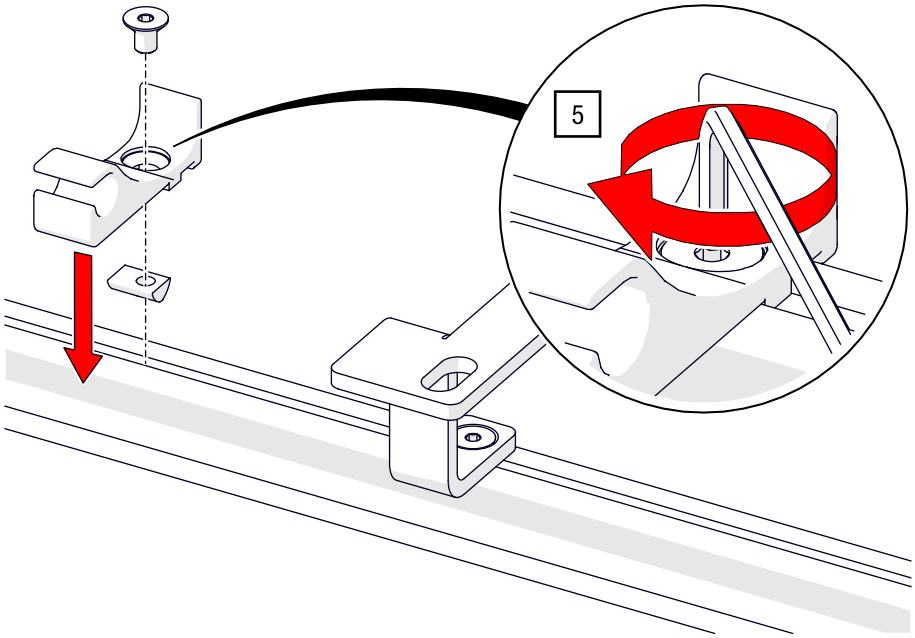


Fig. 74: Top cord operation – Mount straight cord guide

Fastening deflection pulley

6. Position the deflection pulley at the desired position and mount it using an open-end wrench AF 8 (see Fig. 75).

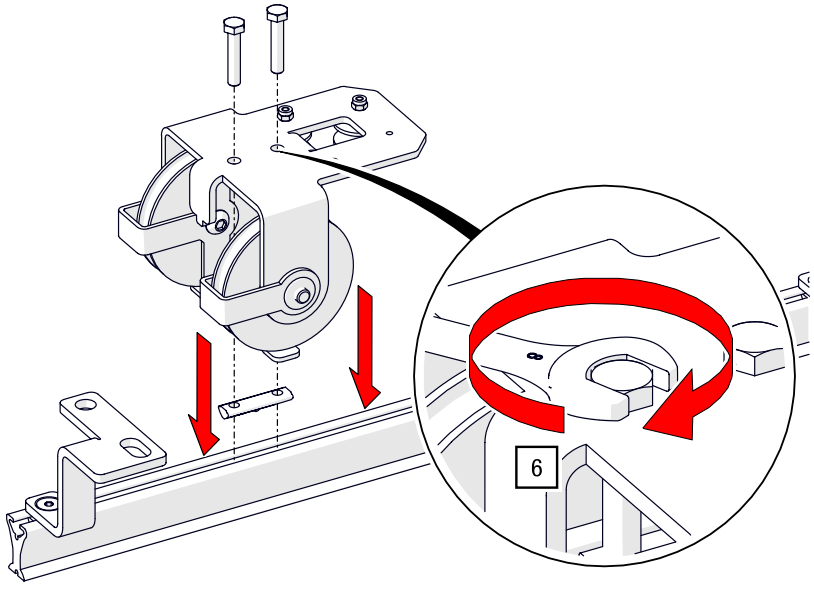


Fig. 75: Top cord operation – Mount deflection pulley

Thread master runners and runners and close track

7. Close one end of the track with an end stop according to *Chapter 5.2.10 Variable end stop* [▶ p. 49] or *Chapter 5.2.11 Variable end stop with curtain mounting* [▶ p. 50].
8. Thread the master runners and runners onto the track in the order required for the project.

9. Close the second track end.

Insert first cord end

10. For a two-part curtain, push the master runners and runners together as far as possible in the parking area on each side (see Fig. 76).

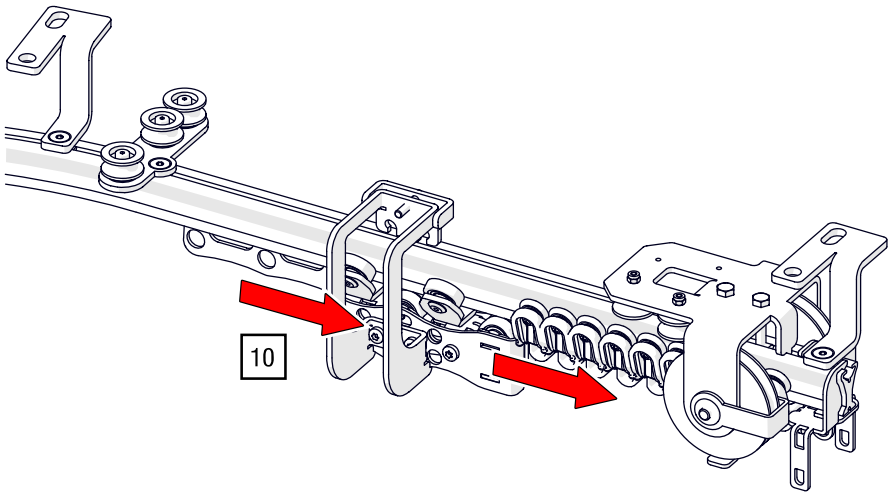


Fig. 76: Top cord operation – Push runners together

11. Thread the cord upwards through the deflection pulley (see Fig. 77).

The cord ends are always clamped to the master runner located at the track end with the deflection pulley (see infographic at the beginning of the Chapter – Fig. 69 [▶ p. 64]).
Threading the cord into the cord path begins on the opposite side of the cord clamp (for the cord ends).

12. Guide the cord past the first master runner through the cord guides for curved track layout and through the straight cord guide (see Fig. 77).

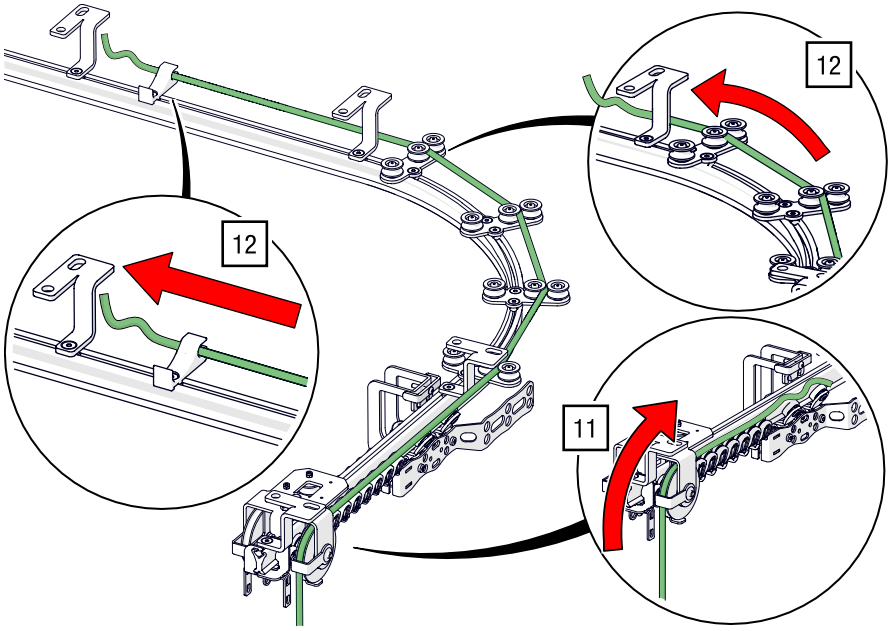


Fig. 77: Top cord operation – Guide cord through deflection pulley and cord guide

Double track layout:

Deviating procedure – see *Chapter 5.4.2 Double track layout* [▶ p. 73] – step 2 (only applies to this step).

13. Guide the cord end through the two return pulleys onto the second track run (the following Fig. 78 shows the variant for a two-part curtain and single-track layout).

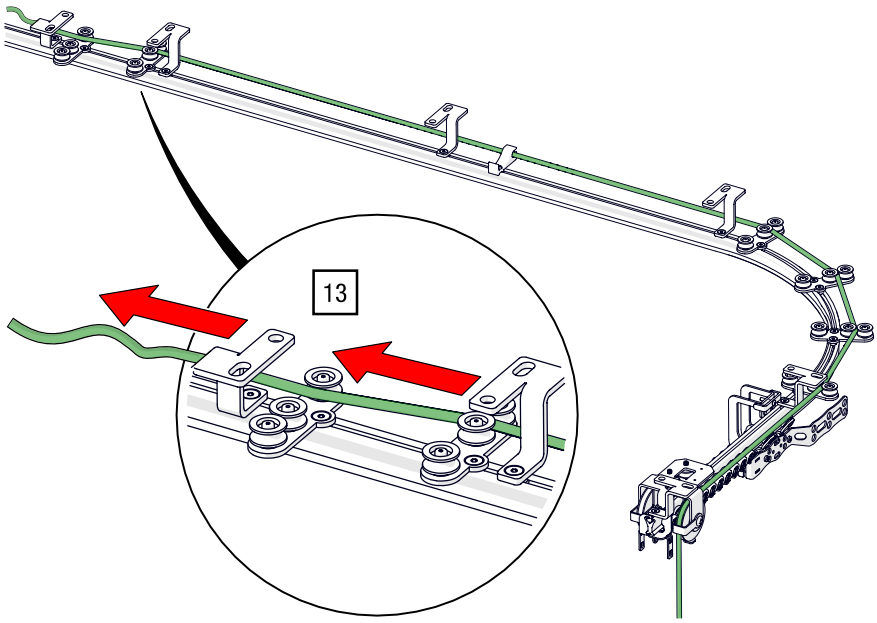


Fig. 78: Variant Ⓐ – Top cord operation – Guide cord through track change

14. Guide the cord end through the following cord guides (see Fig. 79).
15. Guide the cord end along the inside of the guide rollers through the return pulley (see Fig. 79).

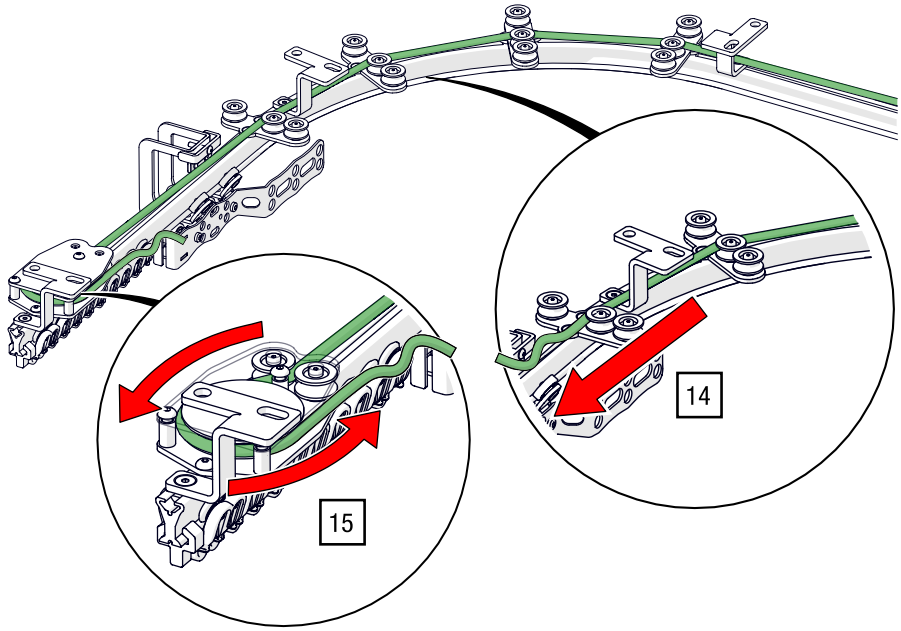


Fig. 79: Top cord operation – Guide cord end through the return pulley into the master runner (return pulley shown without cover plate).

Double track layout:

Deviating procedure – see *Chapter 5.4.2 Double track layout* [▶ p. 73] – step 2 (only applies to this step).

16. Guide the end of the cord through the straight guides and through the track change back to the side of the master runner to be clamped (following Fig. 80 shows variant for two-part curtain and single-track rail layout).

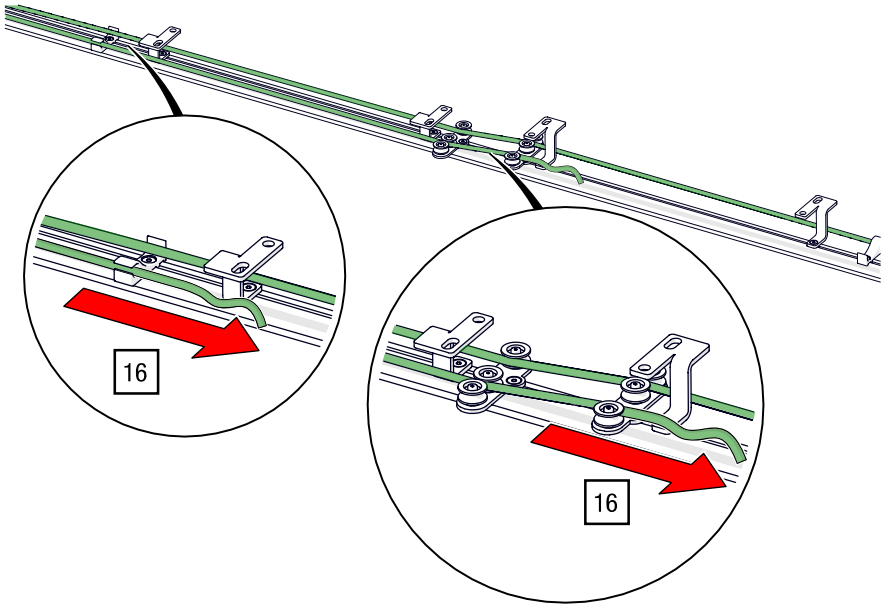


Fig. 80: Variant Ⓐ – Top cord operation – Returning the cord through track change

17. Insert the cord end into the clamping unit on the master runner on one side and secure it to the sheet metal at several positions with four tie wraps (see Fig. 81).

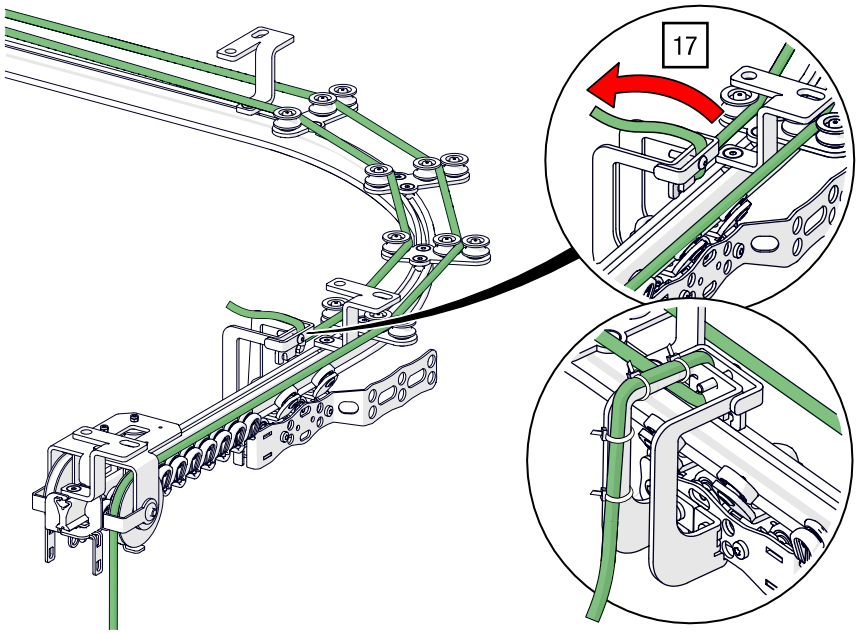


Fig. 81: Top cord operation – Insert cord end into master runner on one side

Insert second cord end

18. Attach a drive designated for your track system below the head pulley in accordance with *Chapter 5.5 Installing counter-tension pulley* [▶ p. 74].
19. Guide the second cord end up through the head pulley to the first master runner and tie it to the master runner at several positions with tie wraps (see Fig. 82).

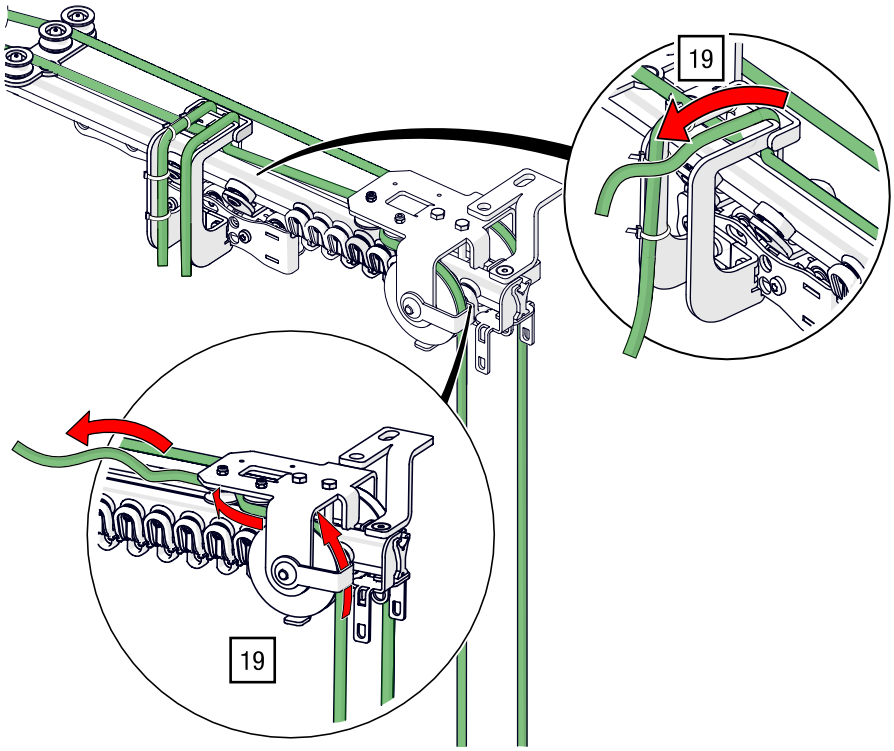


Fig. 82: Top cord operation – Guide cord ends into master runner via head pulley

20. Clamp both cord ends in the second master runner using a TORX® key T30 and 11 Nm and (see Fig. 83).

After the clamp there should be still enough length for the cord-end to readjust the cord operation system, if necessary.

21. Cut off the ends and burn them, so that the rope does not unravel (see Fig. 83).

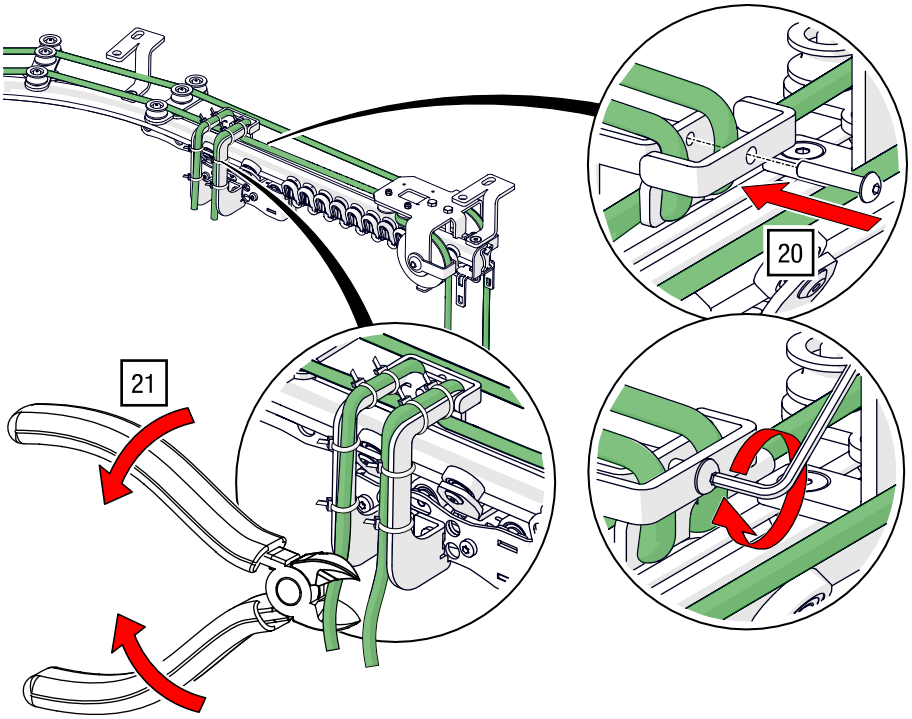


Fig. 83: Top cord operation – Fasten, cut, and burn the ends of the cord

22. Clamp the cord in the second master runner by tightening the screw with a TORX® key T30 (see Fig. 84).

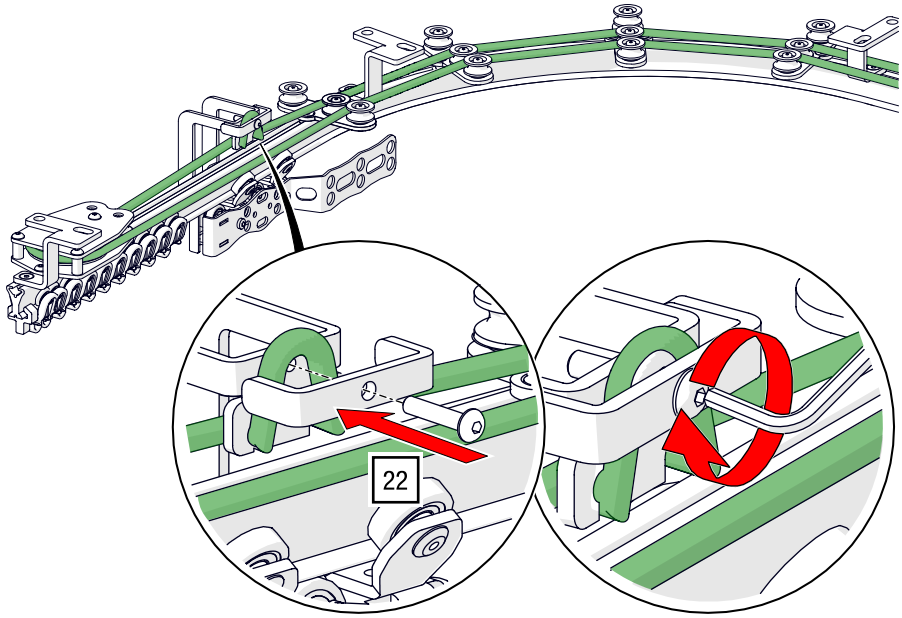


Fig. 84: Top cord operation – Clamp the cord to the second master runner

5.4.2 Double track layout

Procedure

This Chapter describes the deviating steps from the basic procedure for a double track system.

All steps not described in this Chapter correspond to the basic procedure Ⓐ (see *Chapter 5.4.1 Basic procedure* [▶ p. 64]).

Deviating steps from Ⓐ

1. Mount additional cord guides to guide the cord onto the second track run (see Fig. 85).

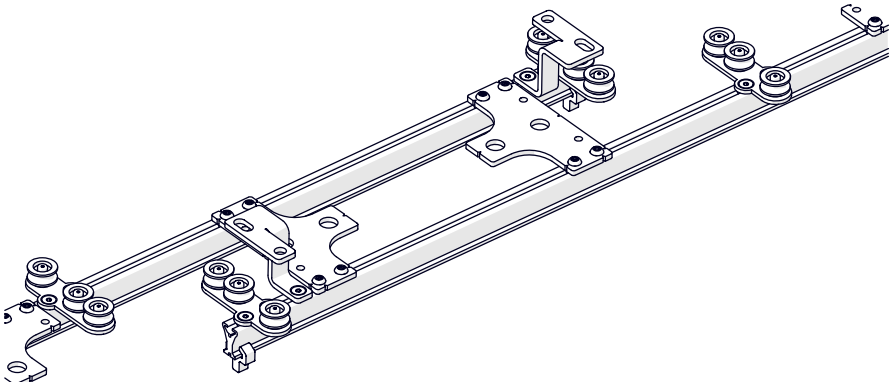


Fig. 85: Variant Ⓑ – Top cord operation – Double track system

A small deflection angle reduces transverse forces and wear in the cord run. Approximately 30° is considered a practical guideline value, even if this angle cannot be achieved in all installation situations due to design constraints of individual products – such as deflection and return pulleys as well as track layouts. Therefore, position the cord guides so that the deflection angle is kept as small as possible within the technical constraints.

2. Guide the cord through the straight guides and the track change onto the second track section. Then continue with the basic procedure according to *Chapter 5.4.1 Basic procedure* [▶ p. 64].

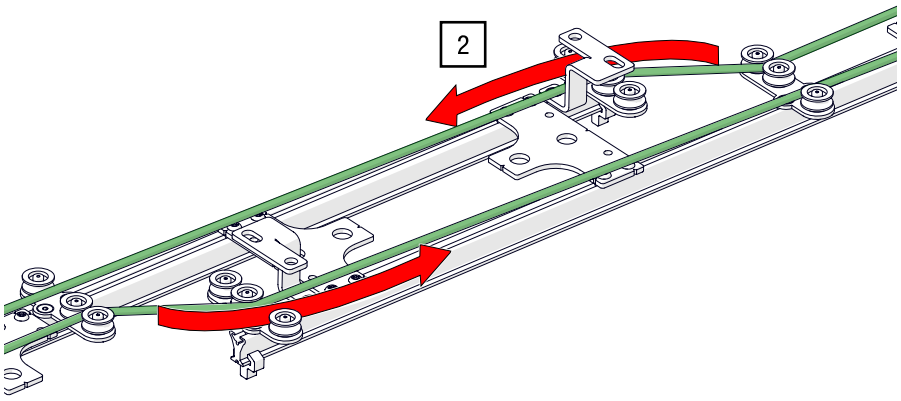


Fig. 86: Variant Ⓑ – Top cord operation in a double track system

5.5 Installing counter-tension pulley

Required Materials / Tools

Quantity	Materials / Tools
1	Counter-tension pulley – Item no. 31080 07071
1	Mounting material suitable for the floor: • E.g. Concrete/screed: drive-in anchor E M6
1	Tool, e.g. Open-end wrench AF 10 (not included)

Table 22: Counter-tension pulley – Required materials and tools

Assembly

1. Screw the counter-tension pulley to the floor at the position exactly vertical below the cord exit of the track using mounting material suitable for the substrate (assembly according to the manufacturer's specifications; example concrete / screed – see Fig. 87).

Only two matching holes are used per side; the remaining holes serve as options for difficult substrates. The mounting bracket can be used as a drilling template, making 6 mm screws suitable.

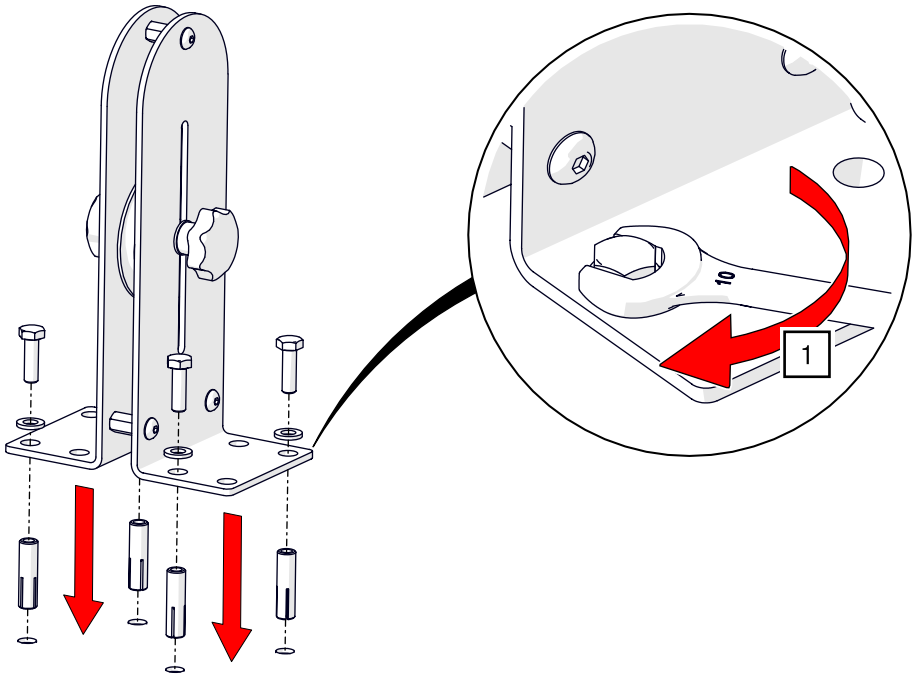


Fig. 87: Screwing counter-tension pulley to the floor

2. Slide the pulley to the highest point by loosening the star grips and tightening them at the highest point.
3. Guide the cord completely through the track layout according to the cord guide variant (see *Chapter 5.4 Installing top cord operation (TCO)* [▶ p. 64]).

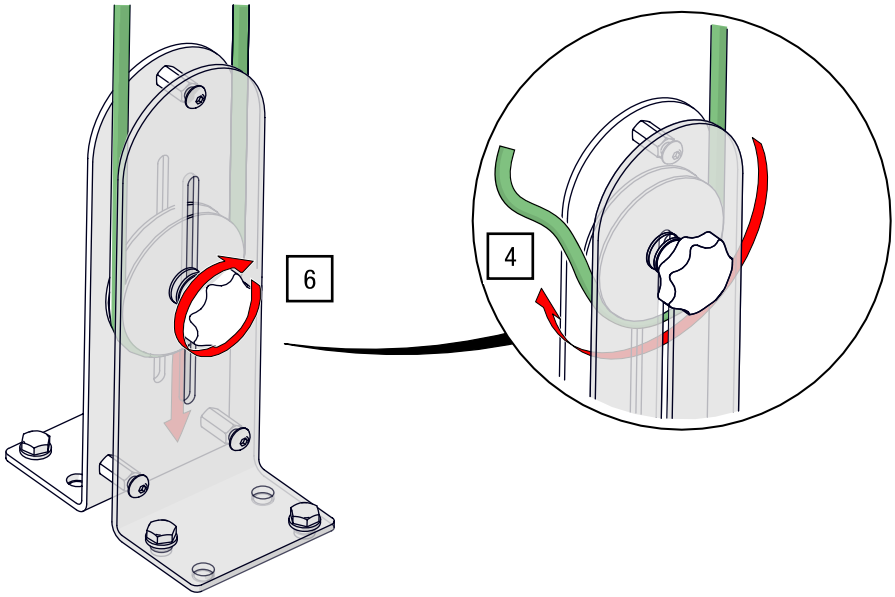


Fig. 88: Guide cord through counter-tension pulley and tension

4. Guide the cord end up through the counter-tension pulley (see Fig. 88)
5. Attach the second cord end to the master runner according to *Chapter 5.4 Installing top cord operation (TCO)* [▶ p. 64]).
6. Loosen the star screws, press the pulley down on the star screws until the desired cord tensioning is achieved and tighten them hand tight.

5.6 Installing Theatre-Interior curtain

The various mounting variants of the Theatre Interior curtain with different fasteners are shown below.
From *Chapter 5.6.2 Curtain mounting points – tie line / anchor shackle* [▶ p. 80] you can find the mounting points for the master runners.

5.6.1 Attaching curtain with tie line

Materials / Tools

Quantity	Materials / Tools
1	Curtain with eyelets
Corresponding to number of eyelets	Cut tie line – Item no. 41040 00003

Table 23: Curtain attachment with tie line – Required materials and tools

Threading tie line into curtain

1. Fold the tie line in half and pull it through the curtain eyelet (see Fig. 89).

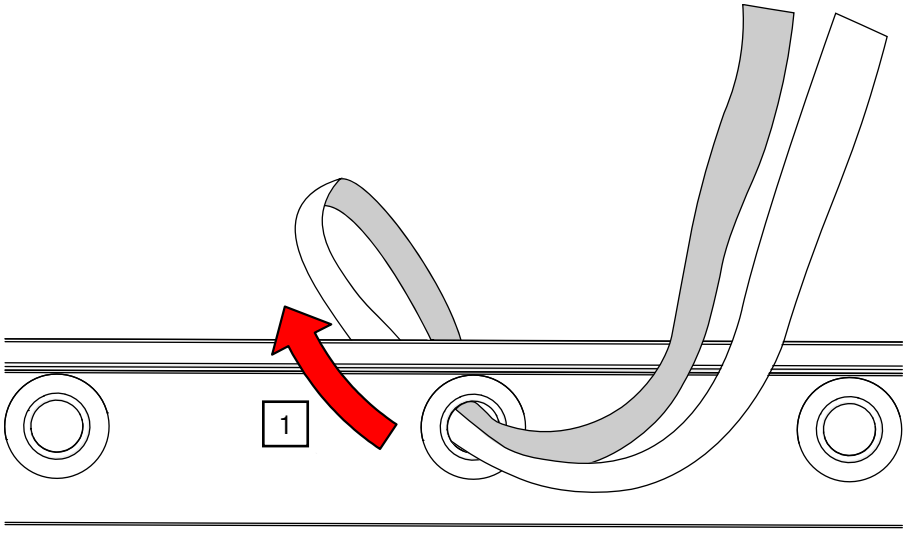


Fig. 89: Tie line – Pull through curtain eyelet

2. Pull both loose ends of the tie line through the newly created loop (see Fig. 90).

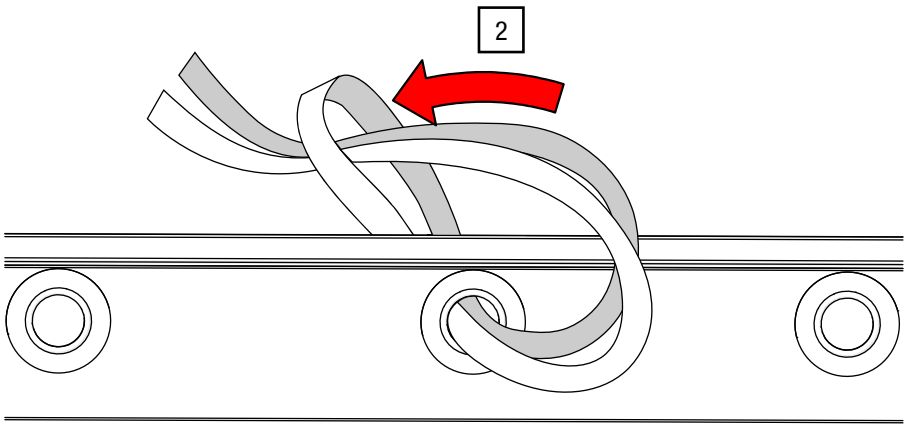


Fig. 90: Tie line – Pull loose ends through loop

3. Pull the line tight and repeat the steps for all curtain eyelets (see Fig. 91).

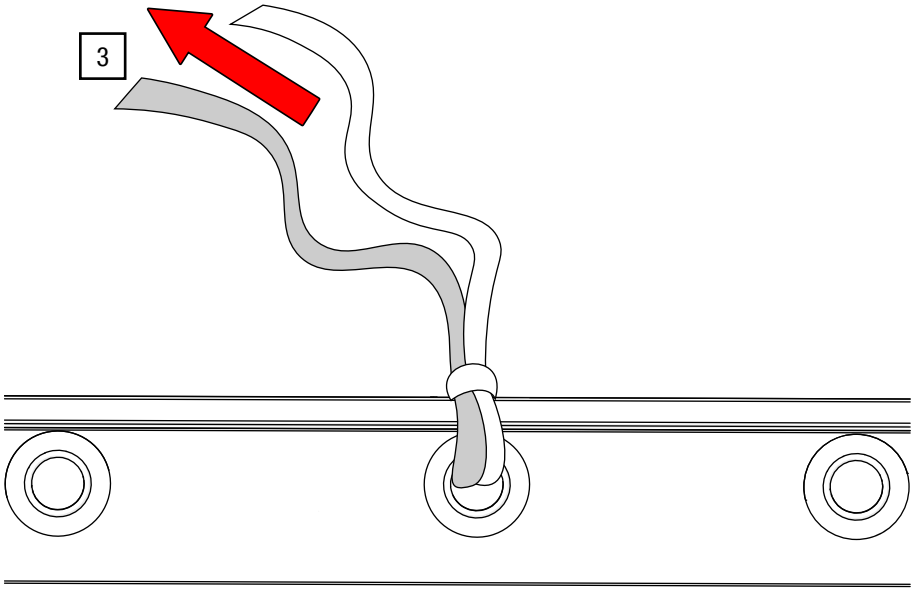


Fig. 91: Tie line – Tighten

Knotting curtain with tie line

4. Pull the two loose ends of the tie line in opposite directions through the eyelet of the G-TRACK runner and set the desired curtain height (see Fig. 92).

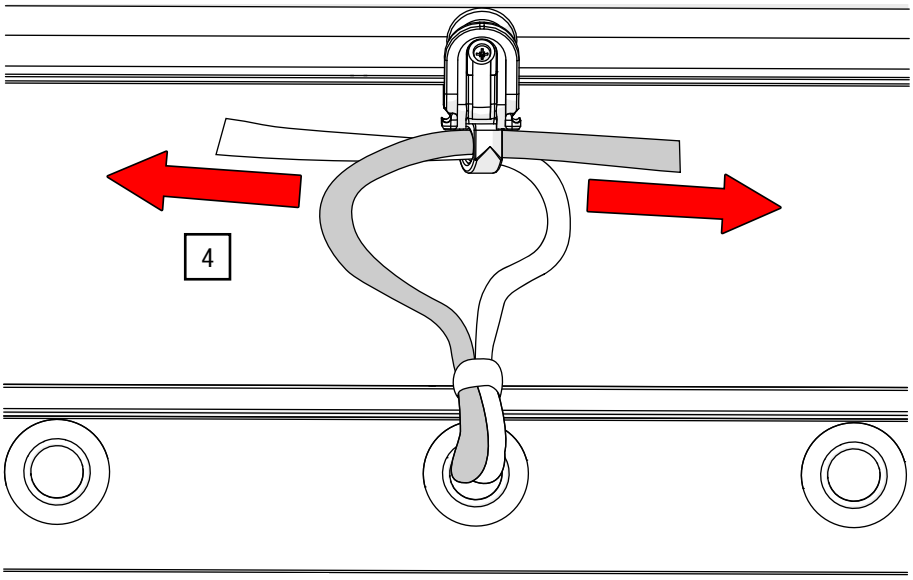


Fig. 92: Tie line – Pull in opposite directions through runner

5. Fold the loose ends back in opposite directions (see Fig. 93).

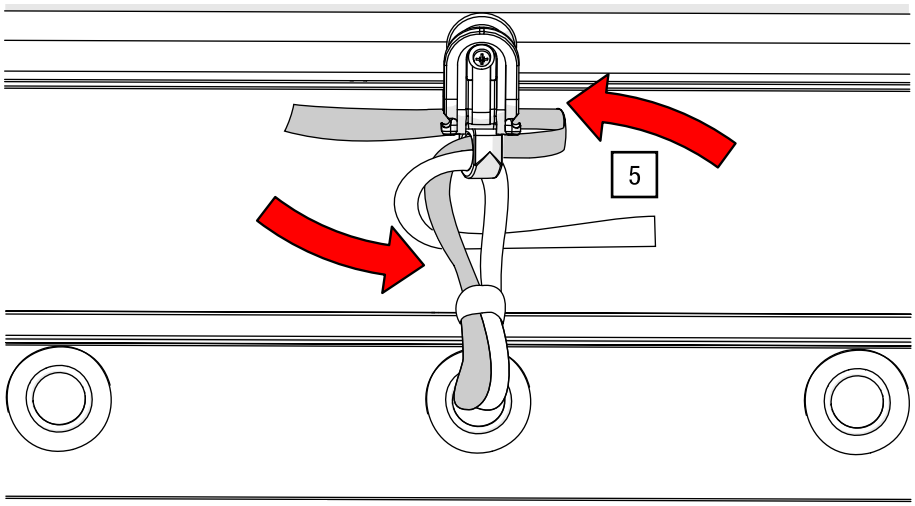


Fig. 93: Tie line – Fold ends back

6. Tie the loose ends crosswise at the front and pull them tight (see Fig. 94).

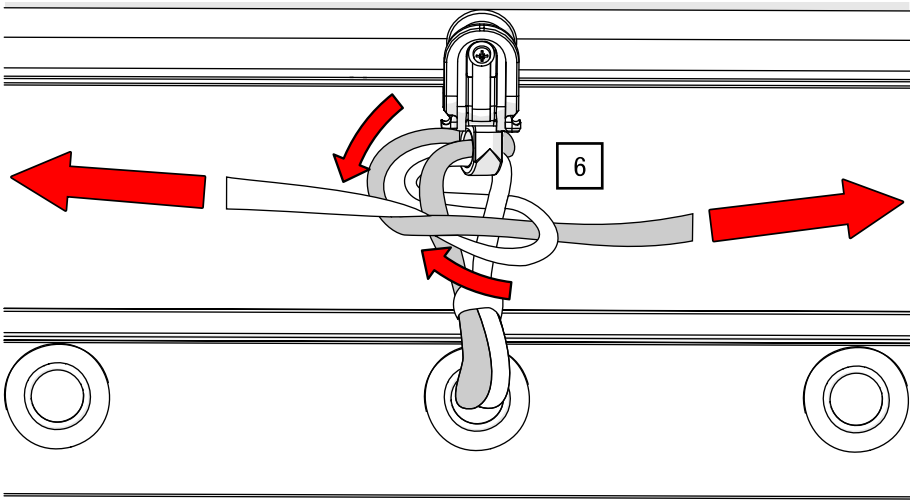


Fig. 94: Tie line – Tie first knot

7. Tie a second knot over the first one and pull it tight (see Fig. 95).

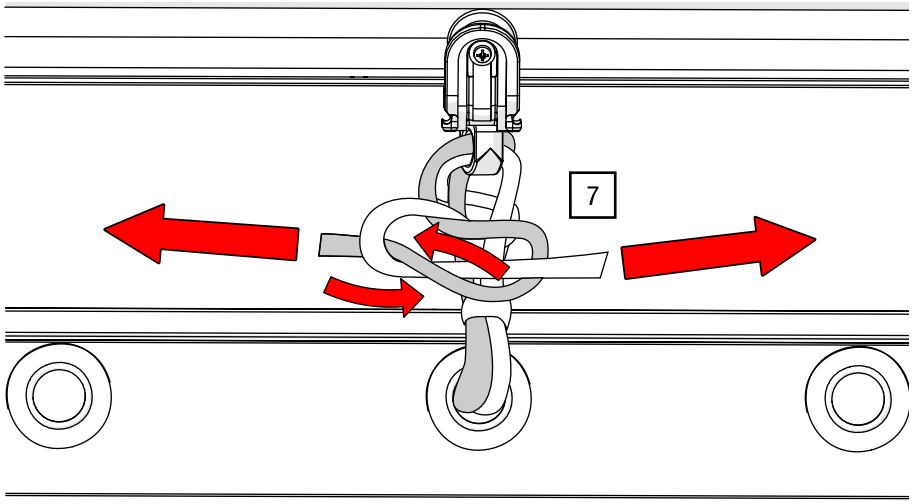


Fig. 95: Tie line – Tie second knot

8. Secure the loose ends by pulling them through the curtain eyelet (see Fig. 96).

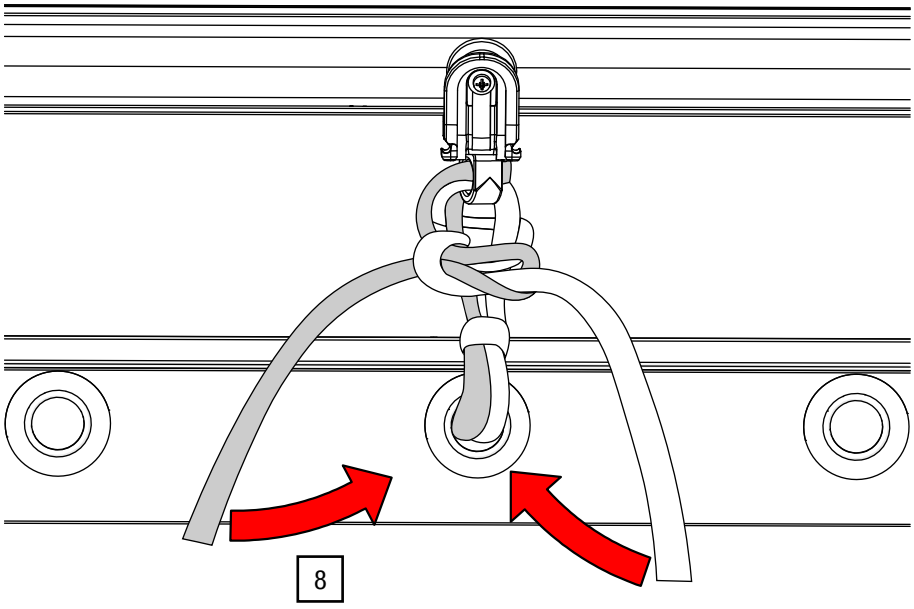


Fig. 96: Tie line – Secure loose ends in curtain eyelet

9. Repeat the steps for all mounting points on the curtain section to be installed.

Observe the specific mounting positions on the master runners (see *Chapter 5.6.2 Curtain mounting points – tie line / anchor shackle* [▶ p. 80]).

5.6.2 Curtain mounting points – tie line / anchor shackle

Below you can see the mounting points on the master runners for the tie line and anchor shackle fasteners.

The positions of the tie lines also correspond to the mounting positions of the soft ties for the Theatre orInterior variant.

Tie line – master runner

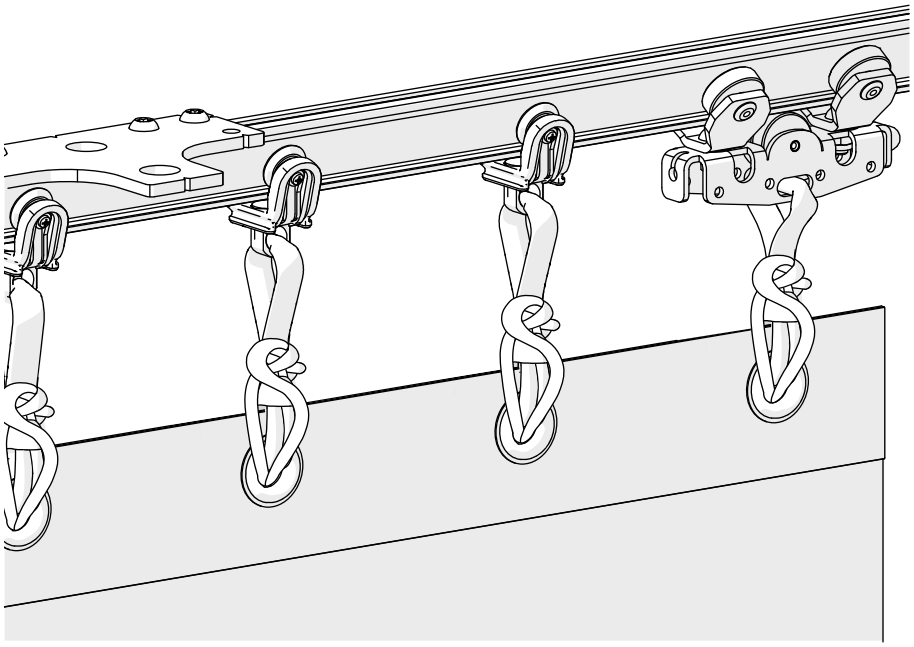


Fig. 97: Tie line – Fastening positions on master runner

Tie line – master runner with overlap arm

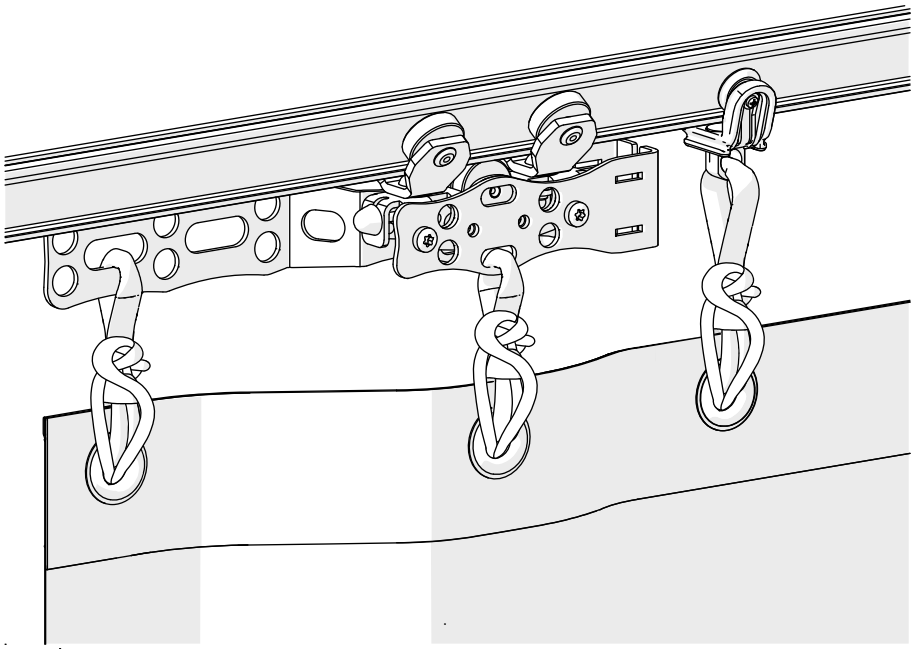


Fig. 98: Tie line – Fastening positions on master runner with overlap arms

Anchor shackle – master runner
Item no. 43020 00501

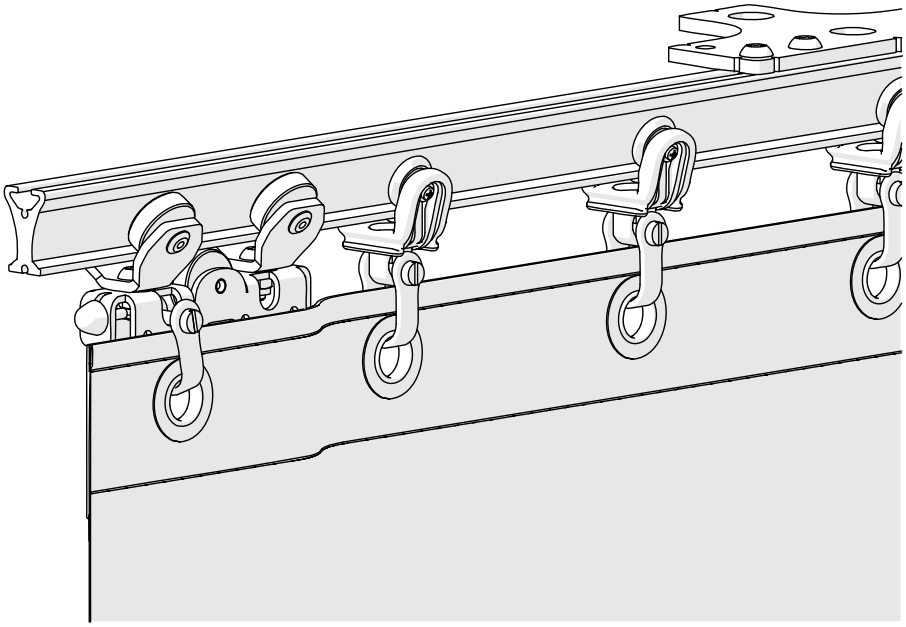


Fig. 99: Anchor shackle – Fastening positions on master runner

5.6.3 Attaching curtain with G-TRACK curtain hooks

Required Materials / Tools

Quantity	Material
According to order	Curtain hook G-TRACK Item no. 31080 00012
According to order	G-TRACK master runner Item no. 31080 0001X
According to order	OFFICE double-wheel curtain runner Item no. 31080 0003X
According to order	G-TRACK master runner with overlap arm pre-assembled according to *Chapter 5.3.1 Master runner overlap arm (Theatre/Interior)* [▶ p. 52].
1	Curtain with pleating tape

Table 24: Theatre-Interior curtain – Required materials and tools for assembly

Mounting curtain hooks into curtain

1. Insert both ends of the curtain hook into one loop of the pleating tape each (see Fig. 100).
2. Push the curtain hook with the ends through the curtain and rotate it by 180° (see Fig. 100).
3. Pull the curtain hook upwards into position (see Fig. 100).

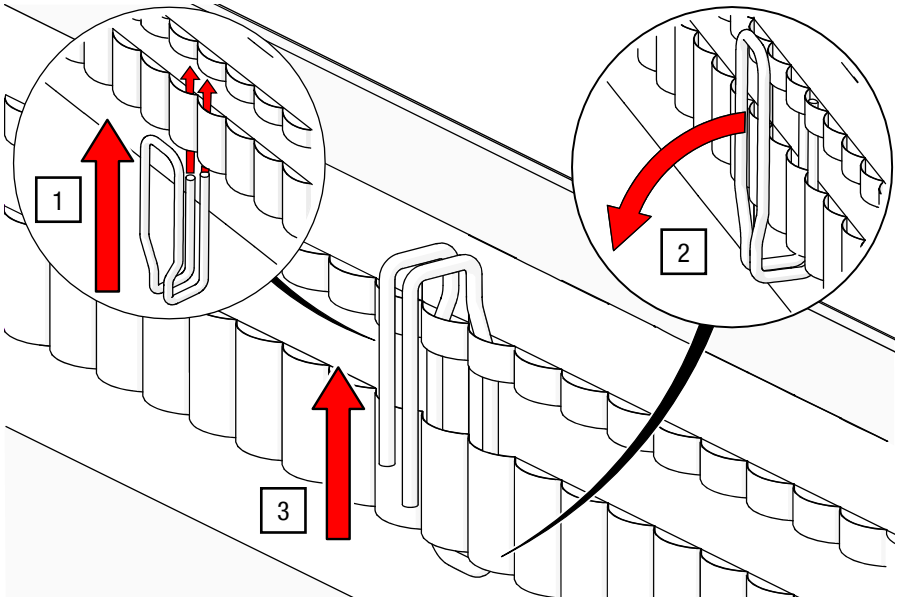


Fig. 100: Curtain hook – Insert into pleating tape (Theatre and Interior)

Hanging curtain hooks into master runner

4. Lift the curtain and hang the curtain hooks into the upper holes of the master runner and into the central mount of the runners (see Fig. 101).

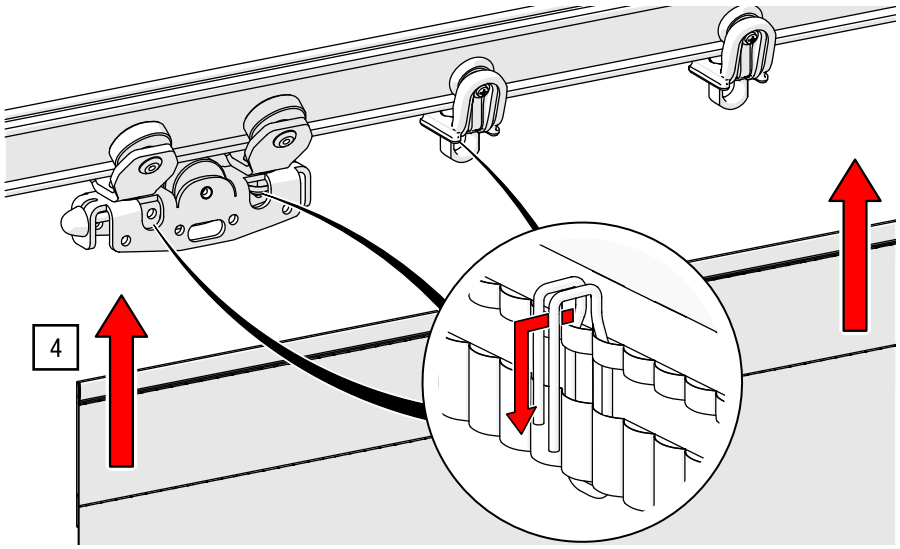


Fig. 101: Curtain with curtain hooks – Hang curtain into master runner overlap arms

Hang curtain hooks into master runner with overlap arms (if present)

5. Lift the curtain and hang the curtain hooks into the upper holes of the master runner with overlap arms (see Fig. 102).

Observe the curtain hook positions according to the order and the markings on the curtain. If necessary, the curtain is folded back at the overlap arm for a clean leading edge.

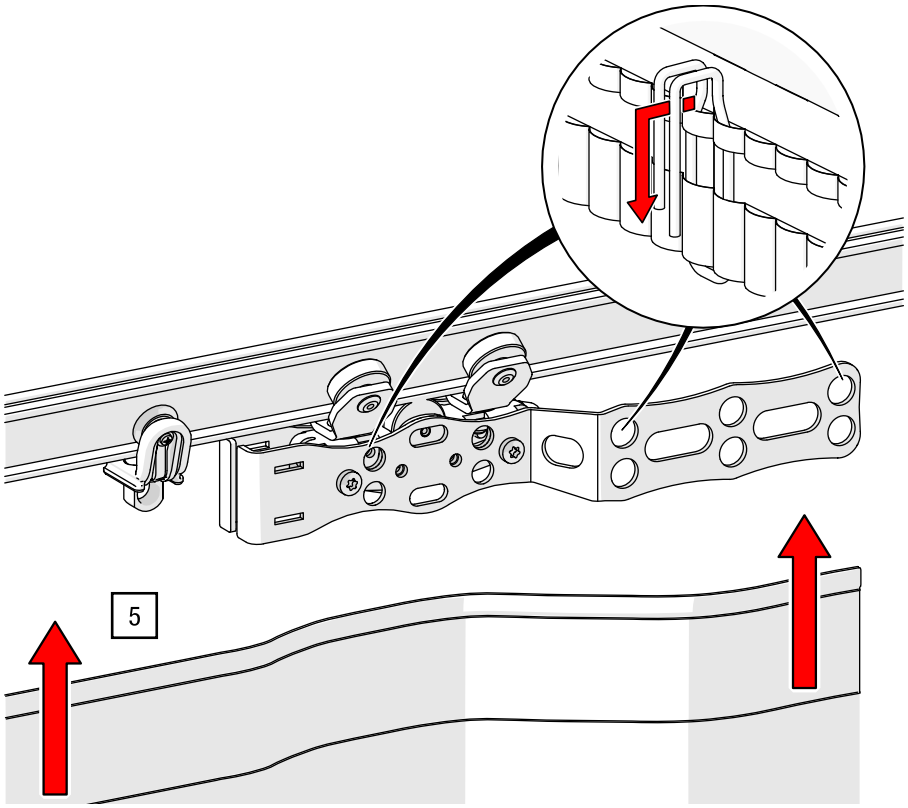


Fig. 102: Curtain with curtain hooks – Hanging into master runner with overlap arms

5.7 Installing inner layers (OFFICE)

The installation of the OFFICE inner layers is shown first with the soft ties and OFFICE double-wheel curtain runners on the G-TRACK system, followed by the corresponding master runner configurations.

➔ Observe the Chapters of the specific soft tie positions for the master runners from *Chapter 5.7.2 Soft tie positions on G-TRACK-OFFICE master runners* [▶ p. 88] onwards.
➔ Always install the inner layers in pairs.
➔ Always install the inner layers flush with the floor.
➔ If there are multiple packs of inner layers (3 + 2), mount the soft side (absorbing) facing outwards.
➔ After installation, tie the inner layers together in a folded state.

When mounting with a wall connection strip, leave the eyelet on the inner layers open at the last runner (see *Chapter 5.9 Installing wall connection strip (OFFICE)* [▶ p. 95]).

5.7.1 Installing and tying inner layers together

Required Materials / Tools

Quantity	Materials / Tools
According to order	• G-TRACK OFFICE master runner with overlap arm pre-assembled according to *Chapter 5.3.3 Master runner double overlap* [▶ p. 57]. • G-TRACK OFFICE master runner without overlap arm overlap arm pre-assembled according to *Chapter 5.3.2 Master runner (OFFICE)* [▶ p. 54]. • G-TRACK OFFICE double-wheel curtain runner Item no. 31080 0003X
1 × every 5 runners	Suitable mounting aid for pre-positioning: • S-hook (approx. 80 × 30 mm; not included) • Alternatively, e.g. soft tie
According to order	Soft tie Type 7 – 180 – double, black
1	Lashing strap (not included)

Table 25: Inner layers – Required materials and tools for assembly

Positioning inner layers

1. Hang the inner layers on every fifth G-TRACK OFFICE double-wheel curtain runner for pre-positioning using suitable mounting material (e.g. S-hook) (see Fig. 103).

Assembly aids, such as S-hooks, can hold the curtain in position during hanging and make installation easier.
Alternatively, the supplied soft ties can be used for pre-positioning.

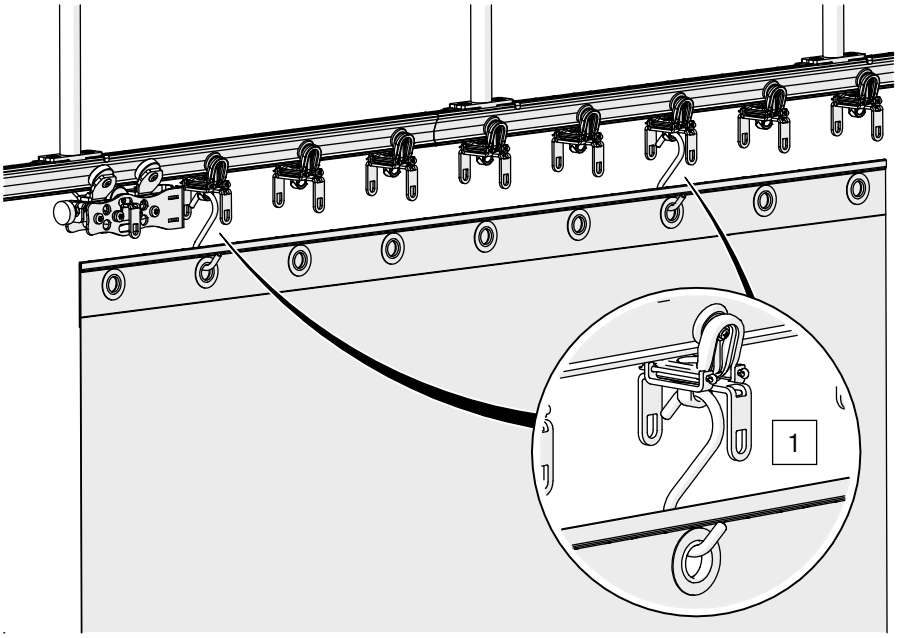


Fig. 103: Inner layers – Pre-position with mounting material (e.g. S-hook)

Inserting soft tie

2. Thread the soft tie into the G-TRACK OFFICE double-wheel curtain runner and feed it through the first hole in the soft tie (see Fig. 104).

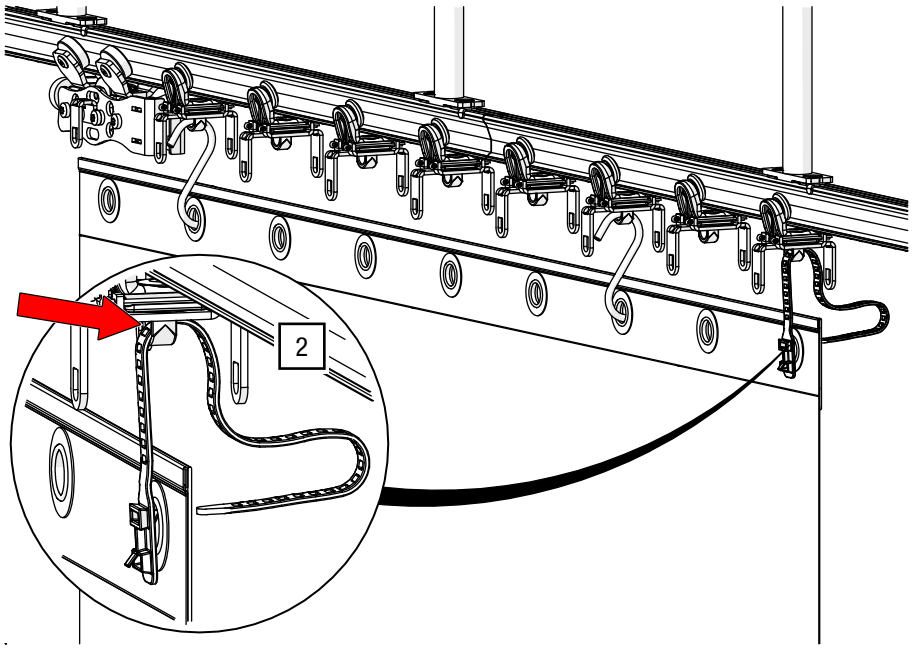


Fig. 104: Soft tie – Thread into G-TRACK OFFICE double-wheel curtain runner

Connecting inner layers with soft tie and G-TRACK OFFICE double-wheel curtain runner-

3. Feed the inner layers onto the soft tie and pull the tab through the first hole in the head of the soft tie (see Fig. 105).

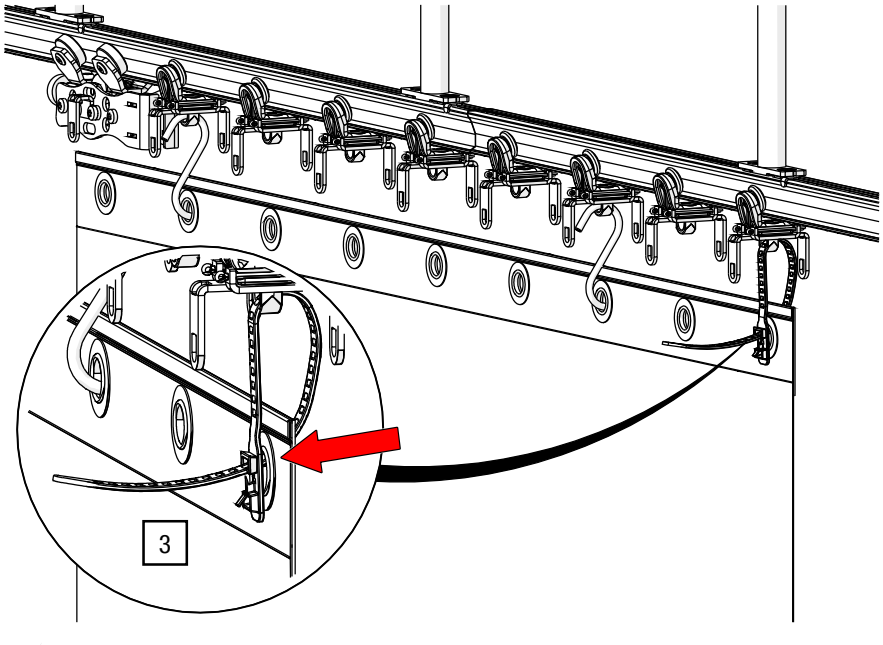


Fig. 105: Inner layers – Connect with soft ties

4. Repeat step 2 and 3 until the inner layers are connected to all G-TRACK OFFICE double-wheel curtain runners and the OFFICE master runners.

When mounting the inner layers, observe the specific soft tie positions of the runner sets from *Chapter 5.7.2 Soft tie positions on G-TRACK-OFFICE master runners* [▶ p. 88] onwards.

5. Adjust the inner layers flush with the floor, close the soft tie, and secure the end in the second hole (see Fig. 106).

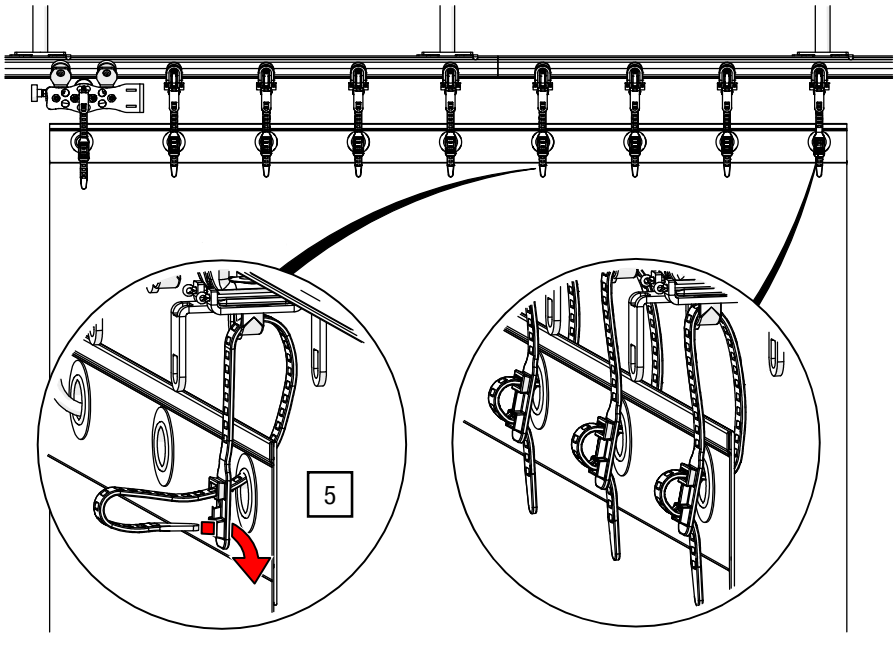


Fig. 106: Inner layers – Close soft tie

Tying inner layers together in a folded state

6. Drape the inner layers into pleats and tie them together with a lashing strap (see Fig. 107).

Ideally, the inner layers should remain tied together overnight. By tying them together, the inner layers are trained into shape, so that the curtain later folds better when drawn.

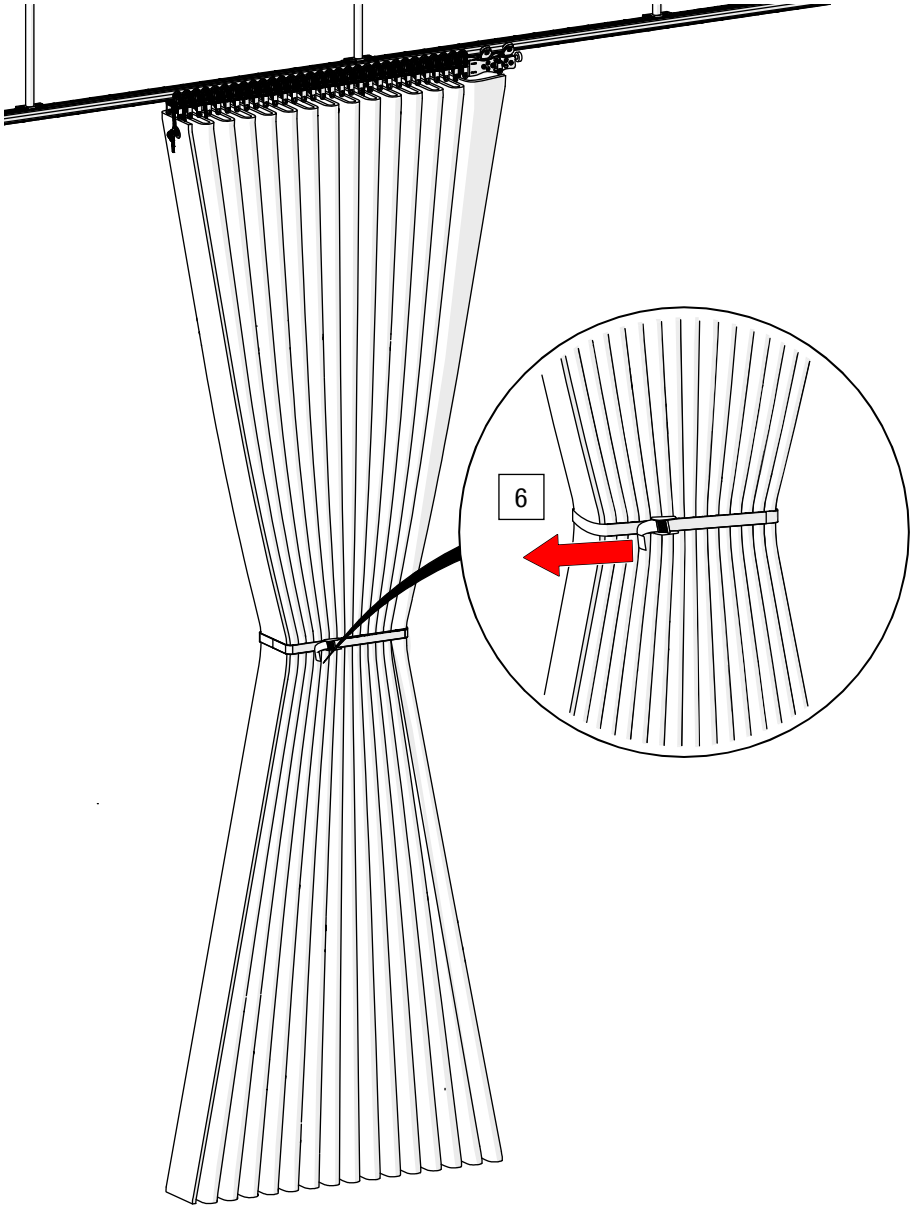


Fig. 107: Inner layers – Tie together in a folded state

5.7.2 Soft tie positions on G-TRACK-OFFICE master runners

The inner layers are attached using a soft tie in the corresponding eyelets on the overlap arms.
The bundled inner layers are secured in the centre of the master runner together with a soft tie so that they hang centrally under the master runner.

Double overlap arm
with add-on set
Item no. 31080 0031X
Assembly see Chapter 5.3.3 Master runner with double overlap arm (OFFICE) [▶ p. 57].

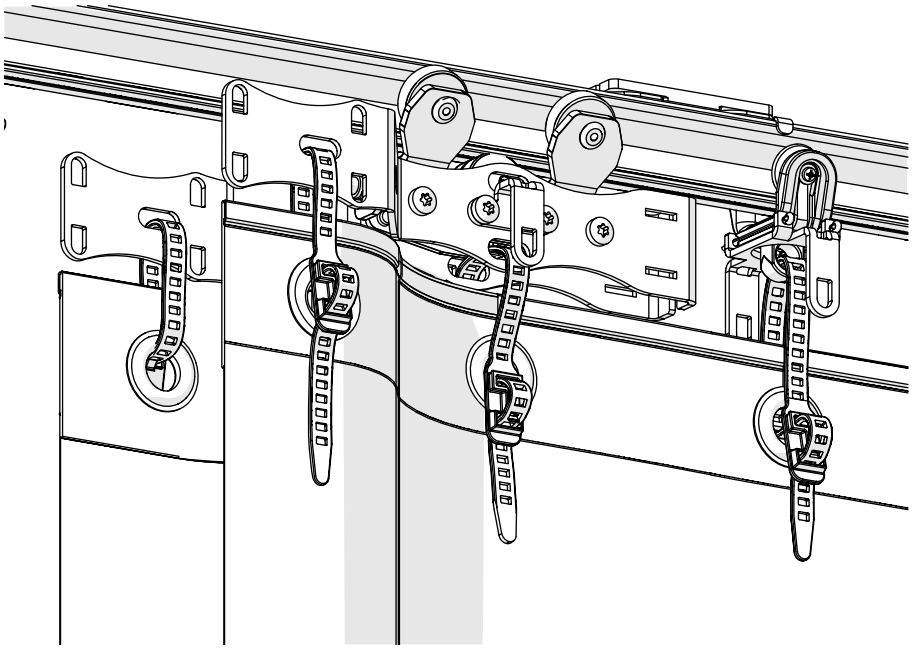


Fig. 108: Soft tie position – Master runner with double overlap arm and mount for magnet catch plate

Without overlap arm
with add-on set
Item no. 31080 0032X
Assembly see *Chapter 5.3.2 Master runner (OFFICE)* [▶ p. 54].

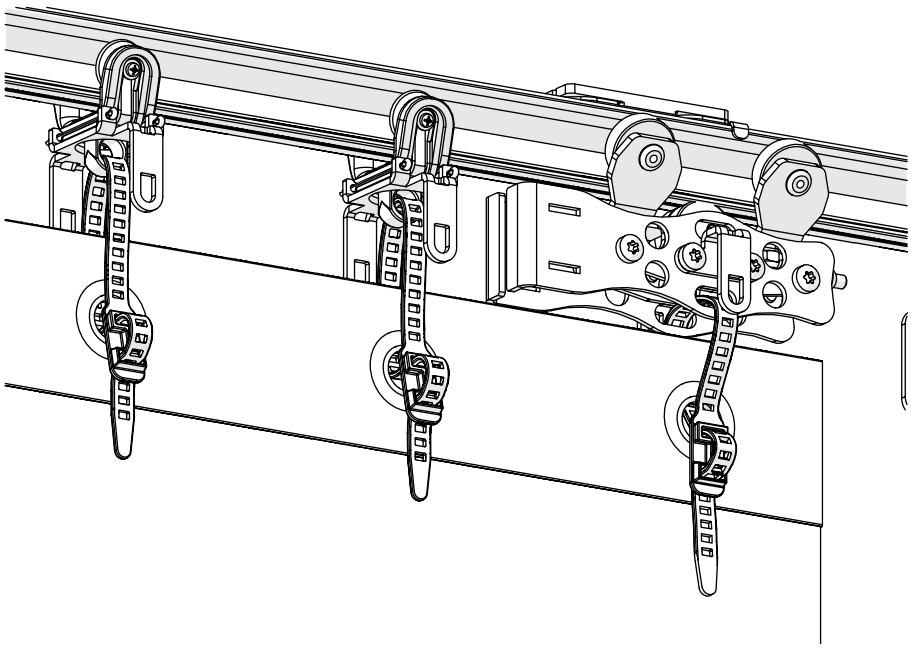


Fig. 109: Soft tie position – Master runner with magnet

5.7.3 Variation of acoustic curtain (3- to 5-layer)

If the acoustic curtain is 3- or 5-layer, the inner layers are only placed and attached along one side of the overlap arms.
On the rear side of the master runner, the inner layers are additionally secured with a soft tie on the opposite eyelet (see Fig. 110).

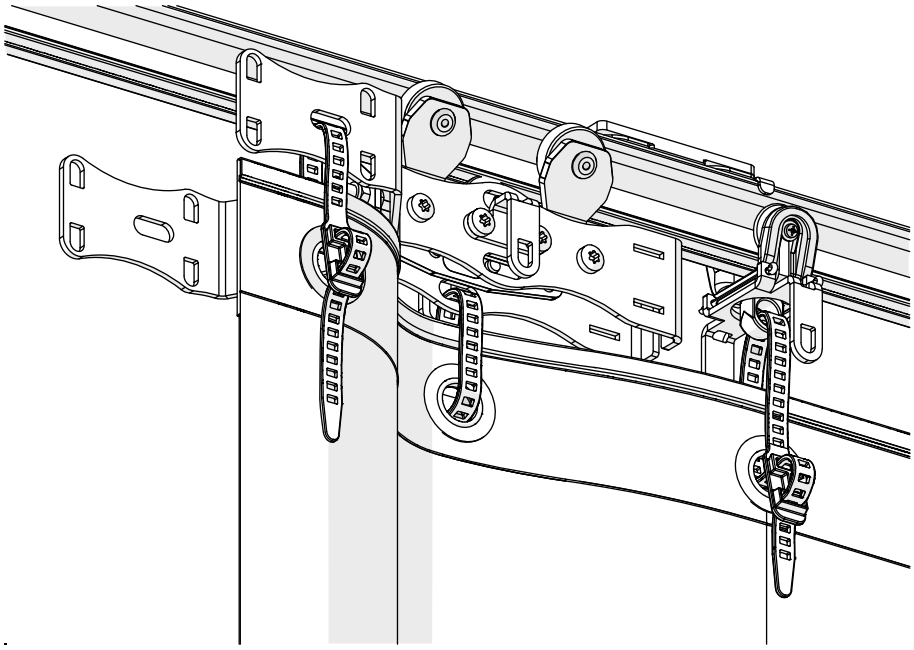


Fig. 110: Soft tie position – Acoustic curtain 3- to 5-layer on master runner with double overlap arm

5.8 Installing outer layers (OFFICE)

Required Materials / Tools

Quantity	Materials / Tools
According to order	• G-TRACK OFFICE master runner with overlap arm pre-assembled according to Chapter 5.3.3 Master runner double *overlap* [▶ p. 57]. • G-TRACK OFFICE master runner without overlap arm overlap arm pre-assembled according to *Chapter 5.3.2 Master runner (OFFICE)* [▶ p. 54]. • G-TRACK OFFICE double-wheel curtain runner Item no. 31080 0003X.
According to order	• Pre-assembled inner layers (see *Chapter 5.7 Installing inner layers* [▶ p. 84]).
According to order	OFFICE insertion hook – Item no. 31000 09016
According to order	Lashing strap (not included)

Table 26: Outer layers – Required materials and tools for assembly

5.8.1 Threading hooks into outer layers

Inserting hooks into pleating tape

1. Press the hook together and push one foot through a loop of the pleating tape until the feet hook onto the opposite side (see Fig. 111).

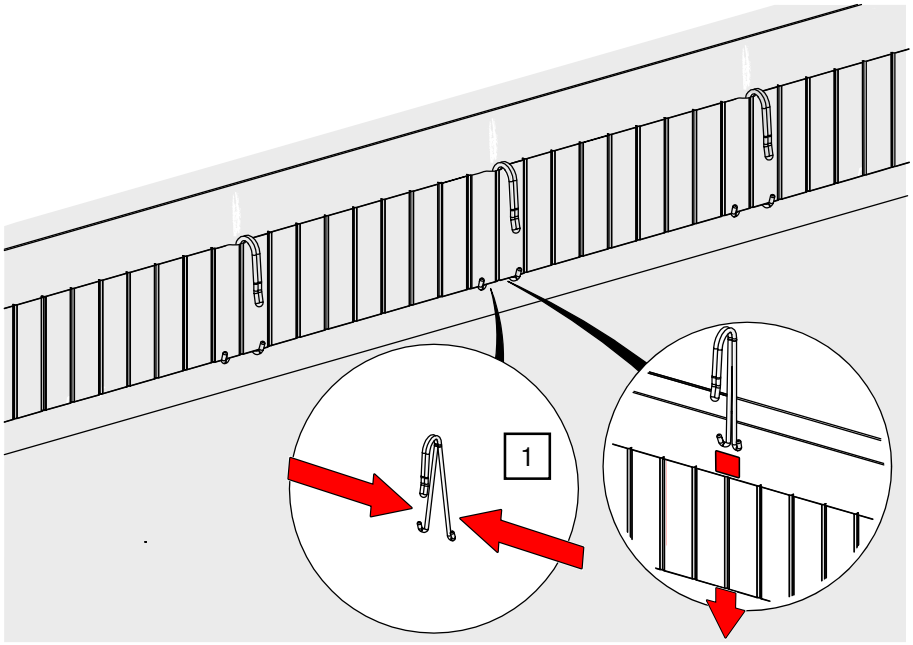


Fig. 111: Outer layers – Insert curtain hook into pleating tape

The hook positions are marked on the pleating tape.

2. Check correct positioning (compare Fig. 112).

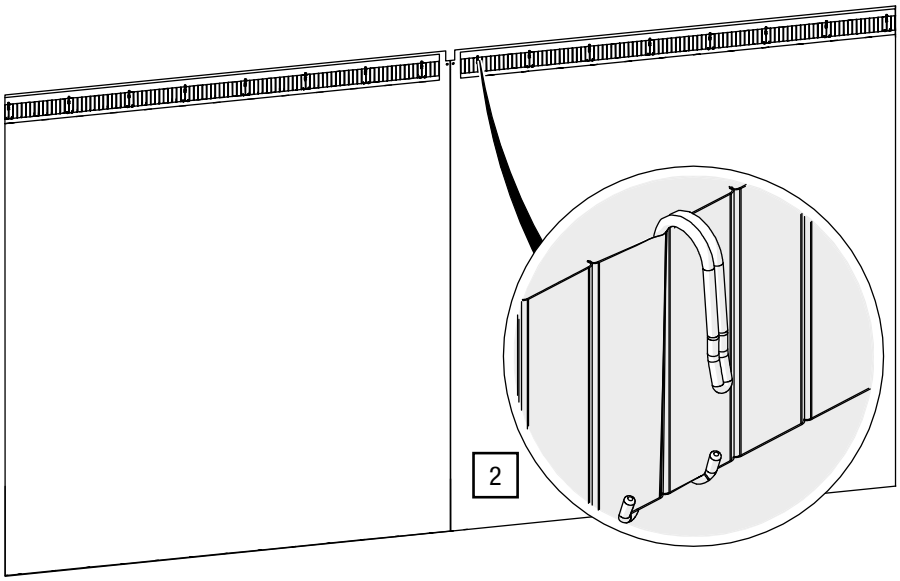


Fig. 112: Outer layers – Position the hooks in the pleating tape.

3. Insert hooks at all marked positions of the outer layer.

5.8.2 Attaching outer layers to OFFICE master runners

1. Lift the outer layers and begin to hang the curtain hooks into the eyelets and overlap arms of the master runners (see Fig. 115 and Fig. 116 respectively Fig. 113 and Fig. 114).
2. Hang the outer layers into the following G-TRACK OFFICE double-wheel curtain runners (see Fig. 114 and Fig. 116).

When mounting with a wall connection strip, leave one hook open on both sides of the last runner (see *Chapter 5.9 Installing wall connection strip (OFFICE)* [▶ p. 95]).

Master runner with double overlap arm

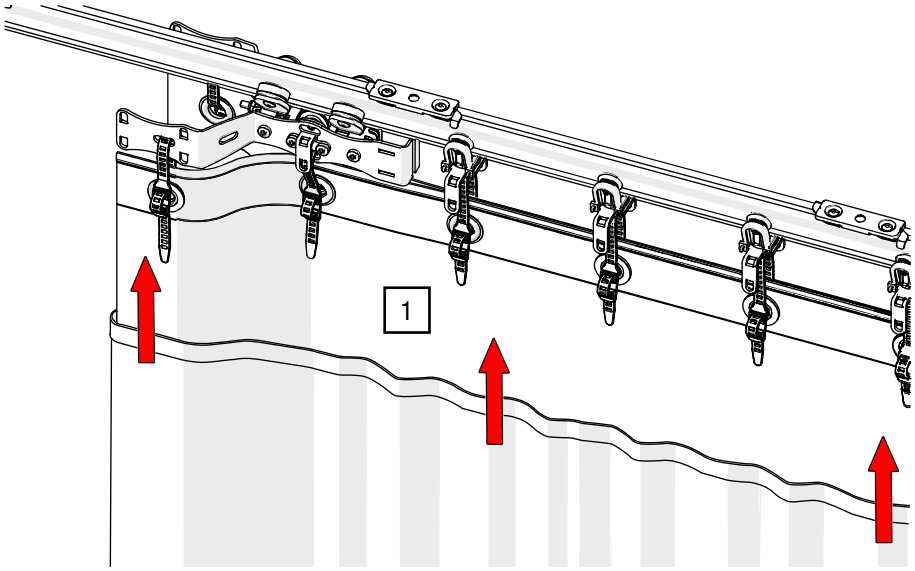


Fig. 113: Master runner with double overlap arm – Lift and position outer layers (1/2)

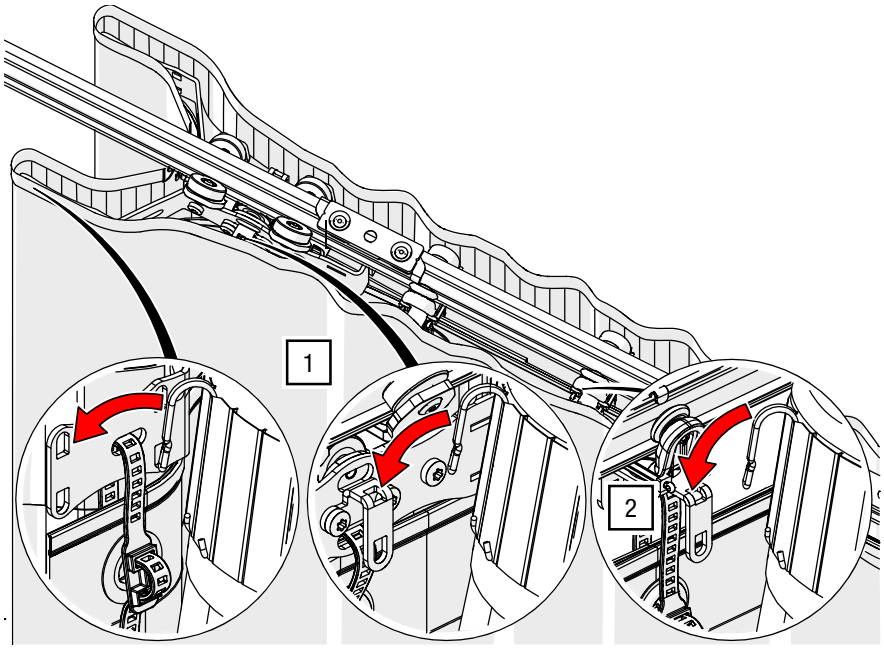


Fig. 114: Master runner with double overlap arm – Hang outer layers (1/2)

Master runner

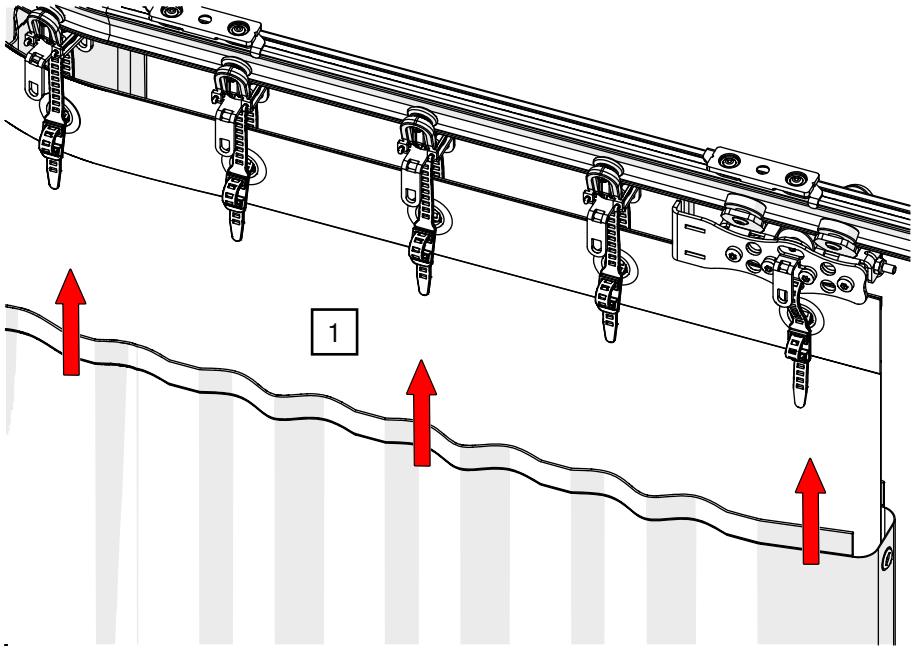


Fig. 115: Master runner – Lift and position outer layers (2/2)

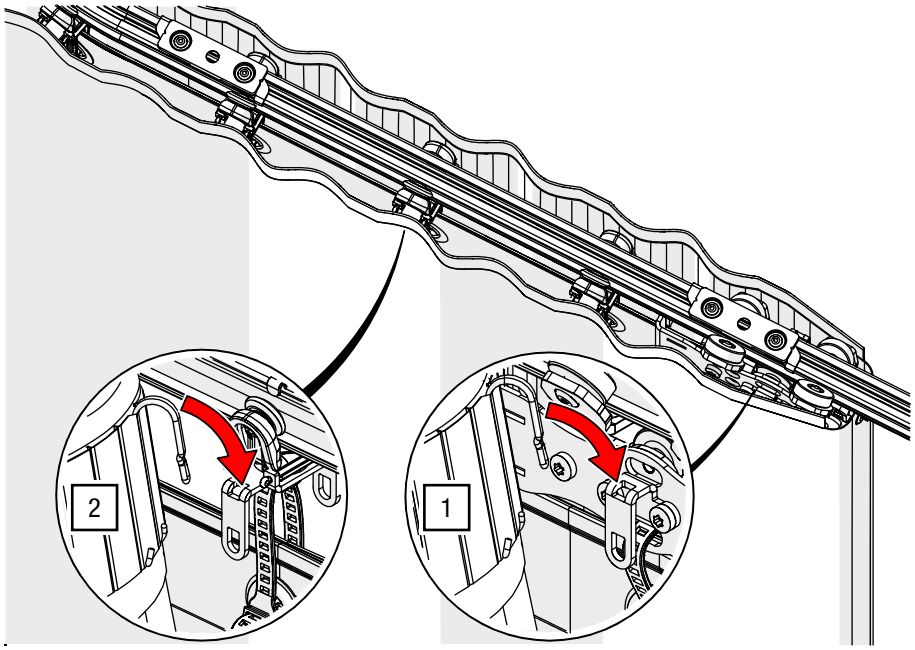


Fig. 116: Master runner – Hang outer layers (2/2)

Mounting master runner coupling magnet and catch plate

3. Screw the coupling magnet to the master runner with a double overlap arm hand-tight (see Fig. 117).

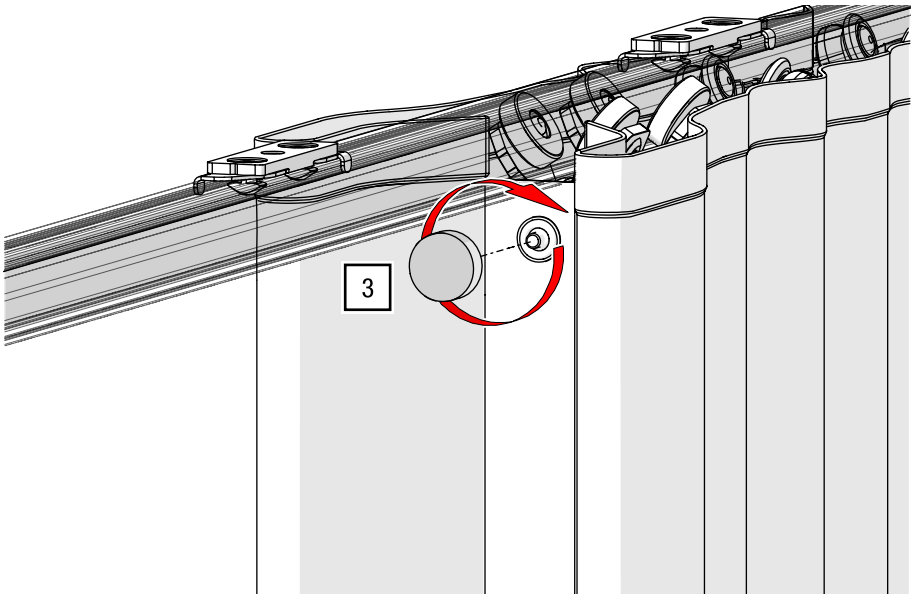


Fig. 117: Master runner with double overlap arm – Mount coupling magnet (1/2)

4. Screw the magnet catch plate on the opposite side to the master runner without overlap arm using a flat-head screwdriver and a torque of 11 Nm (see Fig. 118).

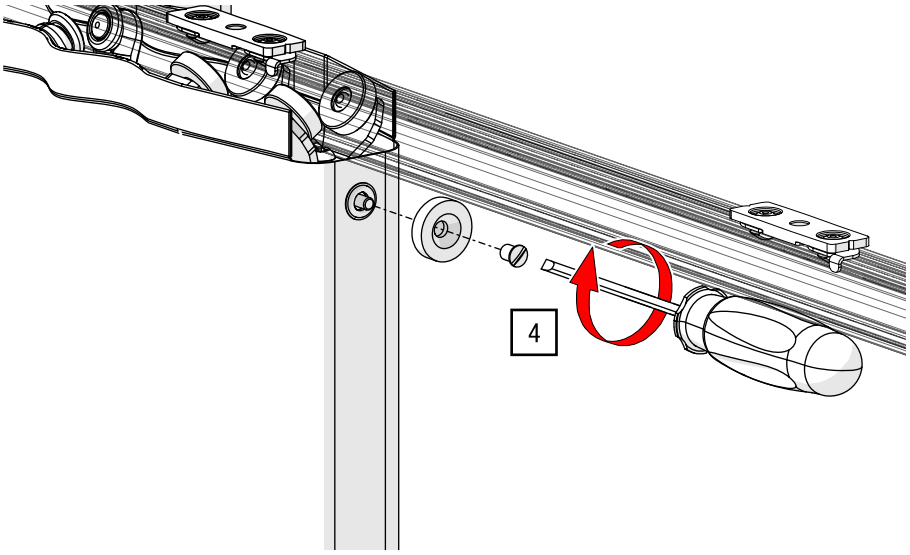


Fig. 118: Master runner – Mount magnet catch plate (2/2)

Optional:For the perfect look

➔ Steam the outer layers to eliminate any creases. Observe the corresponding instructions of the steaming device manufacturer and the material properties of the curtain.

NOTICE: The high temperatures of the steaming device can, depending on the curtain material used, lead to the destruction of the curtain if used incorrectly.

WARNING: Risk of burns from hot steam and hot contact surfaces on the device.

5.9 Installing wall connection strip (OFFICE)

For mounting the wall connection strip, it is recommended to add the end stop subsequently and to leave the last hooks open on both the inner and outer layers.

Required Materials / Tools

Quantity	Materials / Tools
Length according to order	OFFICE wall connection strip
Quantity according to order	G-TRACK variable end stop with curtain mounting – Item no. 31080 0099X
Quantity according to order	Mounting material (according to substrate – not included)
1	Saw (not included)
1	Drill (not included)
1	Tool (according to substrate; not included)

Table 27: Wall connection strip – Required materials and tools for assembly

1. Measure the available height for the wall connection strip and saw the wall connection strip to size (see Fig. 119 for boundary parameters).

If necessary, join two partial pieces together to achieve the required overall height. Pay attention to the necessary clearances of the outer layers and end stop (see Fig. 119).

2. For new cut edges, add through-holes with a diameter of 5 mm at a distance of 10 cm from the edge.

Compare and align the hook and loop tape of the wall connection strip with the previously hung curtain before drilling and assembly.

Attaching wall connection strip

3. Mount the wall connection strip using mounting material suitable for the substrate (see Fig. 119).

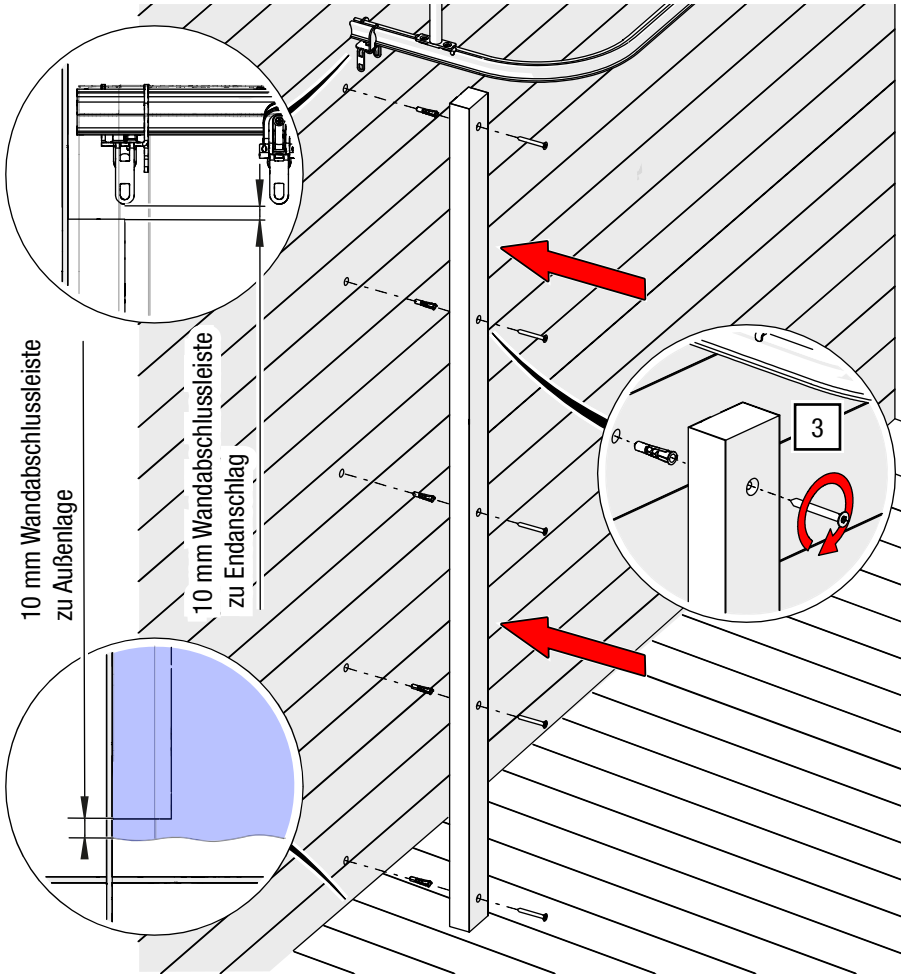


Fig. 119: Wall connection strip – Screw to wall

4. Mount the variable end stop with curtain mounting on the G-TRACK track centred to the wall connection strip. See procedure from *Chapter 5.2.11 Variable end stop with curtain mounting* [▶ p. 50].
5. Mount the last eyelet of the inner layers on the variable end stop. See procedure from *Chapter 5.7.1 Installing and tying inner layers together* [▶ p. 84].

6. Mount the outer layers with hook and loop tape to the wall connection strip and hang the curtain hooks in (see Fig. 120).

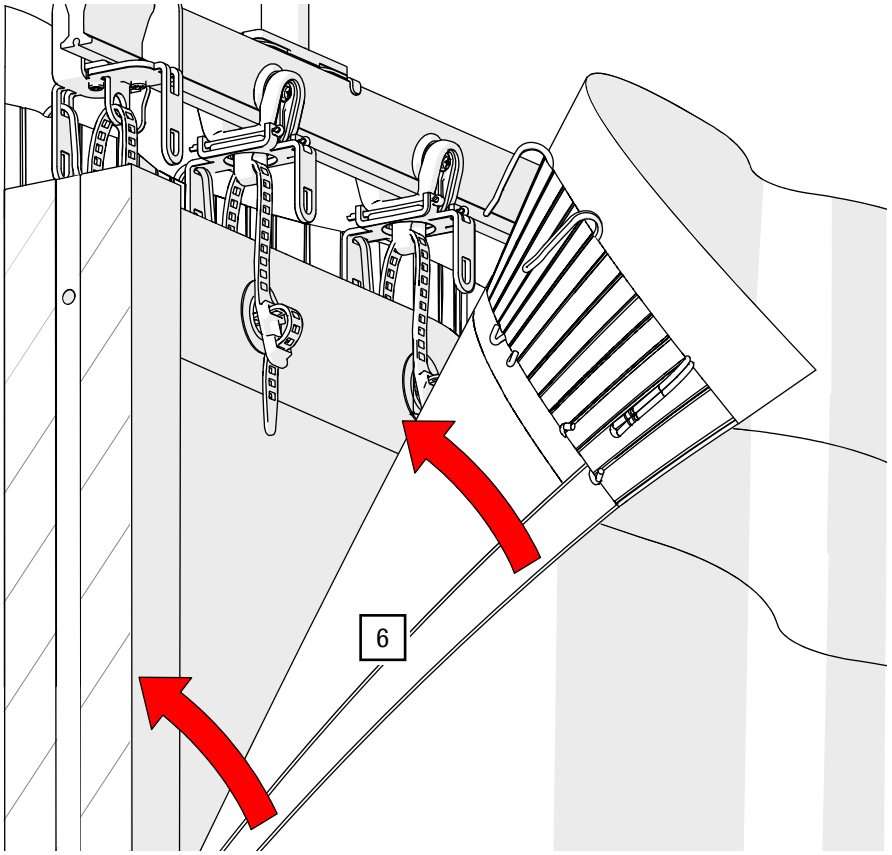


Fig. 120: Curtain – Mount with wall connection strip and variable end stop

5.10 Draping and steaming the curtain (OFFICE)

➔ Complete the draping of the acoustic curtain into pleats and tie it together with a lashing strap (see info text for the deviating procedure of draping the outer layers, tying together is analogous to *Chapter 5.7.1 Installing and tying inner layers together* [▶ p. 84]).

Draping the outer layers differs from draping the inner layers. While the folds of the outer layers are laid exclusively outwards at the top, they are laid parallel to the inner layers towards the bottom (alternating inwards/outwards).
In case of any uncertainties, please feel free to contact Gerriets GmbH.

Optional:For the perfect look

➔ Steam the draped outer layers before and after tying them together for a better and more sustainable pleat shape and look. Consider the corresponding instructions of the steaming device manufacturer as well as the material properties of the curtain.

NOTICE: The high temperatures of the steaming device can, depending on the curtain material used, lead to the destruction of the curtain if used incorrectly.

WARNING: Risk of burns from hot steam and hot contact surfaces on the device.

6 Maintenance and servicing

6.1 Proper maintenance

Regular maintenance in accordance with the maintenance schedule is a prerequisite for efficient and safe use of the system over the entire service life of the product.

Safety measures before starting work

- ➔ Cordon off the danger area during maintenance work.
- ➔ De-energise all live components before starting work. For G-FRAME control units, turn the yellow-red main switch to the 0 position and secure it with a padlock, if necessary, to prevent it from being switched on again.
- ➔ Wear personal protective equipment.

Principles of maintenance

- ➔ Observe the maintenance instructions.
- ➔ Carry out all maintenance and servicing work in accordance with the specified intervals.
- ➔ Reinsert all screw connections in accordance with the assembly instructions and locking elements (e.g. rings, pins, clips) correctly and check their function.
- ➔ Conduct visual inspections of the system after each transport and regularly during the life cycle.

6.2 Maintenance schedule

General information

Maintenance serves to ensure functional safety, extend the service life, and provide legal protection during operation.

The specified intervals are minimum values and may vary depending on the intensity of use and environmental conditions (e.g.

Maintenance measure	Before each use	quarterly	half-yearly	yearly
Check all screw connections for tightness			●	
Visual inspection of suspensions				●
Check castors for damage				●
Clean track system of dust				●

Table 28: Maintenance table (minimum values)

Organisational notes

- ➔ Adjust the maintenance intervals if necessary.
- ➔ Train the operating personnel accordingly.
- ➔ Record maintenance measures in the log.

6.3 Storage

Short-term and medium-term storage (up to 2 years) is possible without extraordinary measures if the storage conditions correspond to the ambient conditions in *Chapter 3.1 Ambient conditions* [▶ p. 18].

➔ For longer-term storage, take additional measures to protect against corrosion.
➔ Store the track system dry and dust-free.
➔ Do not expose the track system to aggressive media.

7 Troubleshooting

7.1 Fundamentals

➔ If the cause of an error cannot be clearly identified or rectified, take the system out of service and contact Gerriets GmbH customer service (see *Chapter 12.1 Contact* [▶ p. 114]).

⚠ WARNING

Functional and safety risks due to non-intended modifications to the track system

Modifications or additions to the G-TRACK track system that are not in accordance with the intended use can impair the function and safety of the system. This can lead to material damage and, in extreme cases, to hazards for persons.

➔ Do not make any modifications or additions to the track system using non-original spare parts.
➔ Always pay attention to the maximum load capacity (see load capacity Table s in *Chapter 3.2 Track system* [▶ p. 18].
➔ Wear necessary personal protective equipment during repairs (safety shoes, gloves).
➔ If in doubt, please contact us (see *Chapter 12 Contact and warranty* [▶ p. 114]).

8 Decommissioning and disposal

In the event of a defect in individual component of the track system, we focus on sustainability and offer a repair – if technically possible.

We will be happy to check for you whether a repair is sensible. Contact us via the contact options in *Chapter 12 Contact and warranty* [▶ p. 114] or via the contact details on the back of this manual.

8.1 Temporary shutdown

1. Secure the danger area.
2. Start dismantling from the payload side and remove loads and load-bearing components in the power flow step by step.
3. Clean all components and store them in dry and dust-free containers or, ideally, in their original packaging.

8.2 Environmental protection, dismantling, and disposal

Environmental protection/WEEE

Dispose of the track system, its components, and accessories at the end of their service life in an environmentally friendly manner in accordance with the applicable legal regulations.
Observe national and international regulations regarding disposal. These apply primarily, but not exclusively, to:

- Metals
- Electronic components
- Batteries and accumulators
- Fibre composites
- Non-ferrous metals
- Plastics

If in doubt, contact your local authority or a certified waste disposal company to ensure proper and legally compliant disposal. There you can find information on the correct procedures and methods.

Packaging materials that are no longer required for storage or transport must also be disposed of in an environmentally friendly manner.

➔ Do not dispose of electronic components with residual waste, as they are recyclable materials (Directive 2012/19/EU – WEEE).

Dismantling and disposal

1. Act according to steps 1 and 2 from the previous *Subchapter 8.1 Temporary shutdown* [▶ p. 101].
2. Dispose of all parts properly in compliance with local regulations.

9 Safety

9.1 Utilisation

9.1.1 Intended use

The G-TRACK track system is designed for manual or motorised operation with light to medium-weight curtains for theatre or interior applications or for acoustic curtains (OFFICE).

For safe and intended assembly of the G-TRACK track system, it is essential to follow all specifications and instructions in the assembly manual.

➔ During assembly, reliably prevent unauthorised persons from entering the danger area.

9.1.2 Foreseeable misuse

Any use other than that specified under intended use is considered non-intended use.

Consequences of non-compliance

Disregarding the instructions in this operating manual can lead to serious consequences, including:

- Death or serious injury to persons
- Material damage to the system
- Damage to the property of third parties

Such consequences are not covered by the product warranty or liability.

➔ Observe *Chapter 9.5 Disclaimer* [▶ p. 105].

Further examples of non-intended use

Examples of non-intended use include, but are not limited to:

- Attaching add-ons or modifications to the product that have not been approved by Gerriets GmbH.
- Unauthorised entry into the danger zone during assembly work.

9.2 General warnings

Fundamentals

The track system G-TRACK complies with the latest technical standards as well as the applicable health and safety and accident prevention regulations. Nevertheless, particularly during its assembly, there is a risk of injury to the installer and third parties, and of material damage.

Mechanical dangers

⚠DANGER

Risk of injury from falling objects and suspended loads

Falling objects can cause fatal accidents, severe injury, or material damage.

- ➔ Pay attention to the maximum load capacity of the overall system as well as individual components.
- ➔ Only install the system on a sufficiently load-bearing substrate or substructure.
- ➔ Avoid dynamic loads such as falls (the load falling into the static system) or swinging movements.
- ➔ Do not make any modifications, additions, or alterations to the track system unless these have been approved by Gerriets in writing.
- ➔ Secure the danger area.
- ➔ Secure loads to be fastened against falling during assembly (e.g. by using suitable lifting equipment).
- ➔ Always assemble the screw connections of the parts with the aid of the specific assembly instructions and Table s for tightening torques.
- ➔ Always use securing elements such as rings, clips, and pins correctly and check their effectiveness.
- ➔ Check mounting equipment for its suitability and permissible load capacity before use.

9.3 Personnel and target group

9.3.1 Responsibility of the operator

Definition of the operator

The operator is a person who uses the system or machine commercially or economically themselves or leaves it to third parties. During operation, they bear legal product responsibility for the protection of personnel or third parties.

Obligations of the operator

- ➔ Comply with applicable occupational health and safety guidelines and inform your personnel accordingly.
- ➔ Ensure that your personnel are familiar with the applicable occupational health and safety and accident prevention regulations.
- ➔ Provide your personnel with the required protective equipment (see *Chapter 9.3.3 Personal protective equipment* [▶ p. 104]).
- ➔ Prevent assembly by unauthorised and untrained persons.
- ➔ Only operate the track system under the operating parameters specified in *Chapter 3 Technical data* [▶ p. 18].

9.3.2 Responsibility of the staff

All persons commissioned with assembly work on the G-TRACK track system or OFFICE acoustic curtain undertake before starting work:

- To observe the basic regulations on occupational safety and accident prevention.
- To read and observe the assembly instructions, including the safety Chapter and safety notes.

9.3.3 Personal protective equipment

The operator must, if necessary, provide the following personal protective equipment for the assembly and maintenance personnel:

Symbol	Protective equipment
	Protective gloves
	Safety shoes
	Safety helmet

Table 29: Personal protective equipment

9.4 Guidelines and standards

EU/EC directives and standards

The track system complies with the directives:

- 2006/42/EC Machinery Directive (MRL)

This manual is based on the Machinery Directive 2006/42/EC in force at the time of preparation.
Please note that this directive is replaced by EU Regulation 2023/1230, which must be applied bindingly from 20 January 2027.

Harmonised standards

Furthermore, the following harmonised standards are met:

- EN ISO 14121-1:2007 – Safety of machinery – Risk assessment – Part 1: Principles (ISO 14121-1:2007)
- EN ISO 12100-2:2003/A1 Safety of machinery – Basic concepts, general principles for design – Part 2: Technical principles
- EN ISO 12100-1/A1:2009 Safety of machinery – Basic concepts, general principles for design – Part 1: Basic terminology, methodology

9.5 Disclaimer

Gerriets GmbH accepts no liability or warranty for damage and malfunctions caused by:

- Disregard of the operating manual.
- Non-intended use.
- Deployment of personnel who are not appropriately qualified.
- Use of spare parts, accessories, and materials that have not been approved by Gerriets GmbH.
- Unauthorised modifications or alterations to the product that have not been approved by Gerriets GmbH.

10 Abbreviations and definitions

10.1 Terms and definitions

ELL/R	Entertainment load limit at rest in accordance with DIN EN 17206:2020. This characterises the maximum possible load at rest and corresponds to half of the working load limit (WLL).
Nm	Newton meter (Nm). The unit of torque. Equivalent to a force of one newton acting via a lever arm of one meter.
HEX	Hexagon socket key is a tool with a hexagonal profile.
Clear height	The clear height is the vertical distance between the top edge of the finished floor and the bottom edge of the ceiling or other component.

11 Appendix

11.1 Curtain heights

Attention: The following calculation formulas apply to curtains with a height of up to 5 m.
For curtains with a height of more than 5 m, additional dimensional corrections are required, depending on the elasticity and material properties of the fabric.

11.1.1 Direct mounting and basic dimensions

Theatre-Interior curtain

Explanation of abbreviations:

V_H: Curtain height

H_L: Clear height
(total height between finished floor level and ceiling)

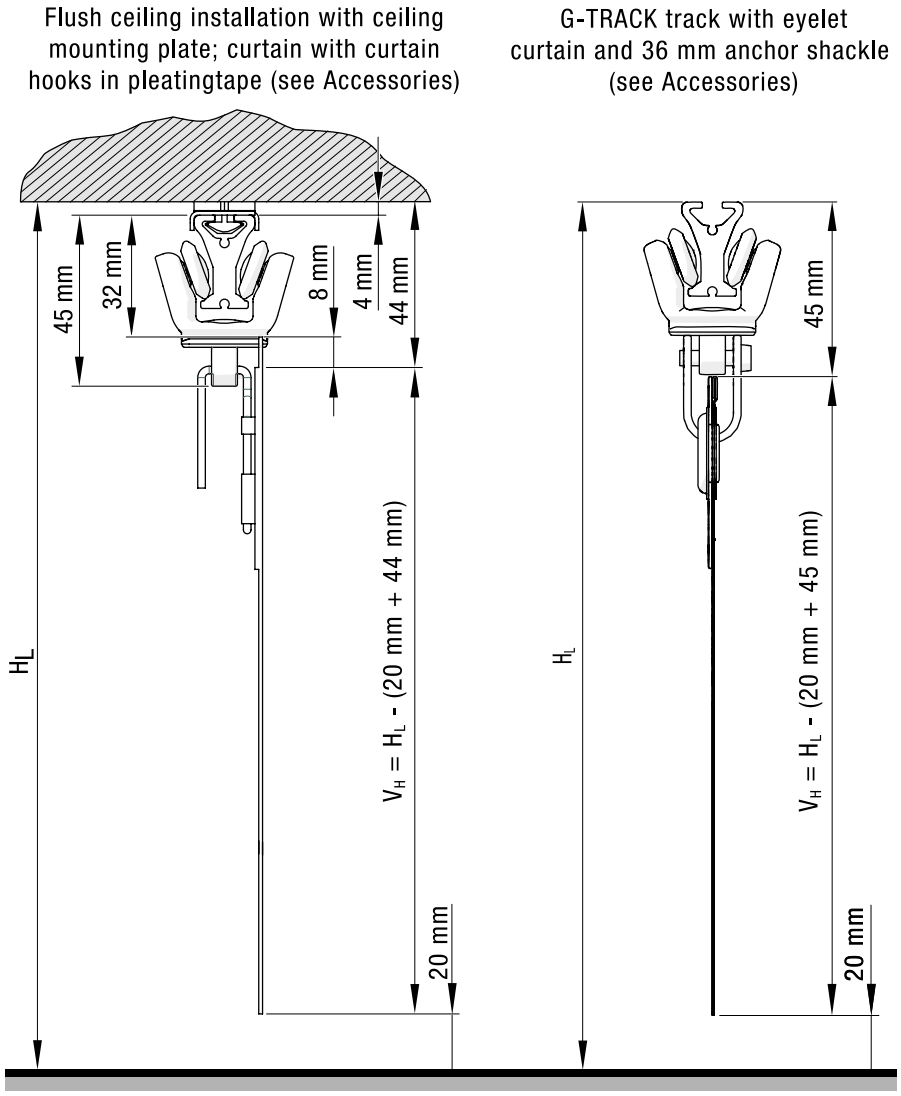


Fig. 121: Formulas for curtain heights in different configurations

OFFICE acoustic curtain

Explanation of abbreviations:

$V_{H,I}$: Curtain height (inner layers)

$V_{H,A}$: Curtain height (outer layers)

H_L: Clear height
(total height for installation)

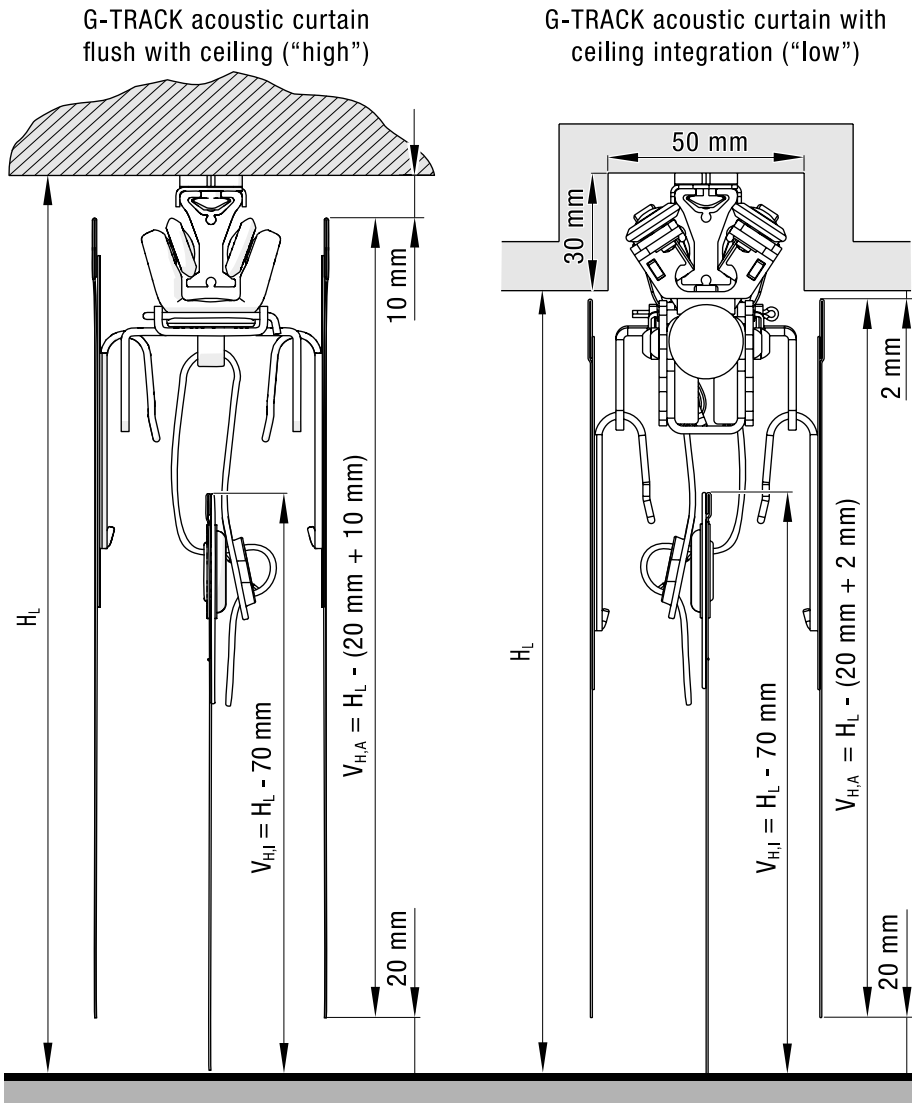


Fig. 122: Formulas for calculating acoustic curtain heights

11.1.2 Hook clamps

G-CLAMP on top cord operation
Pipe diameter 50 / 60 mm

Half coupler clamp on top cord operation
Pipe diameter 50 mm

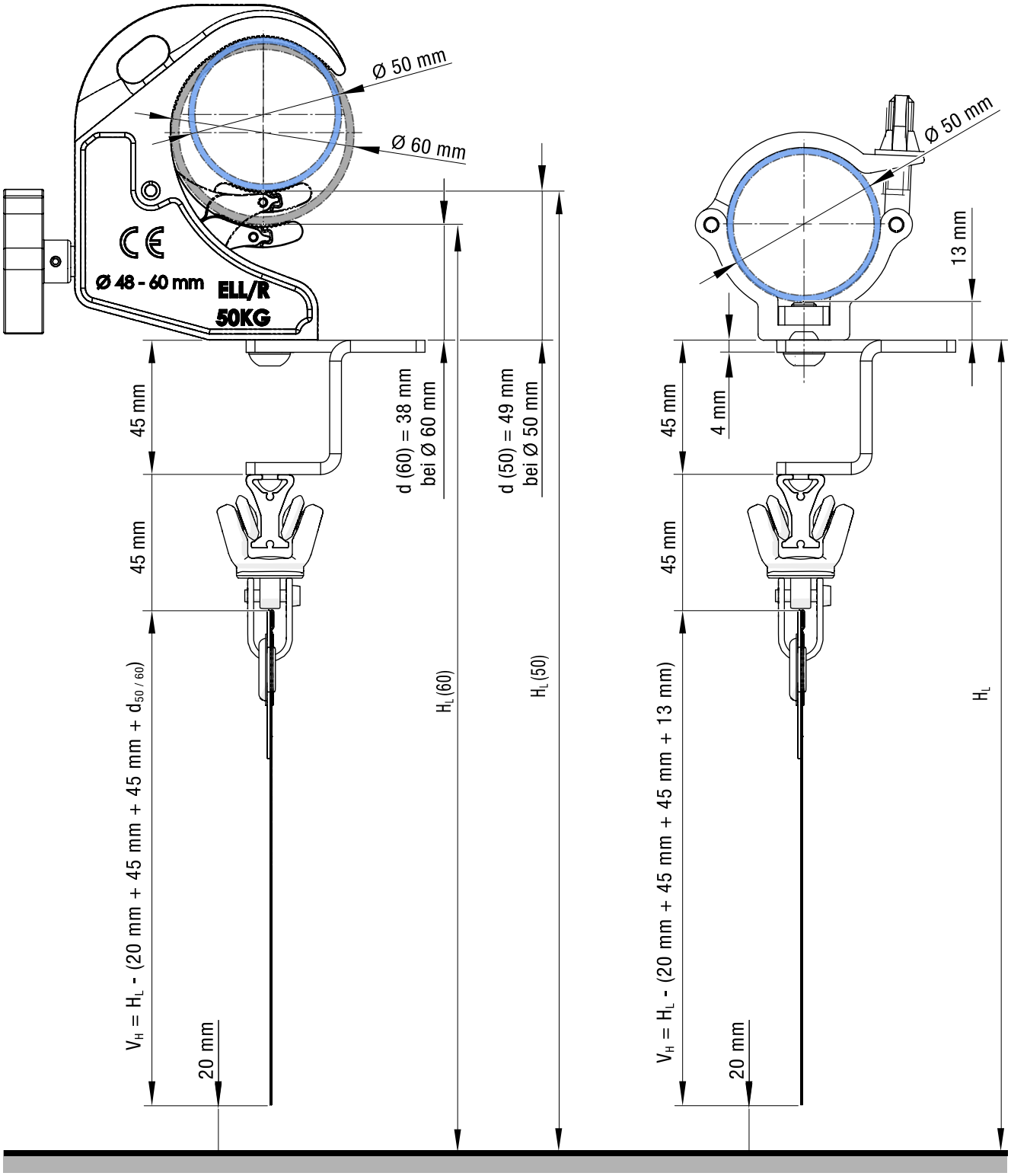


Fig. 123: Curtain heights – Hook clamps on top cord operation

G-CLAMP with direct mounting on track
Pipe diameter 50 / 60 mm

Half Coupler clamp with direct mounting
Pipe diameter 50 mm

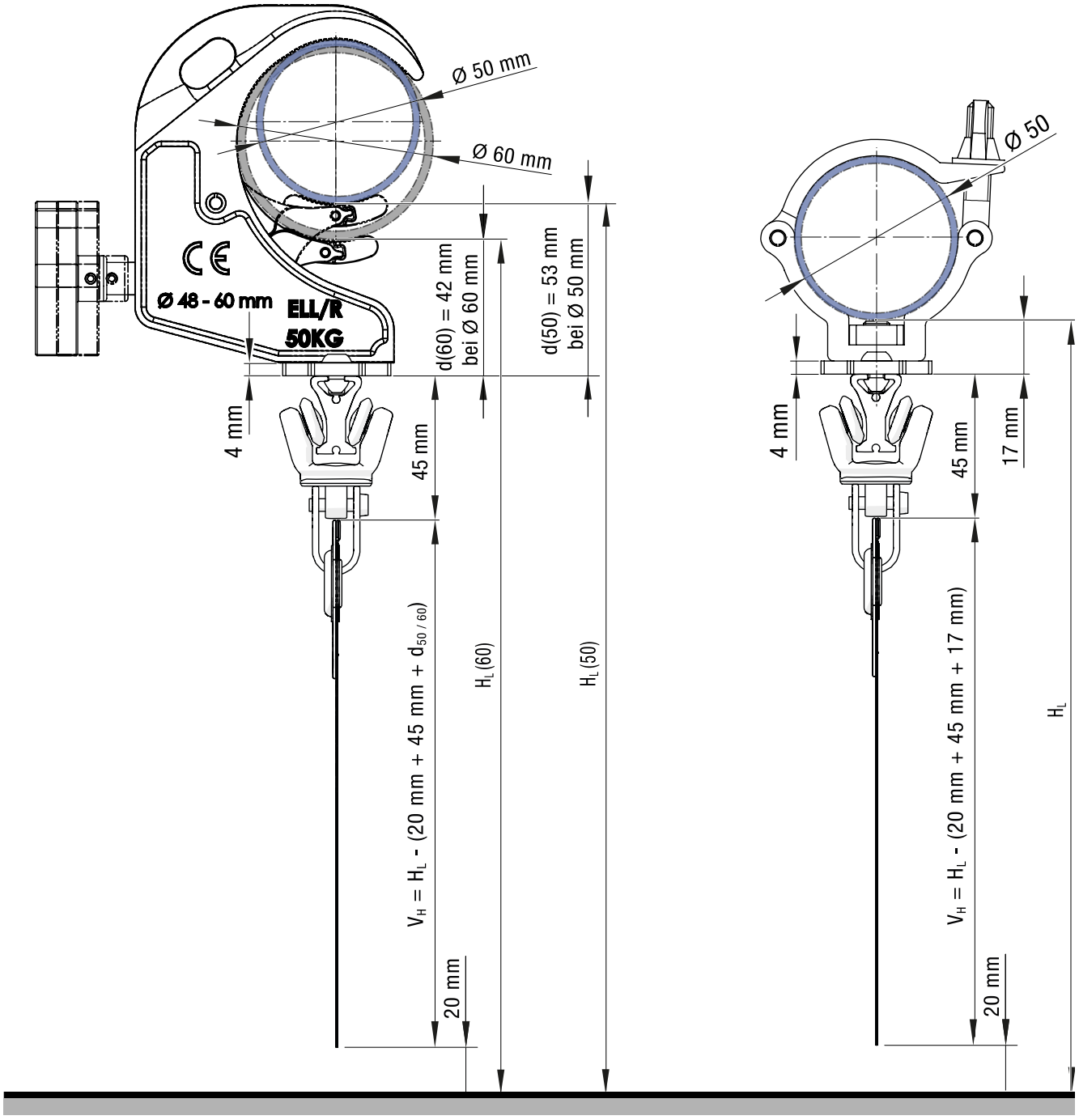


Fig. 124: Curtain heights – Hook clamps with direct mounting on track

11.1.3 Wall mount brackets

OFFICE curtain on INTERIOR wall bracket
with ceiling mounting plate mounted on track

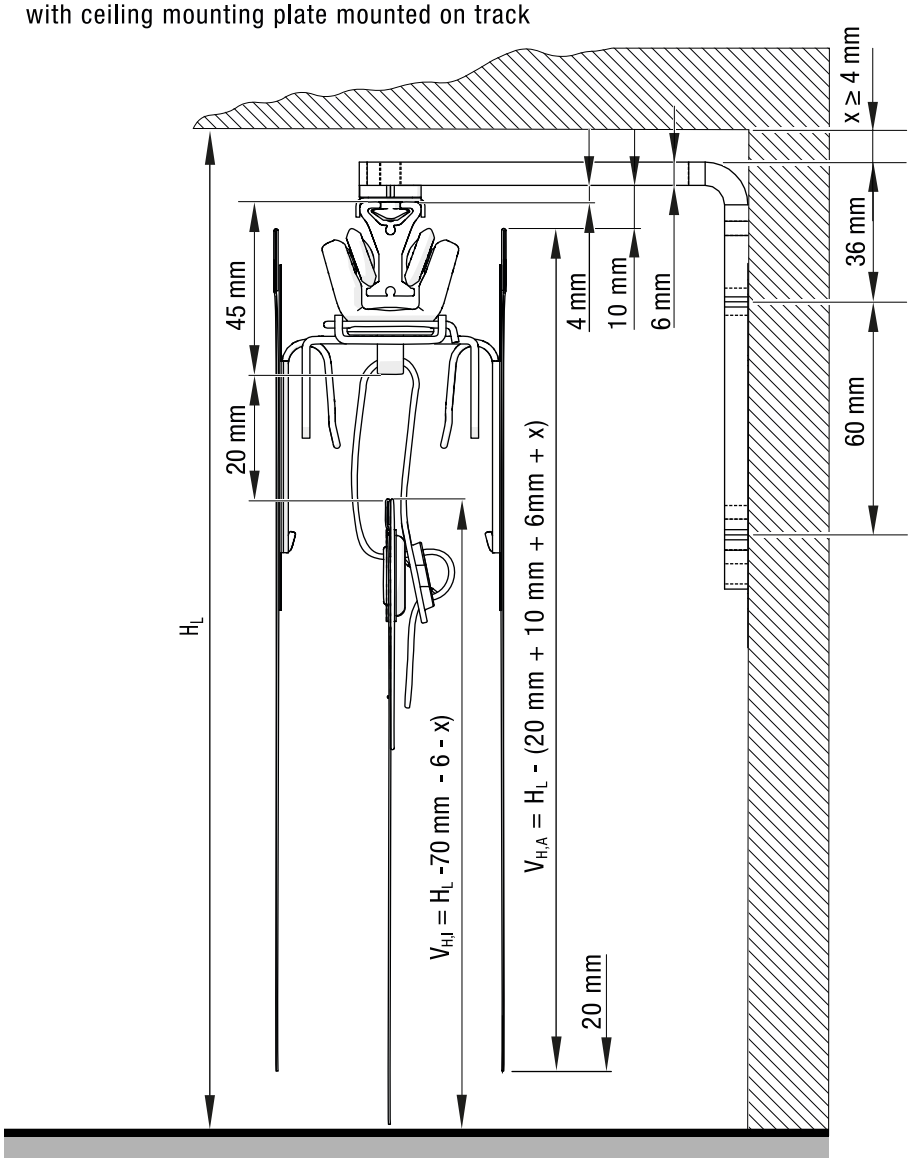


Fig. 125: Curtain heights – OFFICE curtain on INTERIOR wall bracket with ceiling mounting plate mounted on track

INTERIOR wall bracket on top cord operation

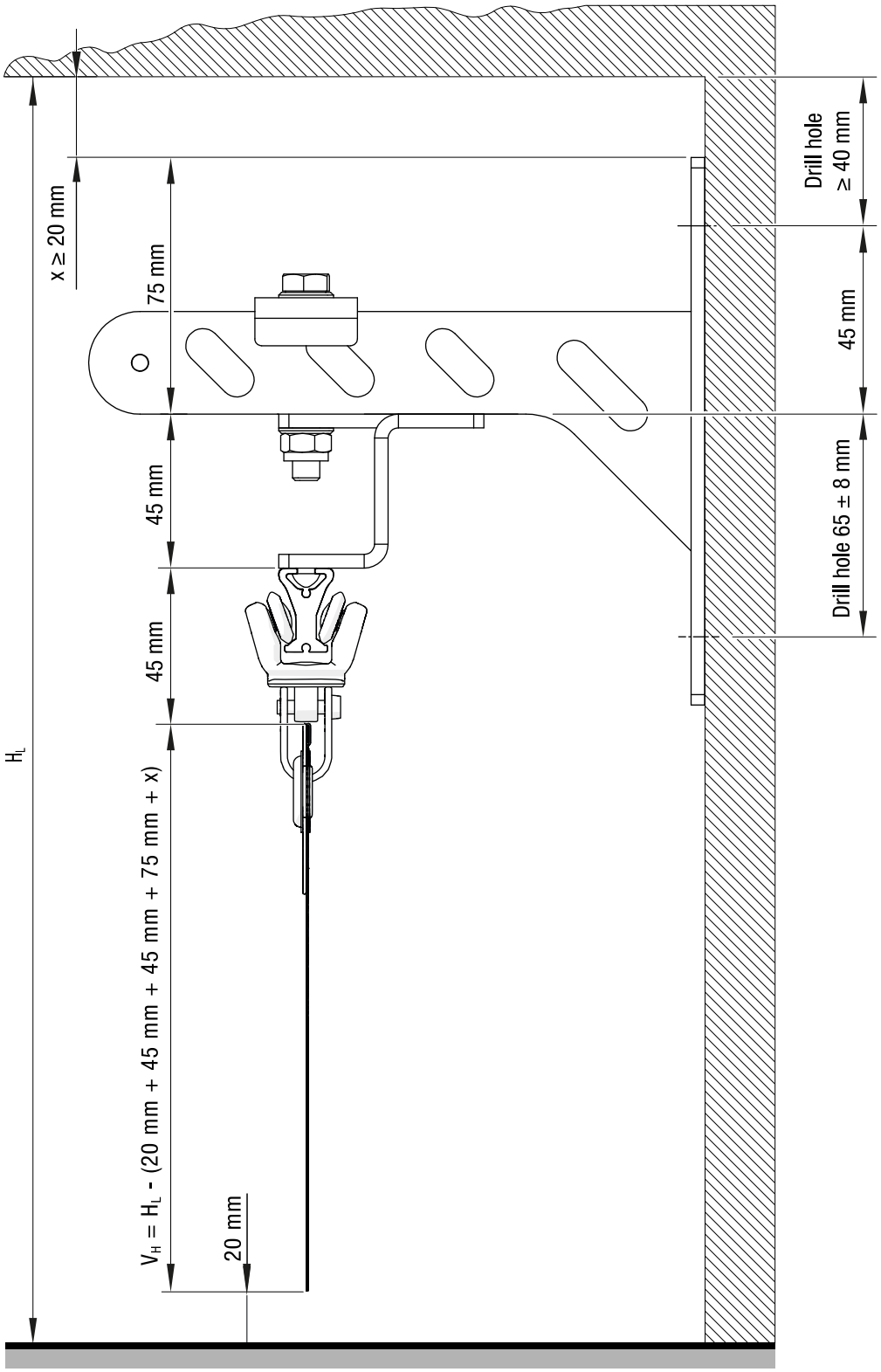


Fig. 126: Curtain heights – INTERIOR wall bracket on top cord operation

11.2 Screw tightening torques

About the torques

The tightening torques are specified in the specific instructions; however, if further data is required, please refer to the following table.

Screws subject to high loads must be fastened with lower tightening torques, which is why a screw calculation is necessary.
The tightening torques in the handling Chapters have priority.

Tightening torque [Nm]			
Screw size	**Screw strength class 8.8**	**self-locking screw**	**hand-tight**
	According to VDI 2230-1, Table A8	**According to manufacturer's specification**	**According to DIN 3110**
M4	3	-	3
M5	6	11	6
M6	11	19	11
M8	27	42	27
M10	54	85	42
M12	93	130	48
M16	230	330	53
M20	464	-	75

Table 30: Overview of screw tightening torques

12 Contact and warranty

12.1 Contact

Opening hours:	Monday – Thursday	08:00 – 12:00 13:00 – 17:00
	Friday	08:00 – 12:00 13:00 – 15:30
Switchboard:	Our switchboard is available during business hours. Outside business hours, you may leave a message on our answerphone at any time or email us with your enquiry.	
Telephone:	Switchboard	+49 7665 – 960 0
Fax:	Switchboard	+49 7665 – 960 125
Addresses:	Delivery address	Gerriets GmbH Stage Supplies Im Kirchenhürstle 5 – 7 D-79224 Umkirch
	Postal address	Gerriets GmbH Stage Equipment PO Box 1154 D-79220 Umkirch
	Freiburg Commercial Register VAT No.	HRB No. 2678 DE142191543
	Managing Director	Hannes Gerriets
Further contact details:	Website	www.gerriets.com
	Email	info@gerriets.com
	Contact details for our locations worldwide and a QR-code for the website with further international contact details can be found on the back side of this document.	

12.2 Service and Repairs

The product is supplied with a two-year warranty. This covers the replacement or repair of parts that are defective due to material or manufacturing faults.

The warranty does not cover damage caused by improper use, overload, or inadequate maintenance. Modifications or repairs conducted by unauthorised personnel may result in malfunctions that are not covered by the warranty.

In the event of a fault, please contact our customer service team so that we can assess your warranty claim and discuss the next steps. We are available during our business hours.

Further information can be found in our terms and conditions on www.gerriets.com.

GERRIETS WORLDWIDE

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