



Assessment Kit Premium



Serving the complex needs of our clients is Rehadapt's greatest concern. In almost 20 years of work in the field of AAC I learned that a proper solution for the client requires more than just one smart product. The standard case is just not standard in our world, the needs are always individual. Therefore we must understand our solutions as a comprehensive system that allows for covering a whole bandwidth of circumstances in a flexible, comprehensive, yet economic way.

Competent, personal and readily available service is crucial to make sure the products can be applied well in the real world, to build comprehensive solutions. I am very happy to find our customers not only appreciating our flexible and rugged mounting systems, but increasingly using our extensive services to individually configure the right solutions for their personal situation. In the fruitful cooperation with the teams and users we experience ourselves as being blessed with our occupation: we add our share to making a difference in people's lives!

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About this kit

Rehadapt's Assessment Kit includes a rich assortment of mounting elements that cover the full range of Assistive Technology mounting needs. It allows for assessing positioning needs & practical handling of AAC equipment, but also building custom mounts to fit almost any wheelchair. The kit enables coping with tricky wheelchairs, double tube mounts for enhanced sturdiness, or unusual mount lengths. It includes a number of generic adapters and comes with a folding carry cart.

„The key to turn technology into Assistive Technology“

Positioning has always been the key to turn technology into Assistive Technology. Finding the right spot for devices, displays or access tools is an important part of every evaluation. The needs of assessment teams on that quest guided the development of the Rehadapt Assessment Kit.

The results is truly spectacular:

- ✓ The kit features a wide selection of field-tested items for real life scenarios
- ✓ All the components are neatly packed in a highly durable, mobile and easy to maintain case.
- ✓ The documentation provided includes helpful tips and tricks that will support both beginners & advanced users.
- ✓ Heavily subsidized to make these essential tools truly affordable

The Rehadapt Assessment Kit comes with individual order codes that allow for lifelong discounts when the kit need to be re-stocked.



- ✓ Multitude of joints, tubes and tools to build standard and custom mounts
- ✓ Comprehensive documentation
- ✓ Vast range of frame clamps for general and specialized wheelchair attachments



Rehadapt Assessment Kit Premium

Full kit that allows the mounting of any device or switch on wheelchairs. The kit includes a wide selection of the most relevant items in Rehadapt's portfolio for building sophisticated and heavy-duty setups. A transportation trolley is included to ease the transport of this beefy kit.

19.9000

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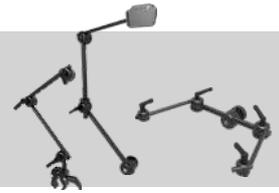
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6 L3D tabletops



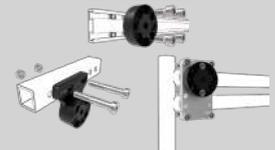
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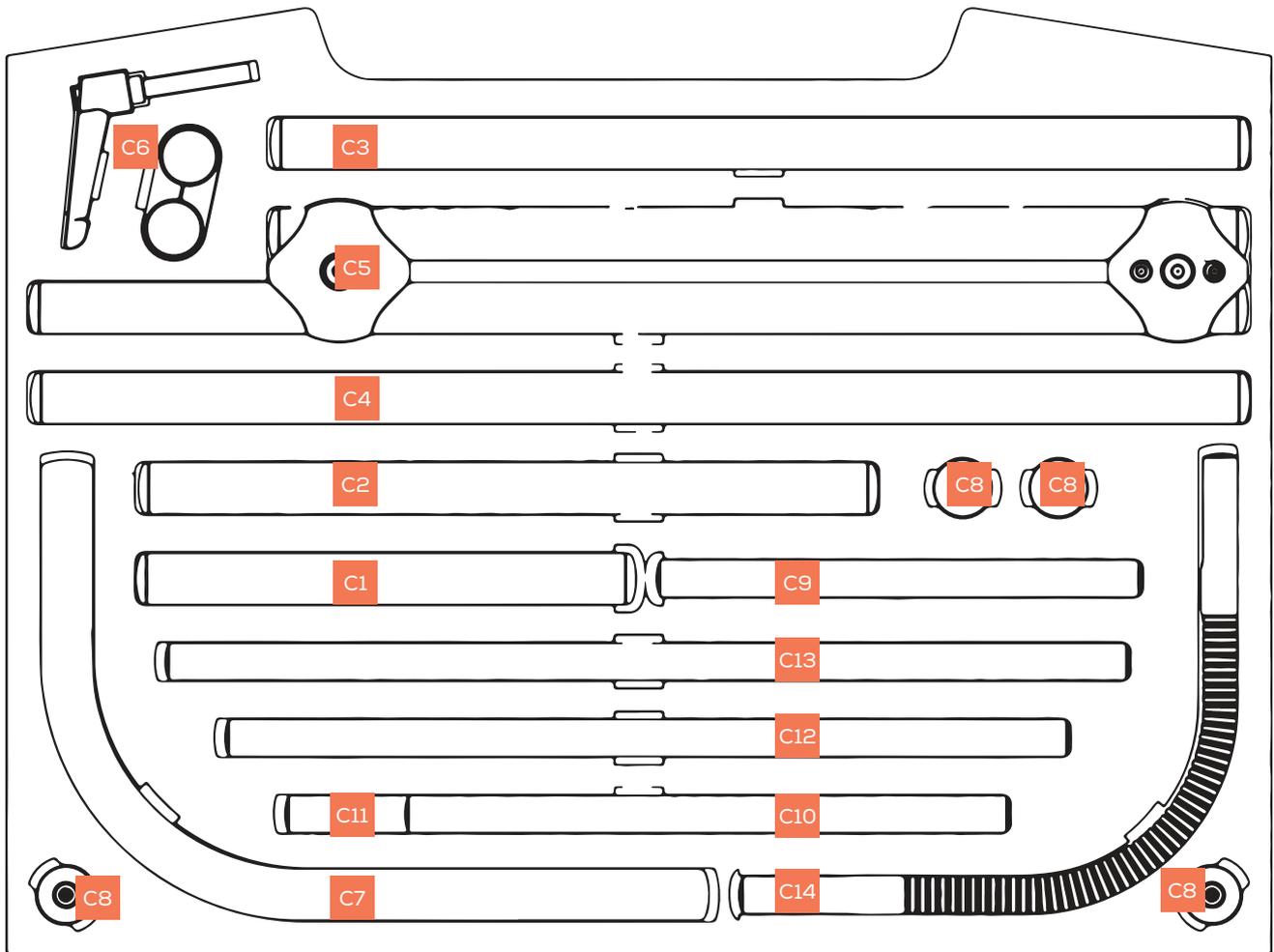
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Kit overview

1.1 Case inlay "Tubes"

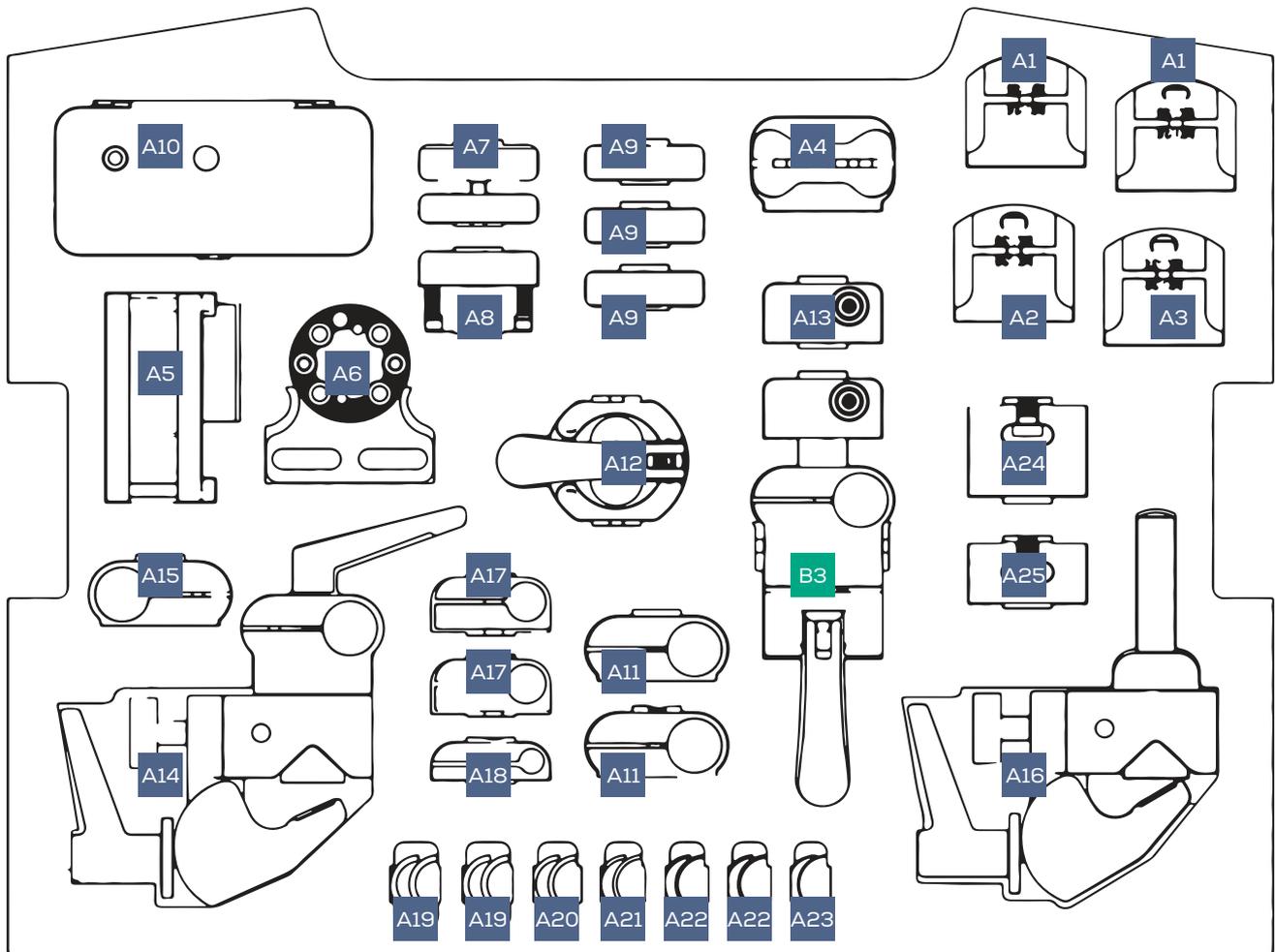


TUBES

ID	Part No.	Name	QTY
C1	01.5005	Tube Ø22x200	2
C2	01.5010	Tube Ø22x300	2
C3	01.5020	Tube Ø22x400	2
C4	01.5030	Tube Ø22x500	2
C5	11.1403	M3D HD Upgrade-Kit	1
C6	11.1510	Easy-Off-Kit	1
C7	12.5403	L-Tube Ø22x275x190	1
C8	01.5995	SG-Slip-Out Safeguard	4
C9	14.9502	Tube Ø16x200	2
C10	14.9503	Tube Ø16x250	1
C11	14.9504	Tube Ø16x300	2
C12	14.9505	Tube Ø16x350	1
C13	14.9506	Tube Ø16x400	1
C14	01.6015	Flex-Tube Ø16x350	1

Kit overview

1.2 Case inlay "Frame Clamps"



BASES

ID	Part No.	Name	QTY
A1	11.1125	M3D RKL-25	2
A2	11.1130	M3D RKL 30	1
A3	11.1132	M3D RKL 32	1
A4	11.1425	M3D RKL-T 25	1
A5	11.1060	M3D RKL-E30-70	1
A6	11.1075	M3D RKL-M8-Mini	1
A7	11.1065	M3D RKL-E30	1
A8	11.1069	M3D T-Nut 16/6,5	1
A9	11.1074	M3D AdapterRing	3
A10	19.9111	M3D Service Kit Box - T-Nut	1
A11	11.1102	M3D Base Special	2
A12	11.1222	M3D Swivel-Joint-S Special	1
A13	11.1251	M3D Indexing Slot	1
A14	12.1000	M3D Base SuperClamp	1
A15	11.1106	M3D Basis Special Lock	1
A16	14.1118	L3D 16-Base SuperClamp Pin	1
A17	14.1101	L3D 16-Base Special	2
A18	14.1119	L3D 10-Base Special	1
A19	01.2519	Sleeves 25→19 mm	2
A20	01.2520	Sleeves 25→20 mm	1
A21	01.2521	Sleeves 25→21 mm	1
A22	01.2522	Sleeves 25→22 mm	2

BASES

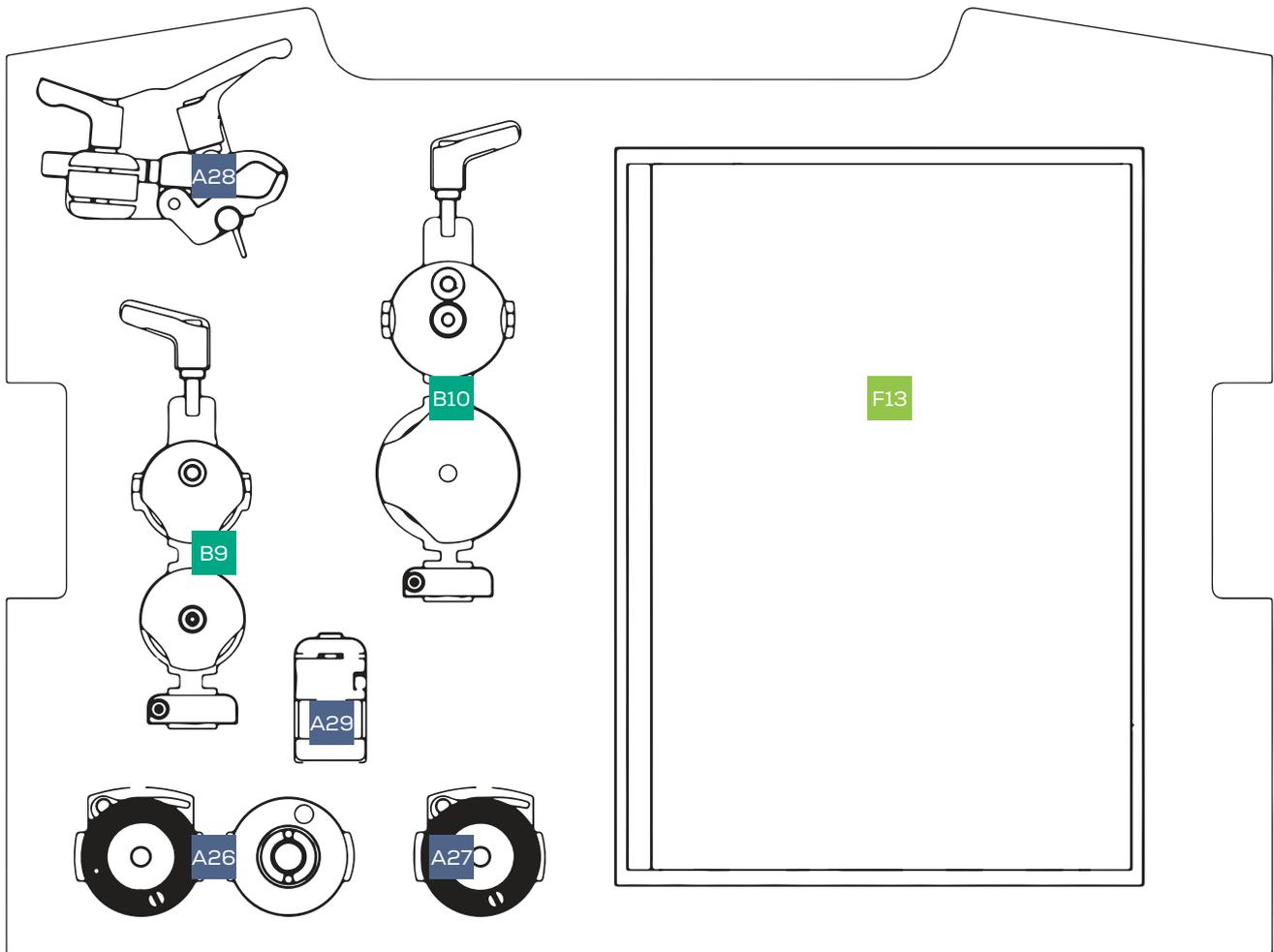
ID	Part No.	Name	QTY
A23	01.2523	Sleeves 25→23 mm	1
A24	11.1538	M3D Offset Link 1 ½"	1
A25	11.1525	M3D Offset Link 1"	1

JOINTS

ID	Part No.	Name	QTY
B3	11.1220	M3D Swivel Unit S	1

Kit overview

1.3 Case inlay "Instructions"



BASES

ID	Part No.	Name	QTY
A26	11.1550	M3D Base Coupler	1
A27	11.1551	M3D Base Coupler Inner	1
A28	14.1174	L3D 10 MiniClamp QS	1
A29	14.1116	L3D 10-Base E16	1

JOINTS

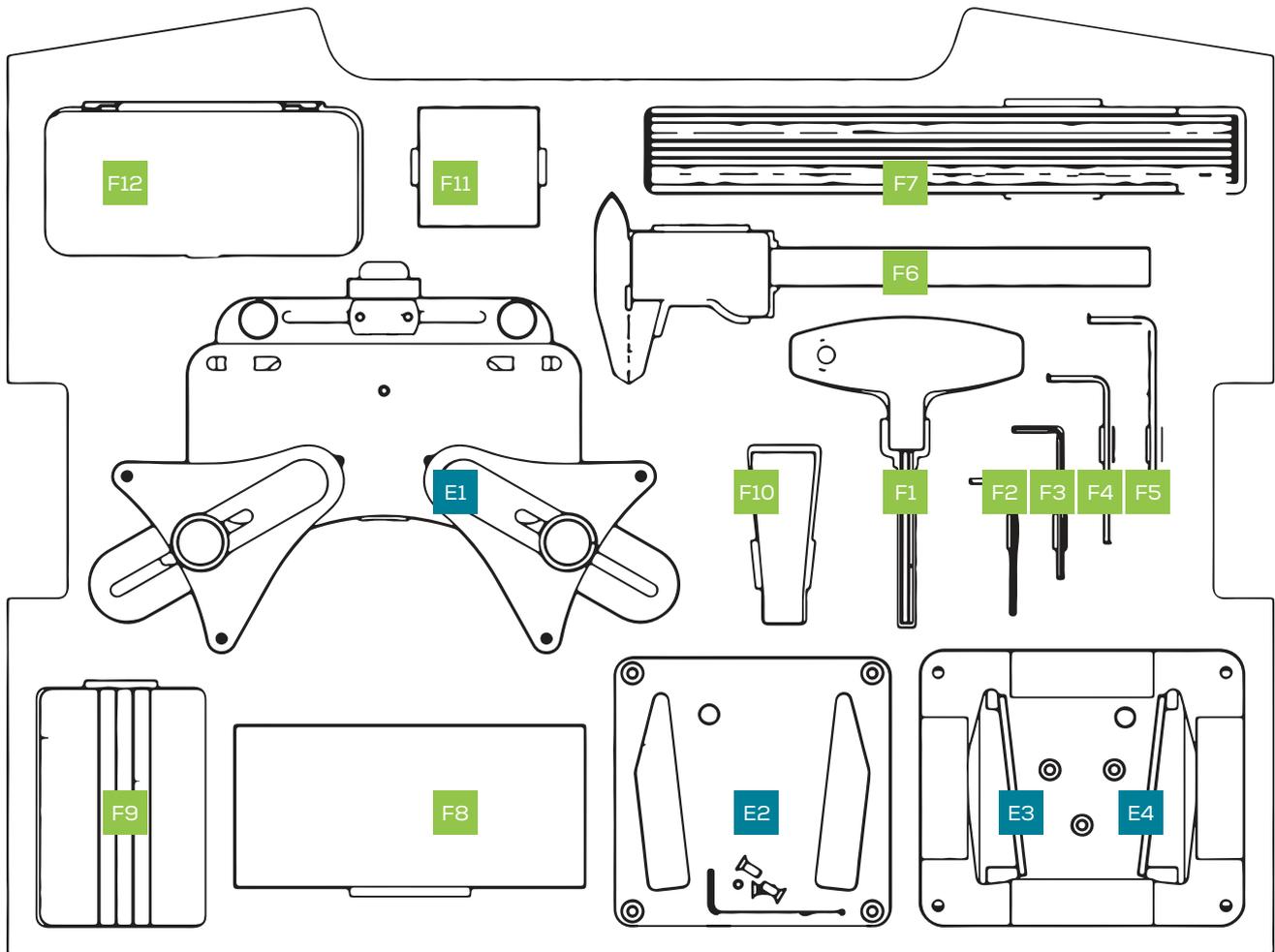
ID	Part No.	Name	QTY
B9	14.1220	L3D Swivel Unit S	1
B10	14.1222	L3D Swivel Unit S 22	1

TOOLS

ID	Part No.	Name	QTY
F13	00.5115	Instructions - Assessment Kit	1

Kit overview

1.4 Case inlay "Tools"



TOOLS

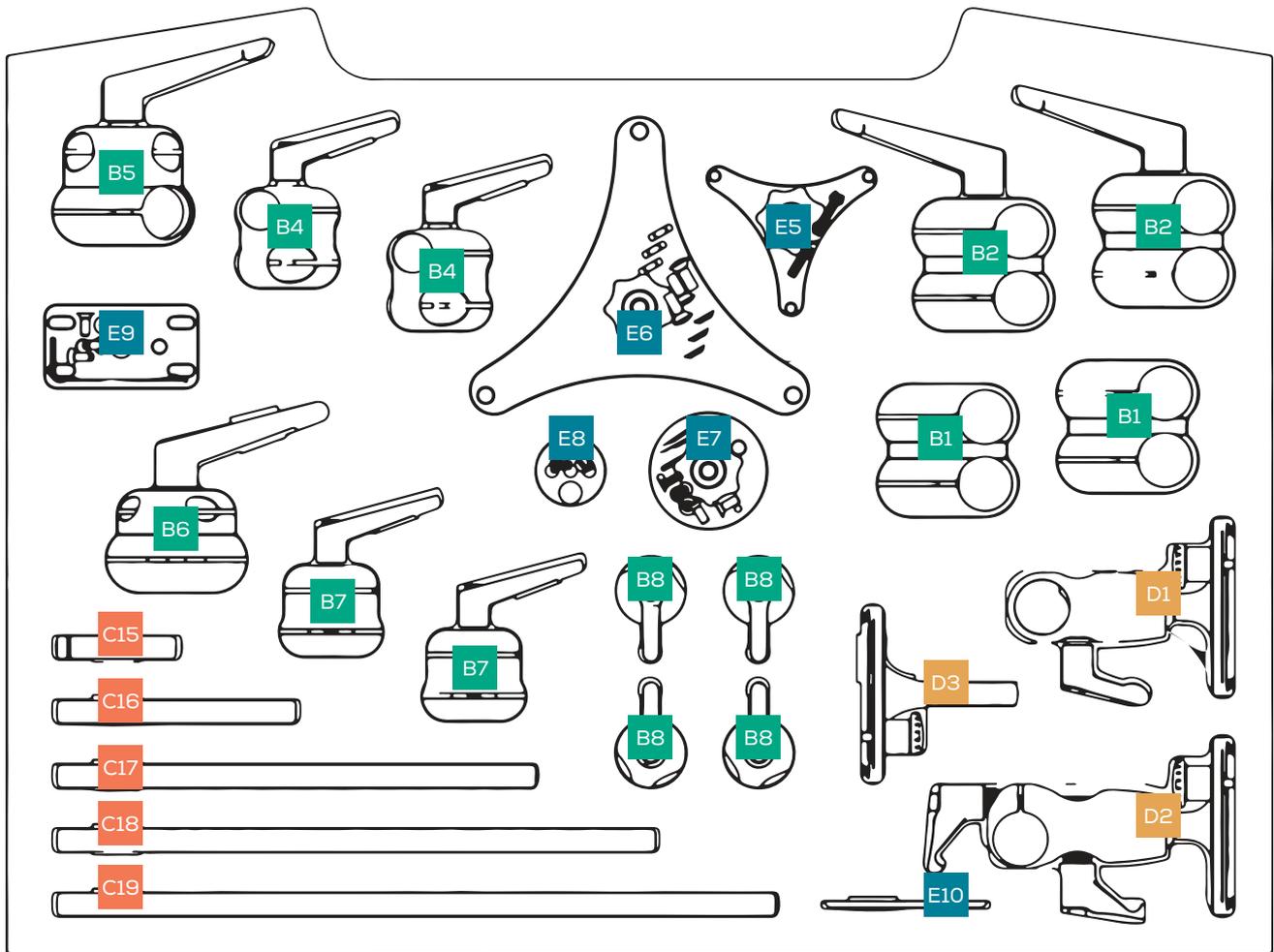
ID	Part No.	Name	QTY
F1	01.0027	T-Handle - Allen wrench 5mm	1
F2	01.0035	Allen wrench 2,5mm	1
F3	01.0002	Allen wrench 3mm	1
F4	01.0029	Allen wrench 4mm	1
F5	01.0014	Allen wrench 5mm	1
F6	01.0032	Digital caliper	1
F7	01.0045	Folding yardstick metric/english	1
F8	00.4016	Post-It	1
F9	01.0037	Assembly tool - Assessment Kit	1
F10	04.0012	OKS Lubricant (8ml)	1
F11	01.0078	Alcohol Wipes	6
F12	19.9113	M3D Assessment Kit - Box Screws	1

ADAPTERS

ID	Part No.	Name	QTY
E1	16.1220	GA Universal Tablet 7"-13"	1
E2	16.1123	GA Vesa 100x100	1
E3	16.1147	GA-Universal-F-116/135	1
E4	16.1148	GA-Universal-R-116/135	1

Kit overview

1.5 Case inlay "Joints and UDS"



JOINTS

ID	Part No.	Name	QTY
B1	11.1300	M3D 3 Universal	2
B2	11.1350	M3D 3 Universal QS	2
B4	14.1250	L3D 16-16 QS	2
B5	14.1253	L3D 22-16 QS	1
B6	14.1264	L3D 22-10 QS	1
B7	14.1251	L3D 16-10 QS	2
B8	14.1252	L3D 10-10 QS	4

SOCKETS

ID	Part No.	Name	QTY
D1	16.1050	UDS-22 QuickShift	1
D2	16.1051	UDS-22-DC	1
D3	14.1516	L3D UDS	1

ADAPTERS

ID	Part No.	Name	QTY
E5	15.1003	MA-AbleNet JellyBean	1
E6	15.1002	MA-AbleNet BigRed	1
E7	15.1006	MA-AbleNet Specs	1
E8	14.1582	L3D GA PikoButton	1
E9	14.1583	L3D GA Universal#1	1
E10	16.1224	GA Universal 70/50	1

TUBES

ID	Part No.	Name	QTY
C15	14.9511	Tube Ø10x50 1/4" UNC	5
C16	14.9512	Tube Ø10x100	1
C17	14.9514	Tube Ø10x200	1
C18	14.9515	Tube Ø10x250	2
C19	14.9516	Tube Ø10x300	1

Parts description

2.1 Bases

BASES

A1 M3D RKL 25

Monty 3D frame clamp to mount on round wheelchair frames with Ø25 mm (1").

A2 M3D RKL 30

Monty 3D frame clamp to mount on round wheelchair frames with Ø30 mm.

A2 M3D RKL 32

Monty 3D frame clamp to mount on round wheelchair frames with Ø32/31 mm.

A4 M3D RKL-T 25

Monty 3D semi-open frame clamp for tube type Ø25 mm (1"). Apply when frame tube is not fully accessible (e.g. overlying seat).

A5 M3D RKL-E30-70

Frame clamp for rectangular wheelchair frame elements from 30 – 70 mm (1 3/16" – 2 3/4") thick.

A6 M3D-RKL-M8-Mini

Monty 3D special frame clamp with M8 screws for mounting under the crash bracket of the wheelchairs with Ø8 mm threaded holes.

A7 M3D RKL-E30

Frame-clamp for rectangular wheelchair frame elements up to 30 mm (1 3/16") thick.

A8 T-Nut 16/6,5

Monty 3D T-nut frame adapter for C-Profile railing max. 16 mm x 6.5 mm (15/16" x 1/4"). Suitable for the powered wheelchairs from "Quantum" or "Invacare".

A9 M3D AdapterRing

Monty 3D base mounting adapter to bolt to any flat surface. Combine with Base Special or Swivel Special to build a full unit.

A10 M3D Service Kit Box - T-Nut

Plastic box containing a assortment of parts that can be used in combination with Rehadapt's frame clamps. The T-nuts were designed to fit wheelchair frames with a multitude of different slot profiles.

A11 M3D Base Special

Mount-side half of Monty 3D base unit – without frame adapter. Combine with any frame clamp or adapter to build an individual base unit.

A12 M3D 2-Swivel-Joint-S Special

Mount-side half of swivel unit S. Frame adapter not included. Combine with any frame clamp or adapter to build an individual backlash-free, swivel unit S, attached directly to the wheelchair.

A13 M3D Indexing Slot

Indexing clamp for the M3D swivel joint. Allows the continuous transition between the positions "operating" and "entering". Additional latch for the "parked" position.

A14 M3D Base SuperClamp

Versatile SuperClamp with tube connector for Ø22,25 mm (7/8") tubes, with QuickShift levers. Mounts onto boards or other elements between 10 and 55 mm thickness.

A15 M3D 1-Basis Special Lock

Mount-side half of Monty 3D base unit. Combine with any frame clamp (not included) or adapter to build an individual base unit. Clamping of the tube achieved with an additional screw.

BASES

A16 L3D 16-Base SuperClamp Pin

Light 3D 16 base unit. Superclamp with Ø16 mm Pin to connect further L3D mount components. Suitable for boards or other angular & round structures sized 13 – 55 mm.

A17 L3D 16-Base Special

Light 3D 16 base unit special. Mount-side half of L3D 16 base unit – without frame adapter. Combine with any frame clamp to build individual Base for 16 mm (5/8") tubes.

A18 L3D 10-Base Special

Light 3D 10 base unit special. Mount-side half of L3D 10 base unit – without frame adapter. Combine with any frame clamp to build individual Base for 10 mm / 3/8" tubes.

A19 Sleeves 25→19 mm

Sleeves to support Ø19 mm (3/4") wheelchair frame tubing, to apply in RKL 25.

A20 Sleeves 25→20 mm

Sleeves to support Ø20 mm (13/16") wheelchair frame tubing, to apply in RKL 25.

A21 Sleeves 25→21 mm

Sleeves to support Ø21 mm (13/16") wheelchair frame tubing, to apply in RKL 25.

A22 Sleeves 25→22 mm

Sleeves to support Ø22,25 mm (7/8") wheelchair frame tubing, to apply in RKL 25.

A23 Sleeves 25→23 mm

Sleeves to support Ø23 mm (15/16") wheelchair frame tubing. Use in conjunction with RKL 25 (11.1125).

A24 M3D Offset Link 1 1/2"

Monty 3D universal offset spacer 38 mm (1 1/2") to be applied between any mating M3D Ø22,25 mm (7/8") tube joint, base or swivel unit components.

A25 M3D Offset Link 1"

Monty 3D universal offset spacer 25 mm (1") to be applied between any mating M3D Ø22,25 mm (7/8") tube joint, base or swivel unit components.

A26 M3D Base Coupler

Quick release coupler to easily remove the entire mount off the frame clamp (complete assembly). Magnet-guided connection and securing hand lever ensure maximum operation safety and ergonomics.

A27 M3D Base Coupler Inner

Receiving half of the M3D Base Coupler, to fit a Base Coupler equipped mount to a secondary wheelchair with minimal resources. Requires the right-sized frame clamp to get attached to the chair.

A28 L3D 10 MiniClamp QS

Small universal tubeclamp for 13 to 35 mm tubes (1/2" to 1 3/8") with rubberized clutches. Quick toolless fixation through clamping lever, decent grip. Includes 3D QuickShift joint to attach SLS switch adapter or 10 mm (3/8") tube.

A29 L3D 10-Base E16

Light 3D 10 base unit with frame clamp for rectangular elements from 10 to 16 mm (3/8" to 5/8") wide, holds 10 mm (3/8") L3D tubes.

Parts description

2.2 Tubes and joints

TUBES

C1 Tube Ø22x200

Monty 3D universal joint. Connects two Ø22,25 mm (7/8") tubes. Fully adjustable in 3D. Locking with an Allen screw.

C2 Tube Ø22x300

Monty 3D universal QuickShift joint. Connects two Ø22,25 mm (7/8") tubes. Fully adjustable in 3D. Quick adjustment with the clamping lever. No tools required.

C3 Tube Ø22x400

Monty 3D swivel unit S (backlash-free). Swings the mount between the positions "operating", "exiting", and parked" when the QuickShift lever is unlocked. Mount removable.

Clamping force adjustable.

C4 Tube Ø22x500

Light 3D 16/16 QS connector with a QuickShift lever. Connects two 16 mm (5/8") tubes. Unlimited 3D adjustment.

C5 M3D HD Upgrade-Kit

Connects a Ø22,25 mm (7/8") tube with a Ø16 mm (5/8") tube. Unlimited 3D adjustment. QuickShift lever for toolless fastening.

C6 Easy-Off-Kit

Light 3D 22/10 QS connector with QuickShift lever. Connects a Ø22,25 mm (7/8") tube to a Ø10 mm (3/8") rod.

Unlimited 3D adjustment.

C7 L-Tube R22,2

Light 3D 16/10 connector with a QuickShift lever. Connects a Ø16 mm (5/8") tube to a Ø10 mm (3/8") rod. Unlimited 3D adjustment.

C8 SG-Slip-Out Safeguard

Light 3D 10/10 QS connector with QuickShift lever. Connects two Ø10 mm (3/8") tubes. Unlimited 3D adjustment.

C9 Tube Ø16x200

Light 3D swivel unit (backlash-free) with lever. Clamping force adjustable. Indexing clamp included.

C10 Tube Ø16x250

Light 3D swivel unit with lever and indexing slot to be mounted on a Ø22,25 mm (7/8") Monty 3D tube.

C11 Tube Ø16x300

L3D tube. Diameter: 16 mm (5/8"). Length: 300 mm (12").

C12 Tube Ø16x350

L3D tube. Diameter: 16 mm (5/8"). Length: 350 mm (14").

C13 Tube Ø16x400

L3D tube. Diameter 16 mm (5/8"). Length: 400 mm (16").

C14 Flex-Tube Ø16x350

Light 3D flex-tube. Diameter: 16mm (5/8"). Length: 350mm (14").

C15 Tube Ø10x50 1/4" UNC

L3D rod with 1/4" threading for switch adapters on one side. Diameter: 10 mm (3/8"). Length: 50 mm (2").

C16 Tube Ø10x100

L3D rod. Diameter: 10 mm (3/8"). Length: 100 mm (4").

C17 Tube Ø10x200

L3D rod. Diameter: 10 mm (3/8"). Length: 200 mm (8").

C18 Tube Ø10x250

L3D rod. Diameter: 10 mm (3/8"). Length: 250 mm (10").

C19 Tube Ø10x300

L3D rod. Diameter: 10 mm (3/8"). Length: 300 mm (12").

JOINTS

B1 M3D 3 Universal

Monty 3D universal joint. Connects two Ø22,25 mm (7/8") tubes. Fully adjustable in 3D. Locking with an Allen screw.

B2 M3D 3 Universal QS

Monty 3D universal QuickShift joint. Connects two Ø22,25 mm (7/8") tubes. Fully adjustable in 3D. Quick adjustment with the clamping lever. No tools required.

B3 M3D 2 Swivel Unit S

Monty 3D swivel unit S (backlash-free). Swings the mount between the positions "operating", "exiting", and parked" when the QuickShift lever is unlocked. Mount removable.

Clamping force adjustable.

B4 L3D 16-16 QS

Light 3D 16/16 QS connector with a QuickShift lever. Connects two 16 mm (5/8") tubes. Unlimited 3D adjustment.

B5 L3D 22-16 QS

Connects a Ø22,25 mm (7/8") tube with a Ø16 mm (5/8") tube. Unlimited 3D adjustment. QuickShift lever for toolless fastening.

B6 L3D 22-10 QS

Light 3D 22/10 QS connector with QuickShift lever. Connects a Ø22,25 mm (7/8") tube to a Ø10 mm (3/8") rod.

Unlimited 3D adjustment.

B7 L3D 16-10 QS

Light 3D 16/10 connector with a QuickShift lever. Connects a Ø16 mm (5/8") tube to a Ø10 mm (3/8") rod. Unlimited 3D adjustment.

B8 L3D 10-10 QS

Light 3D 10/10 QS connector with QuickShift lever. Connects two Ø10 mm (3/8") tubes. Unlimited 3D adjustment.

B9 L3D Swivel Unit S

Light 3D swivel unit (backlash-free) with lever. Clamping force adjustable. Indexing clamp included.

B10 L3D Swivel Unit S22

Light 3D swivel unit with lever and indexing slot to be mounted on a Ø22,25 mm (7/8") Monty 3D tube.

Parts description

2.3 Sockets, adapters and tools

SOCKETS

D1 UDS-22 QuickShift

Universal Device Socket (UDS) with ball joint and QuickShift adjustment. Very easy handling due to the QuickShift handle that firmly secures all joints without the use of tools.

D2 UDS-22-DC

Universal Device Socket (UDS) with separate QuickShift clamping of ball joint and tube fixation. When re-positioning, the weight of the device remains supported due to 2nd clamp.

D3 L3D UDS

Universal Device Socket (UDS) with Spigot Link to use UDS-adapted devices on Rehadapt's Light 3D system.

ADAPTERS

E1 GA Universal Tablet 7"-13"

Highly adjustable tablet holder for mounting any tablet from 7" to 13", with and without protective cases, on Rehadapt's Universal Device Socket (UDS). Adjustable with knobs and with an Allen wrench size 2.5mm. Compatible with the EyeGaze Bracket (#16.1193).

E2 GA Vesa 100x100

Device adapter for mounting devices with VESA fittings (Hole pattern 100x100 mm/4"x4") on Rehadapt's Universal Device Socket (UDS). Fastening parts included. UDS not included.

E3 GA-Universal-F-116/135

Universal device adapter for mounting devices on Rehadapt's Universal Device Socket (UDS). Permanent fixation via strong adhesive tape. UDS not included.

E4 GA-Universal-R-116/135

Universal device adapter for mounting devices on Rehadapt's Universal Device Socket (UDS). Interchangeable fixation via Velcro tape. UDS not included.

E5 MA-AbleNet JellyBean

Device adapter for mounting AbleNet JellyBean or alike to MagicArm. Fastening parts included.

E6 MA-AbleNet BigRed

Device adapter for mounting AbleNet BigRed, BIGmack or alike to MagicArm. Fastening parts included.

E7 MA-AbleNet Specs

Device adapter for mounting BuddyButton, BigBuddyButton and AMDi Moon Switch to MagicArm. Fastening parts included.

E8 L3D GA PikoButton

Device adapter with the Spigot Link System (SLS) for mounting the PikoButtons small and large on Rehadapt's Light 3D system.

E9 L3D GA Universal#1

Device adapter with the Spigot Link System (SLS) for mounting the James, AMDi PartnerPlus, PartnerPlus4 & WobbleSwitch on Rehadapt's Light 3D system.

E10 GA Universal 70/50

Device adapter plate for mounting devices on Rehadapt's Universal Device Socket (UDS). Compatible with the Eye-Gaze holder (#16.1193).

TOOLS

F1 T-Handle - Allen wrench 5mm

T-Handle Allen wrench metric system (5 mm).

F2 Allen wrench 2,5mm

Allen wrench. Metric system (2,5 mm).

F3 Allen wrench 3mm

Allen wrench. Metric system (3 mm).

F4 Allen wrench 4mm

Allen wrench. Metric system (4 mm).

F5 Allen wrench 5mm

Allen wrench. Metric system (5 mm).

F6 Digital caliper

Carbon fiber caliper with a digital display. Measurement range: 0-150mm (0-6"). Accuracy: ±0.1mm.

F7 Folding yardstick metric/english

Wooden folding ruler with riveted lock joints. Metric and imperial system. Overall length: 2m (78").

F8 Post-It

Rehadapt Post-It to measure the diameter of tubes in both millimeters and inches. Maximum tube diameter: 46mm (1.8").

F9 Assembly tool - Assessment Kit

Tool used for easing the insertion of tubes into Rehadapt joints by widening the clamping gap.

F10 OKS Lubricant (8ml)

Lubricant to be applied on bolts and achieve the optimum tightening torque while protecting the threads from corrosion.

F11 Alcohol Wipes

Wipes for cleaning and disinfecting surfaces. Appropriate for cleaning Rehadapt's joints and tubes.

F12 M3D Assessment Kit - Box Screws

Plastic box containing a sortiment of the most common screws and washers used in Rehadapt's products.

F13 Instructions - Assessment Kit

Booklet containing the instructions for mounting the parts in Rehadapt's Assessment Kit.

Parts description

2.4 Attachment systems

Two attachment systems to choose from...



UDS

Rehadapt's comfortable quick release system



Rehadapt's signature Universal Device Socket provides a quick and easy way to snap devices onto a mount. Each device to be held by the system gets prepared by a device specific bracket, which is either already provided on many dedicated SGDs or can be ordered at your Rehadapt purchasing source. The brackets have a small footprint and remain permanently attached to the device. A wide selection of brackets is available for either dedicated communication aids or simple consumer electronic devices such as laptops, tablets or monitors. Some adapters are universal and fit many undefined devices.

In the Rehadapt Assessment kits some of the most common universal brackets are included to provide a solution for the mass common devices used in assessments (see Section 2.5). If the assessor has specific devices to be used frequently in trials, we kindly ask to check with your Rehadapt purchasing source for the specific adapter for the desired equipment.



SLS

a joint in which you insert the pin from the device cradle



For some elements that typically remain attached to the mount (e.g. buttons or joysticks) or for devices that get easily popped in and out to a fixation cradle (e.g. iPads and phones), we skip the effort of the UDS. In that case the device bracket / cradle has a spigot that is directly clamped into the last joint of the mount, in which it is fully adjustable in 360 degrees.

Parts description

2.5 Adapters

GA-Universal F

Universal adapter plate for devices with a flat back surface. The GA-Universal F comes with double faced adhesive tape pre-assembled. The double faced adhesive tape is only for use with one device.



GA-Universal R

Universal adapter plate for devices with a flat back surface. The GA-Universal R comes with Velcro tape pre-assembled on the adapter plate. You must only attach the other side of the Velcro tape on the device. Then you can put on and off the device from the adapter plate.



GA-VESA 100x100

Device adapter for mounting devices with VESA fittings (Hole pattern 100x100 mm/4"x4") on Rehadapt's Universal Device Socket (UDS). Fastening parts included. UDS not included.



GA Universal 70/50

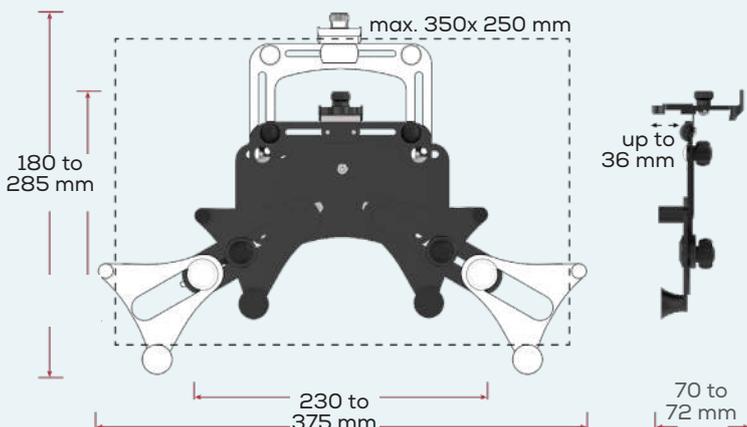
Device adapter plate for mounting devices on Rehadapt's Universal Device Socket (UDS). Compatible with the EyeGaze holder (#16.1193).



Universal Tablet Holder

Highly adjustable tablet holder for mounting any tablet from 7" to 13", with and without protective case, with a maximum thickness of 36 mm (1 1/2").

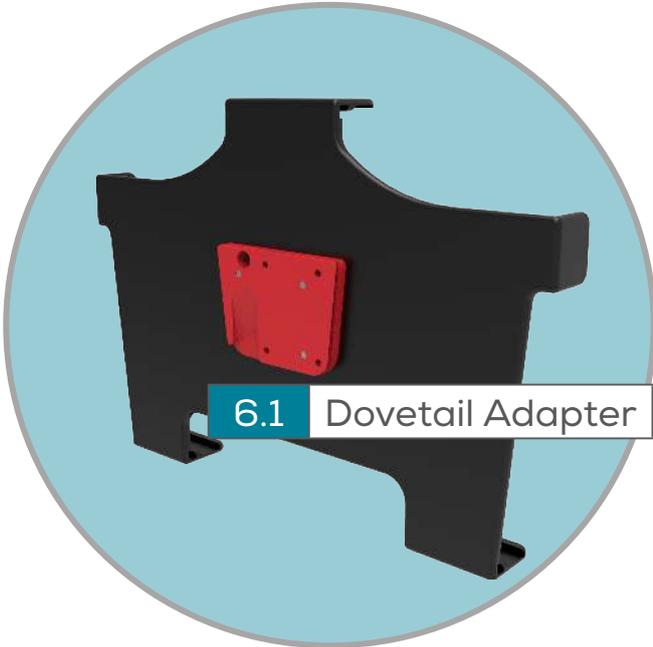
With its ingenious design, the Universal Tablet Holder keeps a firm hold on your tablet. The five holding points secure the device with minimal contact so that all connections are freely accessible and the view of the display remains unimpaired.



Can be combined with eye-tracker adapters. Fits tablets with and without protective cases (up to a maximum thickness of 36 mm).

Anatomy o

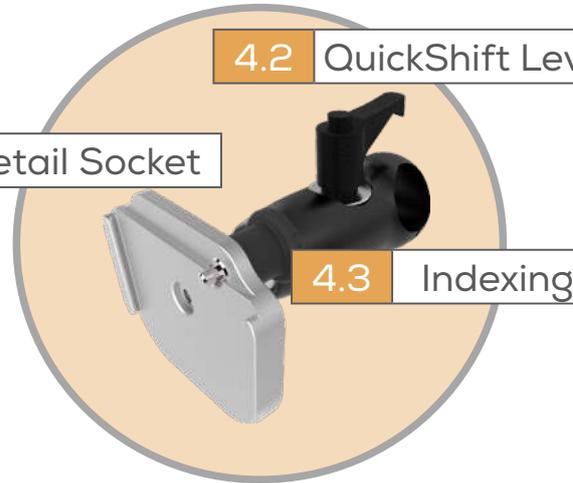
6.0 M3D Device Adapter



6.1 Dovetail Adapter



4.0 M

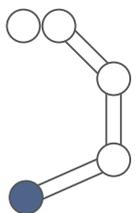
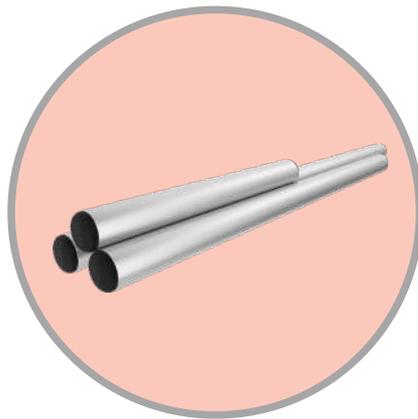


4.2 QuickShift Lever

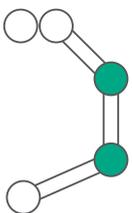
4.1 Dovetail Socket

4.3 Indexing

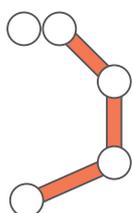
5.0 M3D Tubes Ø22



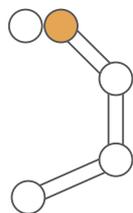
BASES



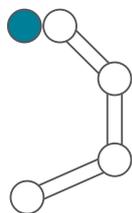
JOINTS



TUBES



SOCKETS



ADAPTERS

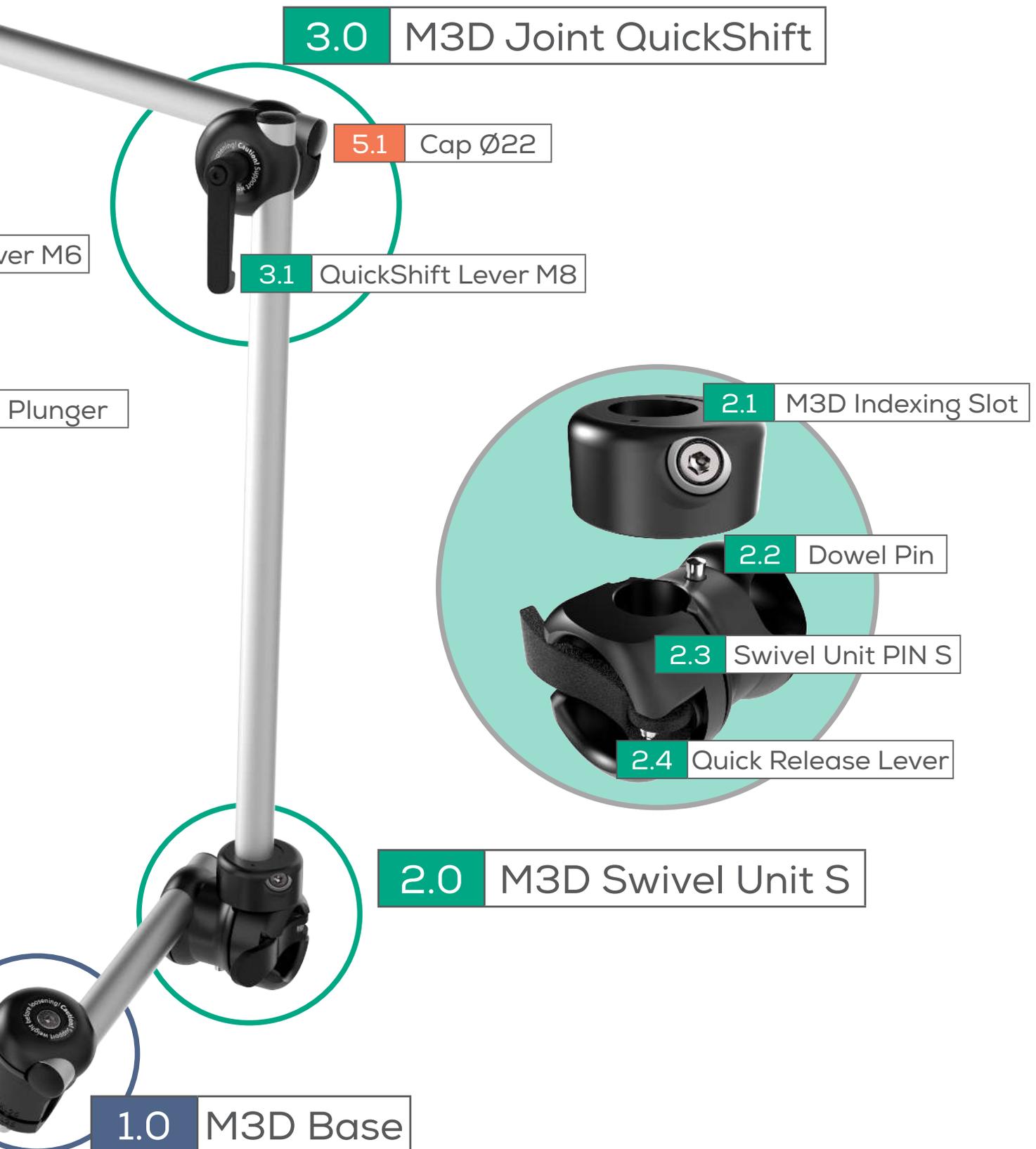
1.2 M3D Base Special

1.1 M3D Frame Clamp



f Monty 3D

M3D Universal Device Socket QuickShift



"M3D" Monty 3D Product line

We offer a wide range of mounting possibilities for any kind of device onto any kind of wheelchair. Our system is easy to use and quick to adjust even without tools.



Vast range of wheelchair frame clamps



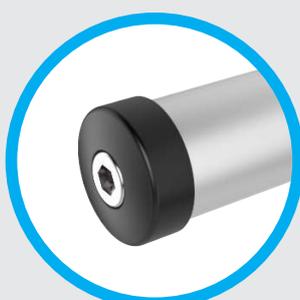
Quick coupler with magnetic guided connection



Special tubes: S-curved, L-curved and dual tube solutions



Universal Device Socket (UDS)



Ø 22mm tubes with optional slip-out safeguards



Tube connectors



M3D-Uni



M3D-Uni QS



M3D-Folding Joint

Swivel units

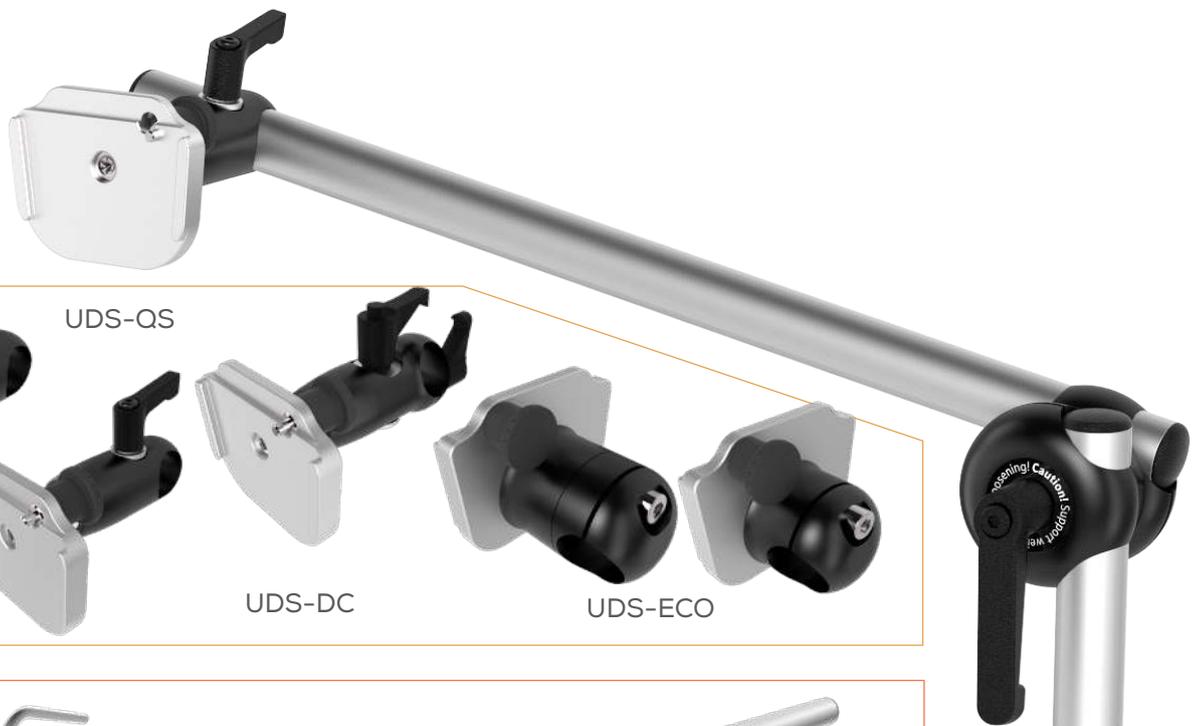


M3D Swivel Unit



M3D Swivel Unit S





Sockets

UDS UDS-QS UDS-DC UDS-ECO

Tubes

M3D S-Tubes M3D Tubekit M3D Tubes

Ø 22mm (7/8") in different lengths:
 200 mm (8")
 300 mm (12")
 400 mm (16")
 500 mm (20")
 600 mm (24")

M3D-HD Tubekit

Bases

M3D-RKL-E30 M3D-RKL-E30-70 M3D-RKL-Permobil M3D-RKL-T-Nut 16

M3D-RKL-25-45 Sleeves 14-23

M3D-RKL-T M3D-RKL-UniTrack

M3D wheelchair mounts

3.3 Products description

Monty 3D is a wheelchair mounting system for the use for mounting dedicated communication devices or notebooks on the standard round tubular frames of all wheelchair makes and models, with additional accessories, on square frames as well as electric wheelchairs. The unique joints make it possible for the mount to be easily adjusted in any position 3-dimensionally. All M3D models have 3 predefined positions: in-use, exiting and parked for easier use.

3.3.1 Monty 3D S

#11.2016

Wheelchair mount for communication devices and notebooks. Fully 3D-adjustable joints. 3 predefined positions: in-use, exiting and parked. A quick removal of the mount from the wheelchair is possible by easily pulling upwards.

Includes:

#11.1100	M3D-1-Basis	(part A1+A11)
#11.1220	M3D-2-Swivel Joint S	(part B3)
#11.1300	M3D-3 Universal	(part B1)
#11.1400	M3D-Kit	(part C1+C4+C3)
#16.1050	UDS QuickShift	(part D1)



3.3.2 Monty 3D QS

#11.2516

QuickShift wheelchair mount. Ergonomic quick adjustment by handles - w/o tools. Fully 3D-adjustable joints. 3 predefined positions: in-use, exiting and parked. Quick removal from the wheelchair by easily pulling upwards.

Includes:

#11.1100	M3D-1 Basis	(part A1+A11)
#11.1220	M3D-2-Swivel Joint S	(part B3)
#11.1350	M3D-3-QuickShift	(part B2)
#11.1400	M3D-Kit	(part C1+C4+C3)
#16.1050	UDS-QuickShift.	(part D1)



3.3.3 Monty 3D EyeControl

#11.2616

Specially equipped QuickShift wheelchair mount for EyeControl and other heavy devices. Ergonomic, quick adjustment by handles - w/o tools. Fully 3D-adjustable joints allowing for very precise positioning. 3 pre-defined positions: in-use, exiting and parked. Quick removal from the wheelchair by easily pulling upward.

Includes:

#11.1100	M3D-1 Basis	(part A1+A11)
#11.1220	M3D-2-Swivel Joint S	(part B3)
#11.1350	M3D-3-QuickShift	(part B2)
#11.1400	M3D-Kit	(part C1+C4+C3)
#16.1051	UDS-DC	(part D2)



M3D wheelchair mounts

3.3 Products description

3.3.4 Monty 3D EyeControl HD #11.2916

Heavy duty wheelchair mount for devices over 2.7kg (6lbs) with dual tube-Tube foundation and anti-sagging element. backlash-free, swivel function. Specify frame clamp upon order.

Includes:

#11.1125	M3D-RKL 25	(part A1)
#11.1403	M3D-HD-Upgrade Kit	(part C5)
#11.1220	M3D-2-Swivel Joint S	(part B3)
#01.5030	Tube Ø22x500	(part C4)
#11.1350	M3D-3-QuickShift	(part B2)
#01.5020	Tube Ø22x400	(part C3)
#16.1051	UDS-DC	(part D2)



Small yet very sturdy two-tube wheelchair mounts for short mounting length. Ideal for transport as the complete mount can be easily removed from the wheelchair, with only the clamp remaining.

3.3.5 Monty 2R #11.4500

Two-tube wheelchair mount with QuickShift joints for short mounting length. backlash-free, swivel function. Mount completely removable from the wheelchair. Specify frame clamp upon order.

Includes:

#11.1153	M3D-1 Base-Swivel-Kit S	(part A1+A12+A13)
#01.5020	Tube Ø22x400	(part C3)
#11.1350	M3D-3-QuickShift	(part B2)
#01.5010	Tube Ø22x300	(part C2)
#16.1050	UDS-QS	(part D1)

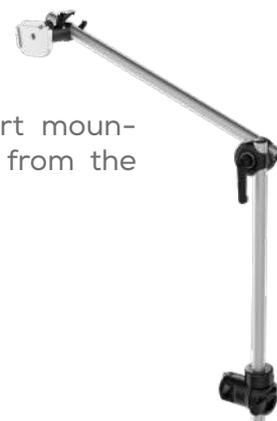


3.3.6 Monty 2R DC #11.4600

Two-tube QuickShift wheelchair mount with double-clamp UDS for short mounting length. backlash-free, swivel function. Mount completely removable from the wheelchair. Specify frame clamp upon order.

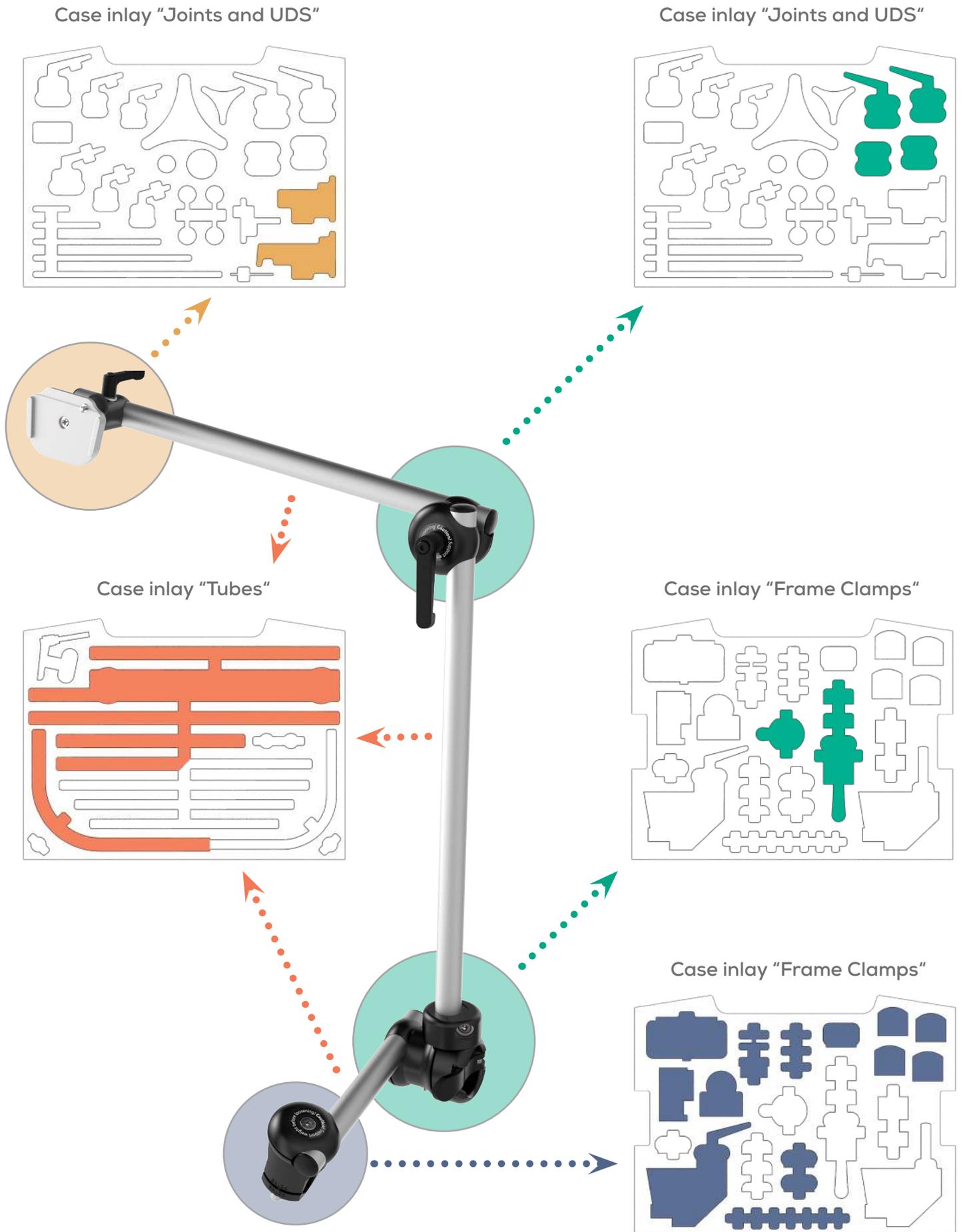
Includes:

#11.1153	M3D-1 Base-Swivel-Kit S	(part A1+A12+A13)
#11.1403	Tube Ø22x500	(part C4)
#11.1350	M3D-3-QuickShift	(part B2)
#11.1403	Tube Ø22x500	(part C4)
#16.1051	UDS-DC	(part D2)



M3D wheelchair mounts

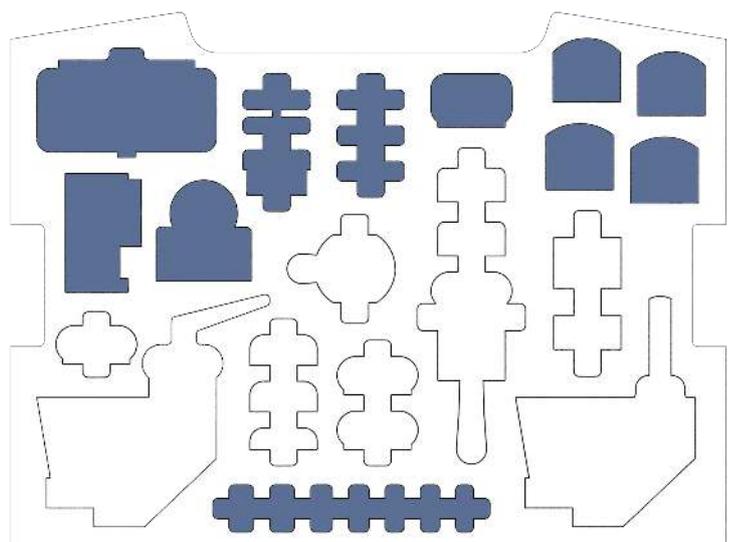
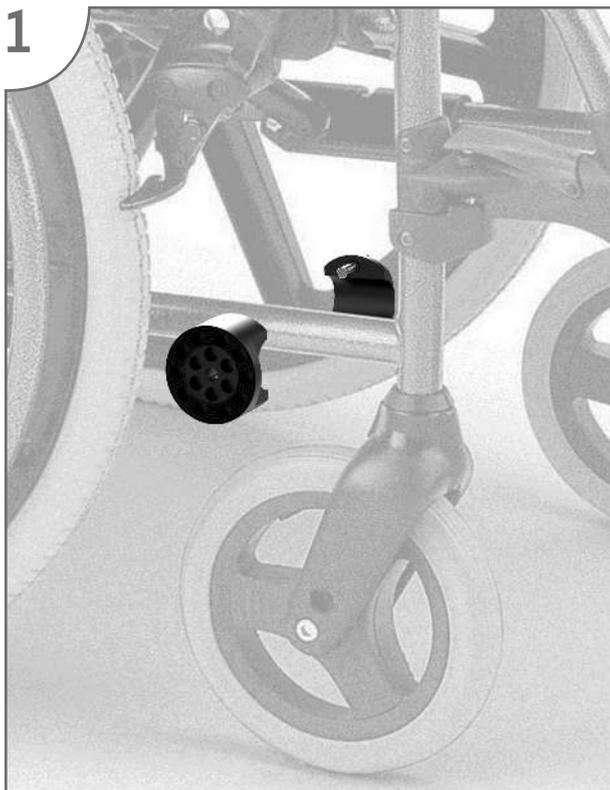
3.4 Mounting example



M3D wheelchair mounts

3.4 Mounting example

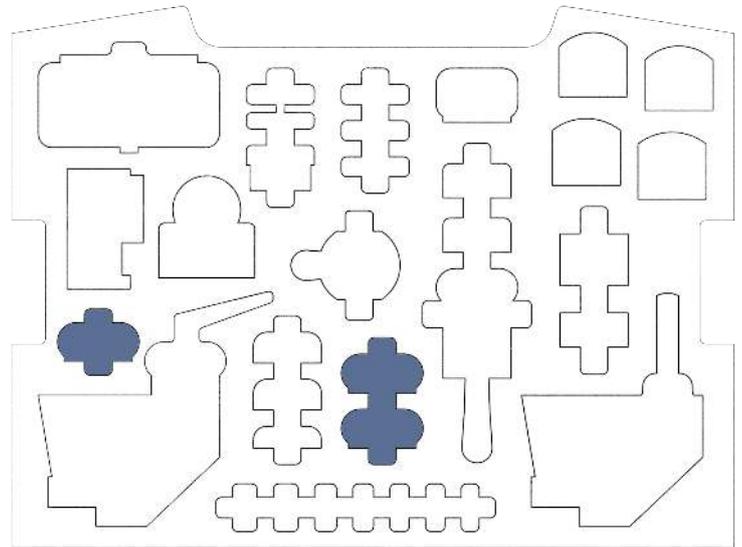
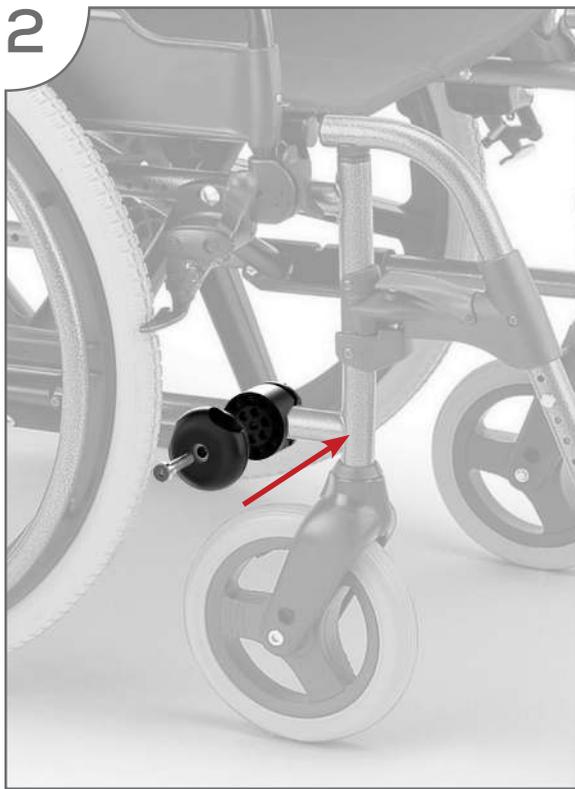
With the parts provided in the assessment kit, the possibilities for creating custom Monty 3D mounts are endless. You can choose among different frame clamps, joints, tubes and UDS. In the following pages, the installation of a representative three-tube solution is described.



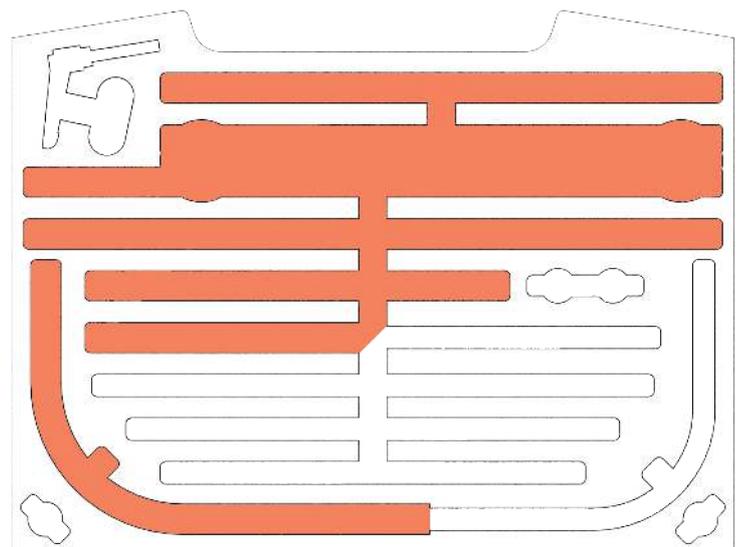
Select the frame clamp compatible with your wheelchair and secure it on the wheelchair frame. In this example, a round frame clamp is used. The instructions for the usage of the different frame clamps are listed in Appendix 8.

M3D wheelchair mounts

3.4 Mounting example



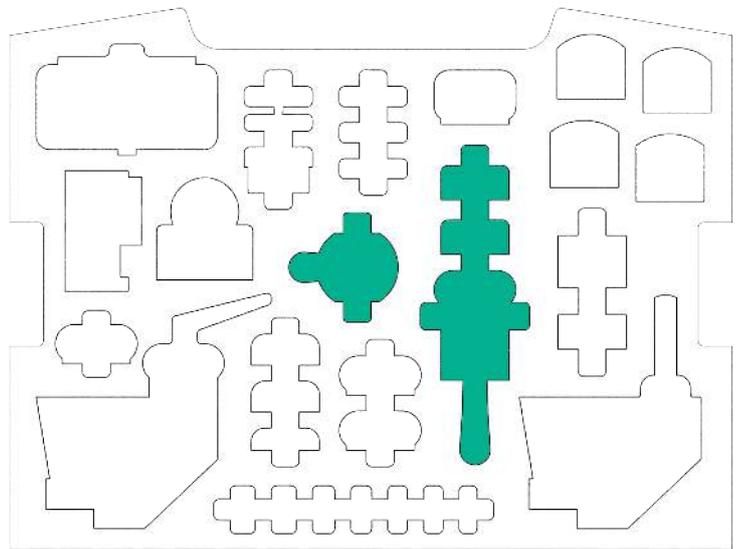
Mount the base special for that will work as a the coupling for the tubes.



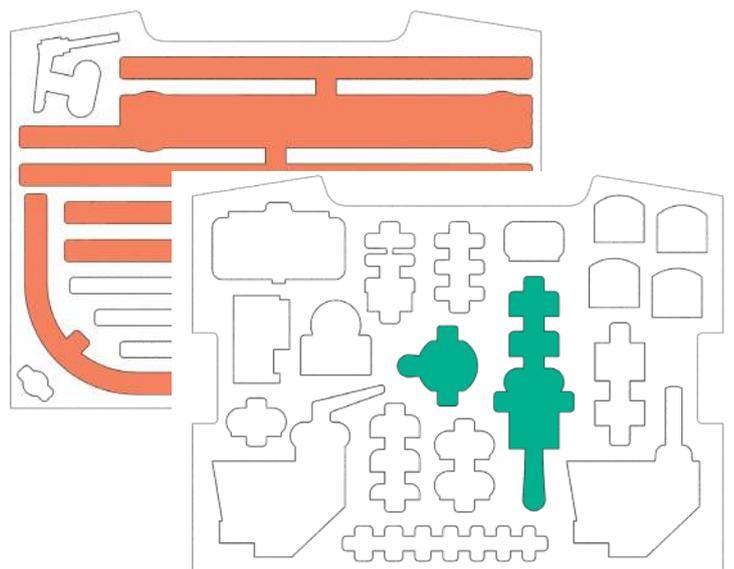
Select the first tube and insert it into the base. Then tightnen the bolt firmly to secure the tube in the desired position.

M3D wheelchair mounts

3.4 Mounting example



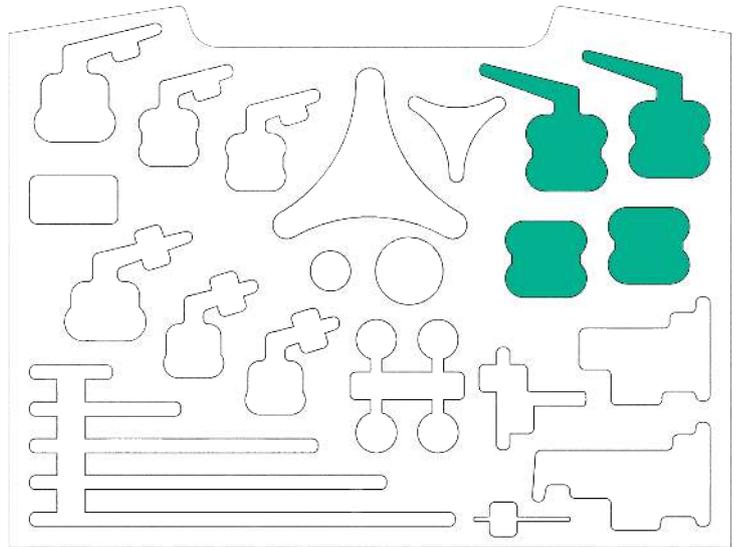
Select and attach the Swivel Unit S (#11.1220). For two-tube solutions, use the Swivel Joint S Special (#11.1221).



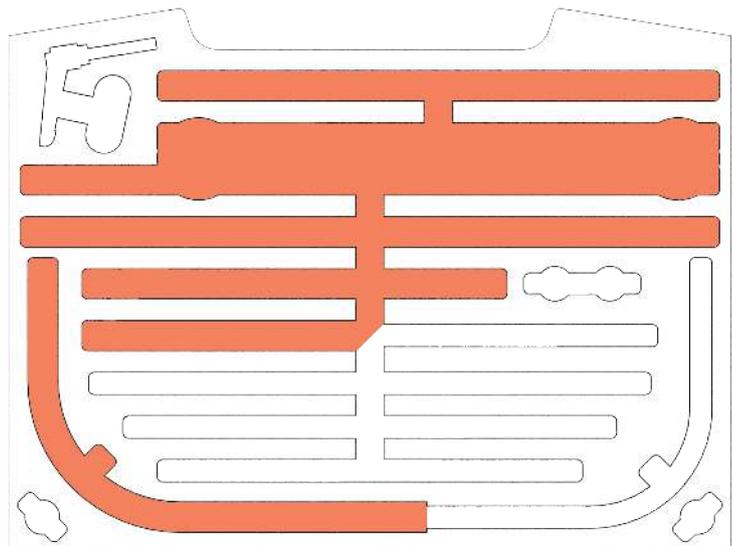
Select the second tube and attach the index slot (#11.1251) as shown.

M3D wheelchair mounts

3.4 Mounting example



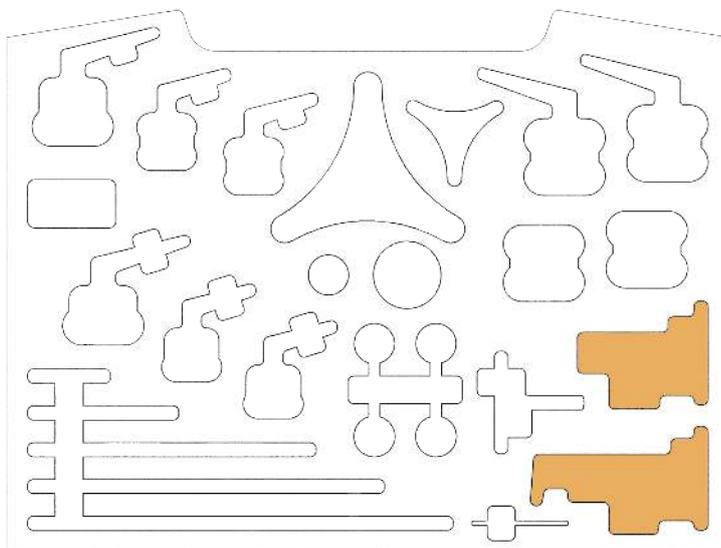
Insert the second tube into the swivel unit and attach a joint at the top.



Insert the third tube into the joint and tighten the joint with the lever/bolt.

M3D wheelchair mounts

3.4 Mounting example



Select the desired UDS (#16.1050 or #16.1051) and attach it to the first tube as shown.

M3D tabletops

4.1 Products description

Our range of M3D tabletops includes very sturdy mounts for all kind of devices. If you would like to place the device on top of a surface (even if uneven) our tablestands will hold and level the device in place. If you prefer to clamp the device to a piece of furniture our tableclamps are an even more secure mounting option. Either way, Rehadapt has the right solution for you!

4.1.1 Tableclamp TC

#12.1700

Tableclamp composed of a SuperClamp base and a L-tube $\text{\O}22\text{mm}$ ($\frac{7}{8}$ ""). Very flexible mount with QuickShift levers. Universal Device Socket included (UDS-22-DC).

Includes:

#12.1000	M3D Base SuperClamp	(part A14)
#12.5403	L-Tube $\text{\O}22$	(part C7)
#16.1051	UDS-DC	(part D2)



4.1.2 ClampOnMount

#12.1760

Tableclamp composed of a SuperClamp base, two tubes and joints with QuickShift levers for maximum versatility. Universal Device Socket included (UDS-22-DC).

Includes:

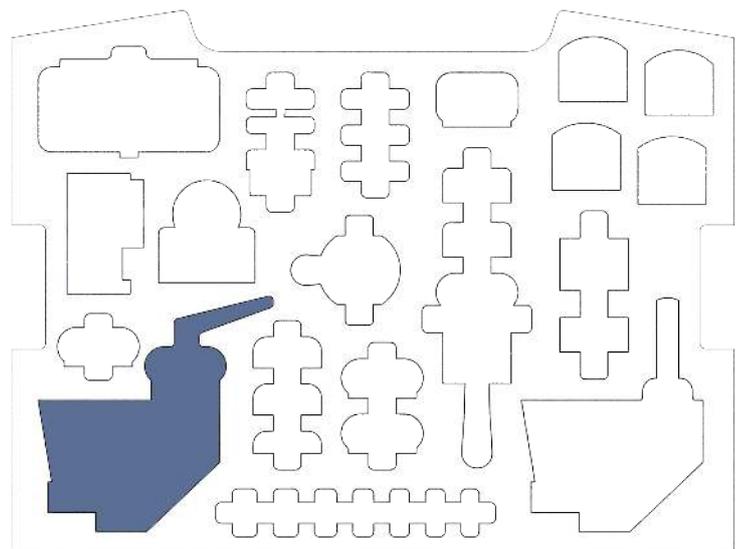
#12.1000	M3D Base SuperClamp	(part A14)
#12.5403	L-Tube $\text{\O}22$	(part C7)
#11.1350	M3D Universal QS	(part B2)
#01.5020	Tube $\text{\O}22 \times 400$	(part C3)
#16.1051	UDS-DC	(part D2)



M3D tabletops

4.2 Mounting example

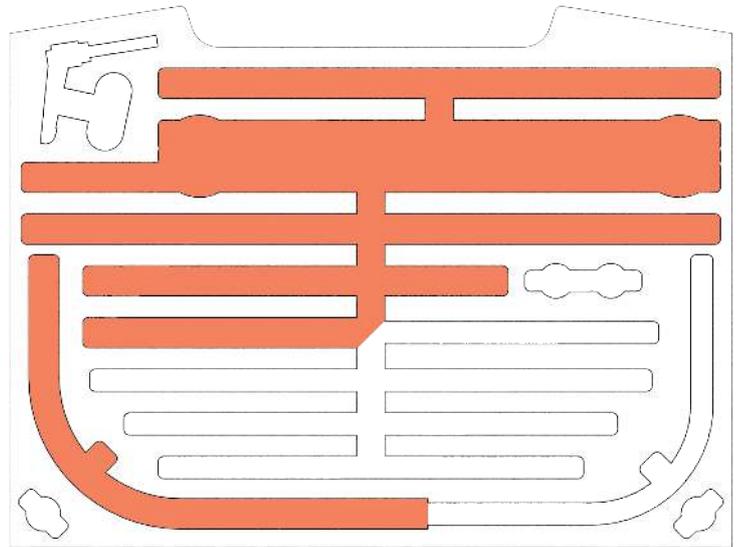
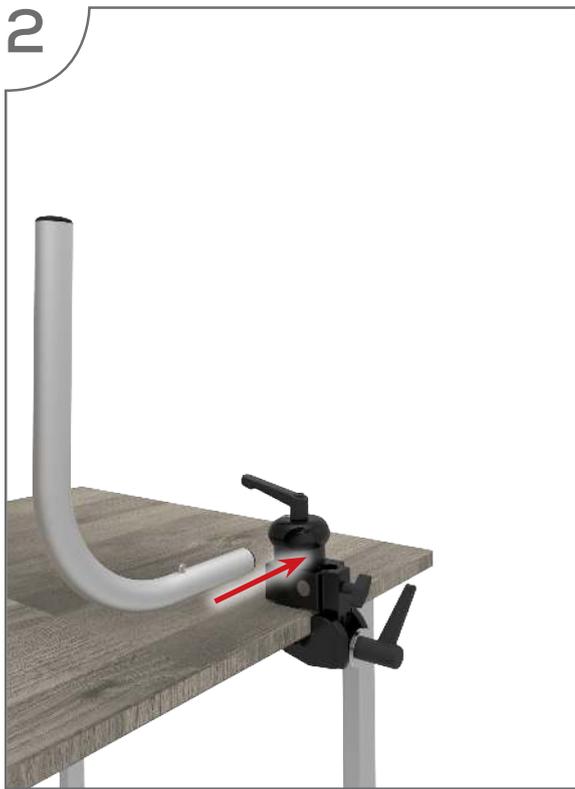
Using the M3D SuperClamp (#12.1000) as a base, countless possible tableclamps can be built. The example below shows how to build a ClampOnMount (#12.1760). Feel free to customize the mount to meet your specific need.



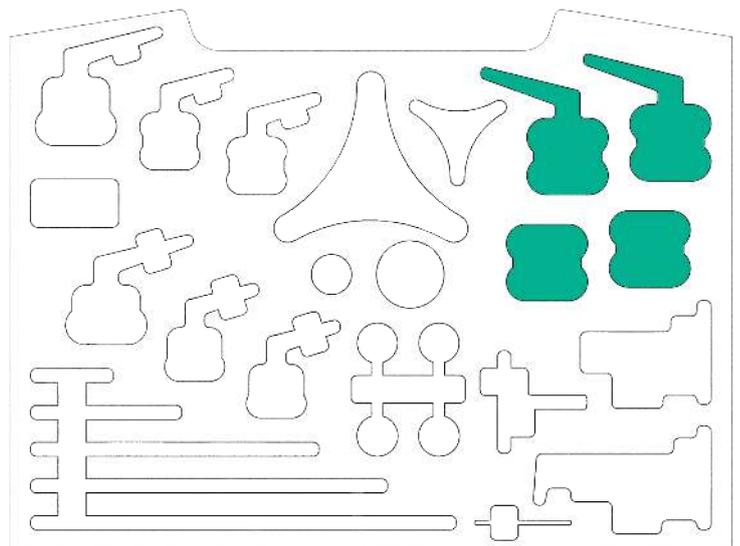
Select the SuperClamp and attach it firmly to the table using the larger lever.

M3D tabletops

4.2 Mounting example



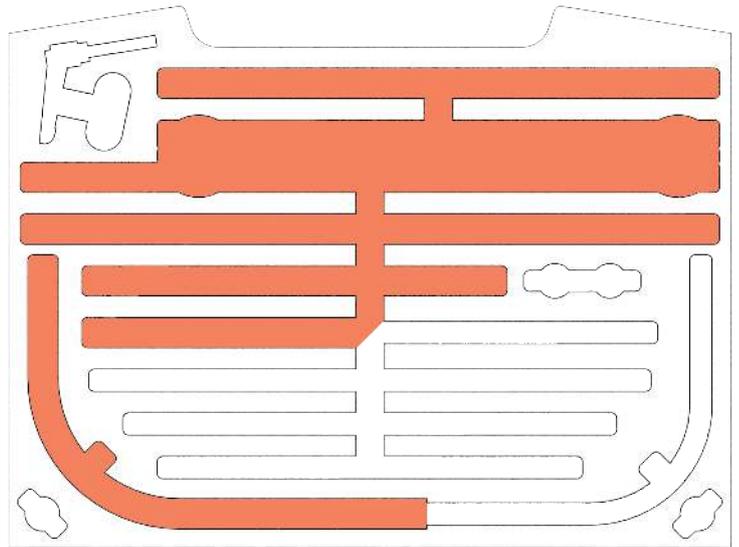
Select the first tube (e.g. L-tube) and tighten the top lever.



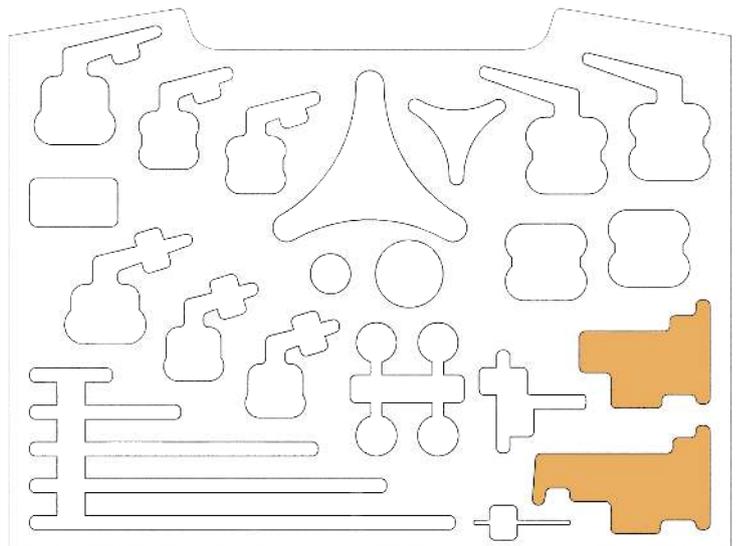
Add a joint to the mount (e.g. with QuickShift levers).

M3D tabletops

4.2 Mounting example



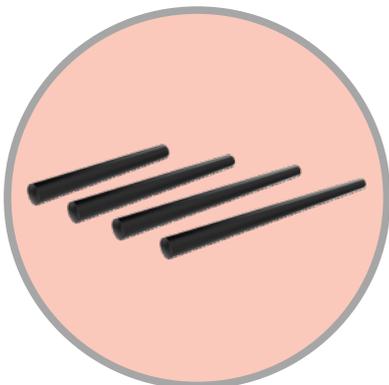
Add the second tube into the joint and secure it in place.



Select the desired UDS (#16.1050 or #16.1051) and attach it to the first tube as shown.

Anatomy of

5.0 L3D Tubes



5.1 L3D Tube Ø16

5.2 L3D Tube Ø10

3.0 L3D Joints



3.1 QuickShift Lever M6

3.0 L3D Joints



2.0 L3D Switch

2.1 L3D Indexing Slot



2.2 Dowel Pin



2.3 QuickShift Lever M6

1.0

1.2

1.3 QuickShift Lever M6

1.1 SuperClamp

nt QuickShift

3.1 QuickShift Lever M6

nt QuickShift

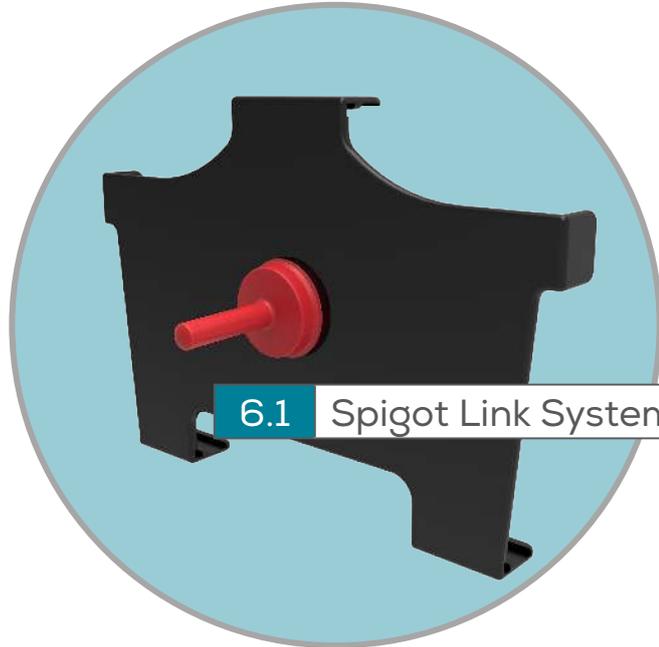
vel Unit S

.0 L3D Base Unit

L3D SuperClamp with Ø16 Pin

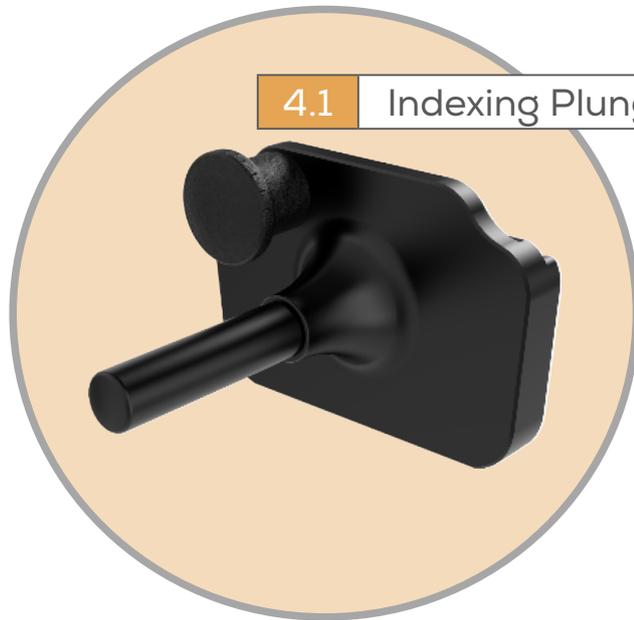


6.0 L3D Device Adapter

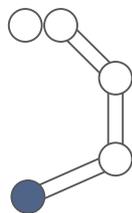


6.1 Spigot Link System

4.0 L3D Universal Device Socket



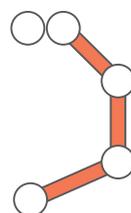
4.1 Indexing Plunger



BASES



JOINTS



TUBES



SOCKETS



ADAPTERS



You name it - we



all iPad models



all Microsoft Surface models

Adapters

\varnothing 10mm (3/8")
 and \varnothing 16 (5/8") in
 different lengths:

(2") 50 mm	
(4") 100 mm	
(6") 150 mm	only \varnothing 16mm (5/8")
(8") 200 mm	
(10") 250 mm	(14") 350mm
(12") 300 mm	(16") 400mm

Tubes

Bases All Rehadapt frame clamps are

Sleeves
14 - 23



Base unit

Joints

L3D 16/16	L3D 16/16 QS
L3D 16/10	L3D 16/10 QS
L3D 10/10	L3D 10/10 QS

available with a bolt
or a QuickShift lever



opening



exiting



in-use

hold it! See a few examples below.



all iPads with OtterBox cases



Samsung Galaxy



Universal Tablet Holder



Switches (e.g. Buddy & Specs or Jelly Bean, etc.)

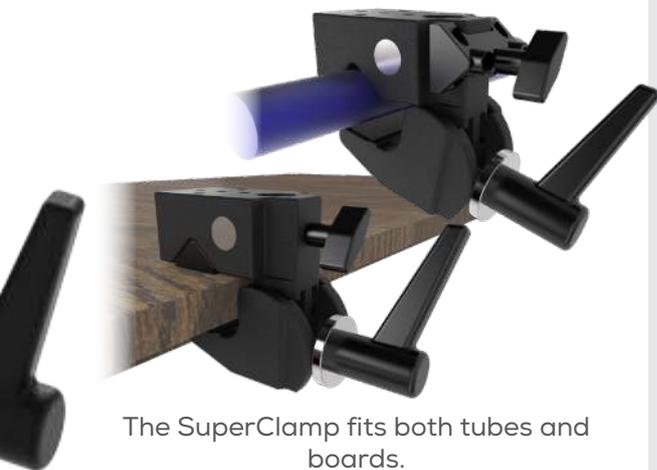
Compatible to our L3D system!



MiniClamp



SuperClamp



The SuperClamp fits both tubes and boards.

"L3D" Light 3D Product line

The L3D line offers lean and sleek design while still providing the core values of Rehadapt mounts, e.g. unlimited 3D-adjustability of the joints and light and ultra strong aluminium tubes.



Spigot Link System (SLS)



Ø10mm and Ø16mm tubes



Adapters for any device up to 1.2kg (2.5lb)



Frame clamps, MiniClamp, SuperClamp

L3D wheelchair mounts

5.3 Products description

Light 3D is a lightweight mounting system for holding communication aids, tablets or other devices with a maximal weight of 1.2kg (2.5lb). With the wide variety of frame clamps, the mounts can be secured to any wheelchair frame, whether the frame is tubular (round or with a different profile), square or has a C-profile (common in electric wheelchairs). Similarly to the M3D line, the Light 3D joints are extremely flexible and can be easily adjusted in any position 3-dimensionally.

5.3.1 Light 3D wheelchair 1 QS-U

#14.3151

Light 3D wheelchair mount with a single tube and a single QuickShift joint. Includes Universal Device Socket (UDS), Rehadapt's quick release adapter system.

Includes:

#11.1125	RKL 25	(part A1)
#14.1119	L3D 10 Base special	(part A18)
#14.9516	Tube Ø10x300	(part C19)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



5.3.2 Light 3D wheelchair 2 QS-U

#14.3152

Light 3D wheelchair mount with two tubes and two QuickShift joints. Includes a Universal Device Socket (UDS), Rehadapt's quick release adapter system.

Includes:

#11.1125	RKL 25	(part A1)
#14.1101	L3D 16 Base special	(part A17)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



5.3.3 Light 3D wheelchair 3 QS-U

#14.3153

Light 3D wheelchair mount with three Tubes, three tubes, two QuickShift joints and a swivel joint. Includes a Universal Device Socket (UDS), Rehadapt's quick release adapter system. Rehadapt's quick release adapter system.

Includes:

#11.1125	RKL 25	(part A1)
#14.1101	L3D 16 Base special	(part A17)
#14.9504	Tube Ø16x300	(part C11)
#14.1220	L3D-Swivel Unit S	(part B9)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



L3D wheelchair mounts

5.3 Products description

5.3.4 Light 3D-wheelchair 1 QS

#14.3051

Light 3D wheelchair mount with a single tube and a single QuickShift joint. Combine with any cradle or device adapter with the Spigot Link System (SLS).

Includes:

#11.1125	RKL 25	(part A1)
#14.1119	L3D 10 Base special	(part A18)
#14.9516	Tube Ø10x300	(part C19)
#14.1252	L3D 10/10 QS	(part B8)



5.3.5 Light 3D-wheelchair 2 QS

#14.3052

Light 3D wheelchair mount with two tubes and two QuickShift joints. Combine with any cradle or device adapter with the Spigot Link System (SLS).

Includes:

#11.1125	RKL 25	(part A1)
#14.1101	L3D 16 Base special	(part A17)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)



5.3.6 Light 3D-wheelchair 3 QS

#14.3053

Light 3D wheelchair mount with three tubes, two QuickShift joints and a swivel joint. Combine with any cradle or device adapter with the Spigot Link System (SLS).

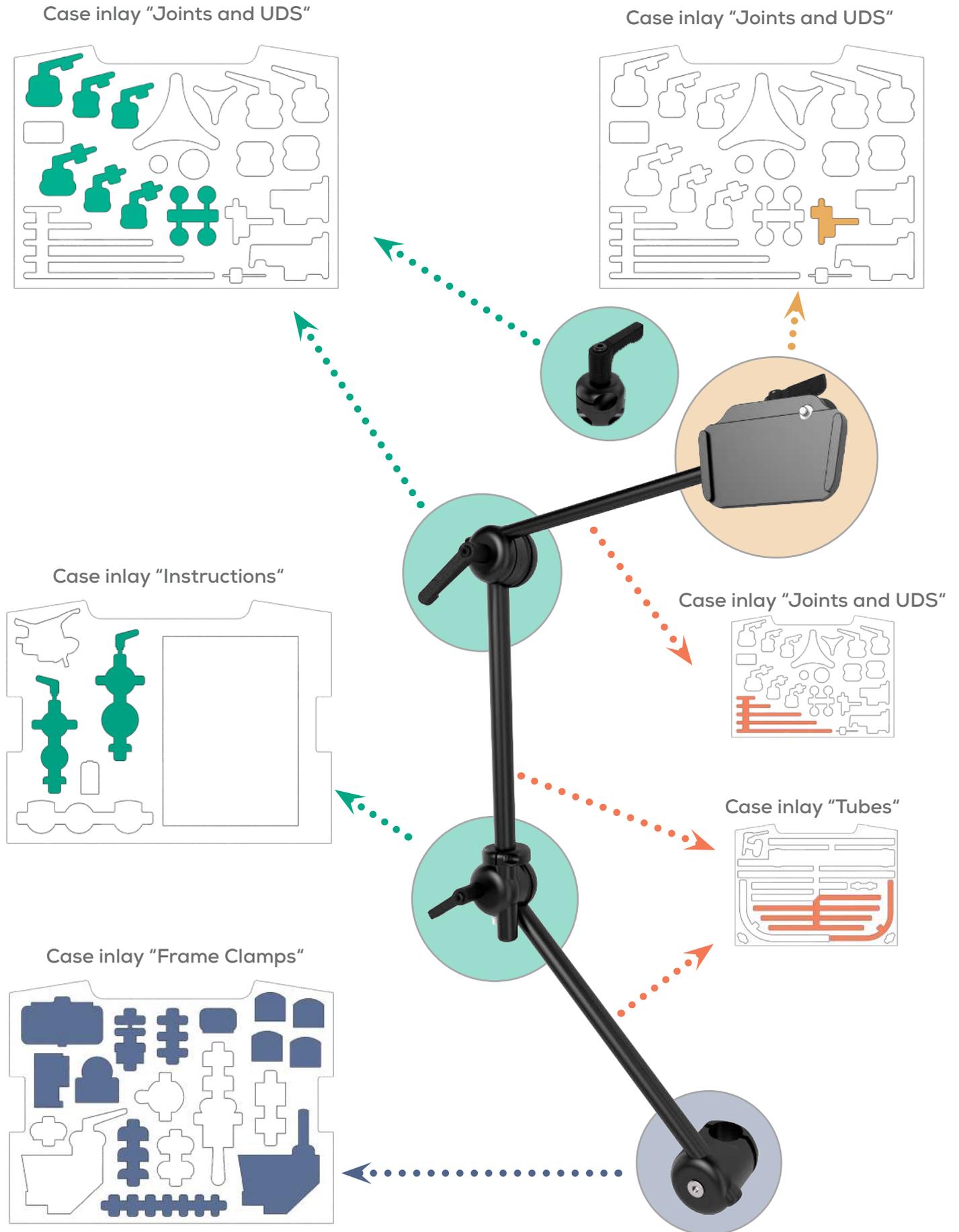
Includes:

#11.1125	RKL 25	(part A1)
#14.1101	L3D 16 Base special	(part A17)
#14.9504	Tube Ø16x300	(part C11)
#14.1220	L3D-Swivel Unit S	(part B9)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)



L3D wheelchair mounts

5.4 Mounting example



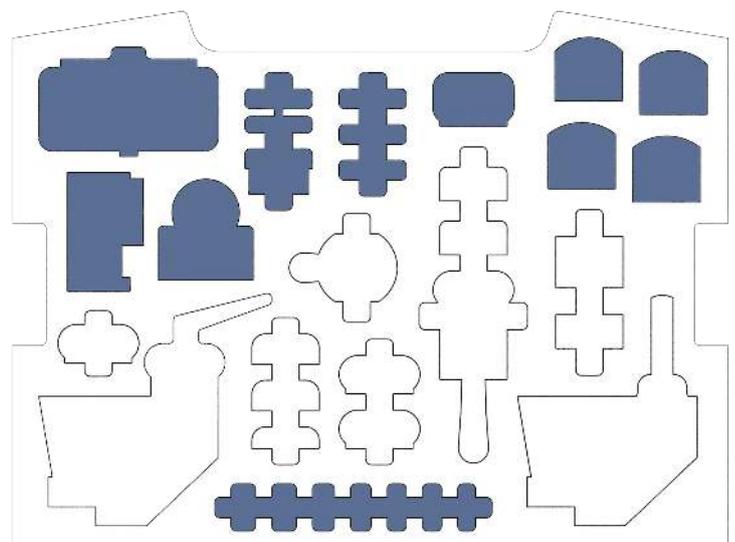
L3D wheelchair mounts

5.4 Mounting example

There are numerous mounting possibilities using the L3D parts provided in the Assessment Kit. You can choose among different frame clamps, joints, tubes and choose to use the dovetail quick release (UDS) or Spigot Link System (SLS). In the following pages, the installation of the L3D-WC 3QS-U (#14.3153) is described as a representative three-tube wheelchair mount.



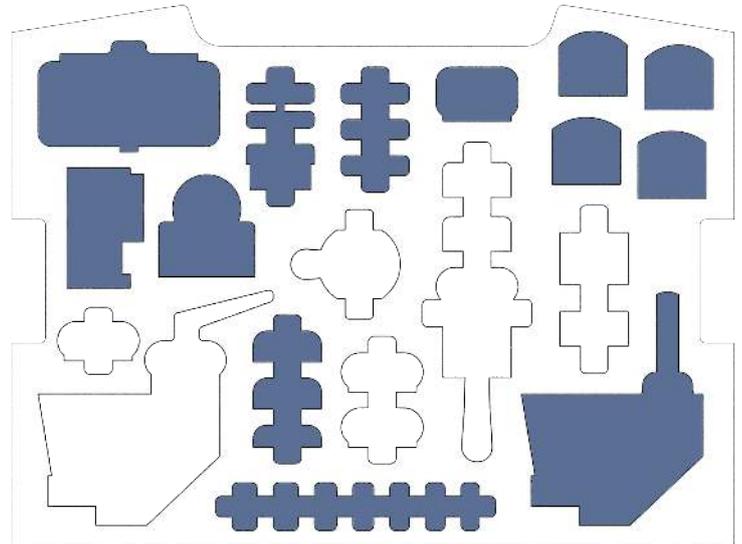
1



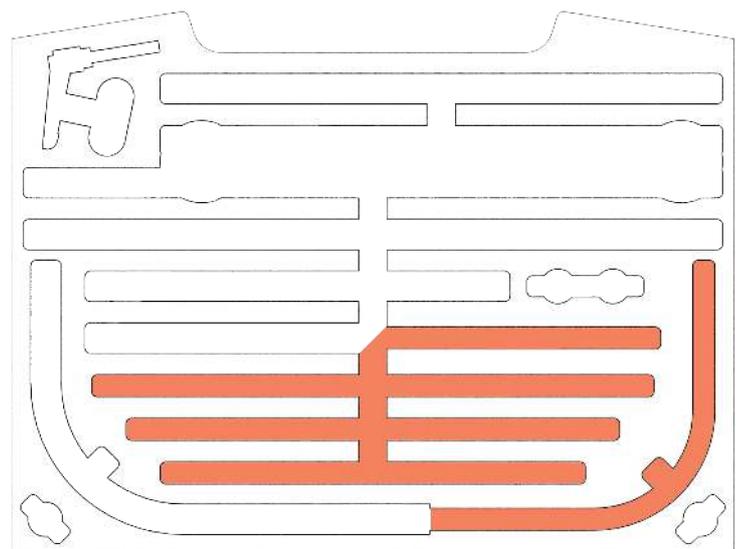
Select the frame clamp compatible with your wheelchair and secure it on the wheelchair frame. In this example, a round frame clamp is used. The instructions for the usage of the different frame clamps are listed in Appendix 8.

L3D wheelchair mounts

5.4 Mounting example



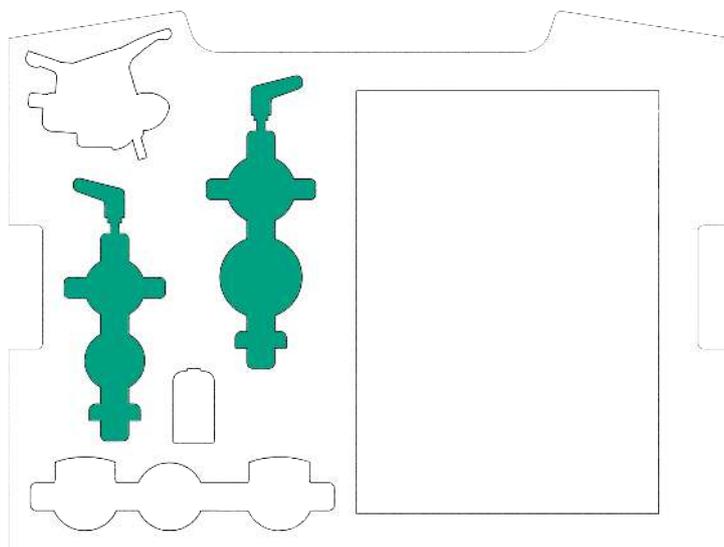
Mount the base special for that will work as a the coupling for the tubes.



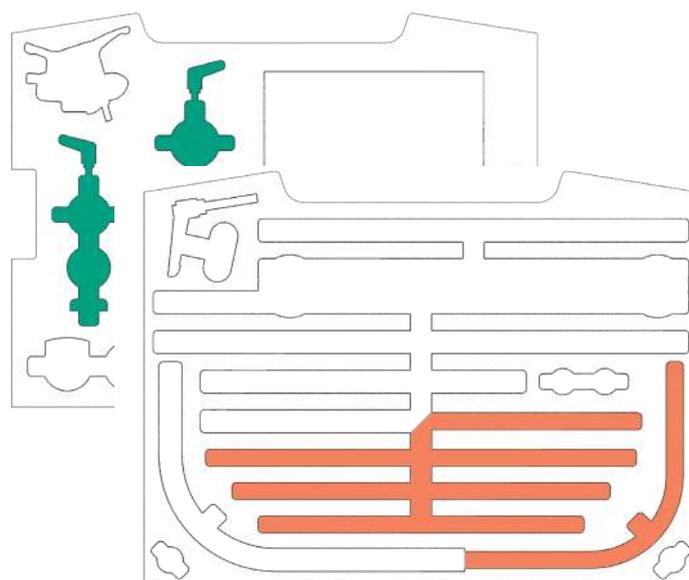
Select the first tube and insert it into the base. Then tighten the bolt firmly to secure the tube in the desired position.

L3D wheelchair mounts

5.4 Mounting example



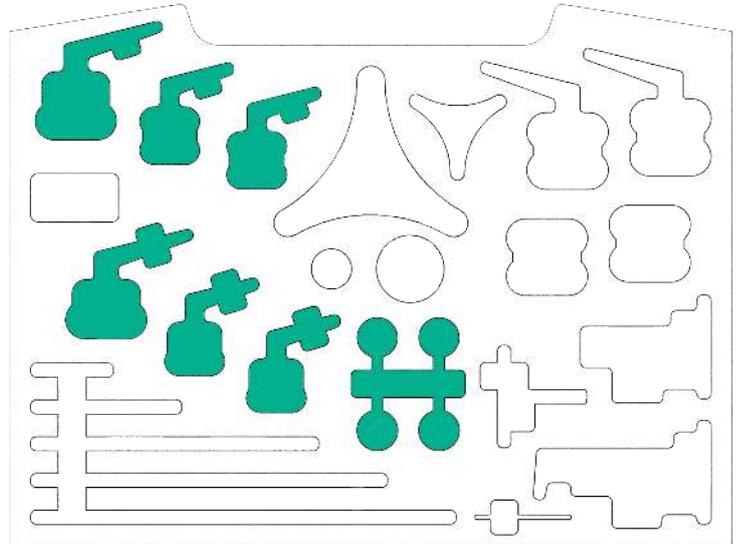
Select and attach the Swivel Unit S (#11.1220). For two-tube solutions, use the Swivel Joint S Special (#11.1221).



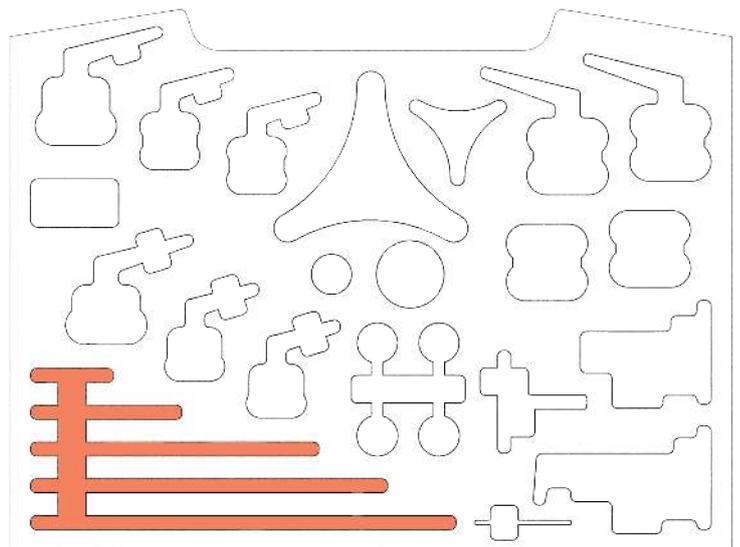
Select the second tube and attach the index slot (#11.1251) as shown.

L3D wheelchair mounts

5.4 Mounting example



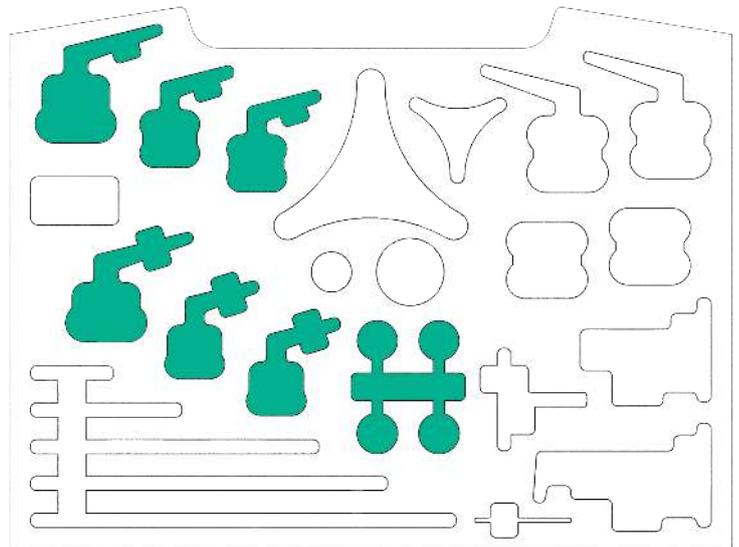
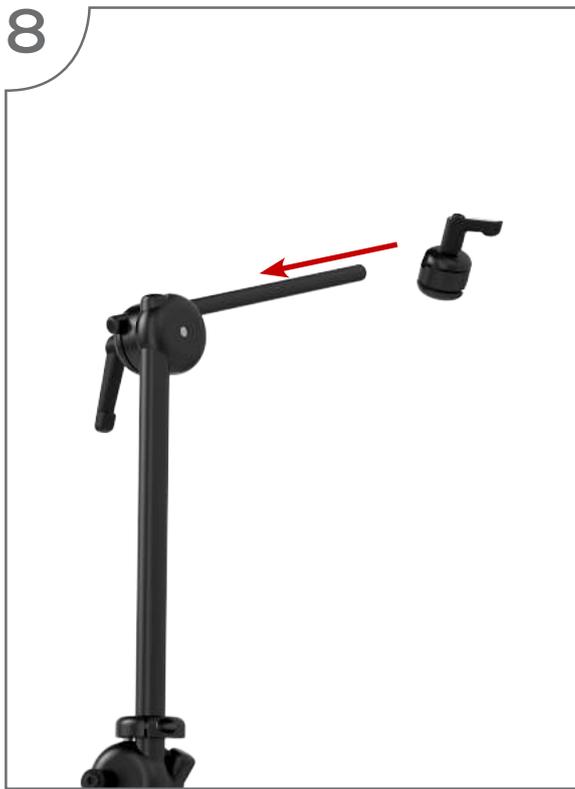
Insert the second tube into the swivel unit and attach a joint at the top.



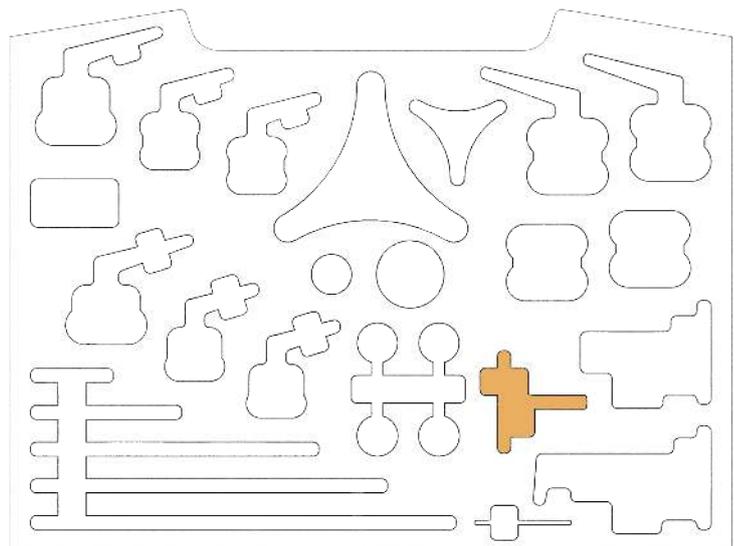
Insert the third tube into the joint and tighten the joint with the lever/bolt.

L3D wheelchair mounts

5.4 Mounting example



Insert a joint on the last tube.



Select and insert the L3D UDS into the joint and secure it with the QuickShift lever.

As an alternative, you may connect a cradle with the Spigot Link System (SLS) into the joint.

L3D tabletops

6.1 Products description

Our range of L3D tabletops includes a number of different tableclamps that can be clamped to a piece of furniture using our SuperClamp. L3D tabletops are suitable for holding communication aids, tablets or other devices with a maximal weight of 1.2kg (2.5lb). Similarly to the M3D line, the Light 3D joints are extremely flexible and can be easily adjusted in any position 3-dimensionally.

6.1.1 Light 3D tableclamp 1 QS-U

#14.4151

Light 3D tableclamp composed of a SuperClamp base, a single tube and two QuickShift joints. Includes a Universal Device Socket (UDS), Rehadapt's quick release adapter system.

Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1251	L3D 16/10QS	(part B7)
#14.9516	Tube Ø10x300	(part C19)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



6.1.2 Light 3D tableclamp 2 QS-U

#14.4152

Light 3D tableclamp composed of a SuperClamp base, two tubes and three QuickShift joints. Includes a Universal Device Socket (UDS), Rehadapt's quick release adapter system.

Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1250	L3D 16/16QS	(part B4)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



6.1.3 Light 3D tableclamp 3 QS-U

#14.4153

Light 3D tableclamp composed of a SuperClamp base, a three tubes, three QuickShift joints and a swivel joint. Includes a Universal Device Socket (UDS), Rehadapt's quick release adapter system.

Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1250	L3D 16/16QS	(part B4)
#14.9504	Tube Ø16x300	(part C11)
#14.1220	L3D-Swivel Joint S	(part B9)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)
#14.1500	L3D UDS	(part D3)



L3D tabletops

6.1 Products description

6.1.4 Light 3D tableclamp 1 QS

#14.4051

Light 3D tableclamp composed of a SuperClamp base, a single tube and two QuickShift joints. Combine with any cradle or device adapter with the Spigot Link System (SLS).

Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1251	L3D 16/10QS	(part B7)
#14.9516	Tube Ø10x300	(part C19)
#14.1252	L3D 10/10 QS	(part B8)



6.1.5 Light 3D tableclamp 2 QS

#14.4052

Light 3D tableclamp composed of a SuperClamp base, a three tubes, three QuickShift joints and a swivel joint. Combine with any cradle or device adapter with the Spigot Link System (SLS).

Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1250	L3D 16/16QS	(part B4)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)



6.1.6 Light 3D tableclamp 3 QS

#14.4053

Light 3D tableclamp composed of a SuperClamp base, a three tubes, three QuickShift joints and a swivel joint. Combine with any cradle or device adapter with the Spigot Link System (SLS).

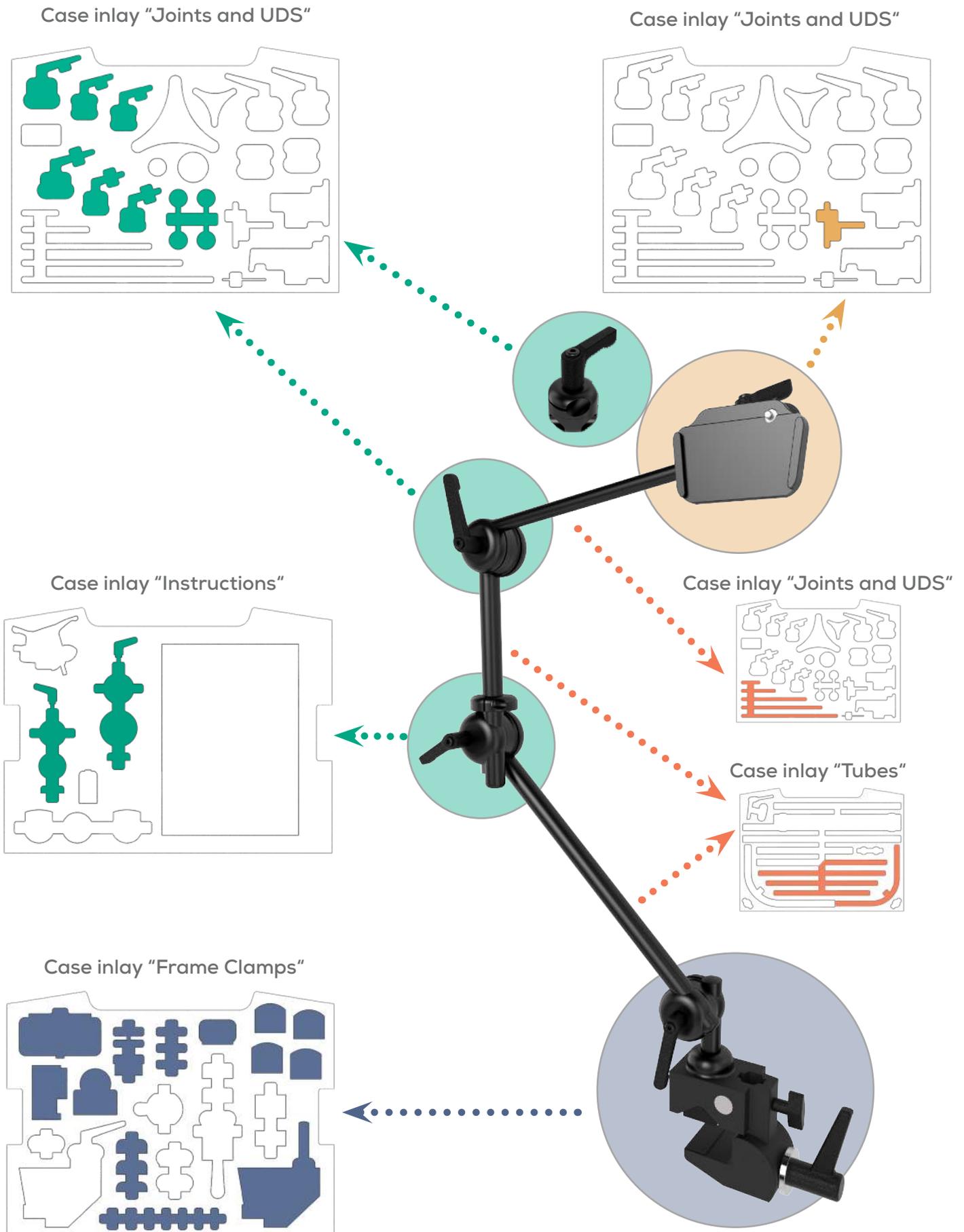
Includes:

#14.1118	L3D 16-Base SuperClamp Pin	(part A16)
#14.1250	L3D 16/16QS	(part B4)
#14.9504	Tube Ø16x300	(part C11)
#14.1220	L3D-Swivel Unit S	(part B9)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9515	Tube Ø10x250	(part C18)
#14.1252	L3D 10/10 QS	(part B8)



L3D tabletops

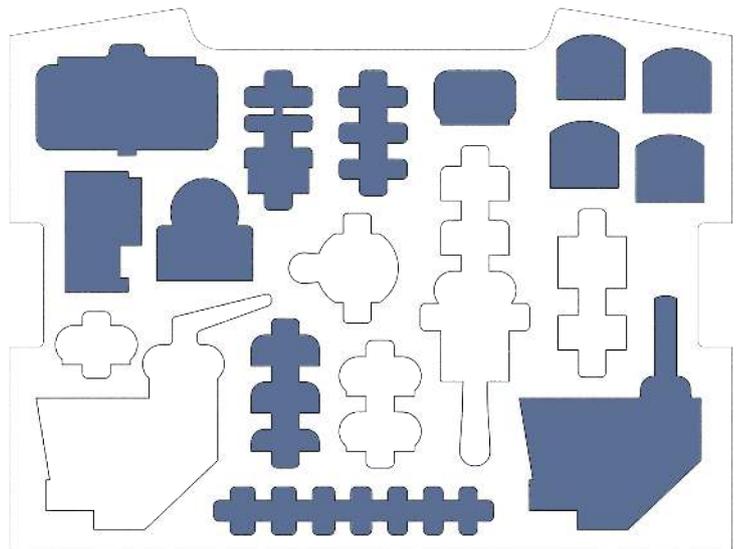
6.2 Mounting example



L3D tabletops

6.2 Mounting example

Using the L3D SuperClamp (#14.1118) as a base, you may build a wide range of L3D tableclamps. The picture below shows a L3D TC 3QS-U (#14.4153), which is essentially the same mount as the L3D-WC 3QS-U (#14.3153) with a SuperClamp instead of a wheelchair frame clamp. Its installation is similar with the only difference being that the base unit consists of the L3D SuperClamp (#14.1118 - part A16) with a L3D 16-16 QuickShift joint (#14.1250 - part B4). Feel free to customize the mount as you wish to meet your specific need.



Select the L3D SuperClamp and attach it firmly to the table using the larger lever.
Add a L3D 16-16 QuickShift joint and build your mount from there on following the same instructions described in pages 40-43.

L3D switch mounts

7.1 Products description

Our switch and control mounts are made of L3D components and are therefore ideally small and lightweight to carry any imaginable switch. Control mounts (such as the Omni Control or the Meyra attachment) are particularly challenging to mount near headrests because wheelchairs often do not offer good mounting positions in this area. However with Rehadapt's sleek and sturdy L3D system there is always a way!

7.1.1 Light 3D-W/C 2 QS 1 Switch

#14.1050

Light 3D single switch mount to position a switch at wheelchair headrest or similar, with QuickShift levers. Compatible with all frame clamps in the Assessment Kit.

Includes:

#14.1116	L3D 10 Base E6	(part A29)
#14.9514	Tube Ø10x200	(part C17)
#14.1252	L3D 10/10 QS	(part B8)
#14.9512	Tube Ø10x100	(part C16)
#14.1252	L3D 10/10 QS	(part B8)
#14.9511	Tube Ø10x50 1/4 UNC	(part C15)



7.1.2 Light 3D-W/C 3 QS 2 Switch

#14.2050

Light 3D dual switch QS mount to position 2 switches at wheelchair headrest, with levers. Compatible with all frame clamps in the Assessment Kit.

Includes:

#11.1065	RKL E30	(part A7)
#14.1101	L3D 16 Base special	(part A17)
#14.9504	Tube Ø16x300	(part C11)
#14.1251	L3D 16/10QS	(part B7)
#14.9516	Tube Ø10x300	(part C19)
#14.1252	L3D 10/10 QS	(part B8)
#14.9511	Tube Ø10x50 1/4 UNC	(part C15)



7.1.3 Light 3D-MC 2 QS Switch Mount

#14.5052

Switch mount featuring the versatile MiniClamp, two Ø10mm (3/8") tubes and two QuickShift joints to combine with any SLS switch adapter plate. Adapter not included.

Includes:

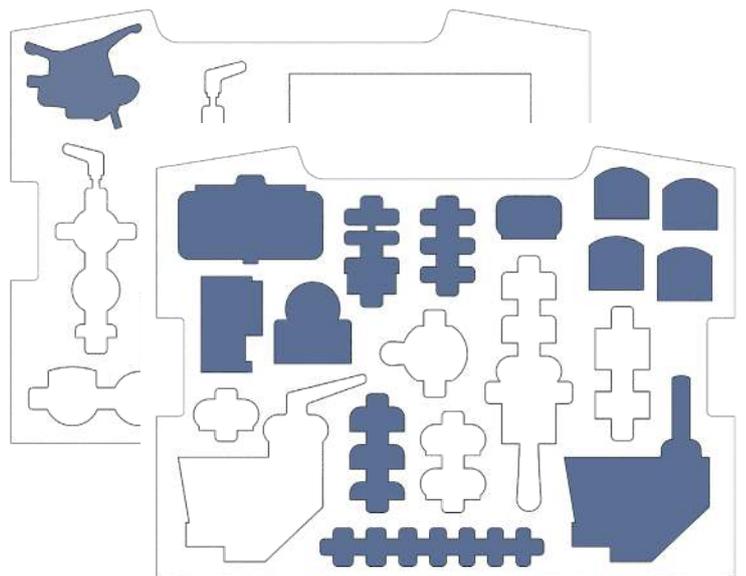
#14.1174	L3D 10 MiniClamp QS	(part A28)
#14.9514	Tube Ø10x200	(part C17)
#14.1252	L3D 10/10 QS	(part B8)
#14.9513	Tube Ø10x200	(part C17)
#14.1252	L3D 10/10 QS	(part B8)



L3D switch mounts

7.2 Mounting example

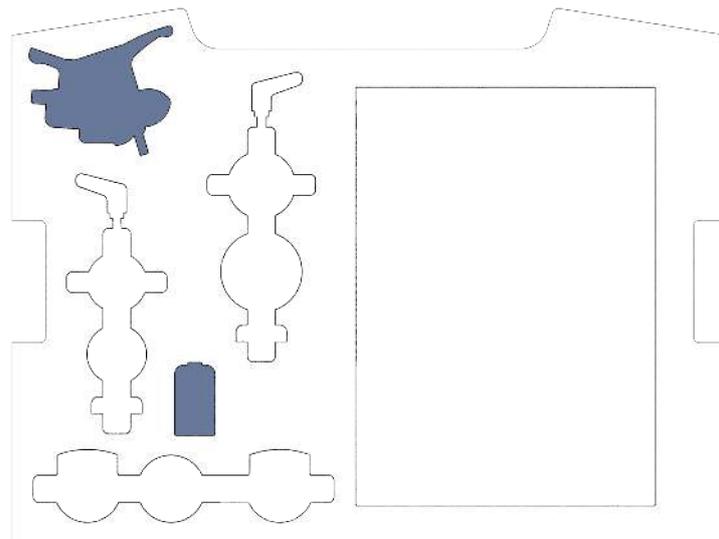
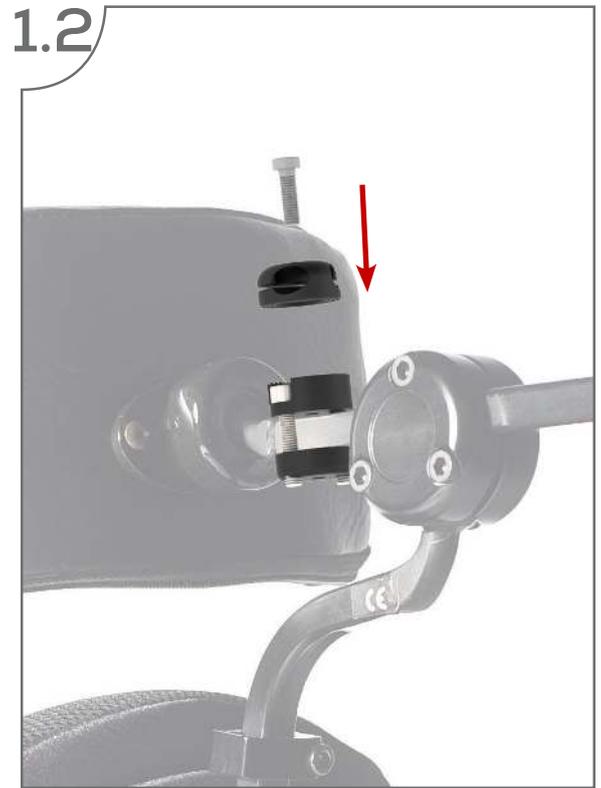
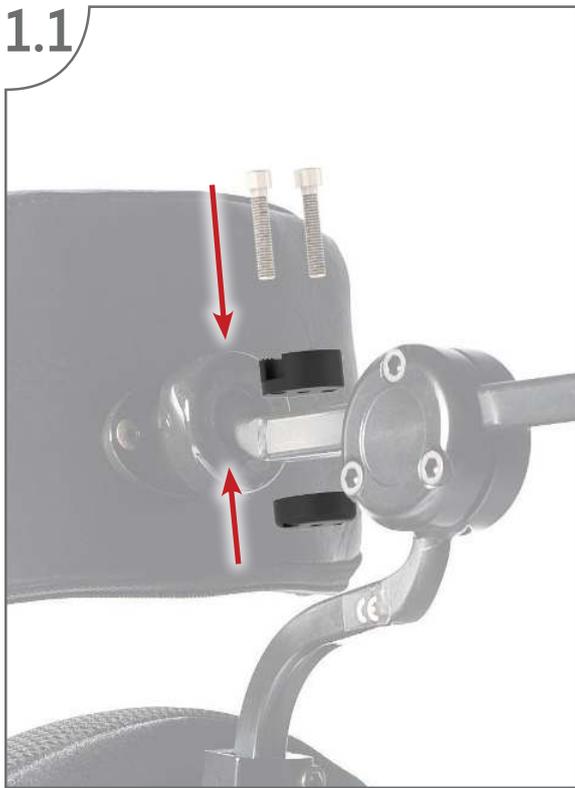
With the parts included in this kit, you may create any switch mount you desire. In the following pages the instructions for mounting a switch on the back of a wheelchair's headrest with a square tube profile. Use the frame clamp that best fits your specific application from the selection included in the kit.



Select the frame clamp compatible with the wheelchair. In this example, the L3D 10-Base E16 (part A29) is used. The instructions for the usage of the different frame clamps are listed in Appendix 8.

L3D switch mounts

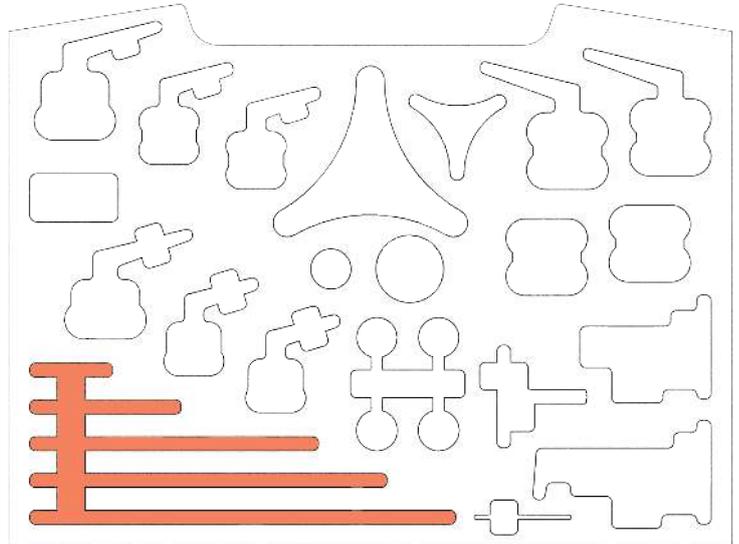
7.2 Mounting example



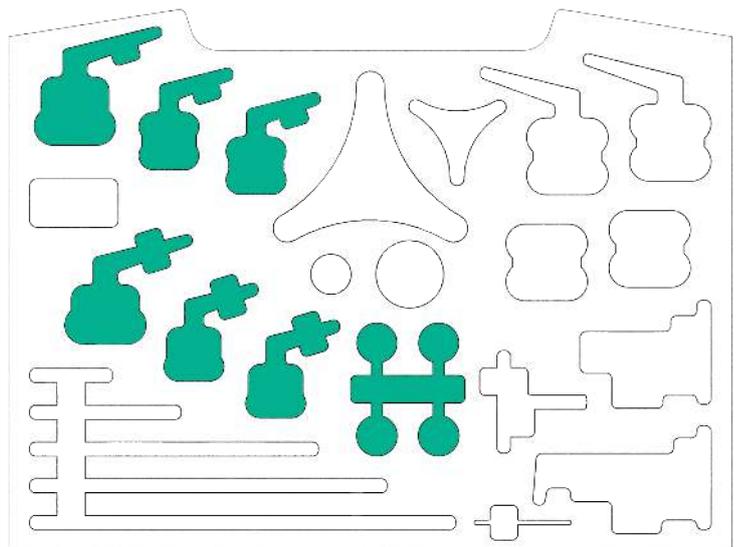
Attach the base clamp on the desired mounting spot. On the images above, the L3D 10 Base E16 (#14.1116 - part A29) is attached on the back of the wheelchair headrest to mount the switch next to the user's head.

L3D switch mounts

7.2 Mounting example



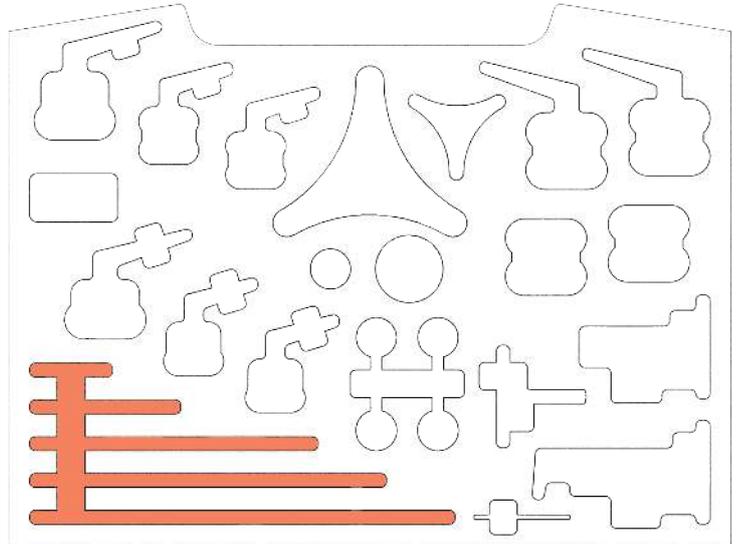
Select the tube with your desired length from the assortment of $\text{\O}10\text{mm}$ (3/8") tubes and secure it into the base unit.



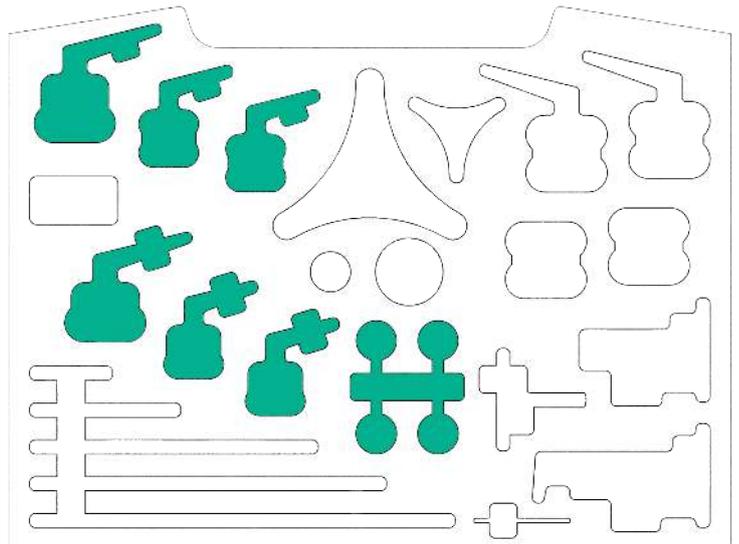
Attach a L3D 10-10 QuickShift joint (part B8) to the first tube.

L3D switch mounts

7.2 Mounting example



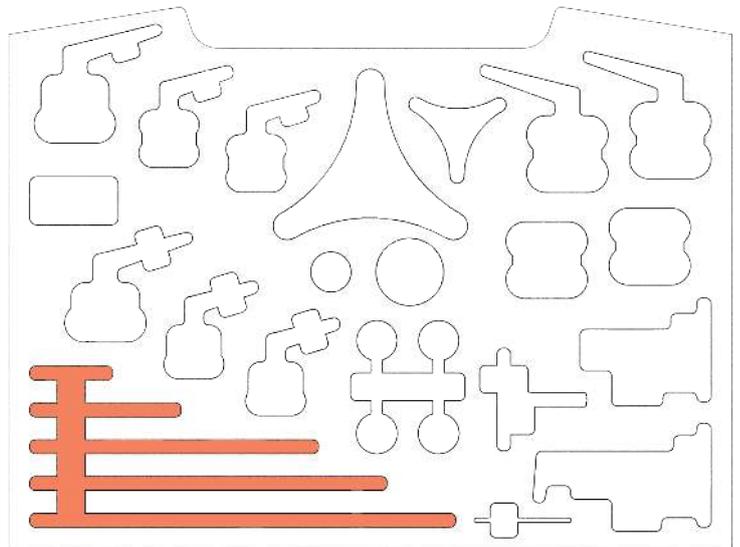
Insert the second tube of your choice and secure it in place in the desired position with the QuickShift lever.



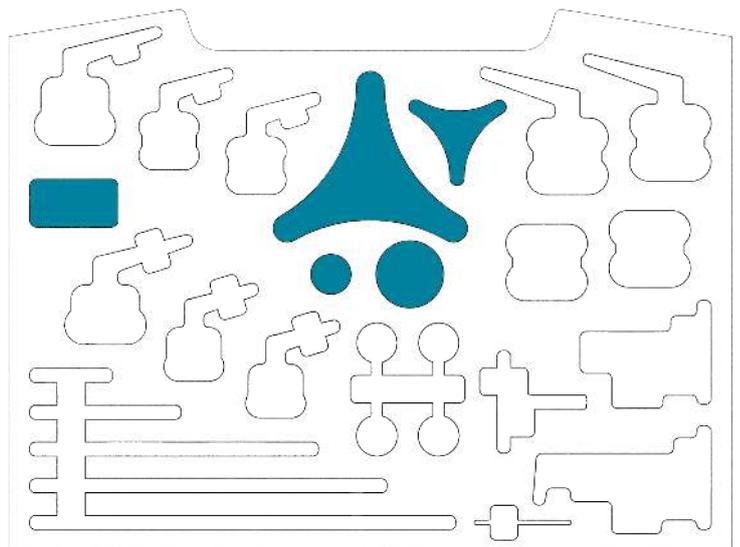
Attach a L3D 10-10 QuickShift joint (part B8) to the second tube.

L3D switch mounts

7.2 Mounting example



Insert the $\text{Ø}10 \times 50$ pin (part C15) into the joint and secure it in place in the desired position with the QuickShift lever.

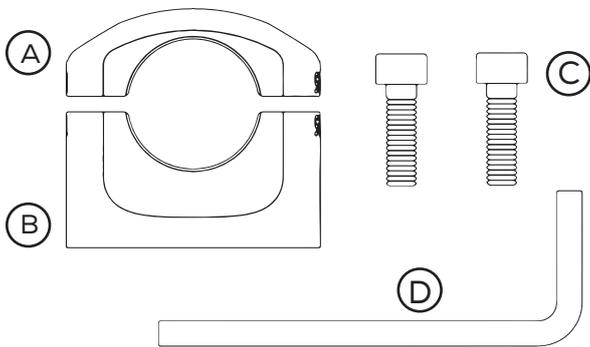


Select a switch adapter and screw it into the pin. You can now attach the switch to the adapter.

If fine tuning is necessary, adjust the QuickShift joints and change the position/orientation of the mount to achieve the most user-friendly position.

Appendix

8.1 Frame clamps for round tubes



Mounting kit / Montageset

(A) = 1x M3D-RKL-A

(C) = 2x Screws M6x20

(B) = 1x M3D-RKL-B

(D) = **not included / nicht inklusive**

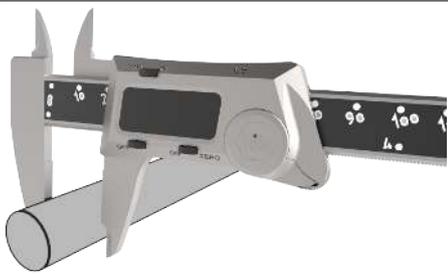
Important / Wichtig

 Durchmesser des Rollstuhl Rahmens messen und prüfen ob dieser identisch mit der Rahmenklemme ist. Eine zu kleine oder große Klemme bewirkt nicht die gewünschte Klemmung und kann zu Materialbruch und Gefährdungen führen.

 Measure the diameter of the wheelchair frame and compare it to the delivered clamp. Clamps that are too small or too large do not generate the desired clamping effect and may lead to material fracture and safety hazards.



Measure the frame / Rahmen messen



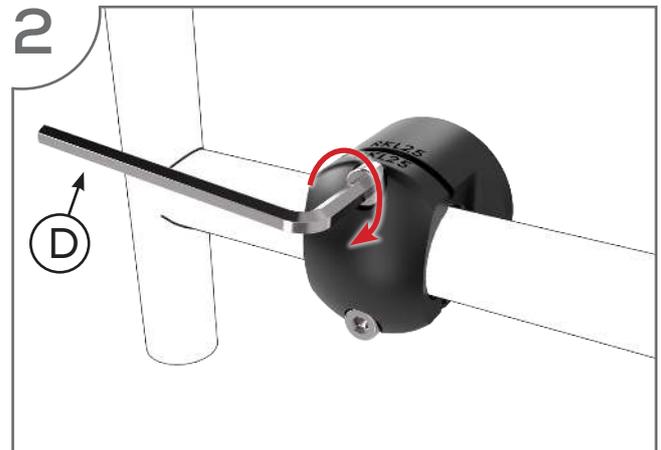
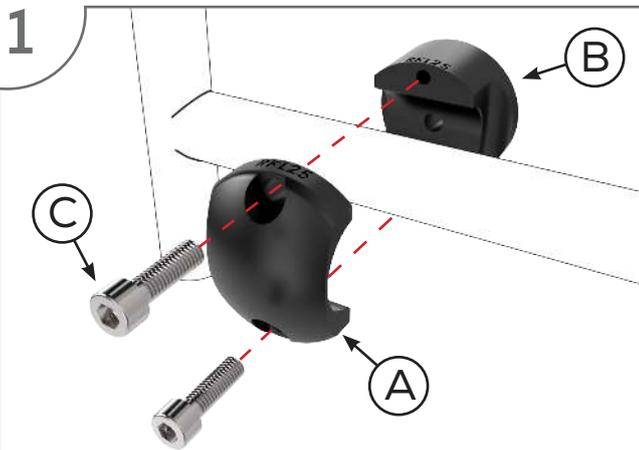
Correct / Richtig



too small / zu Klein

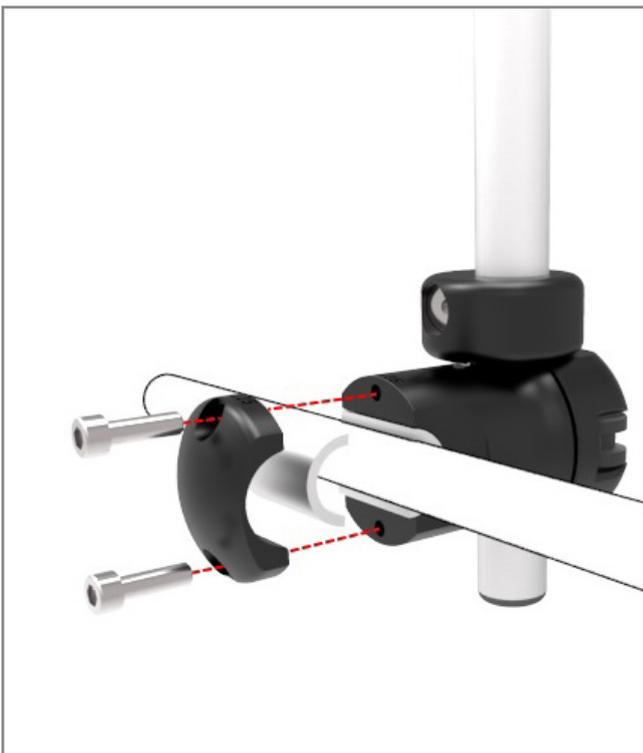
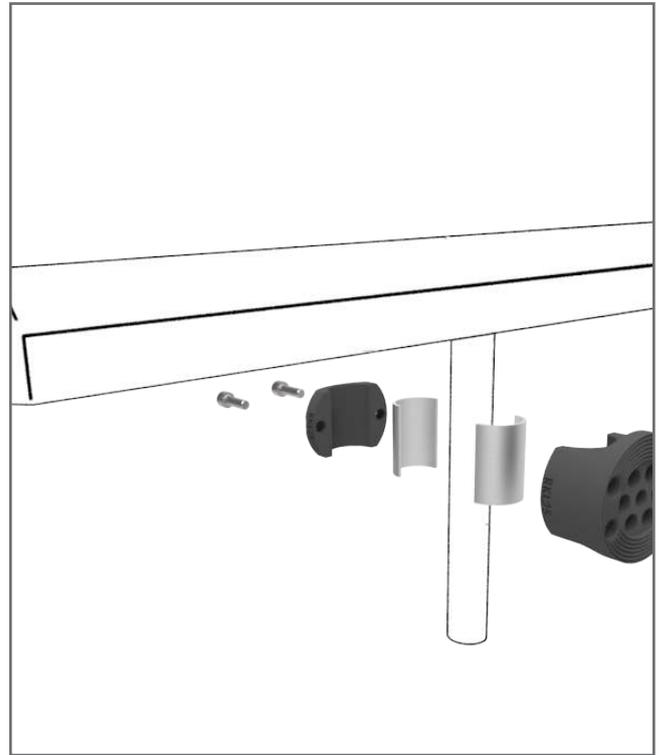
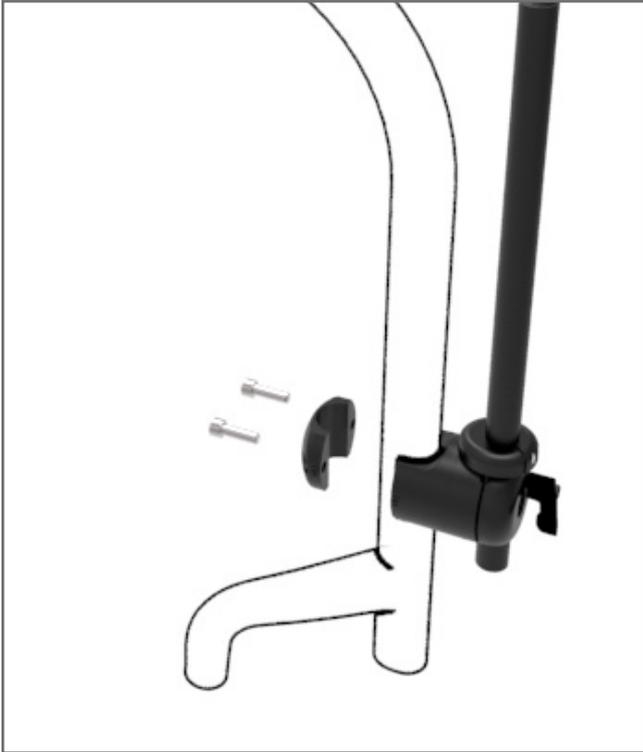


too big / zu Groß



Appendix

8.1 Frame clamps for round tubes

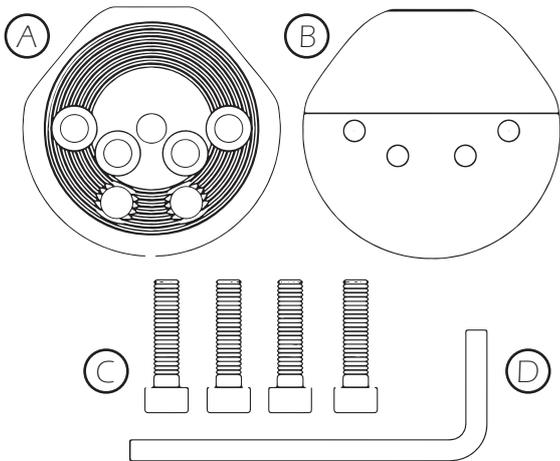


Appendix

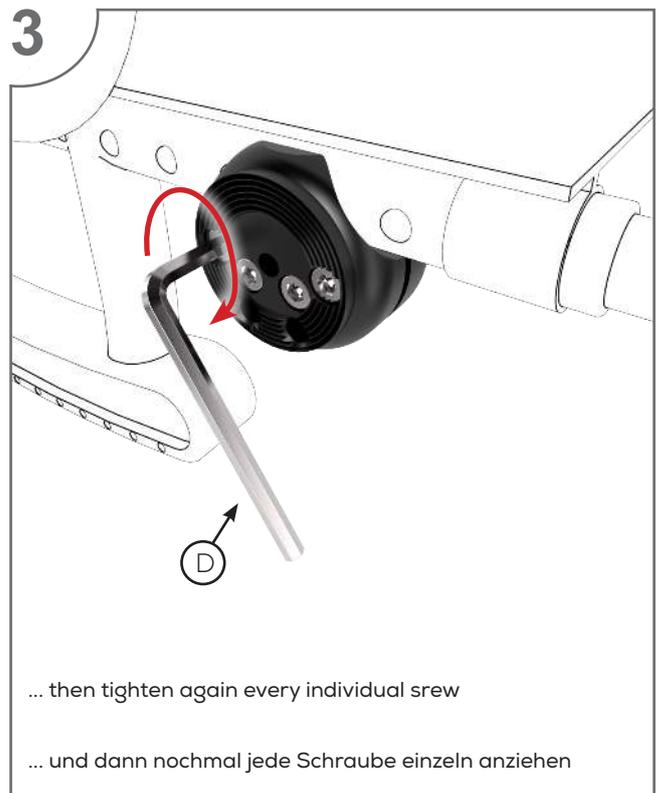
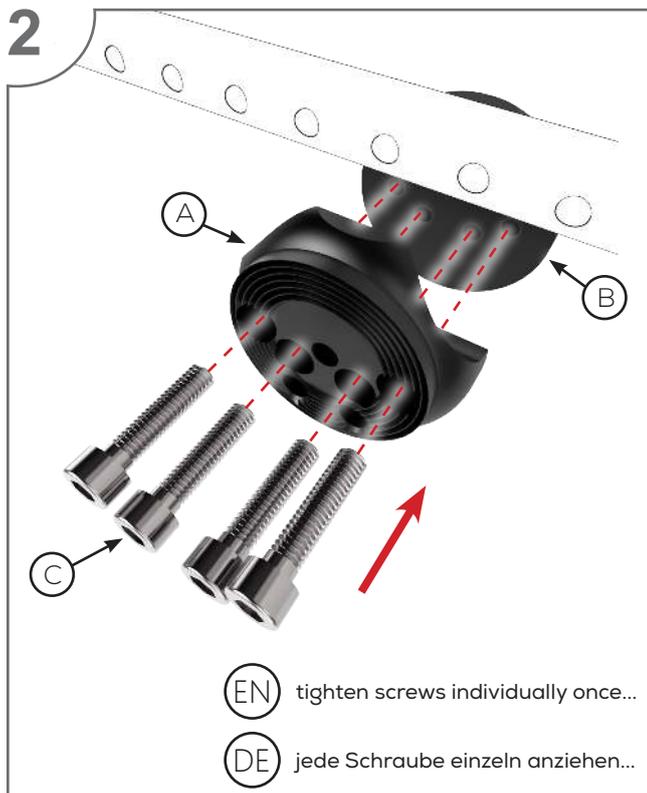
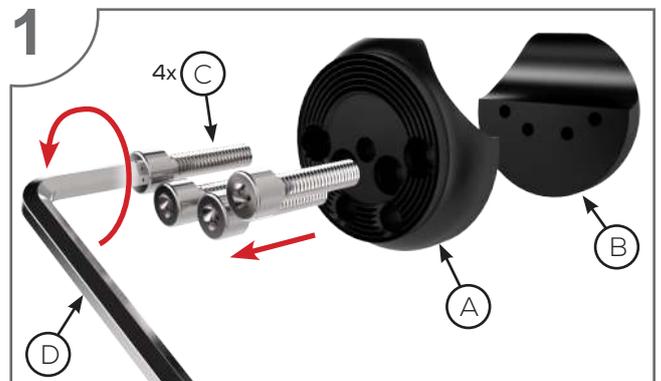
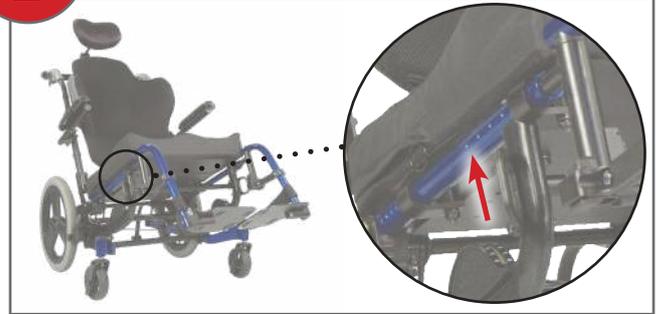
8.1 Frame clamps for round tubes

i Mounting kit / Montageset

- (A) = 1x M3D-RKL-T A
- (B) = 1x M3D-RKL-T B
- (C) = 4x M6 Screw/Schraube
- (D) = **Not included/ Nicht Inklusive**

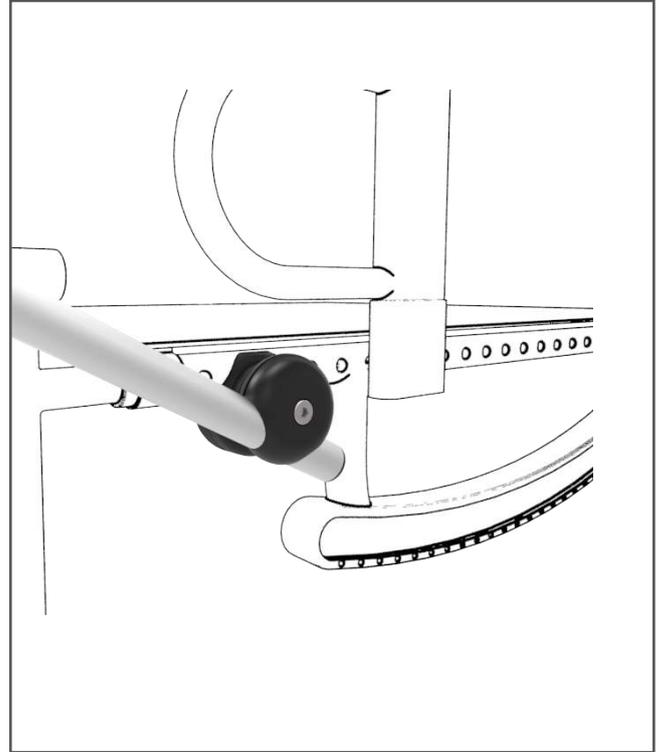
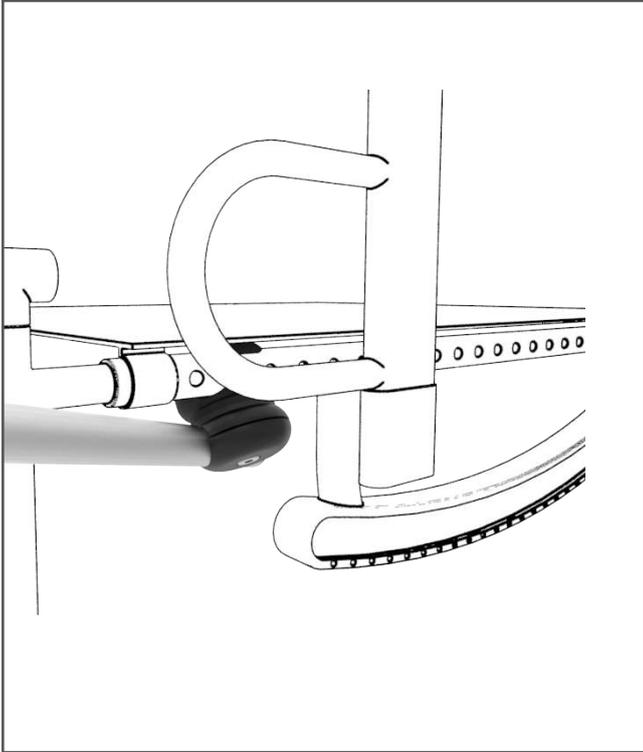


i Mounting spot / Montage Punkt



Appendix

8.1 Frame clamps for round tubes

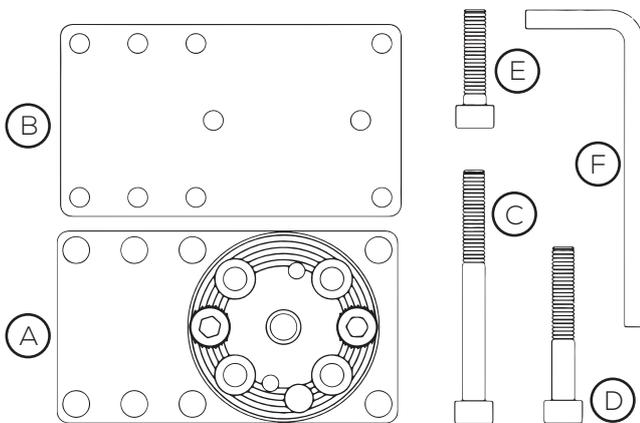


Appendix

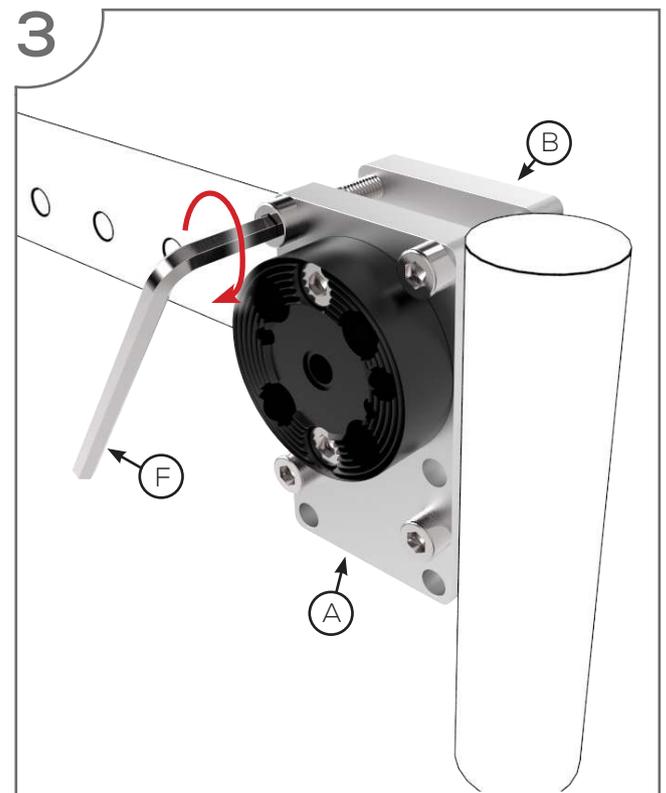
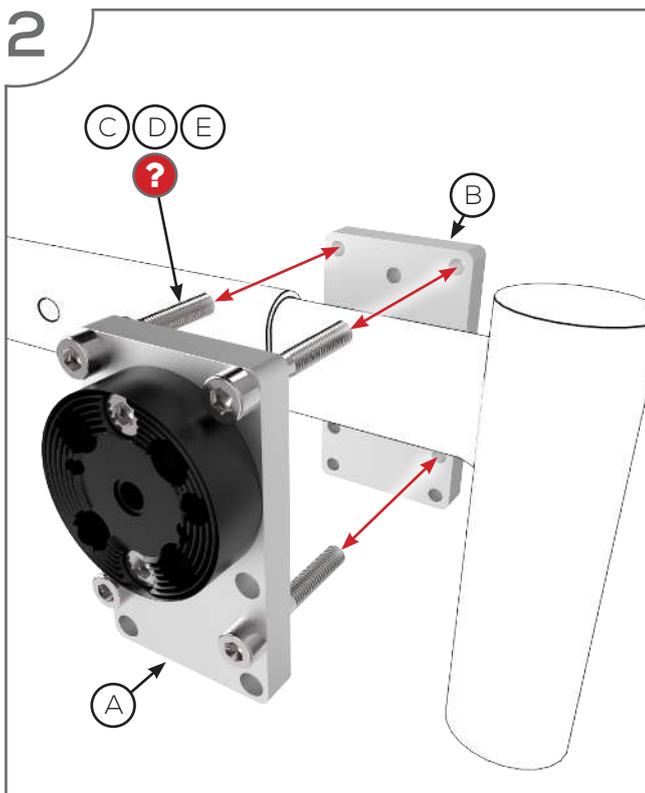
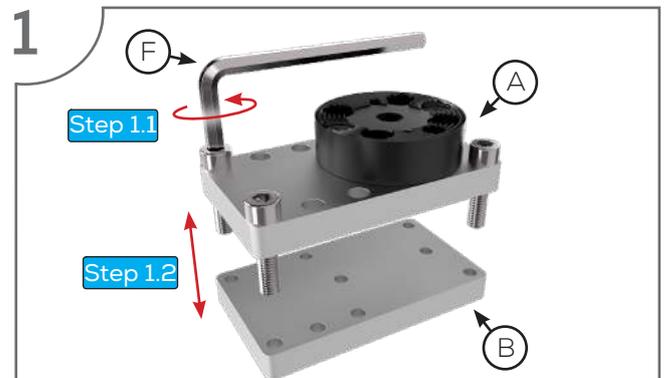
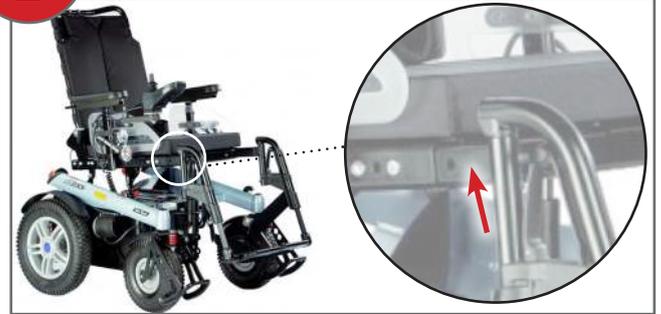
8.2 Frame clamps for rectangular tubes

i Mounting kit / Montageset

- (A) = 1x E30-70 B6
- (B) = 1x E30-70 M6
- (C) = 4x M6x60
- (D) = 4x M6x40
- (E) = 4x M6x25
- (F) = not included / nicht inklusive

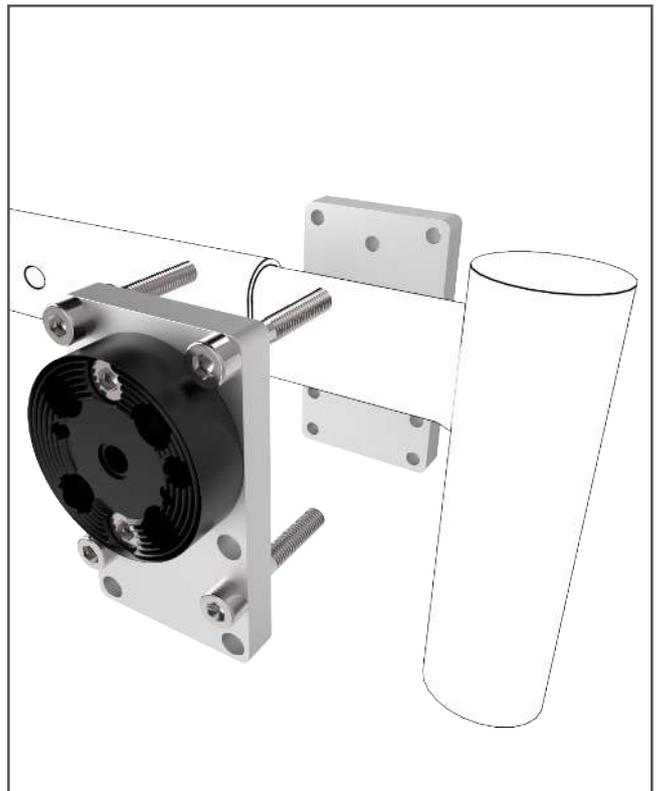
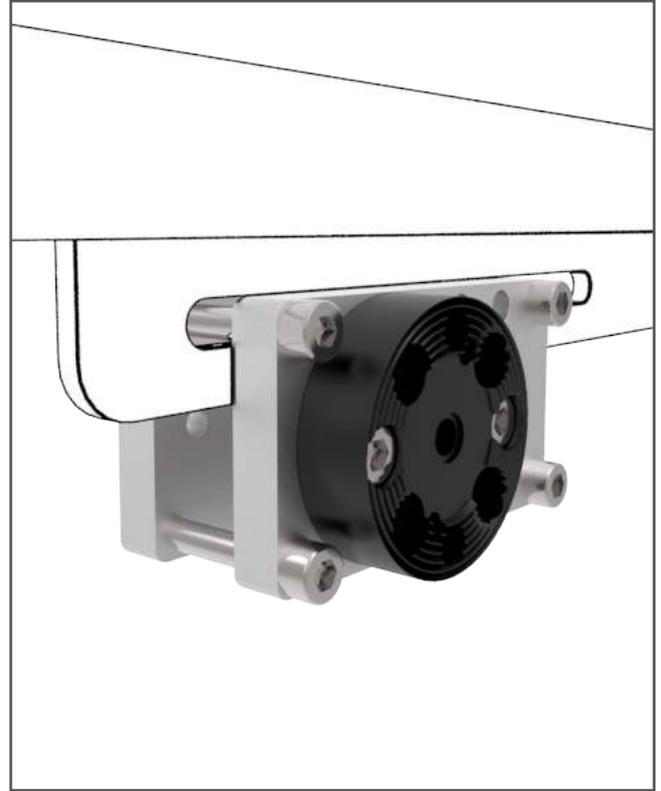
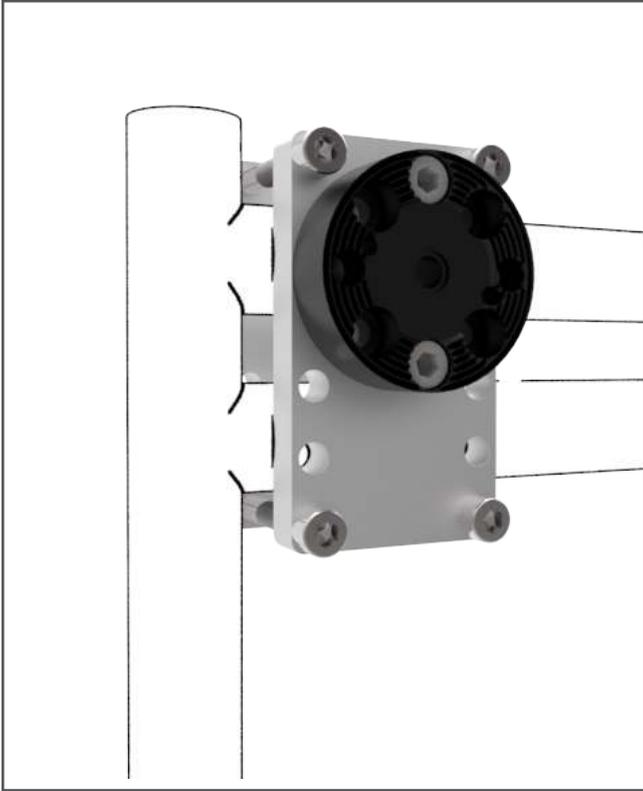


i Mounting spot / Montage Punkt



Appendix

8.2 Frame clamps for rectangular tubes

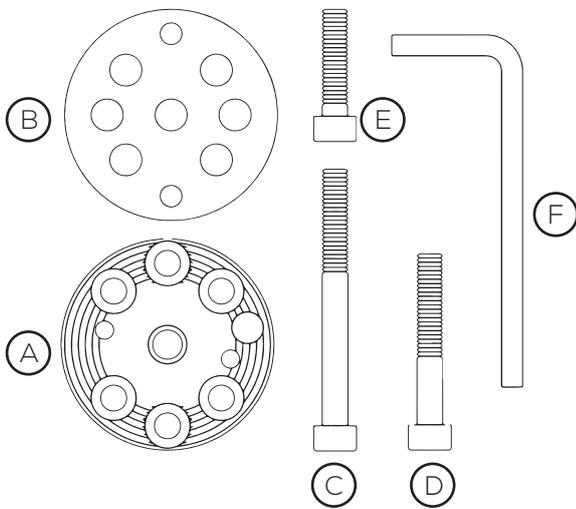


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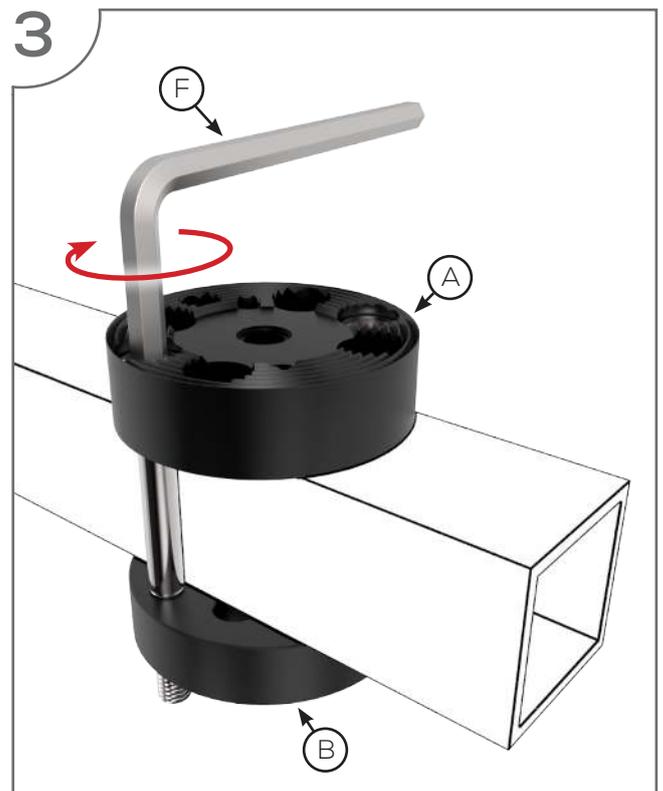
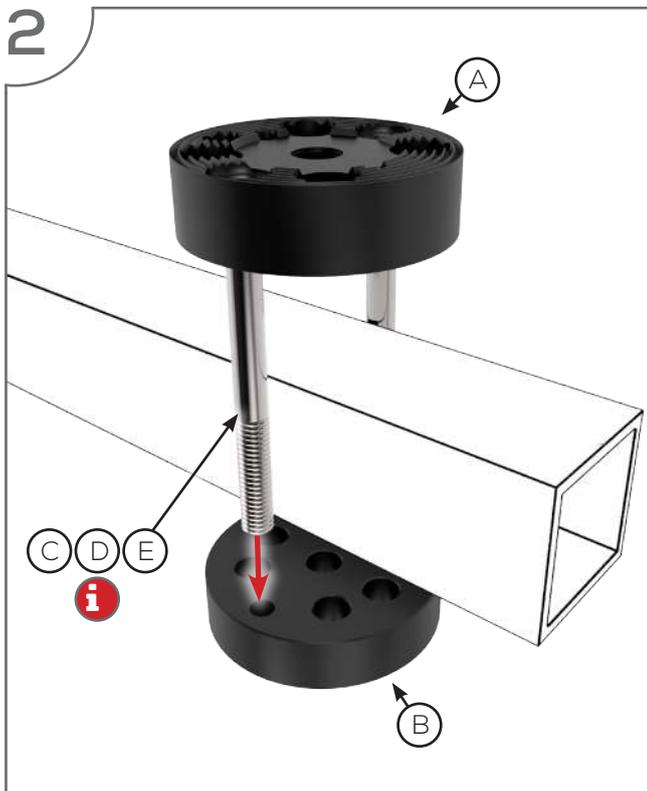
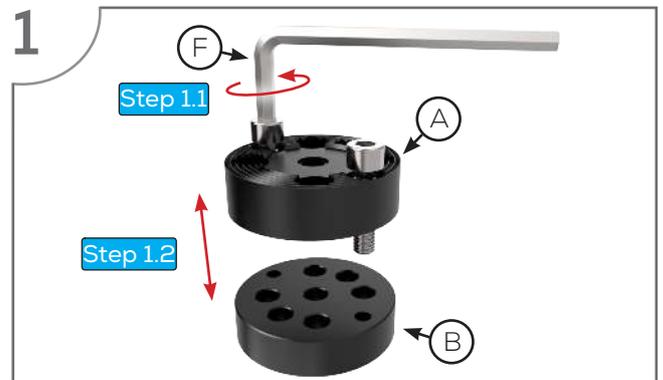
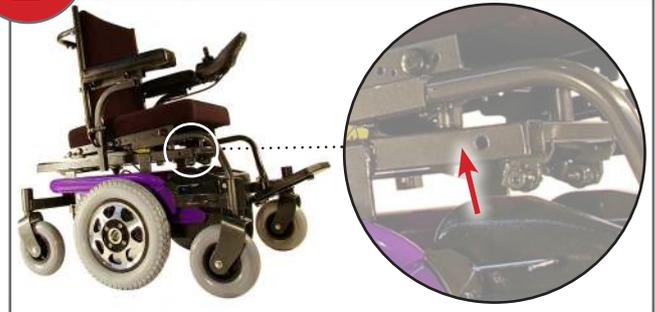
8.2 Frame clamps for rectangular tubes

i Mounting kit / Montageset

- (A) = 1x E30 B6
- (B) = 1x E30 M6
- (C) = 2x M6x60
- (D) = 2x M6x40
- (E) = 2x M6x25
- (F) = not included / nicht inklusive

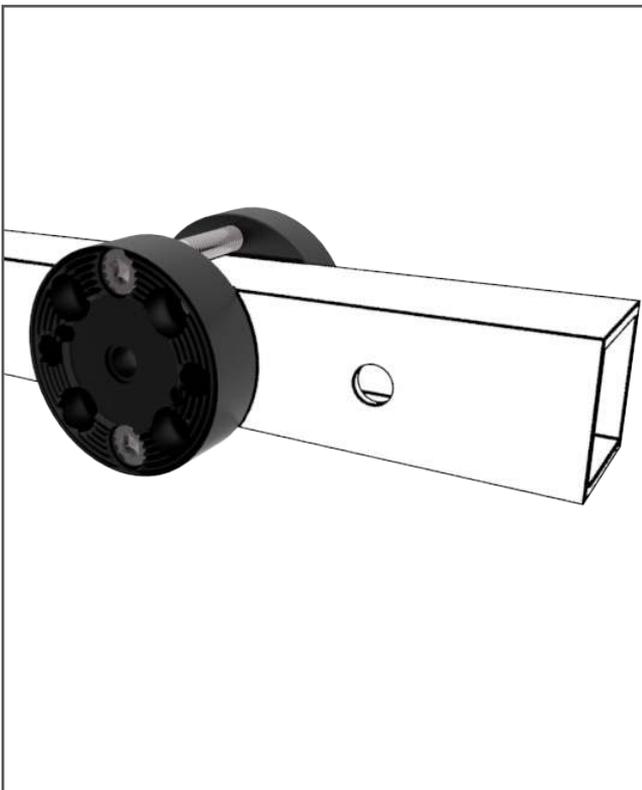
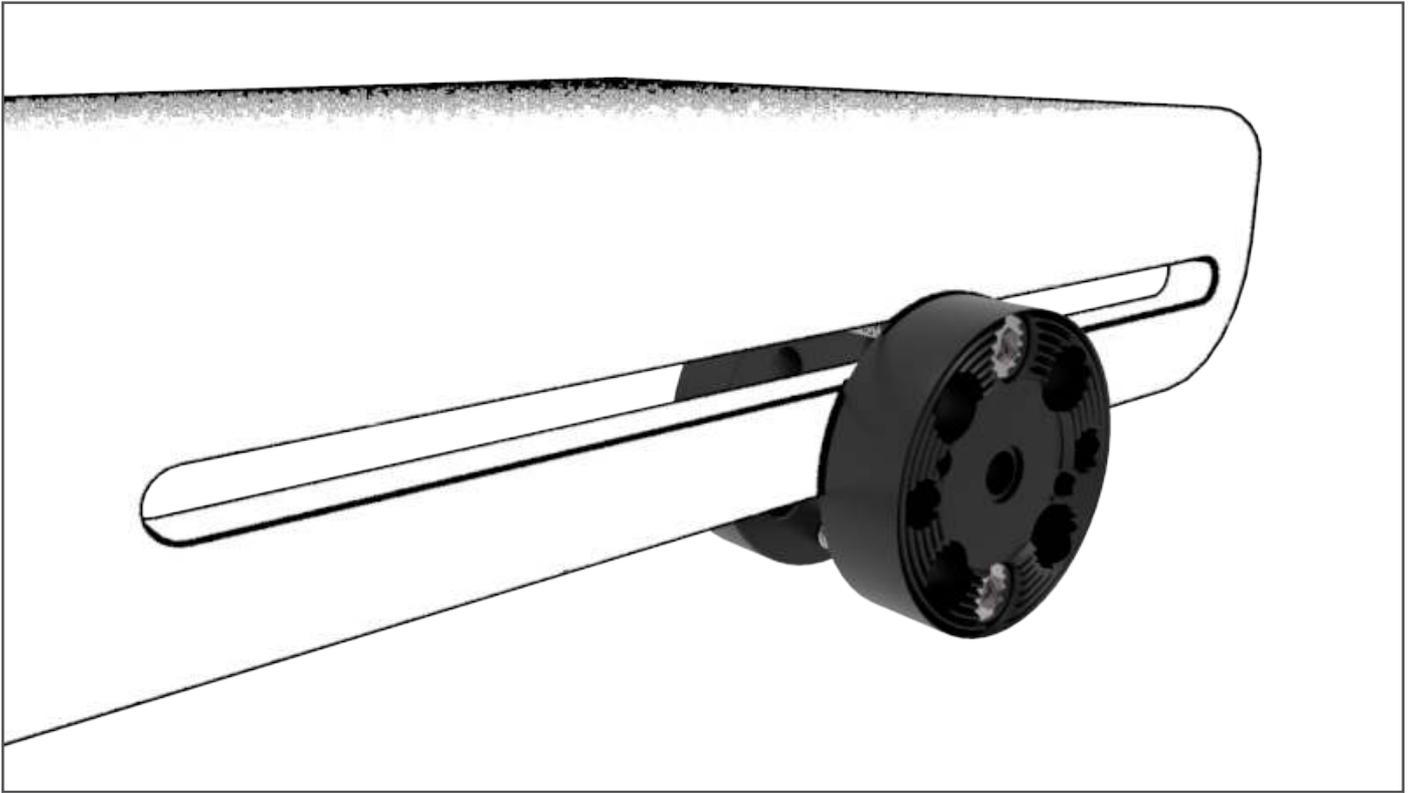


i Mounting spot / Montage Punkt



Appendix

8.2 Frame clamps for rectangular tubes

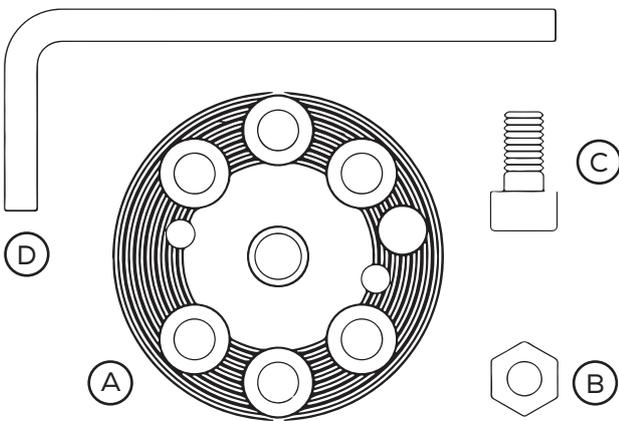


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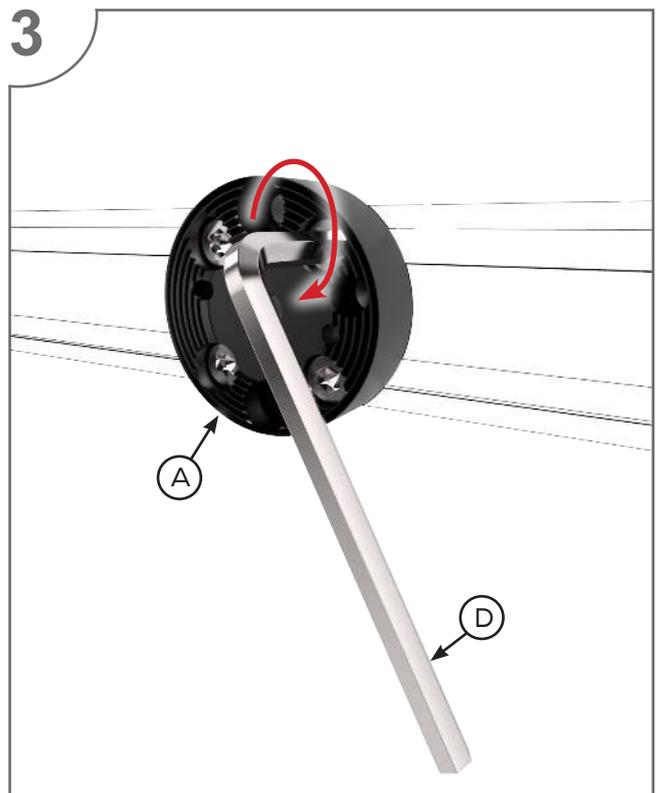
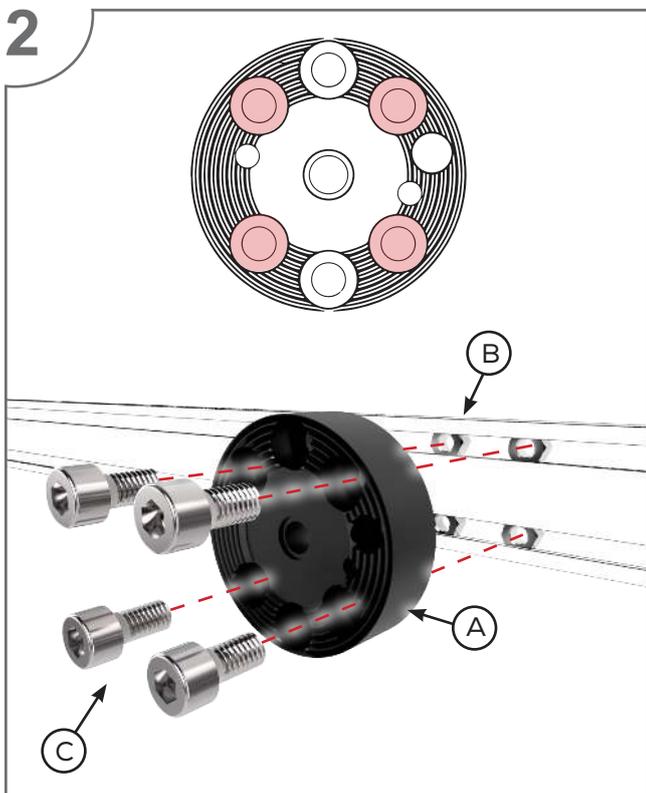
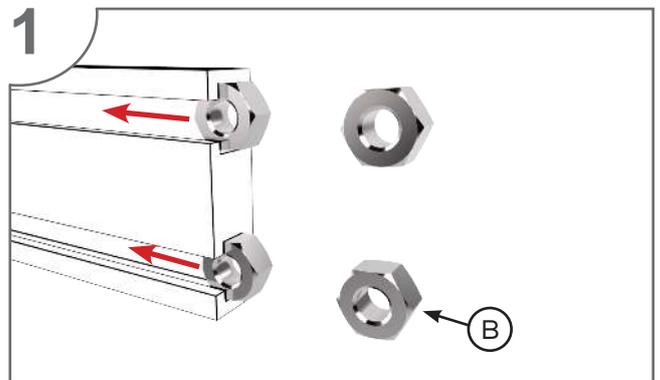
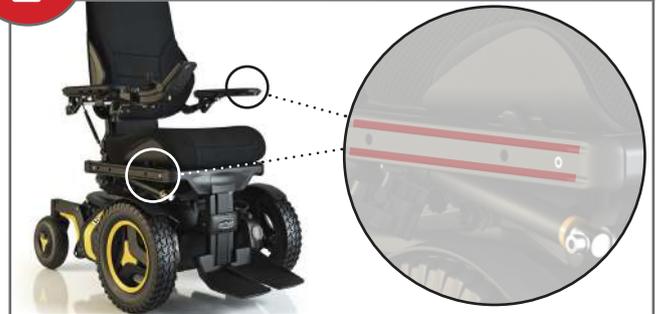
8.3 Frame clamps for Permobil Unitrack

i Mounting kit / Montageset

- (A) = 1x Adapter
- (B) = 4x M6 Nut/Mutter
- (C) = 4x M6x12 Screw/Schraube
- (D) = not included/nicht inklusive

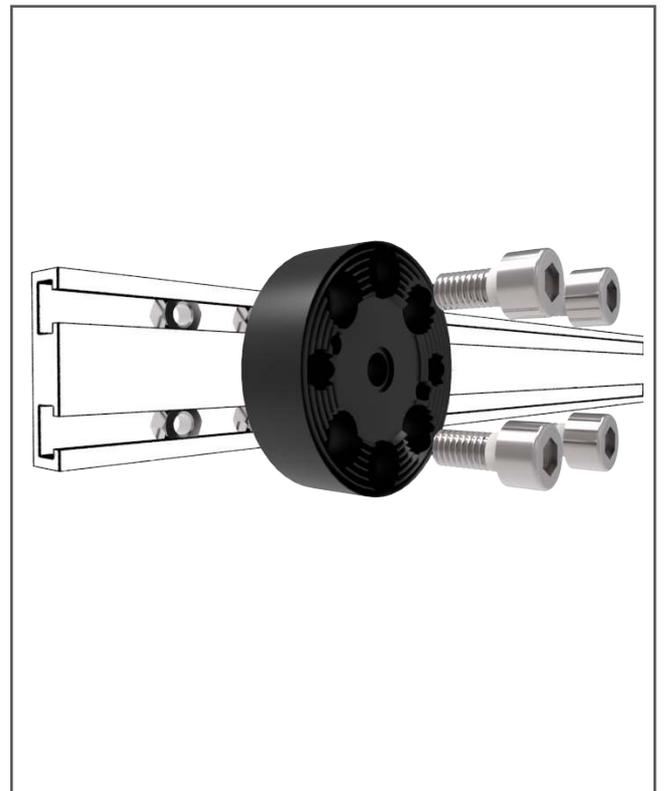
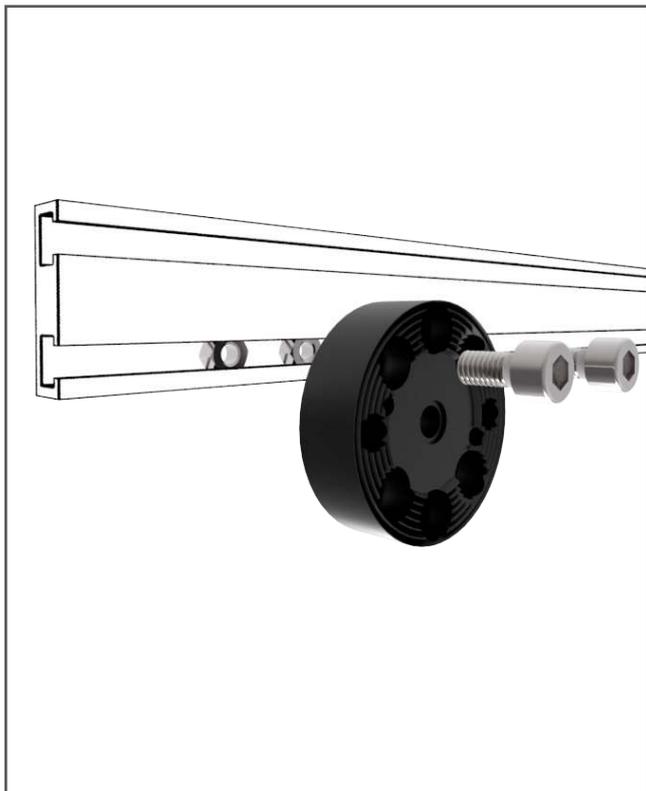
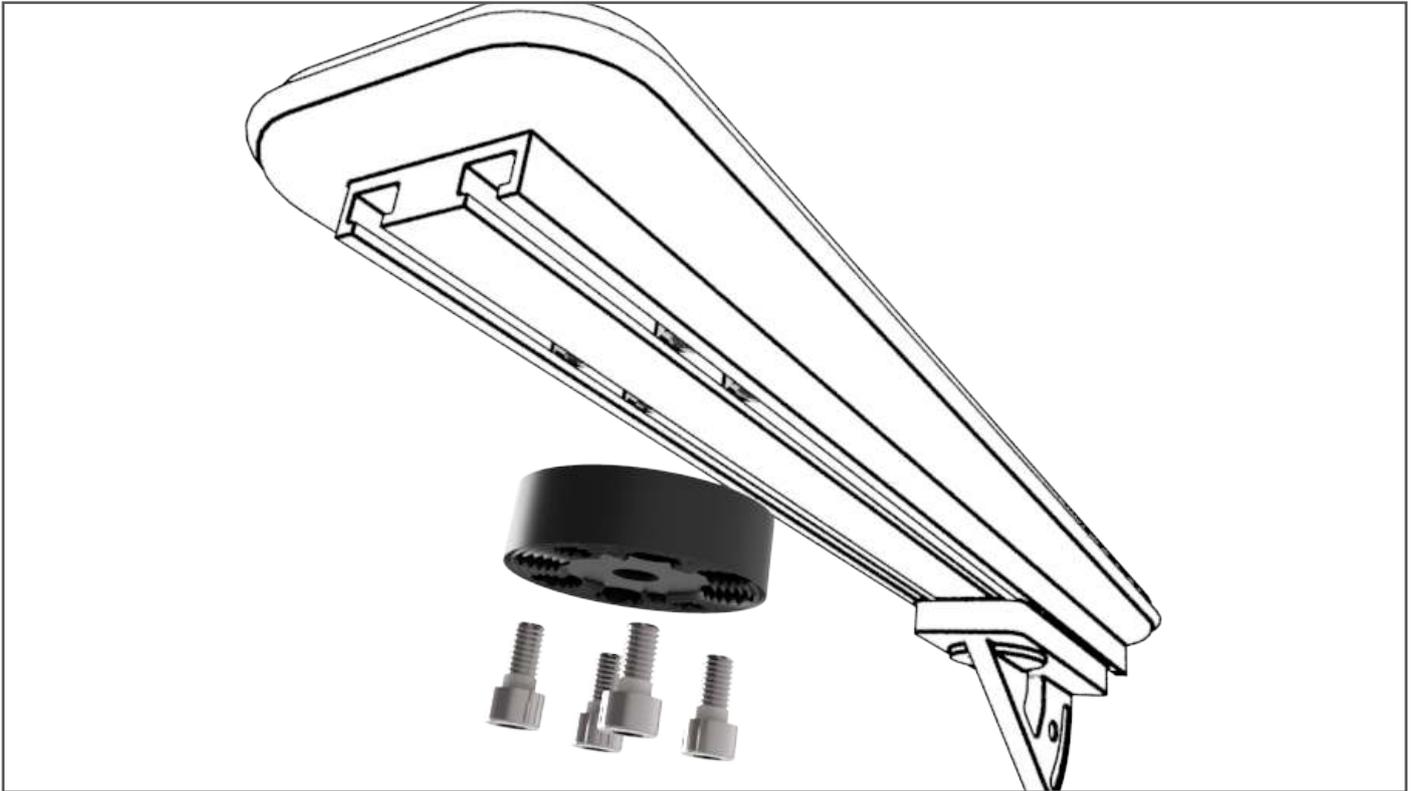


i Mounting spot / Montage Punkt



Appendix

8.3 Frame clamps for Permobil Unitrack

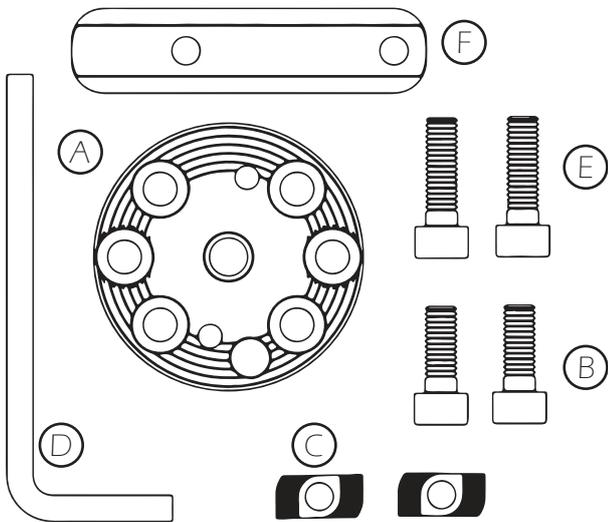


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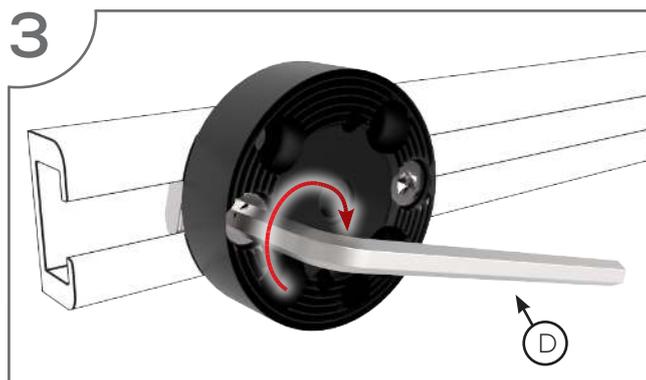
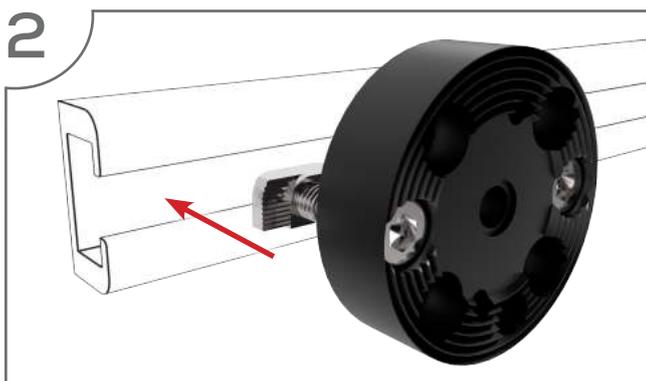
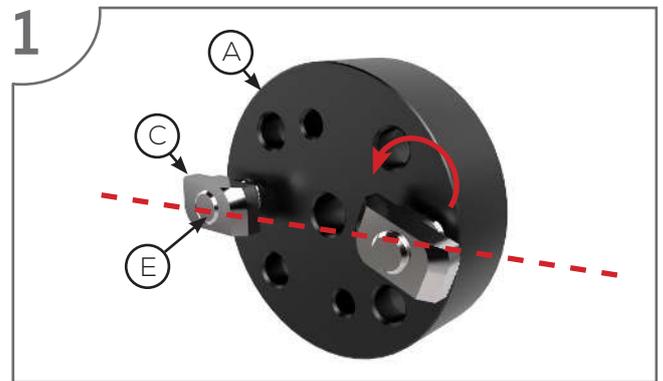
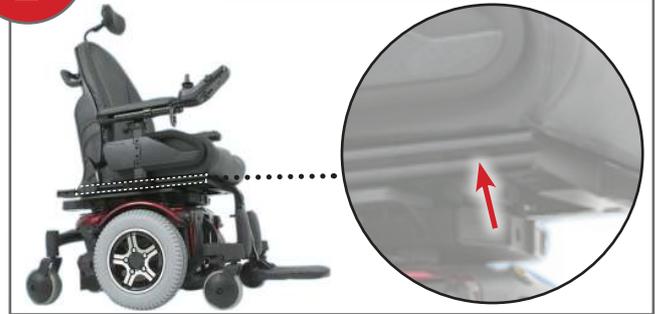
8.4 Frame clamps for T-nut rails

i Mounting kit / Montageset

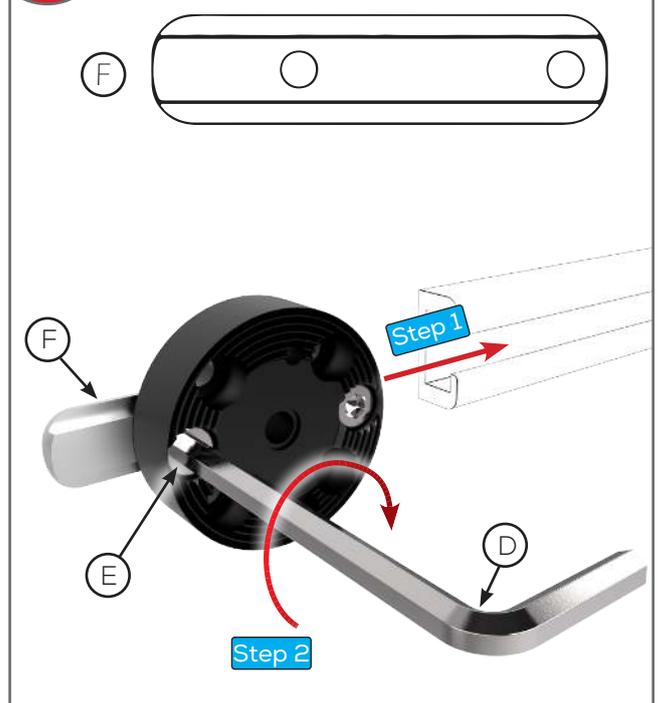
- (A) = 1x Adapter
- (B) = 2x M6x16 Screw/Schraube
- (C) = 2x Nut/Mutter
- (D) = Not included/
Nicht Inklusive
- (E) = 2x M6x20 Screw/Schraube
- (F) = 1x T-Nut



i Mounting spot / Montage Punkt

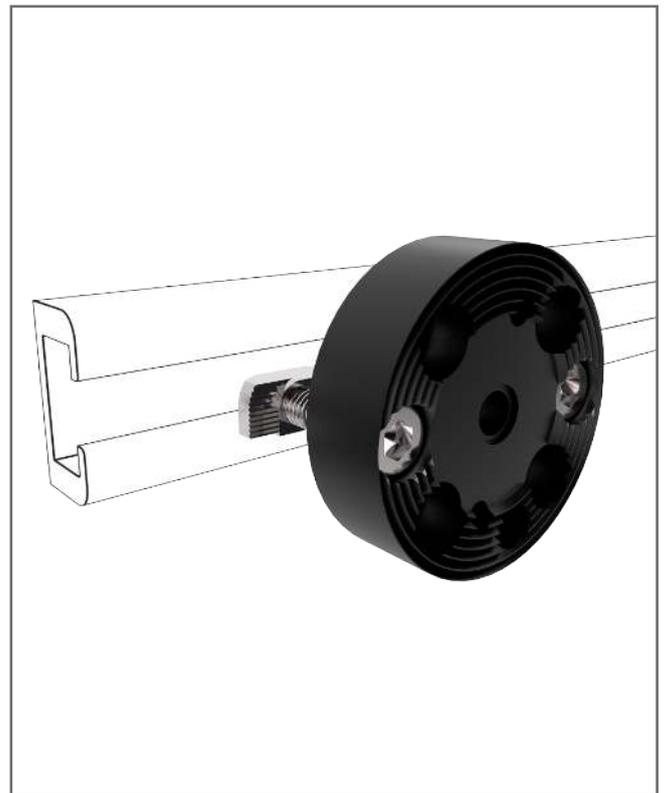
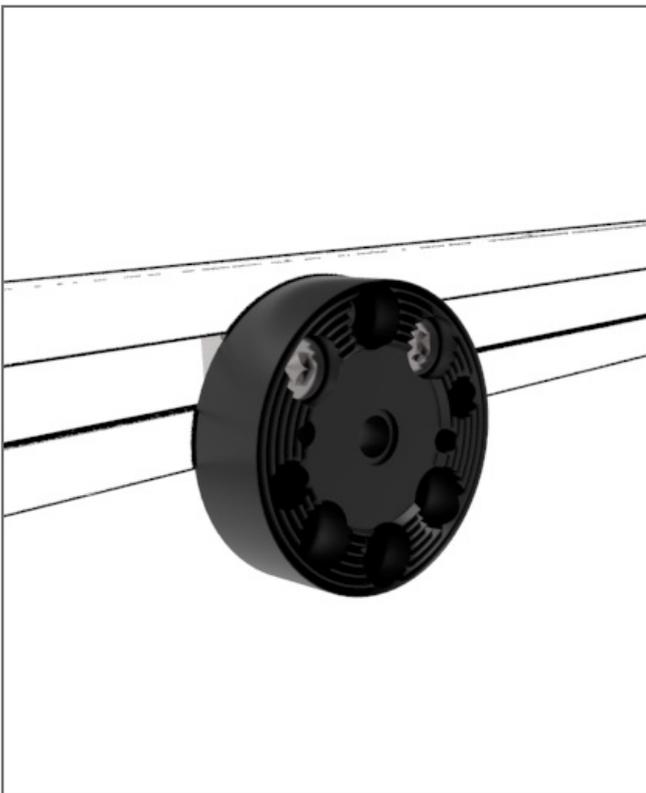
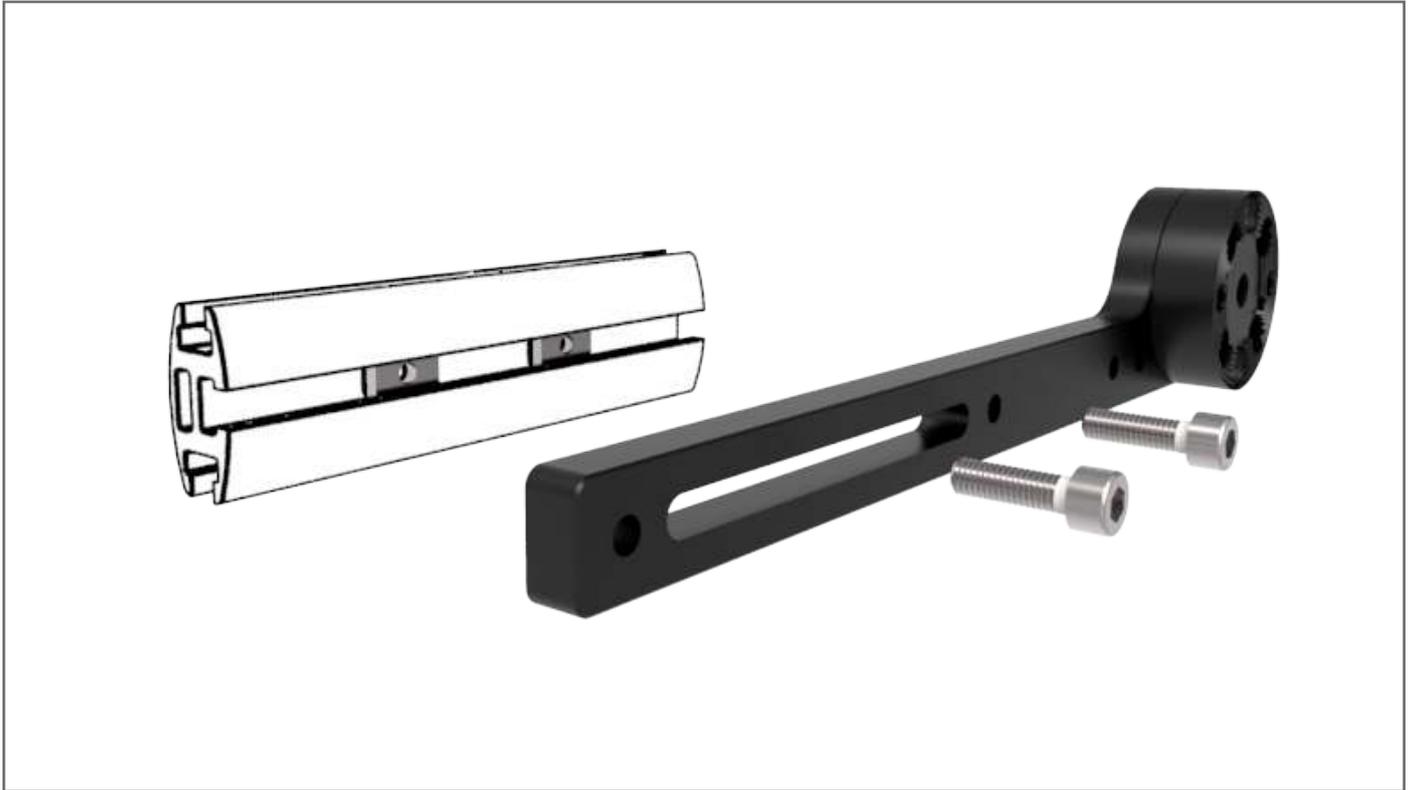


i Optional



Appendix

8.4 Frame clamps for T-nut rails

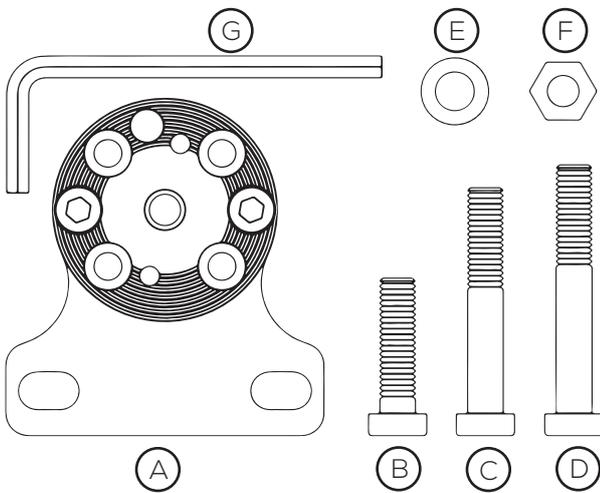


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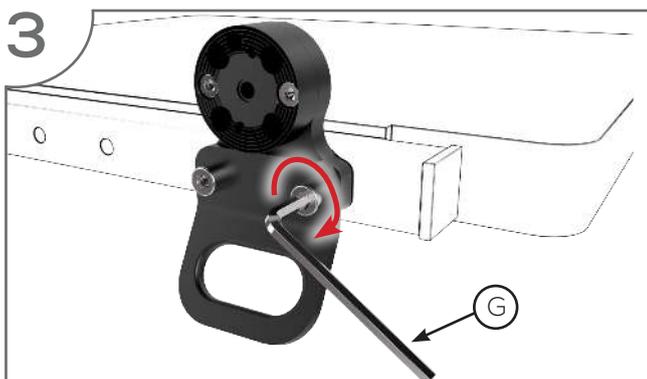
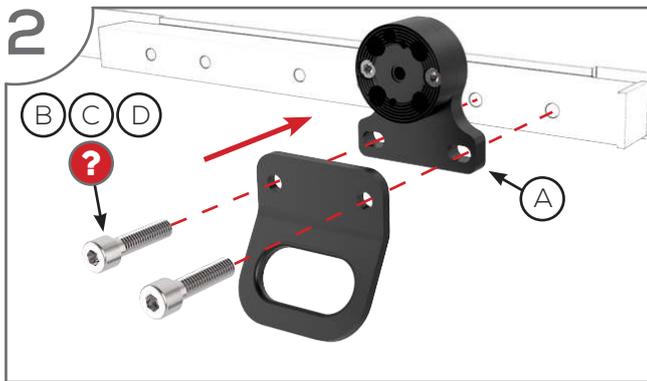
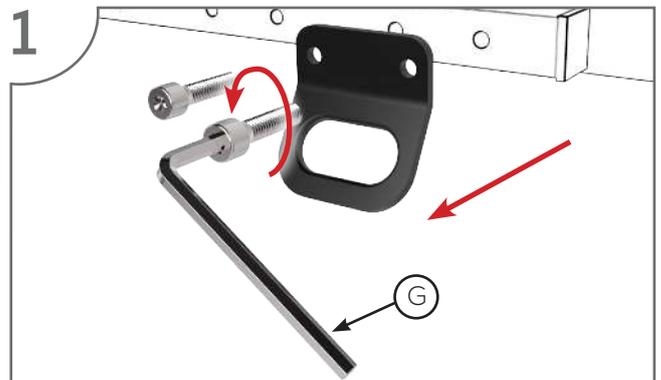
8.5 Frame clamps for flat surfaces with holes

i Mounting kit / Montageset

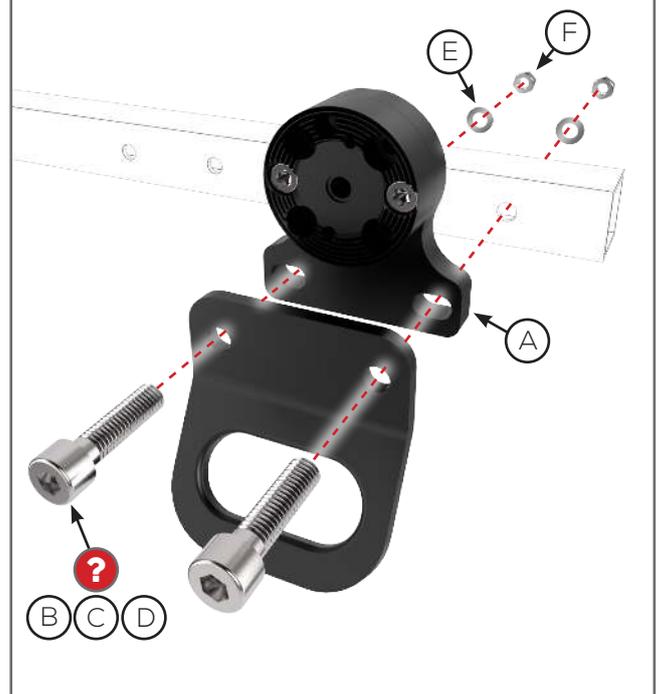
- (A) = 1x RKL-M8-Mini
- (B) = 2x M8x30 Screw/Schraube
- (C) = 2x M8x50 Screw/Schraube
- (D) = 2x M8x55 Screw/Schraube
- (E) = 2x Washer/Scheibe
- (F) = 2x M8 Nut/Mutter
- (G) = *not included / nicht inklusive*



i Mounting spot / Montage Punkt

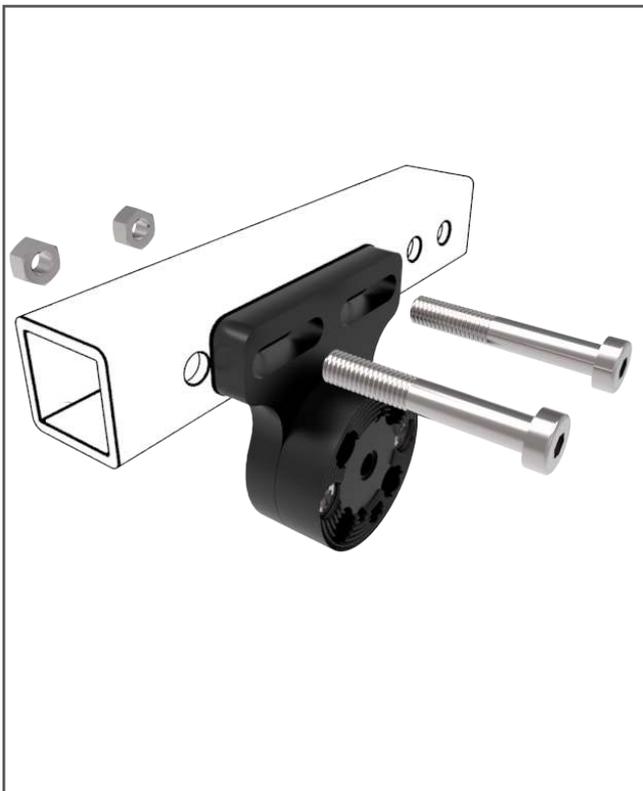
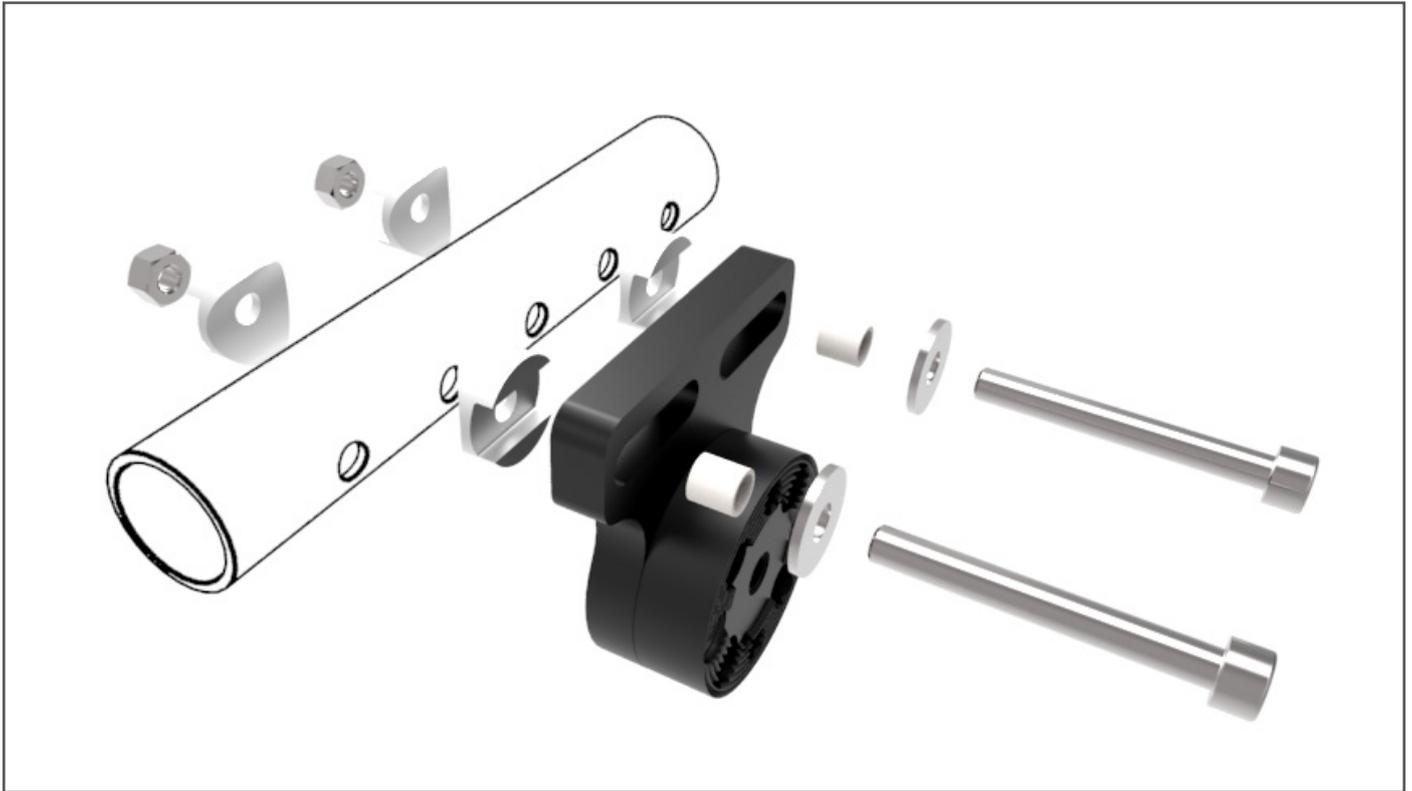


i Optional



Appendix

8.5 Frame clamps for flat surfaces with holes



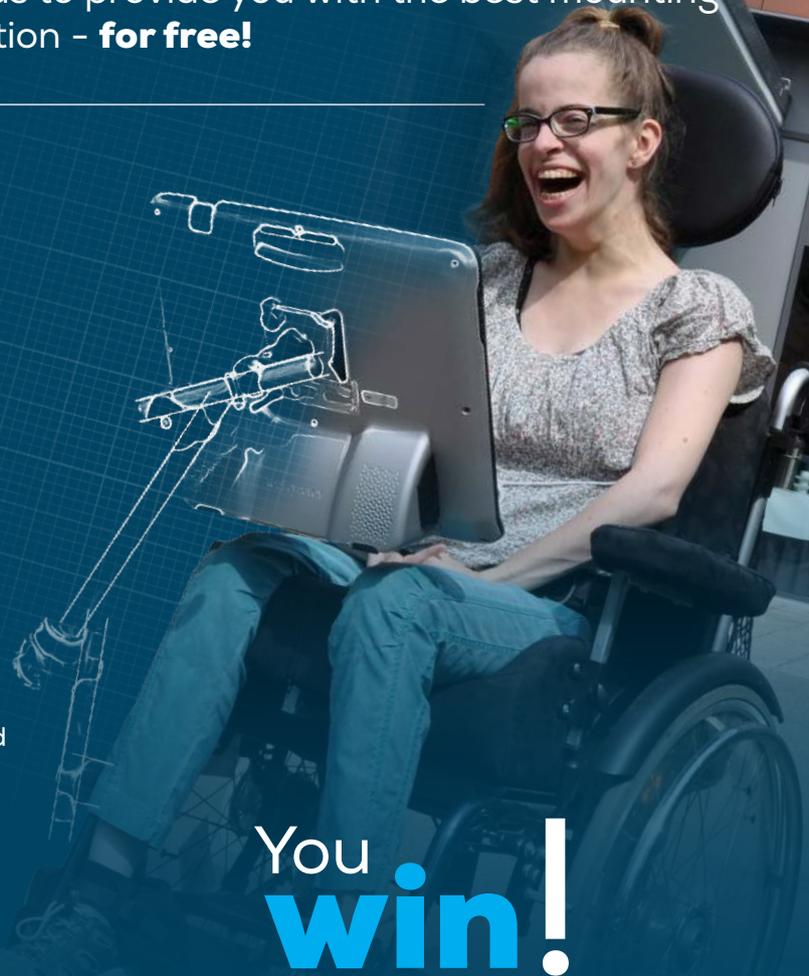
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