



Ropox Support Washbasin Complete

Fixed – Basic - Manual

USER MANUAL

MOUNTING INSTRUCTIONS

Keep this manual with the product at all times

PA 2004 00634

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1. Introduction

Owing to its unique design, Ropox Support Washbasin provides additional support and easier access to the washbasin for wheelchair users and walking-impaired persons. The manual height adjustment facilitates frequent adjustment of the washbasin to suit several users. The height adjustment range of the adjustable models is 30cm.

The ample space for knees and legs makes the washbasin ideal for wheelchair users, who obtain optimum mobility and a perfect working position.

The integrated grab handles facilitate access and allows the user to get close to the washbasin.



This manual must ALWAYS accompany the product and be read by and available to the user

Correct use, operation and inspection are decisive factors for effective and safe performance.

2. Conformity with EU Directives

This product has CE marking and is thus in accordance with the basic requirements concerning functionality and safety according to the current Machinery Directive.

All models of Ropox Support Washbasin are manufactured in accordance with the current requirements of Directive No. 93/42/EEC concerning Medical Devices and belong to the lowest risk class 1

3. Application

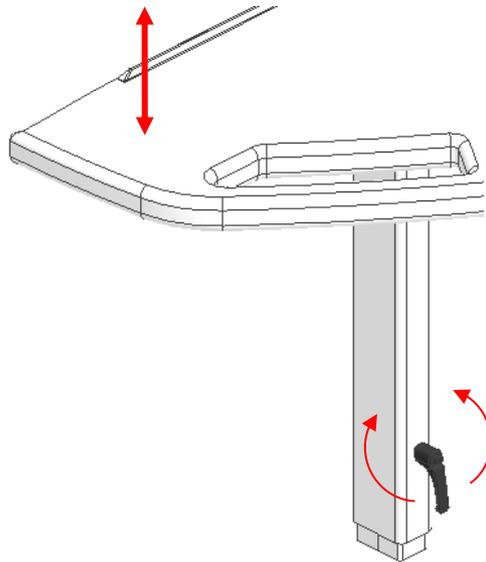
Ropox Support Washbasin Basic and Manual may be adjusted in height for optimum working height for user and carer. Ropox Support Washbasin must NOT be used as a lifting table or person lifter.

The product is designed for indoor use under normal room temperature and humidity as specified in Section 4.

3.1 Operation

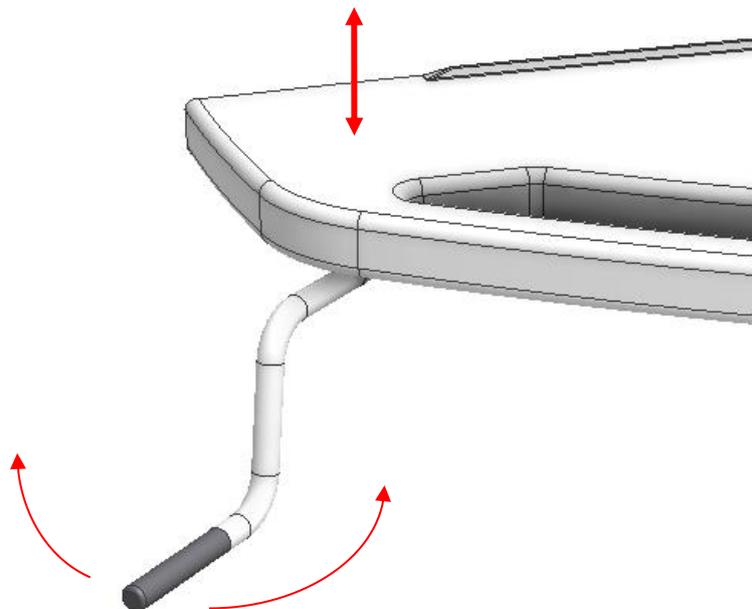
Basic height adjustment (applying to 40-44002/03)

The height of the washbasin may be adjusted by loosening the two handles. Note that the washbasin must be supported while loosening the handles in order to prevent it from falling to the bottom position. Covers, if any, must be removed before adjustment of these models.



Manual height adjustment (applying to 40-44004/05):

The height of the washbasin may be easily adjusted by means of the detachable hand crank.



4. Technical data

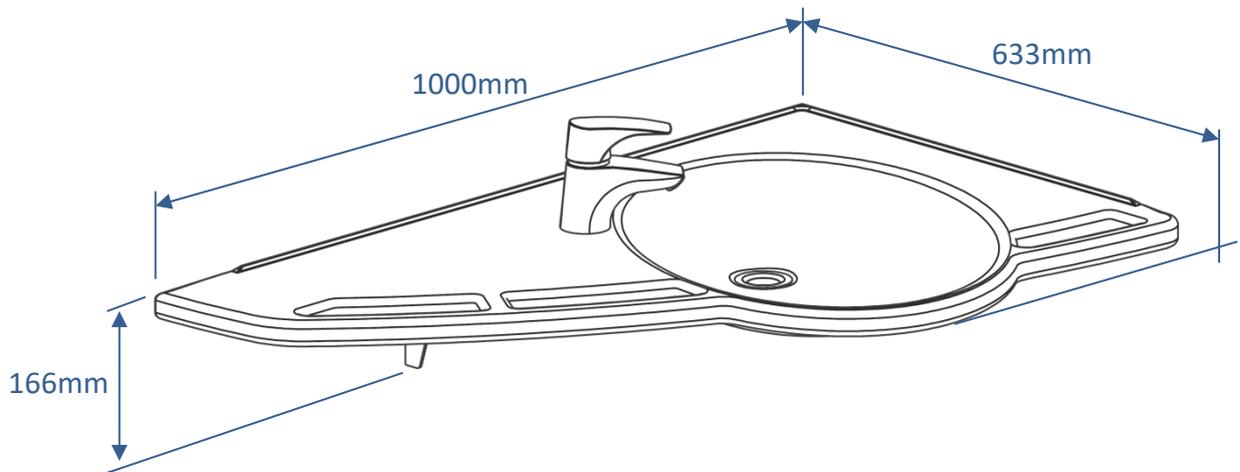
Product name:	Ropox Support Washbasin		
Item number:	Item number	Name	Illustration
	40-44000	Fixed (left)	
	40-44001	Fixed (right)	
	40-44002	Basic height adjustment (left)	
	40-44003	Basic height adjustment (right)	
	40-44004	Manual height adjustment (left)	
	40-44005	Manual height adjustment (right)	
Adjustment range:	30 cm (71-101cm)		
Mixer tap:	Oras Saga, mixer tap with temperature pre-setting facility. Alternative mixer taps available. Contact Ropox for more information.		
Materials:	Frame:	Welded steel pipes St. 37 Aluminium alloy 6060-T6 Various plastic components	
	Washbasin:	Synthetic/marble composite	
	Cover:	Vacuum-shaped ABS	
Surface treatment:	Powder coating, RAL 9010 matte white, chromite, gel coat		
Max. load:	Tested in accordance with DS/ISO 17966:2016, max user weight is 400kg/881lb		
Ambient temperature range:	-5 °C to +40 °C Transport and storage +5 °C to +40 °C Operation		
Relative humidity:	20% to 80% - non condensing		
Complaint:	See Complaint page 42		
Manufacturer:	Ropox A/S, DK-4700 Næstved, Phone: +45 55 75 05 00 e-mail: info@ropox.dk , www.ropox.dk		

Intended use

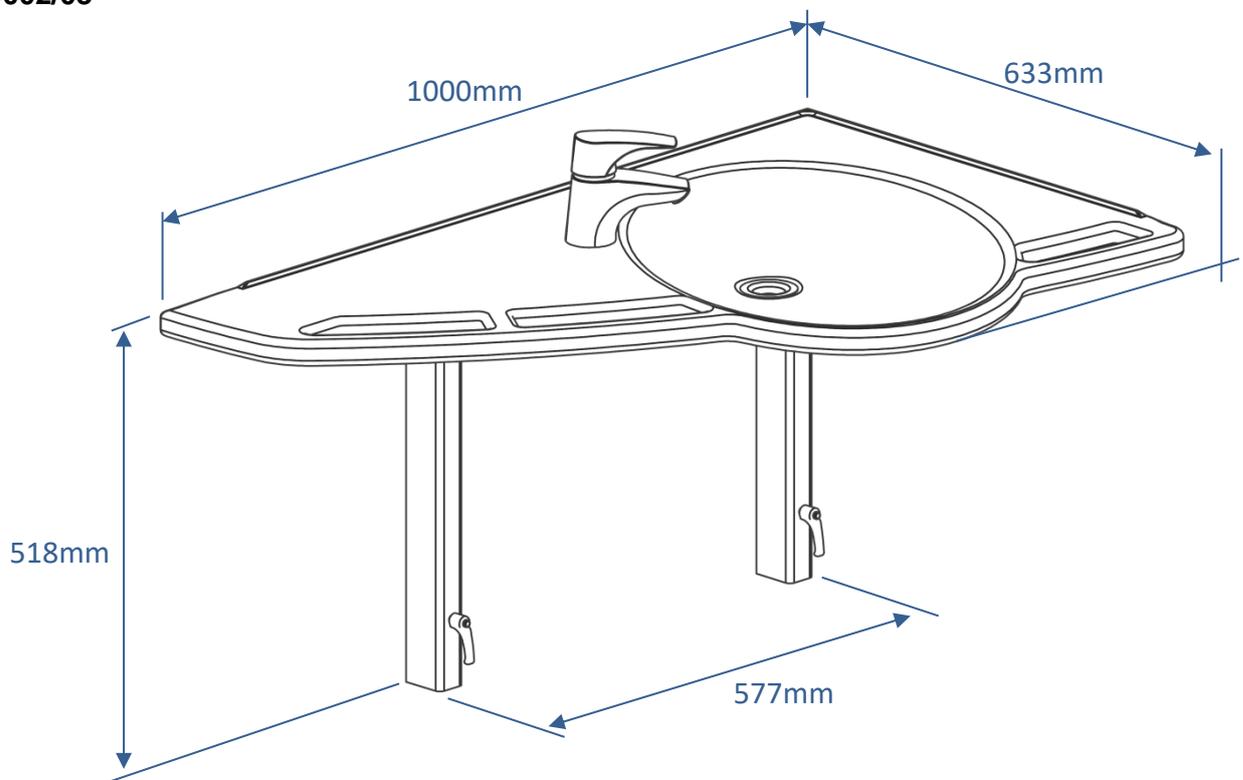
The support washbasin is especially suitable for walking-impaired because you can use the integrated, ergonomic grab rails as support and as help when getting up or sitting down. The washbasin is available with fixed height and with height adjustment. It is possible to choose between manual or electrical height adjustment. This makes it able to suit the individual user who will be using the washbasin.

5. Dimension sketches

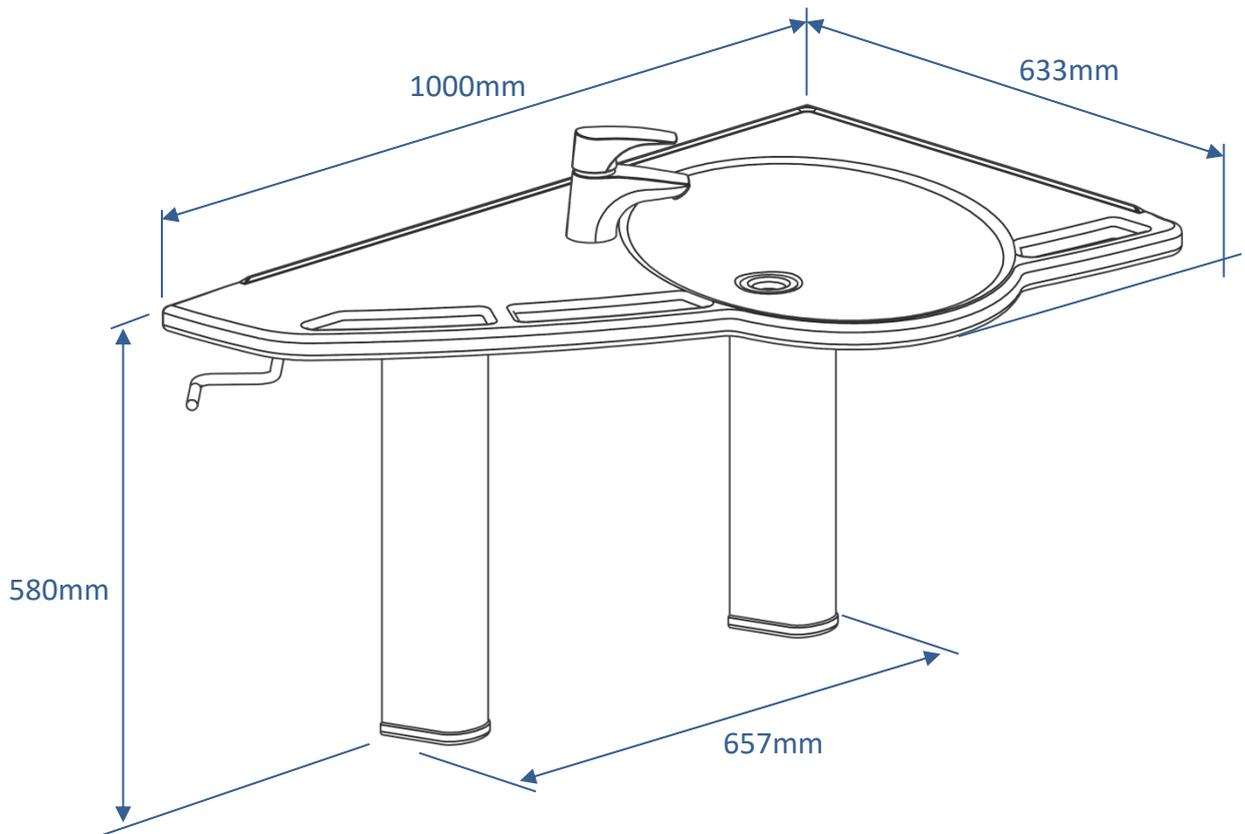
Fixed
40-44000/01



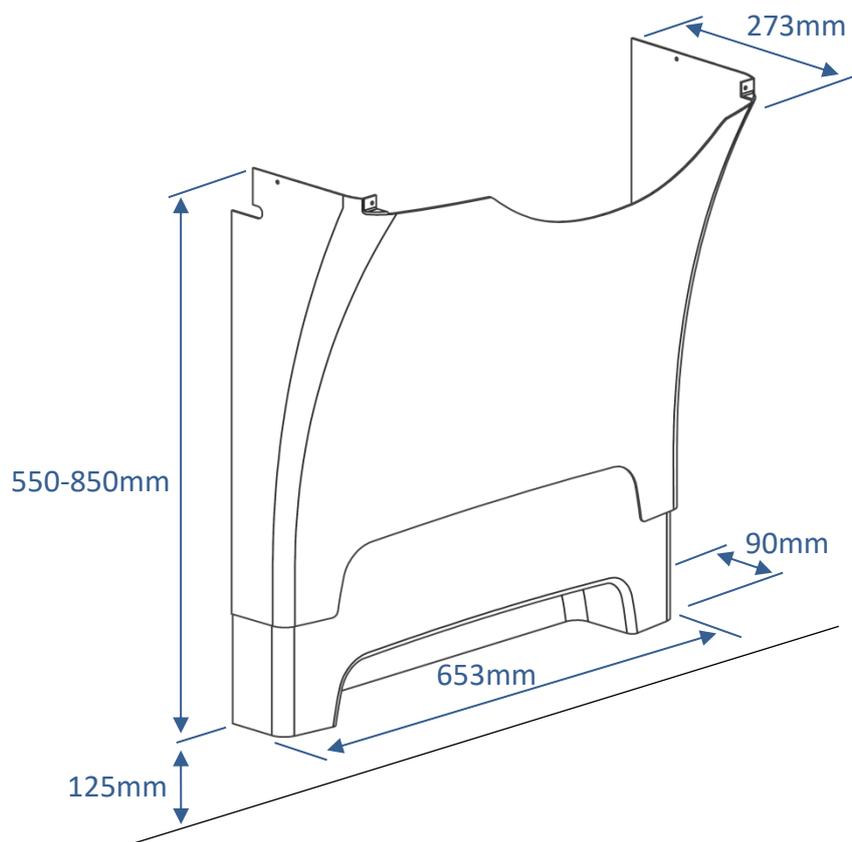
Basic height adjustment
40-44002/03



**Manual height adjustment
40-44004/05**



**Accessories – covers
40-44021/22**



6. Installation interfaces

Fixed (40-44000 and 40-44001)

CONSTRUCTION

The wall must be made of a material suited for screw mounting and approved for damp rooms. The hatched area is the minimum area for reinforcement of the wall. Reinforcement from floor to ceiling is advisable.

Load-tested in Accordance to DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max. tensile load of upper screws

150kg/screw (330 lbs)

The washbasin is supplied with a set of 6 screws and rawplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawplugs suitable for the specific wall type.

PLUMBING

The drain is $\text{Ø}32$ (1 1/4") and ends in an $\text{Ø}32 \times 88.5^\circ$ drain elbow.

The maximum protrusion of drain connection and elbow from the wall is 90mm (3 1/2") to allow for the covers.

The water supply ends in 2 (two) 90° shut-off valves with 1/2" outside thread pointing downward (not included).

The maximum protrusion of the shut-off valves from the wall is 90mm (3 1/2") to allow for the covers.

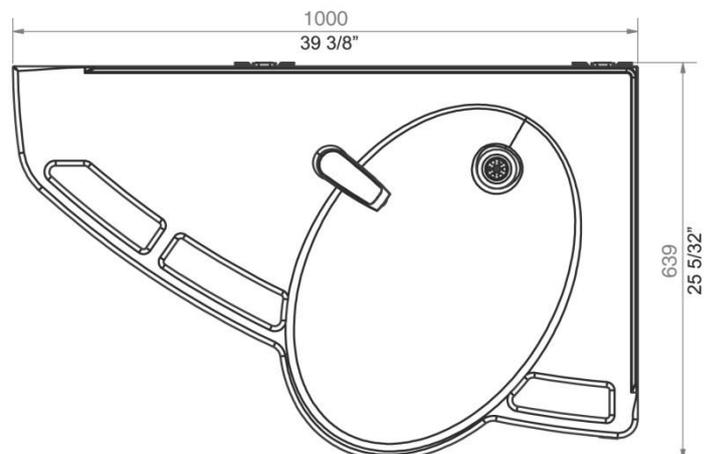
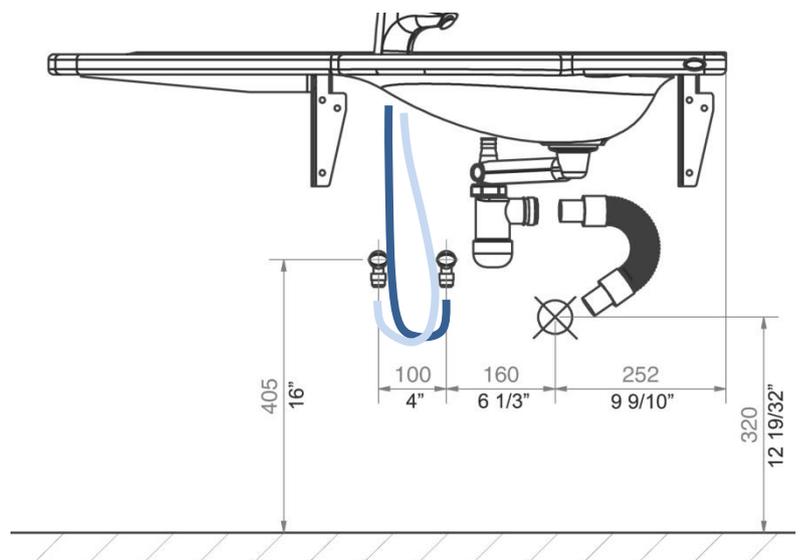
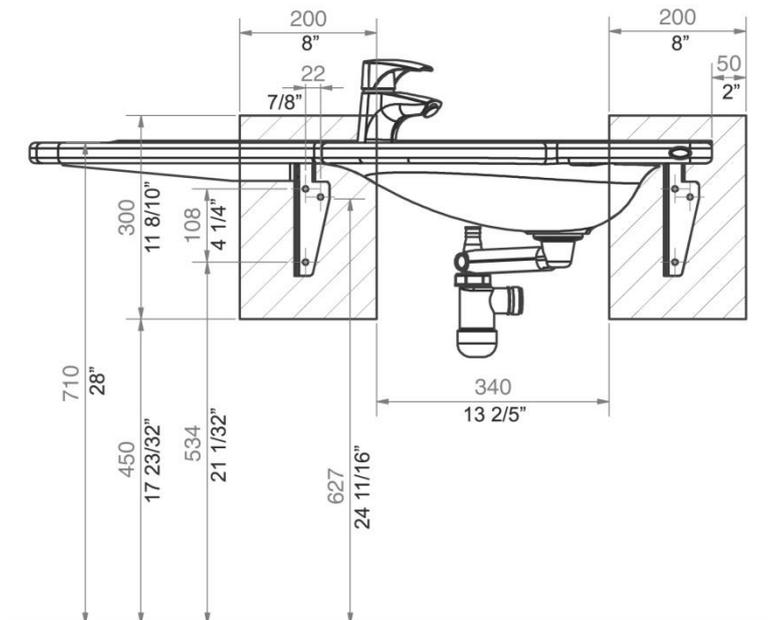
If a location of the water supply and drain different from the recommended positioning is required or if there is a floor drain, the Support Washbasin will have no covers.

For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

NOTE:

All dimensions are based on a washbasin height of 710mm (28") above floor level. If a change of this height is required, the recommended dimensions must be changed accordingly.

The illustrations show the left-hand model 40-44000



**Basic
(40-44002 and 40-44003)**

CONSTRUCTION

The wall must be made of a material suited for screw mounting and approved for damp rooms. The hatched area is the minimum area for reinforcement of the wall. Reinforcement from floor to ceiling is advisable. Load-tested in Accordance to DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max. tensile load of upper screws
85kg/screw (187 lbs)

The washbasin is supplied with a set of 6 screws and rawplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawplugs suitable for the specific wall type.

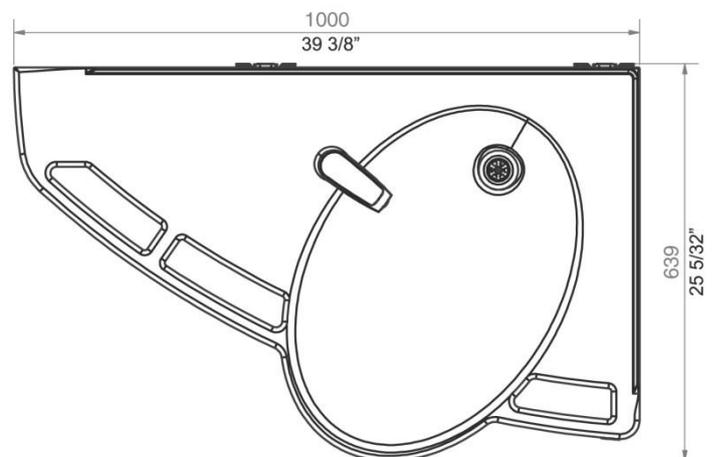
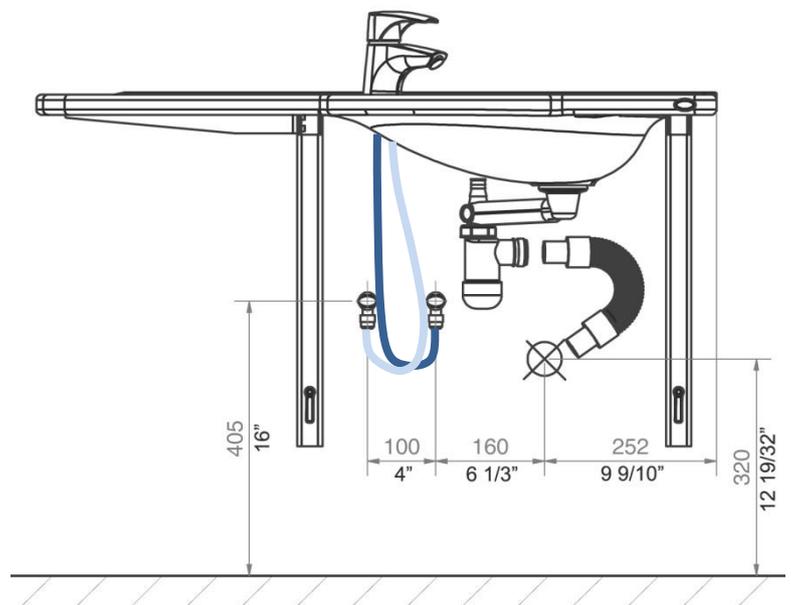
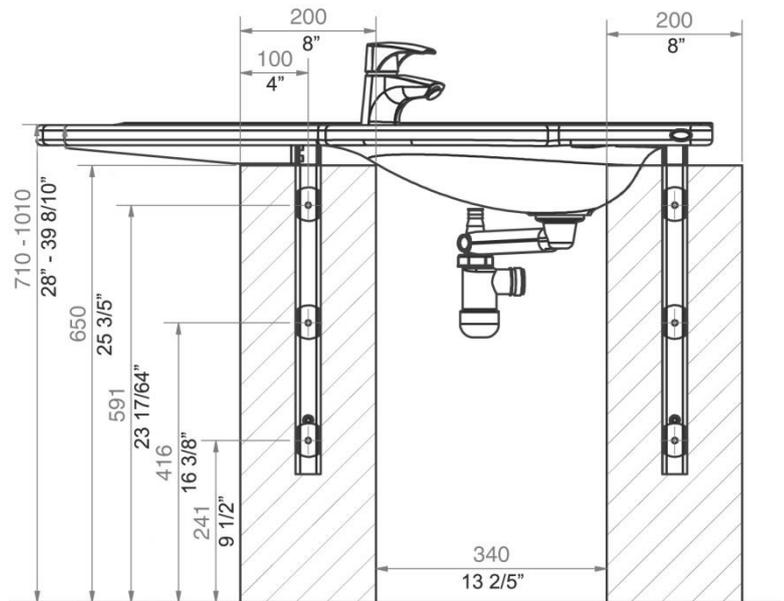
PLUMBING

The drain is Ø32 (1 ¼") and ends in an Ø32x88.5° drain elbow. The maximum protrusion of drain connection and elbow from the wall is 90mm (3 ½") to allow for the covers. The water supply ends in 2 (two) 90° shut-off valves with ½" outside thread pointing downward (not included). The maximum protrusion of the shut-off valves from the wall is 90mm (3 ½") to allow for the covers. It is important that all hoses for water connection and drain are flexible to allow the frame to move freely within the height adjustment range of 710-1010mm (28" – 39 8/10") (including washbasin).

If a location of water supply and drain different from the recommended positioning is required or if there is a floor drain, the Support Washbasin will have no covers. For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

NOTE:

The illustrations show the left-hand model 40-44002



**Manual
(40-44004 and 40-44005)**

CONSTRUCTION

The wall must be made of a material suited for screw mounting and approved for damp rooms. The hatched area is the minimum area for reinforcement of the wall. Reinforcement from floor to ceiling is advisable. Load-tested in Accordance to DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max tensile load of upper screws
71kg/screw (157 lbs)

The washbasin is supplied with a set of 8 screws and rawplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawplugs suitable for the specific wall type.

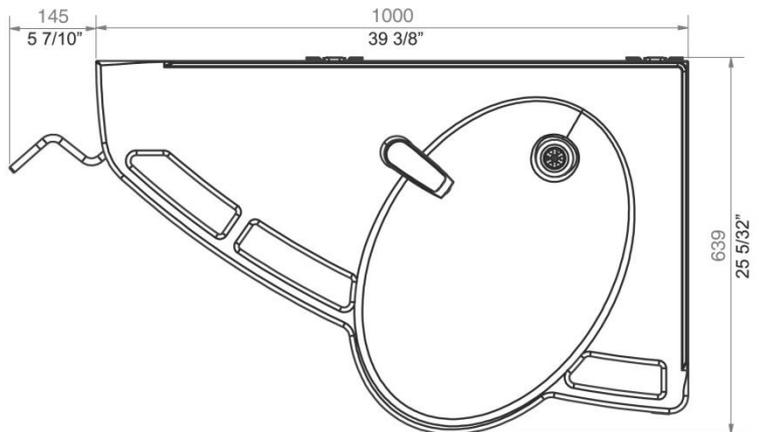
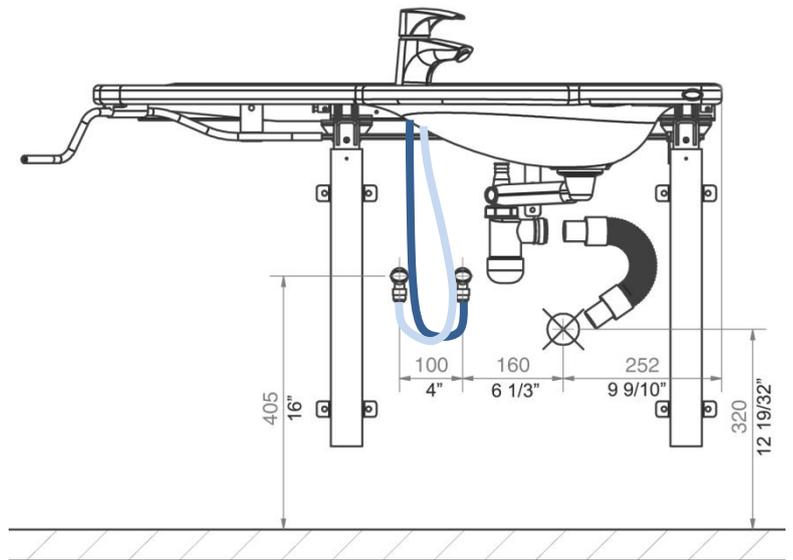
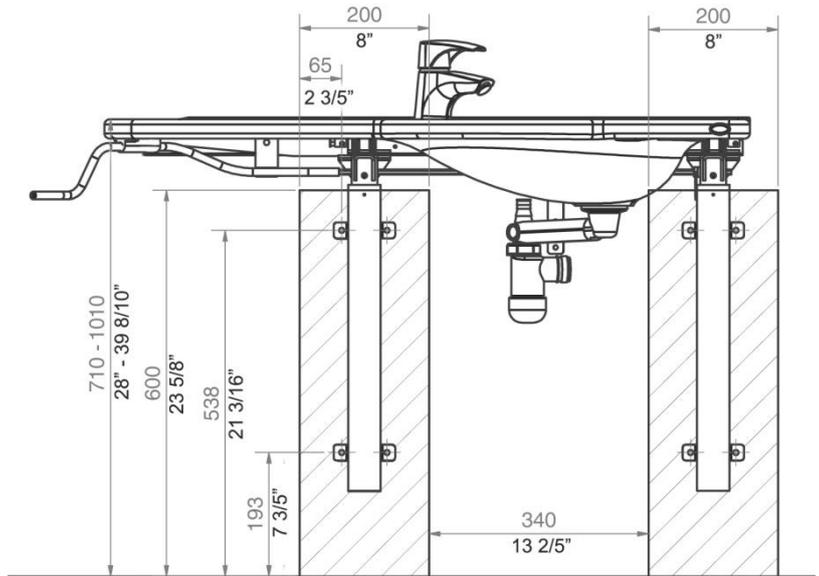
PLUMBING

The drain is Ø32 (1 ¼") and ends in an Ø32x88.5° drain elbow. The maximum protrusion of drain connection of elbow from the wall is 90mm (3 ½") to allow for the covers. The water supply ends in 2 (two) 90° shut-off valves pointing downward (not included). The maximum protrusion of the shut-off valves from the wall is 90mm (3 ½") to allow for the covers

It is important that all hoses for water connection and drain are flexible to allow the frame to move freely within the height adjustment range of 710-1010mm (28" – 39 8/10") (including washbasin). If a location of water supply and drain different from the recommended positioning is required and if there is a floor drain, the Support Washbasin will have no covers.

For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

NOTE: The illustrations show the left-hand model 40-44004



6.1 Connection adapters

The highlighted components can be bought separately depending on the type of building installation requirements.

Water supply

Hoses from basin	Adapters	Installation in room (not included)
 1/2"	No adapter necessary	 1/2" Thread
	 1/2" -> 3/8" Item no. 97001670	 3/8" Thread
	 1/2" -> 15mm Item no. 97001666	 15mm Pipe

Water hose extensions

Hose from basin	Coupling piece	Extra hose
	 1/2" -> 1/2" Item no. 97001662	 1/2" x 1/2", 0,5m, steel Item no. 97001123
		 1/2" x 1/2", 1m, plastic Item no. 97001120

Drain

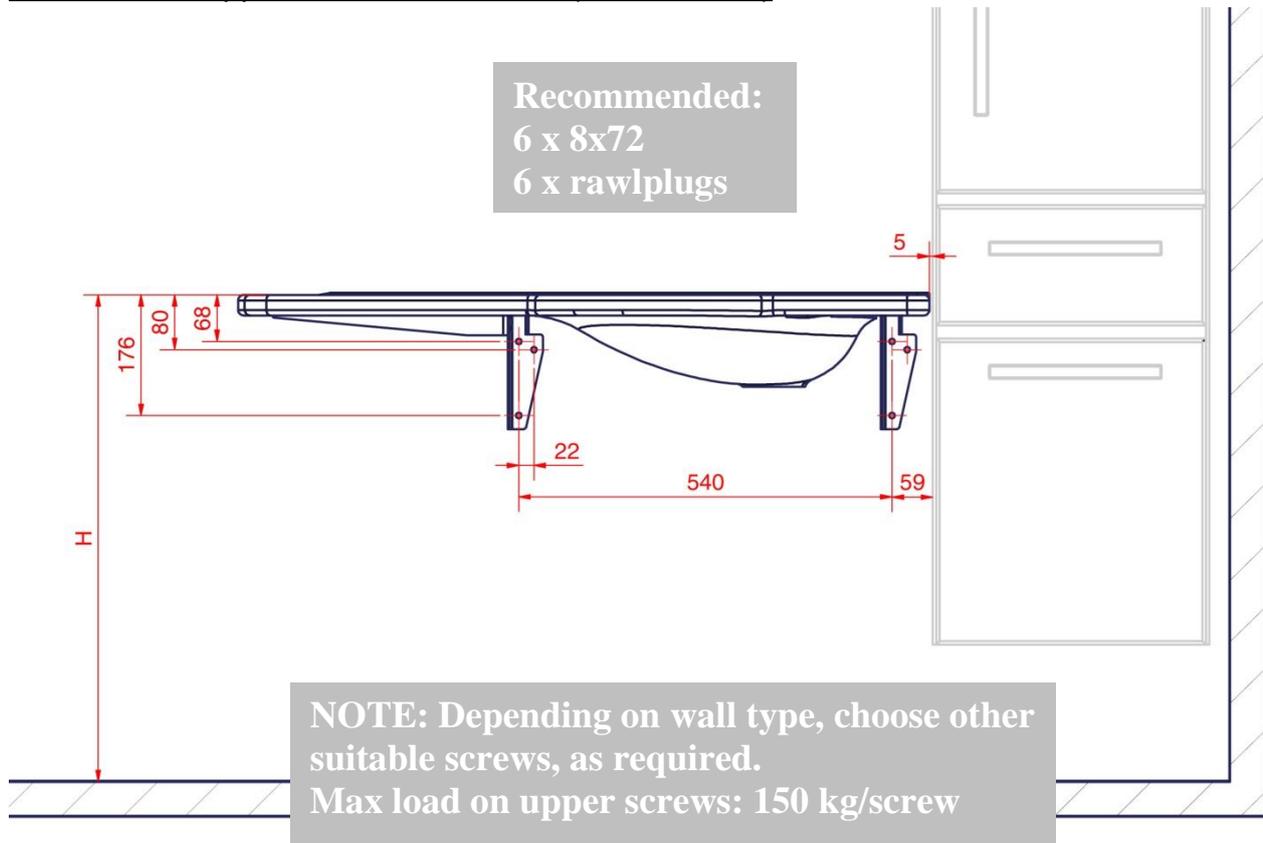
Drain pipe from basin	Adapters	Installation in room (not included)
 Ø32	No adapter necessary	 Ø32
	 Ø32 -> Ø40 Item no. 97001660	 Ø40
	 Ø32 -> Ø50 Item no. 97001661	 Ø50

Drain pipe extensions

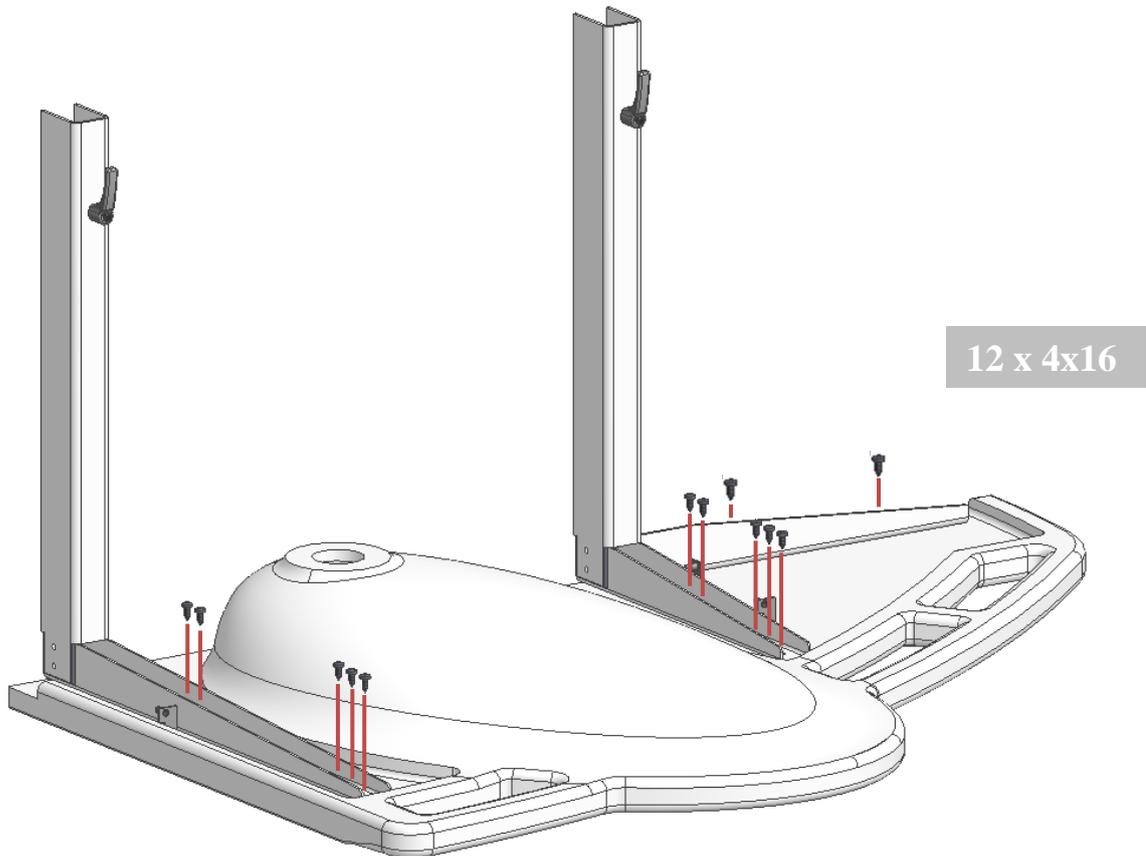
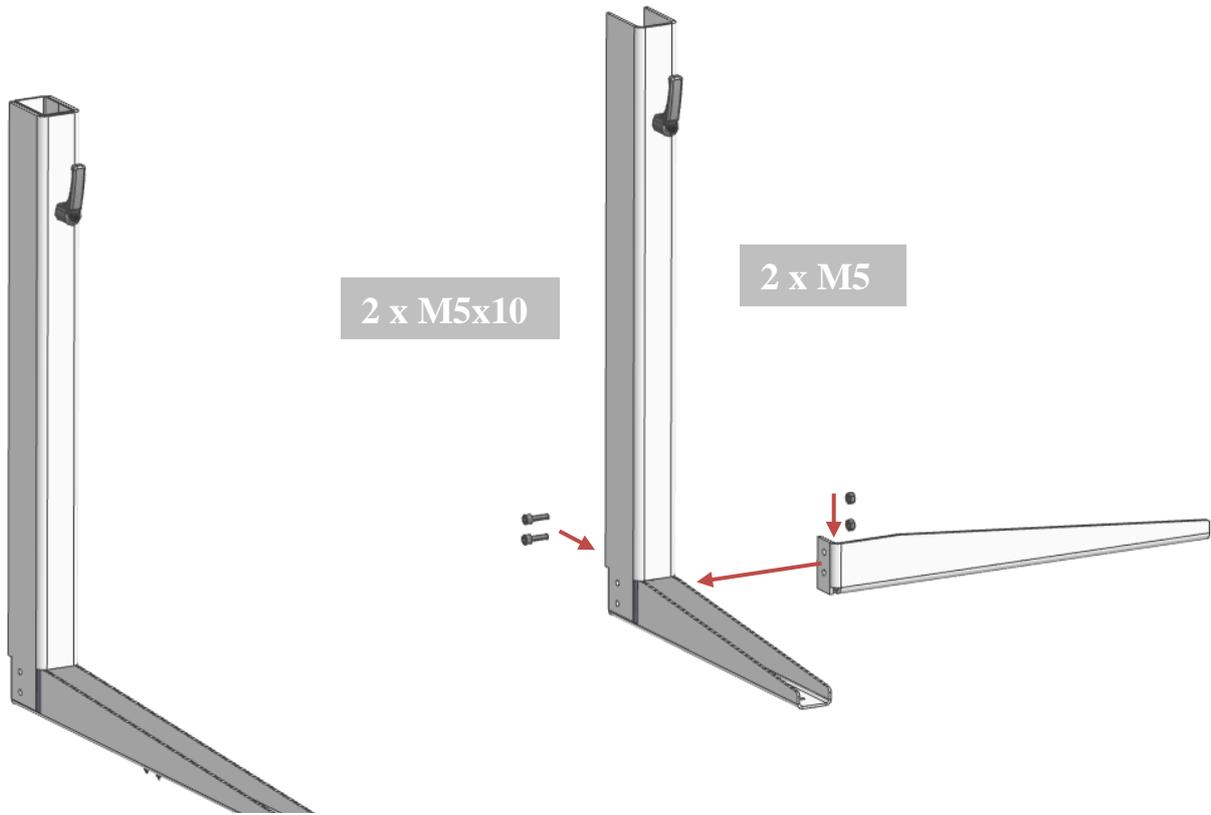
Drain pipe from basin	Coupling piece	Extra drain pipe
 Ø32	 Ø32-Ø32 Item no. 97001662	 Ø32 Flex hose, 27-62cm Item no. 97001162
		 Ø32 Flex hose, 40-110cm Item no. 97001161

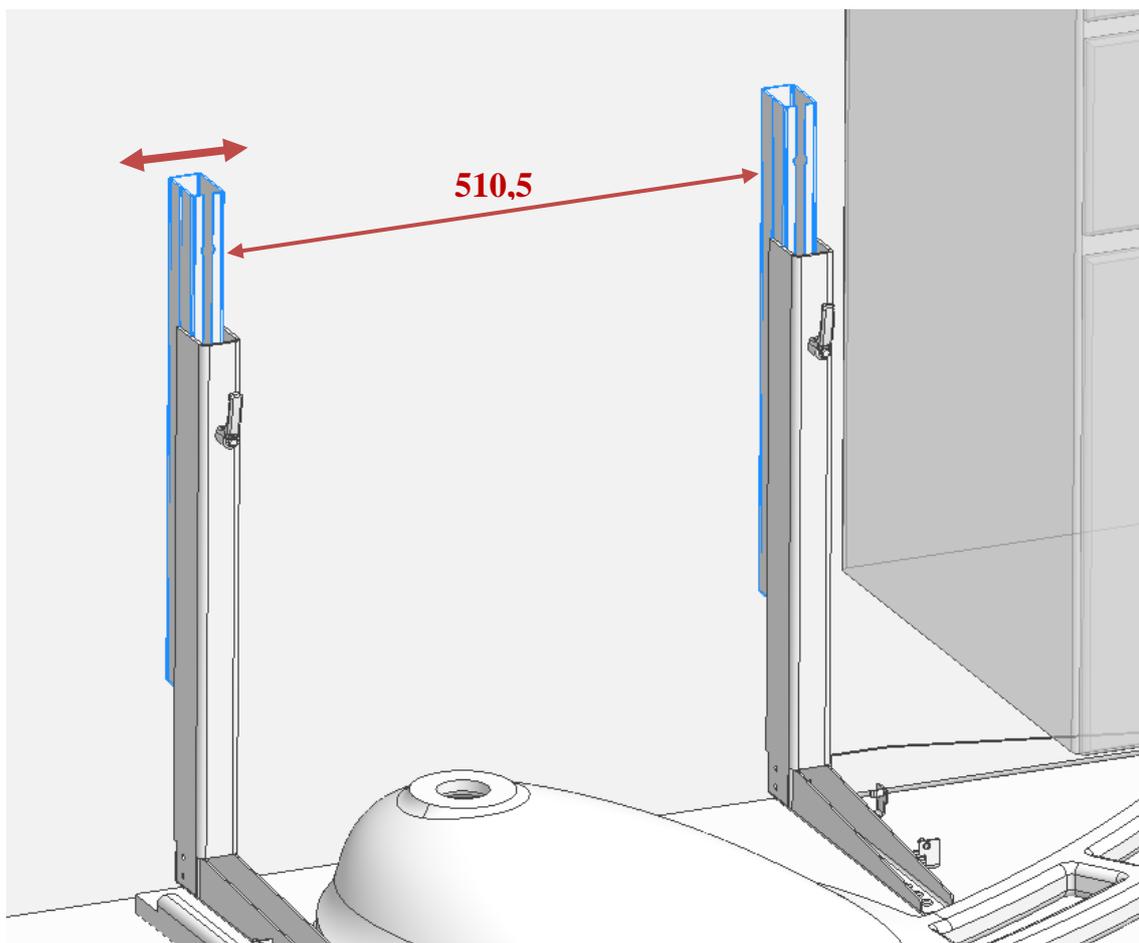
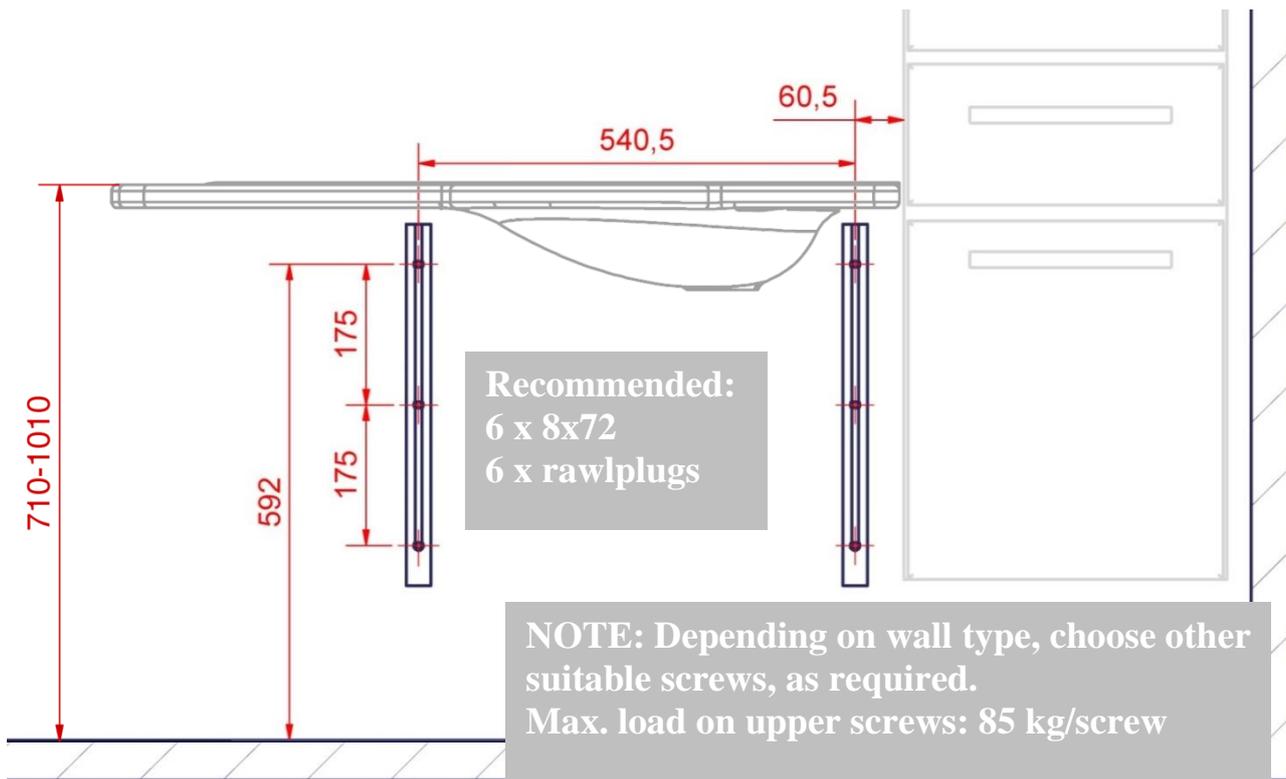
7. Mounting instructions

7.1 Support Washbasin, Fixed (40-44000/01)

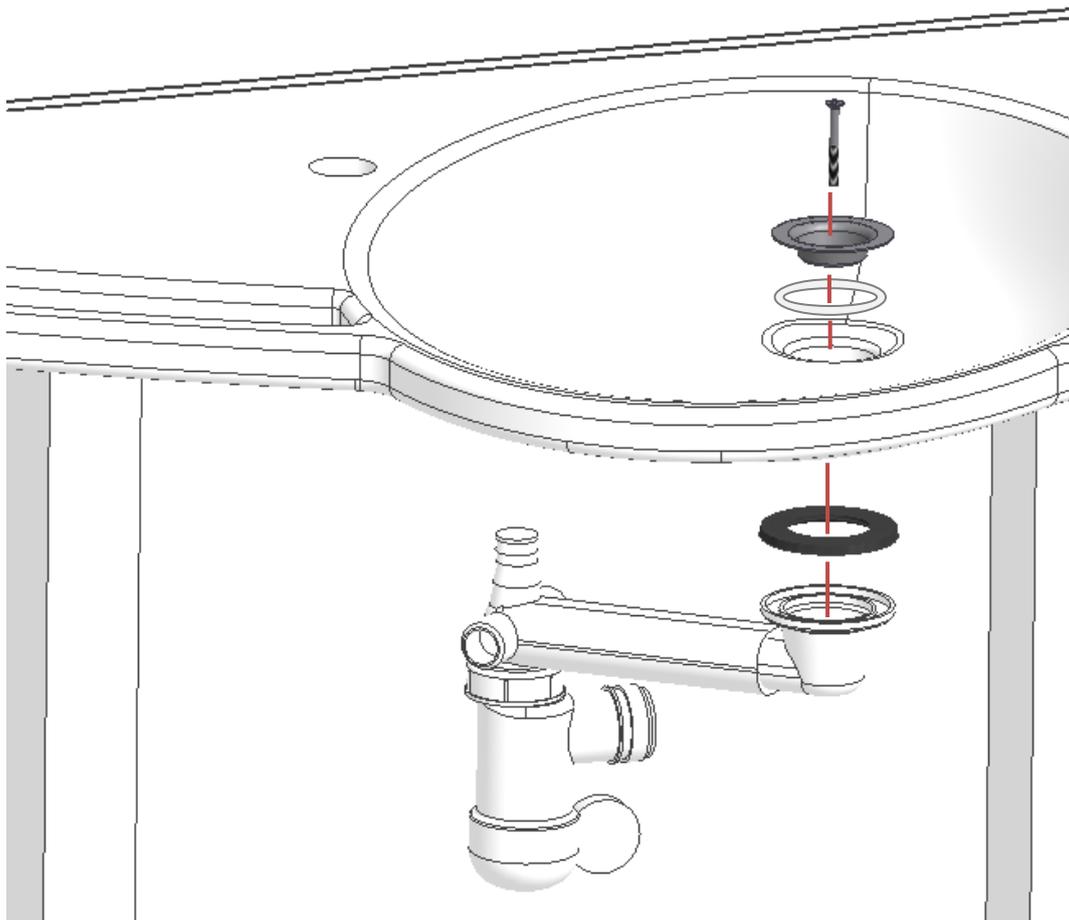
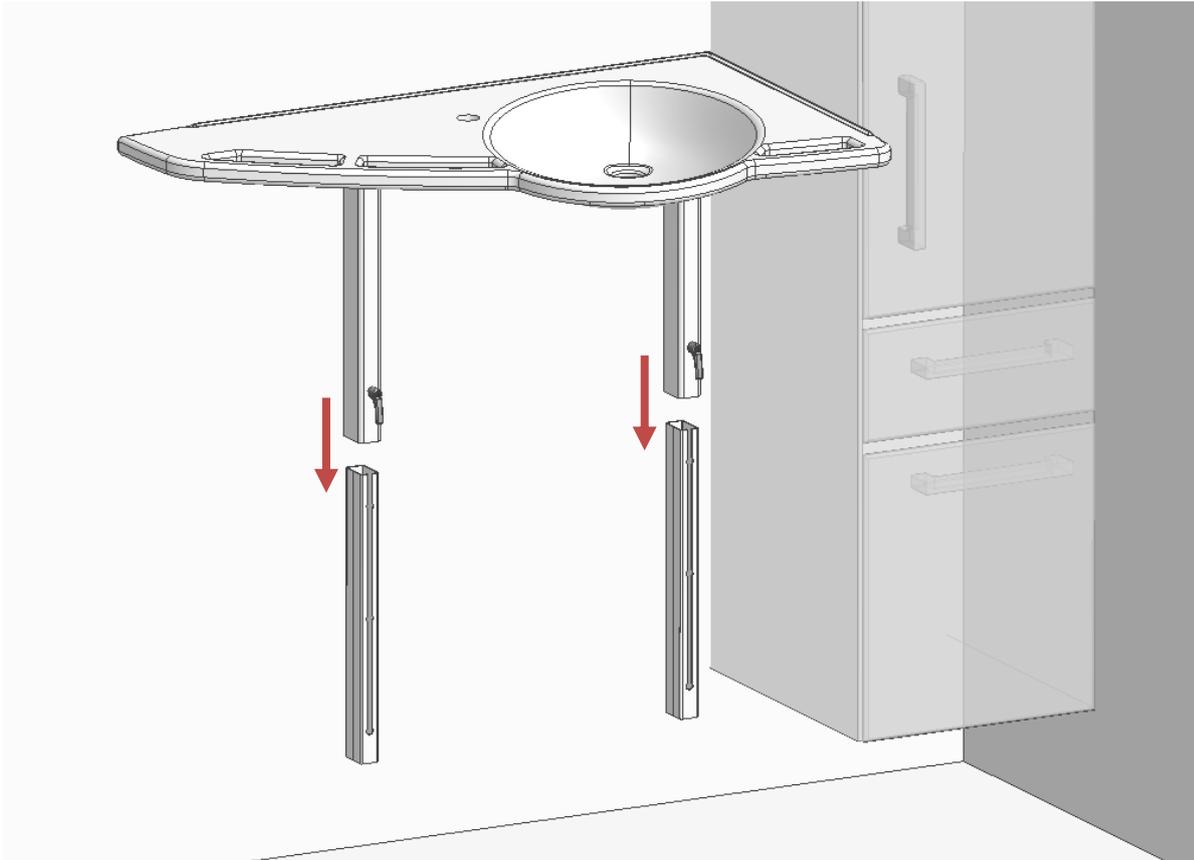


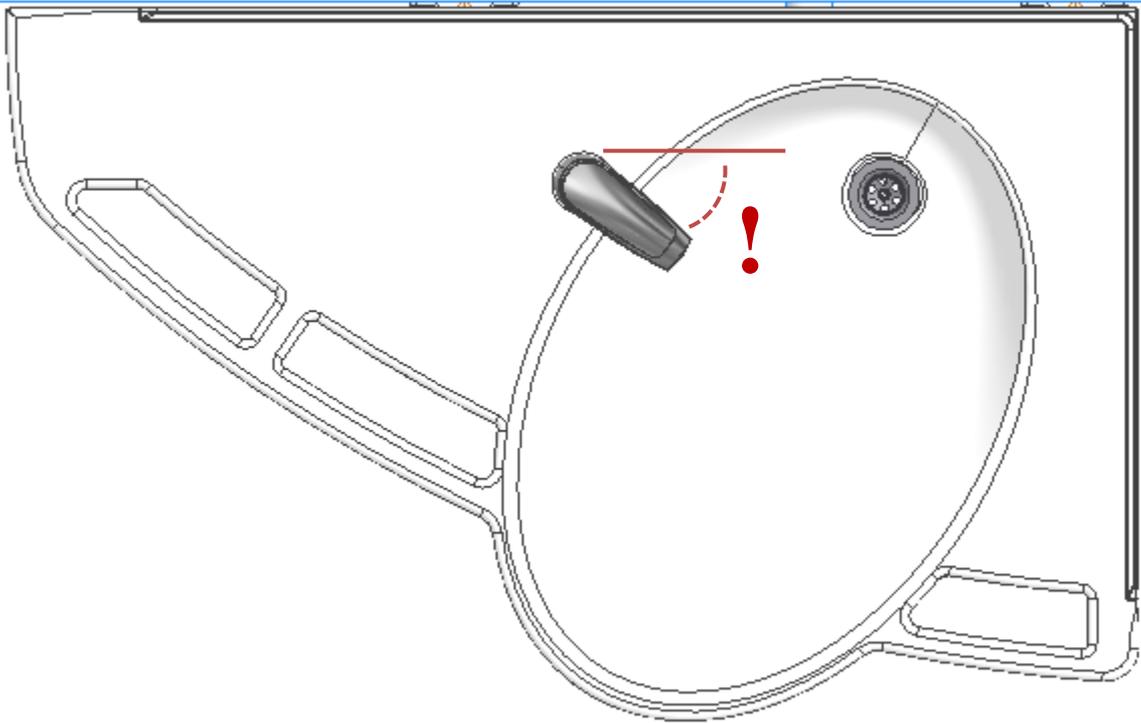
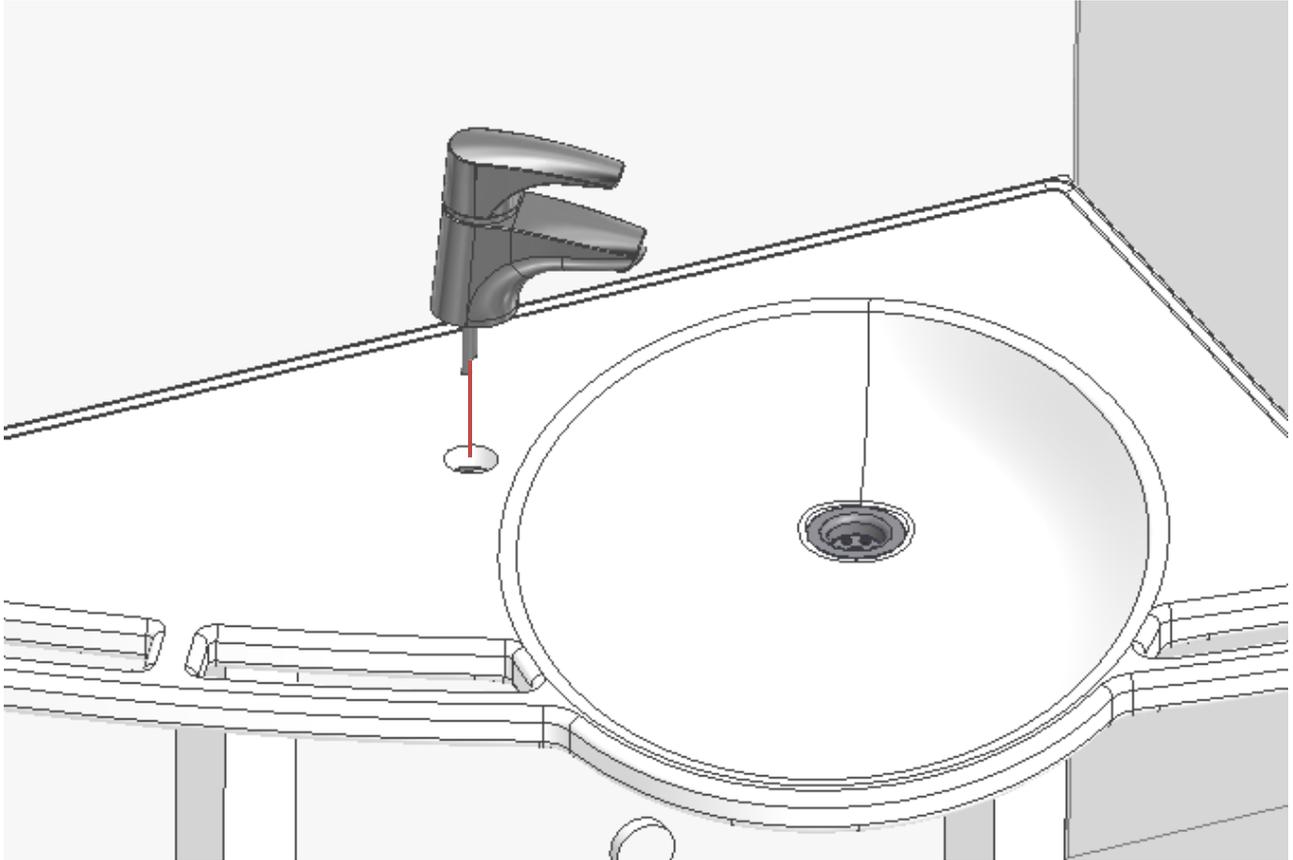
7.2 Support Washbasin with Basic frame (40-4002/03)



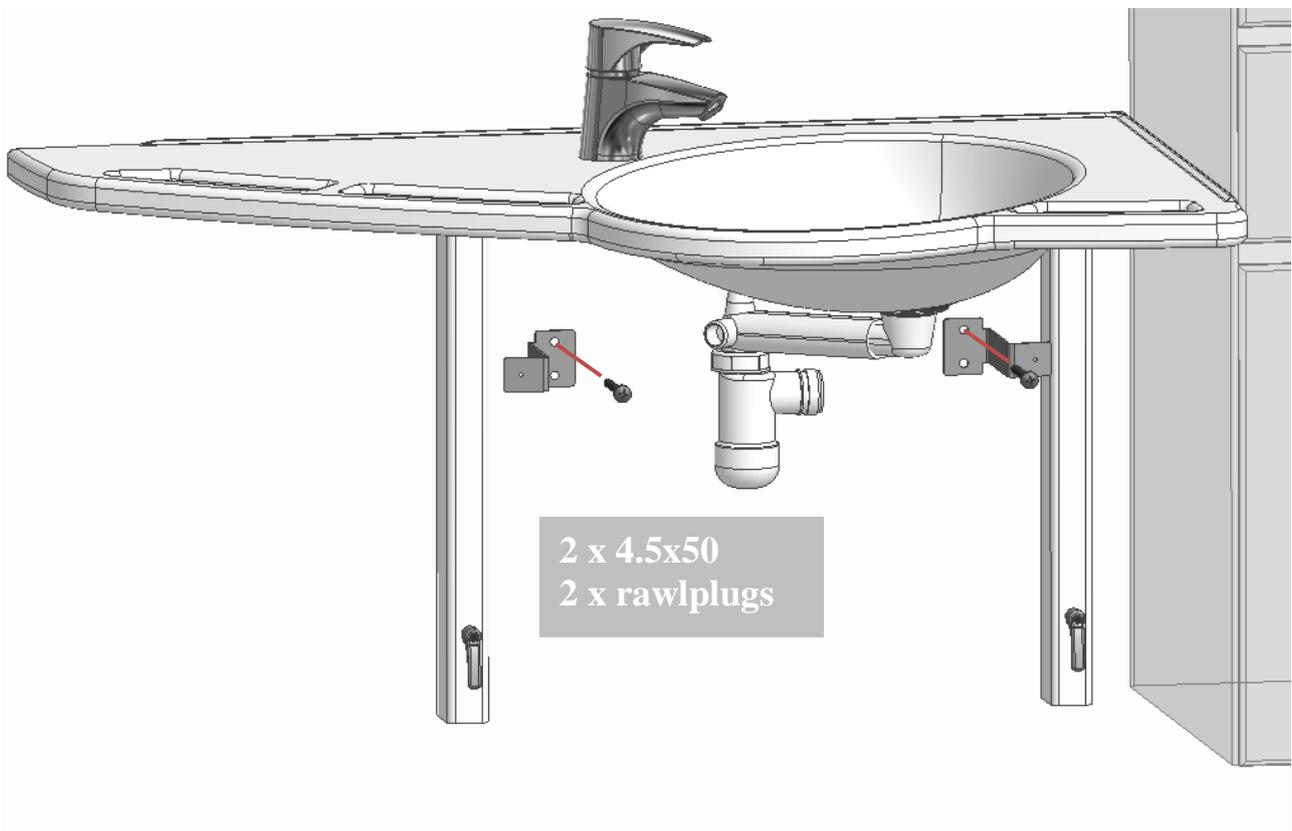
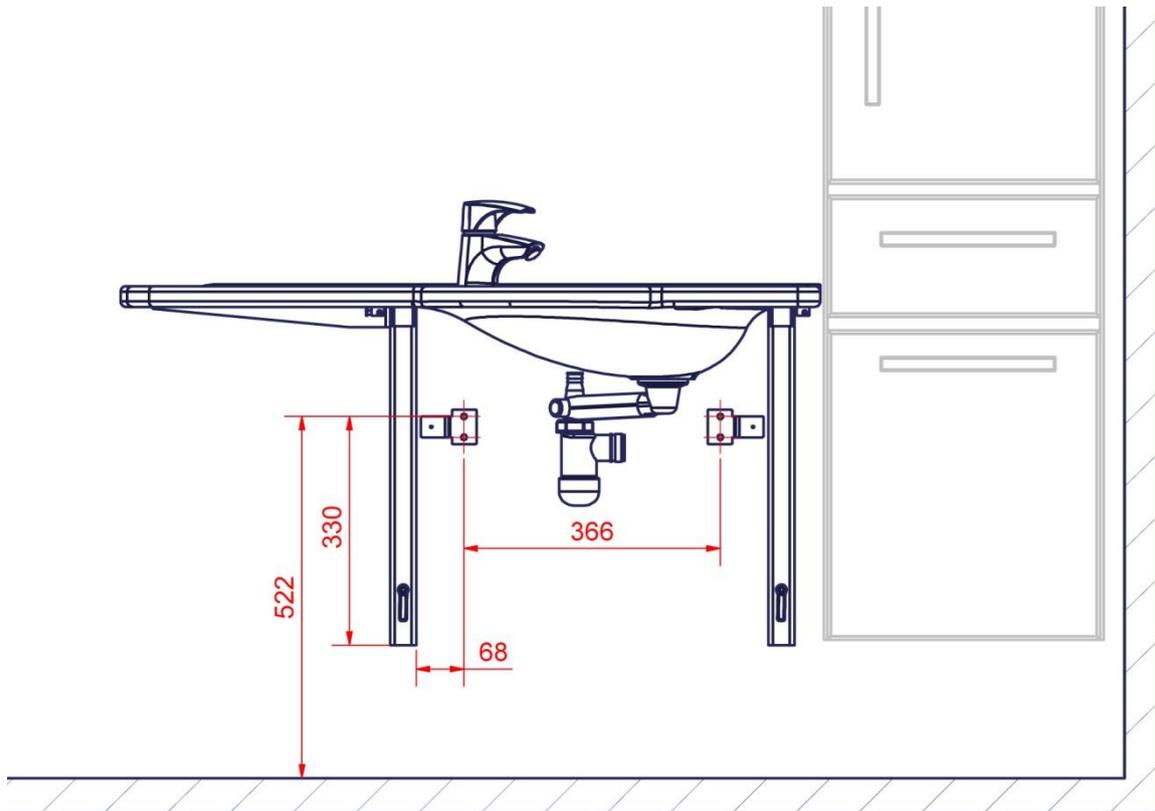


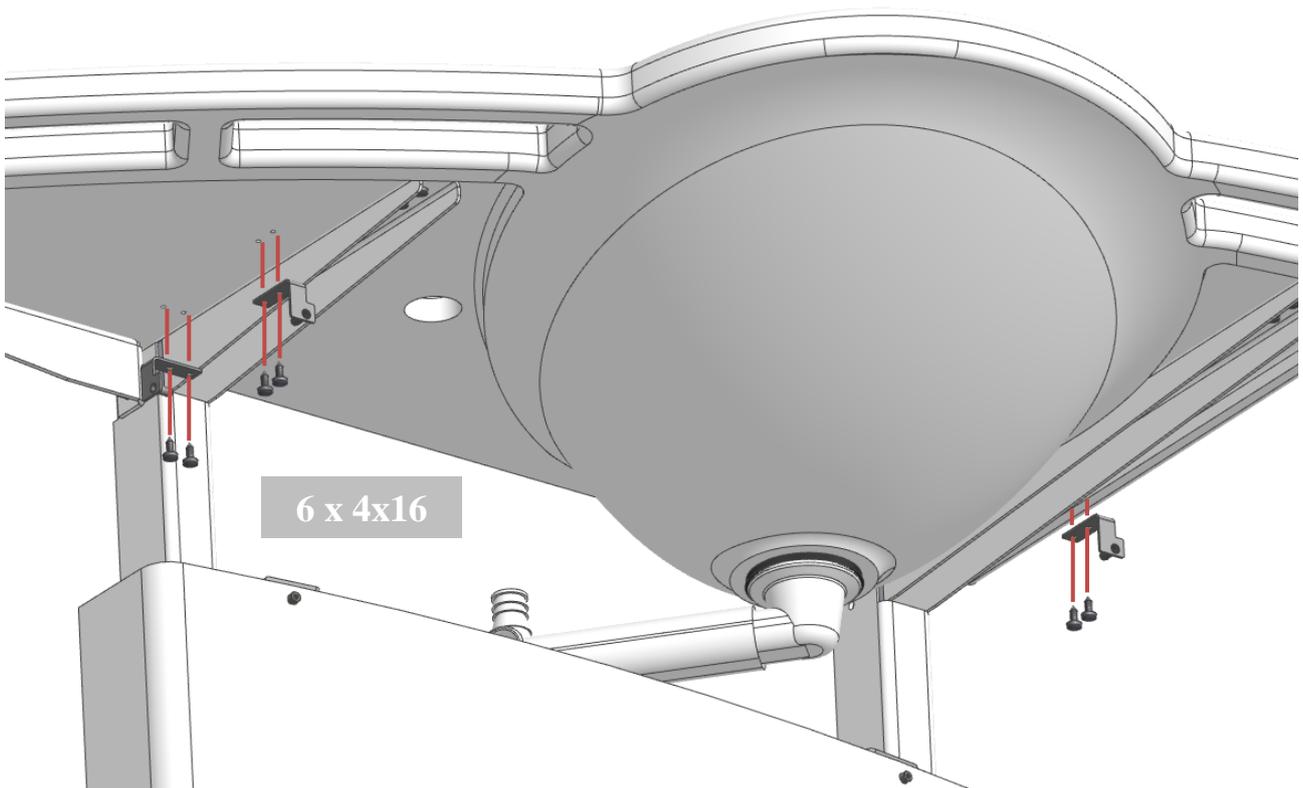
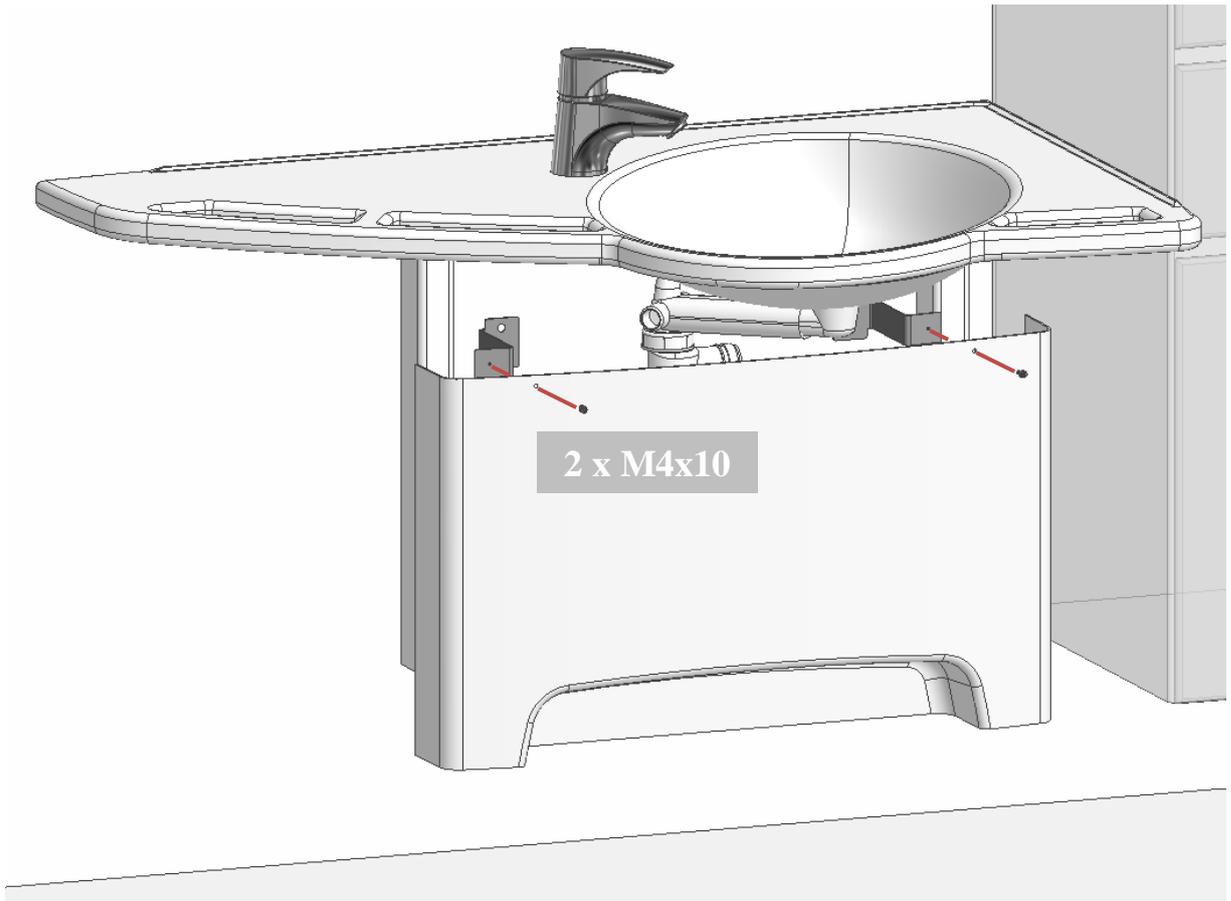
Fine adjustment of wall fitting – use legs on washbasin as a guide

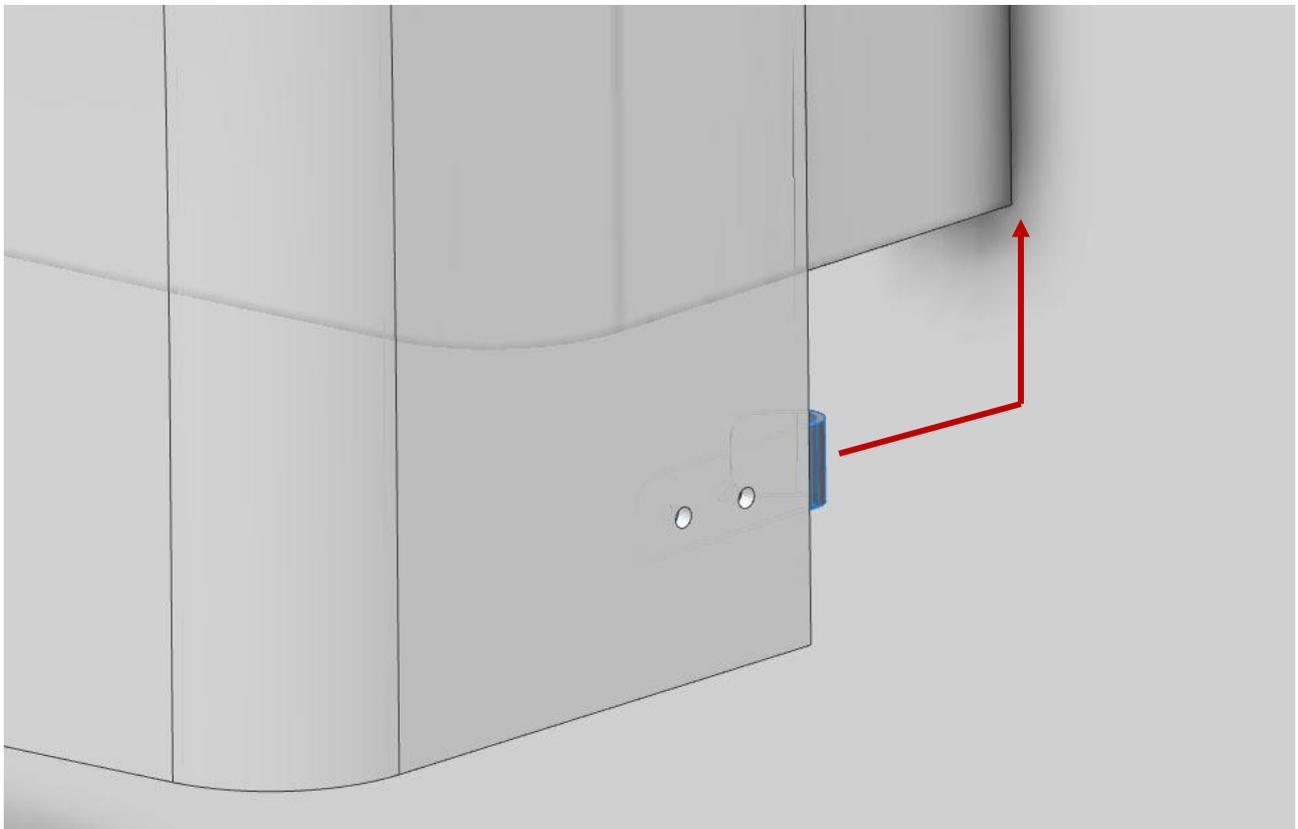
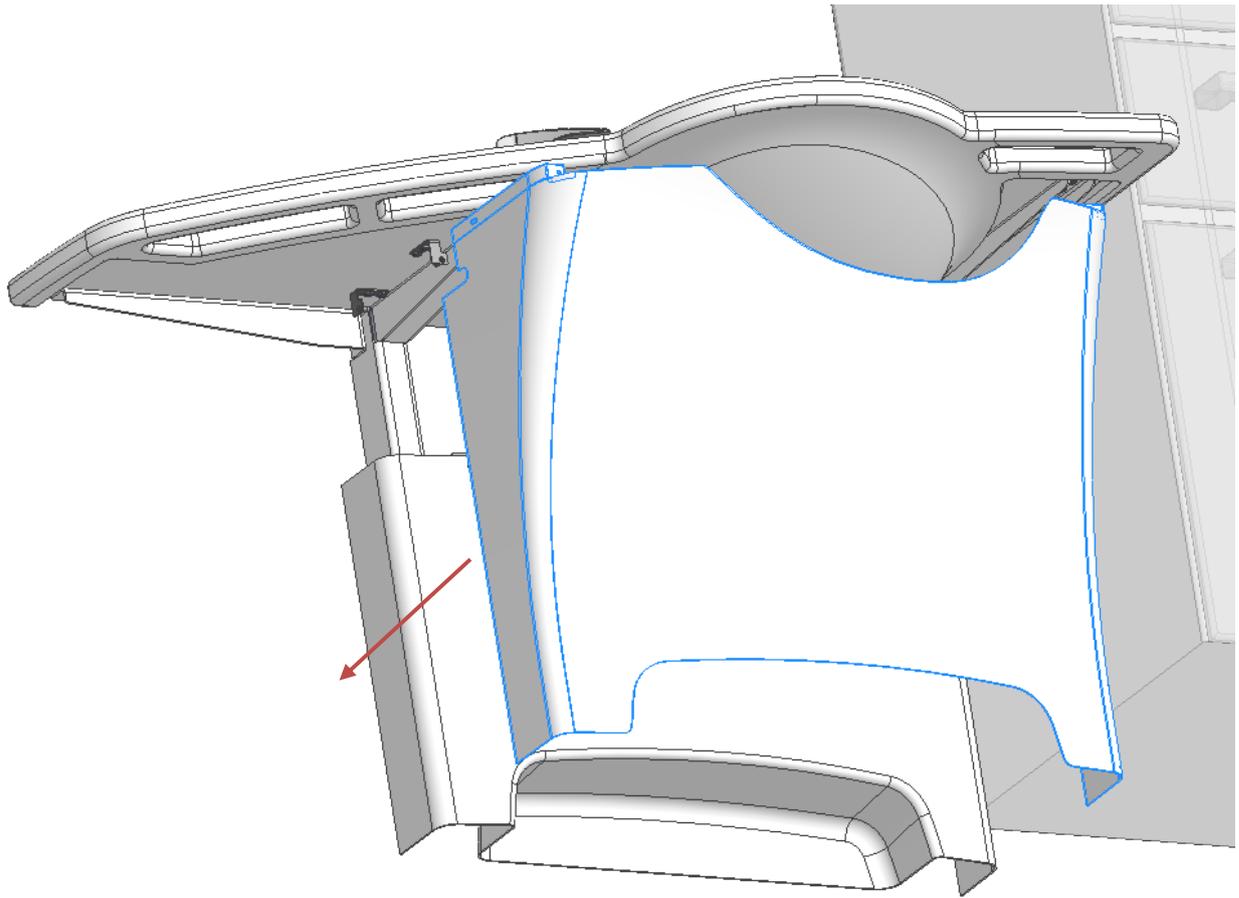


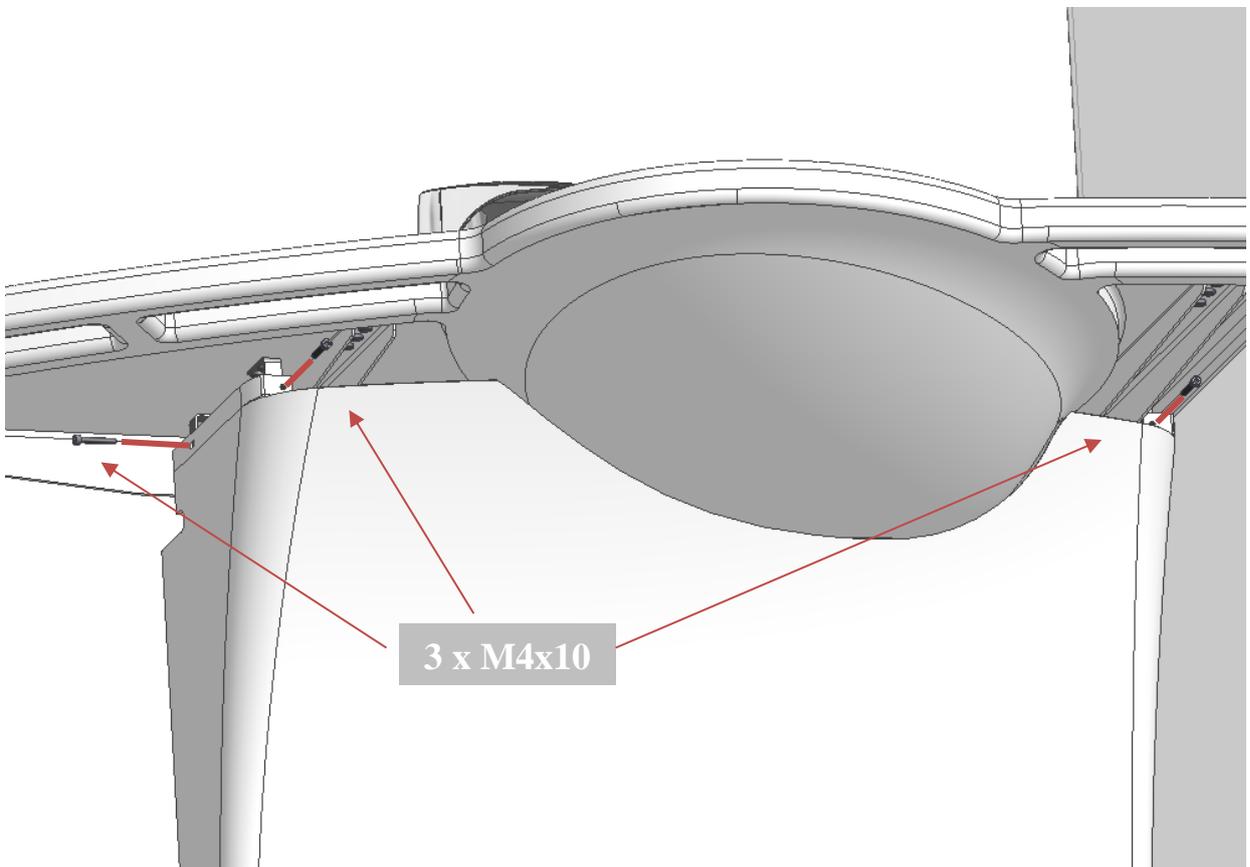


7.3 Mounting of covers for 40-44002/03

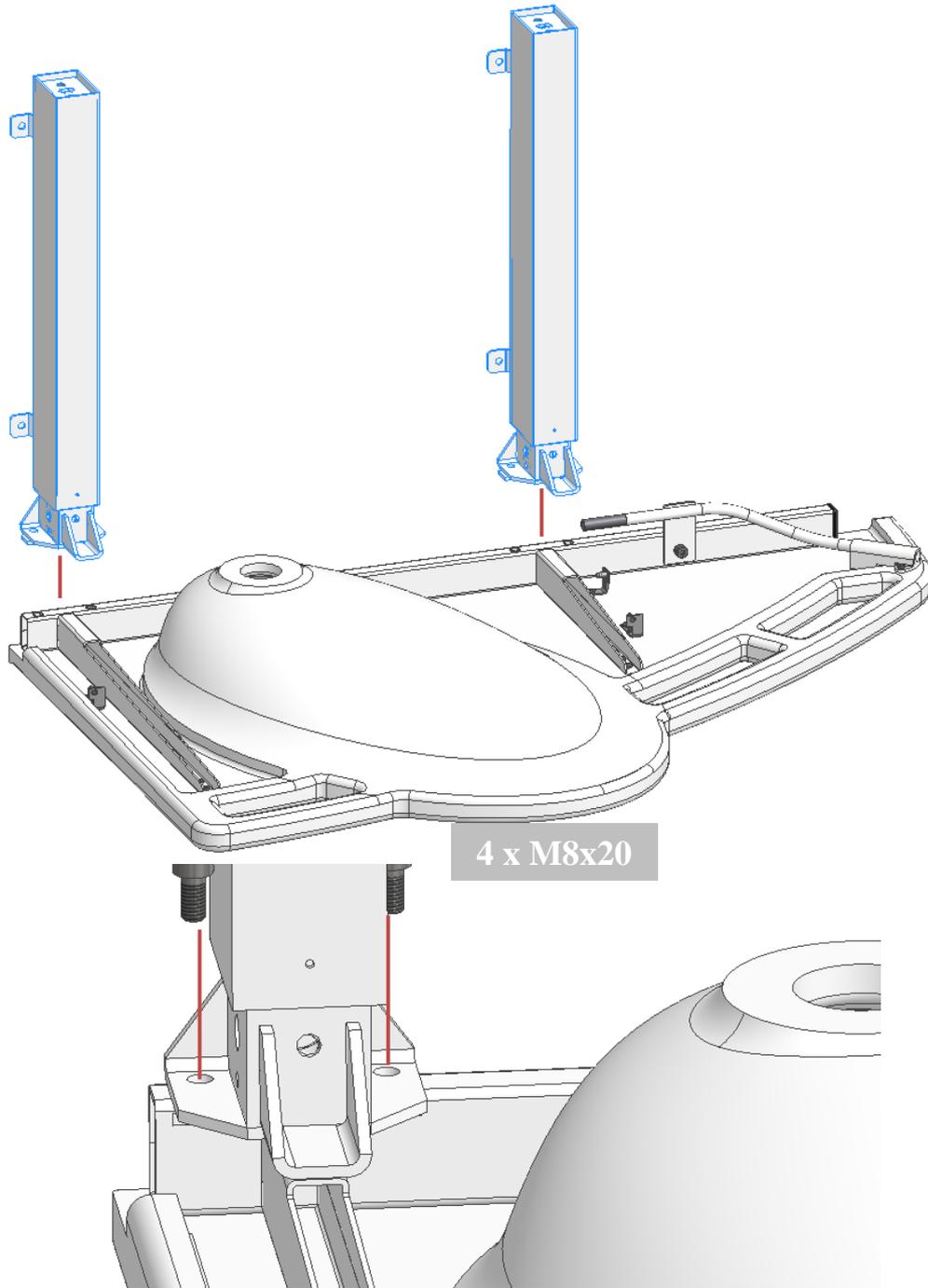


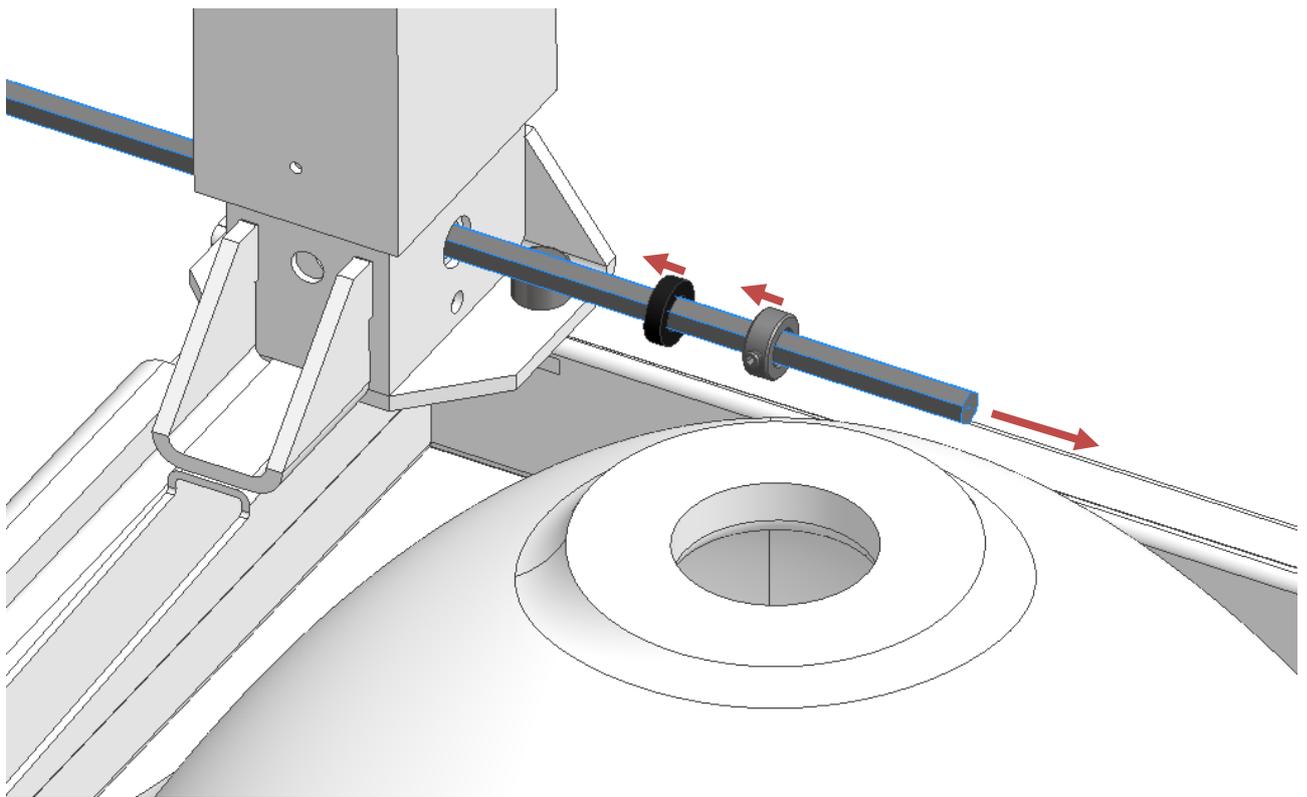
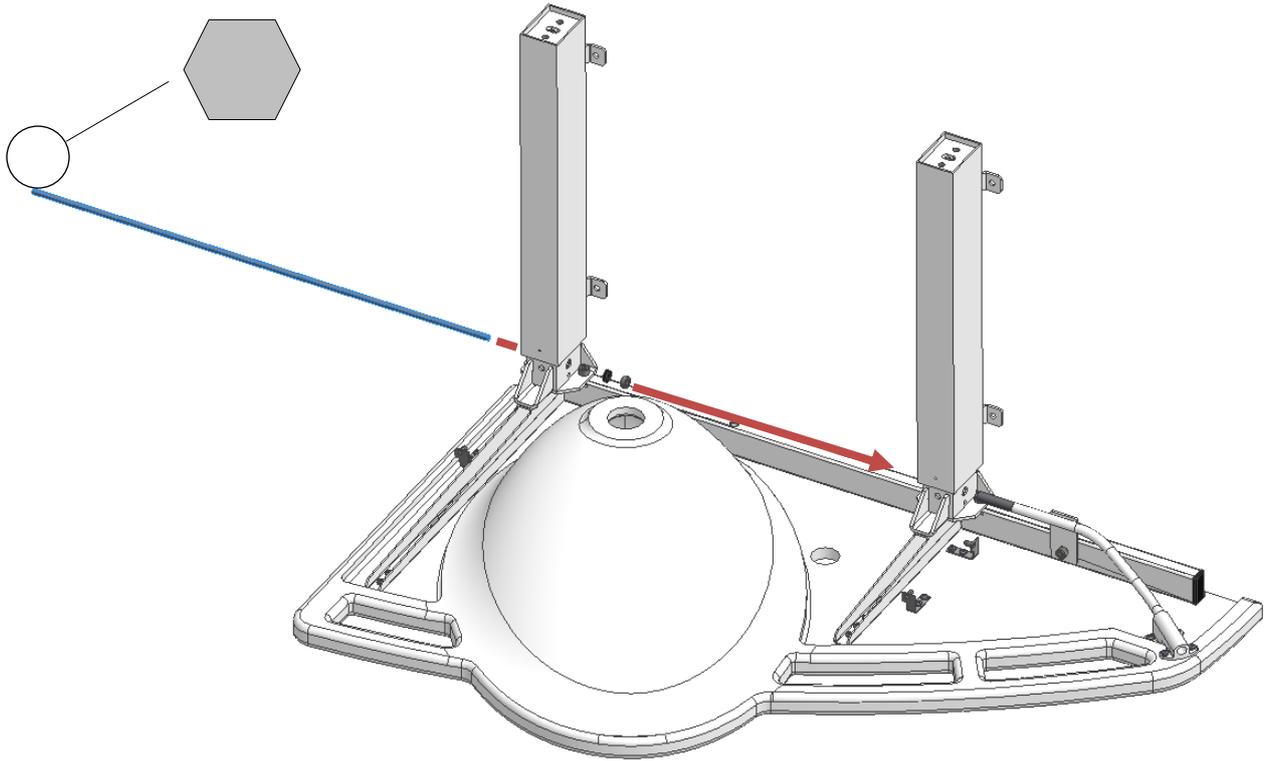


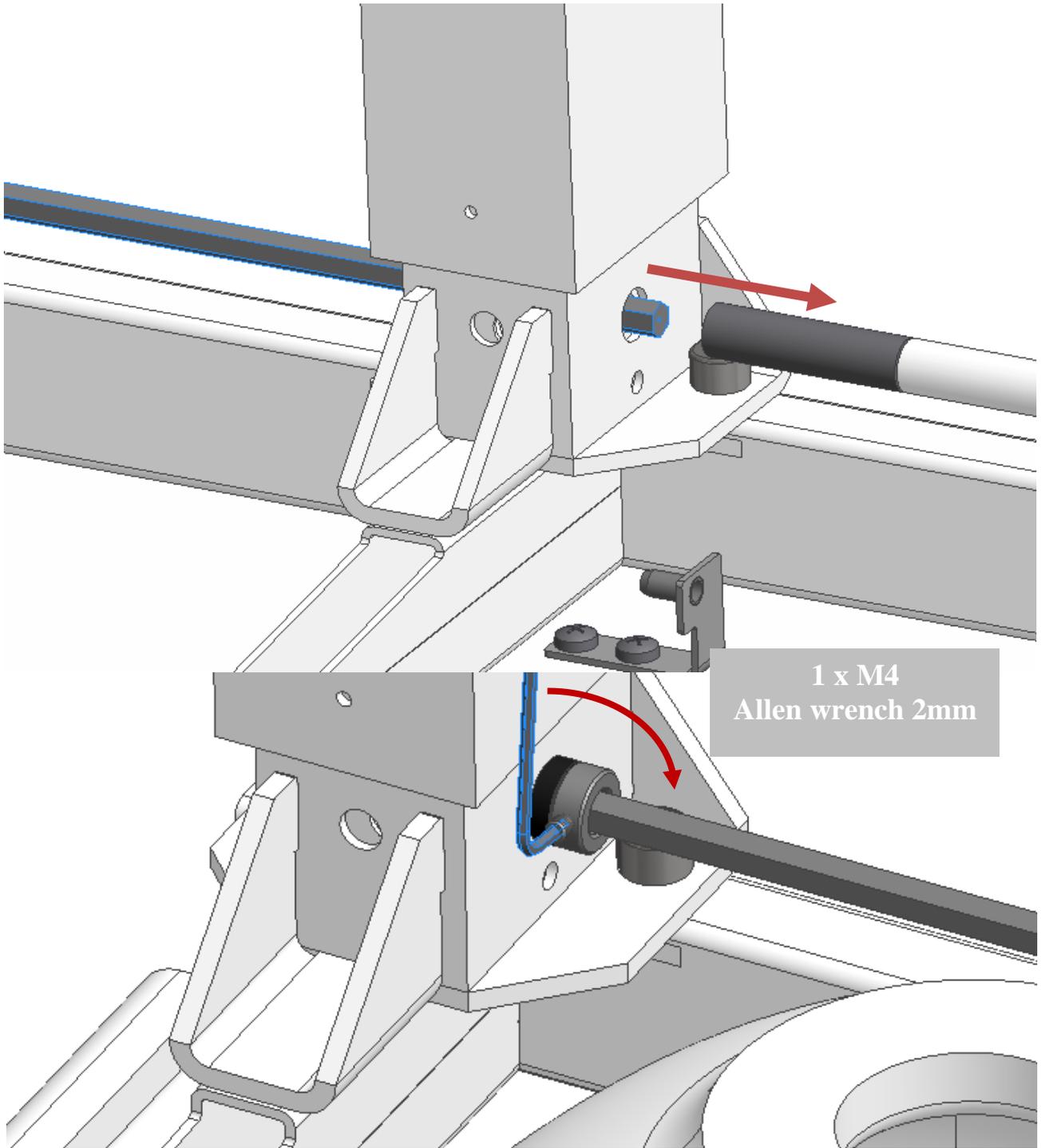


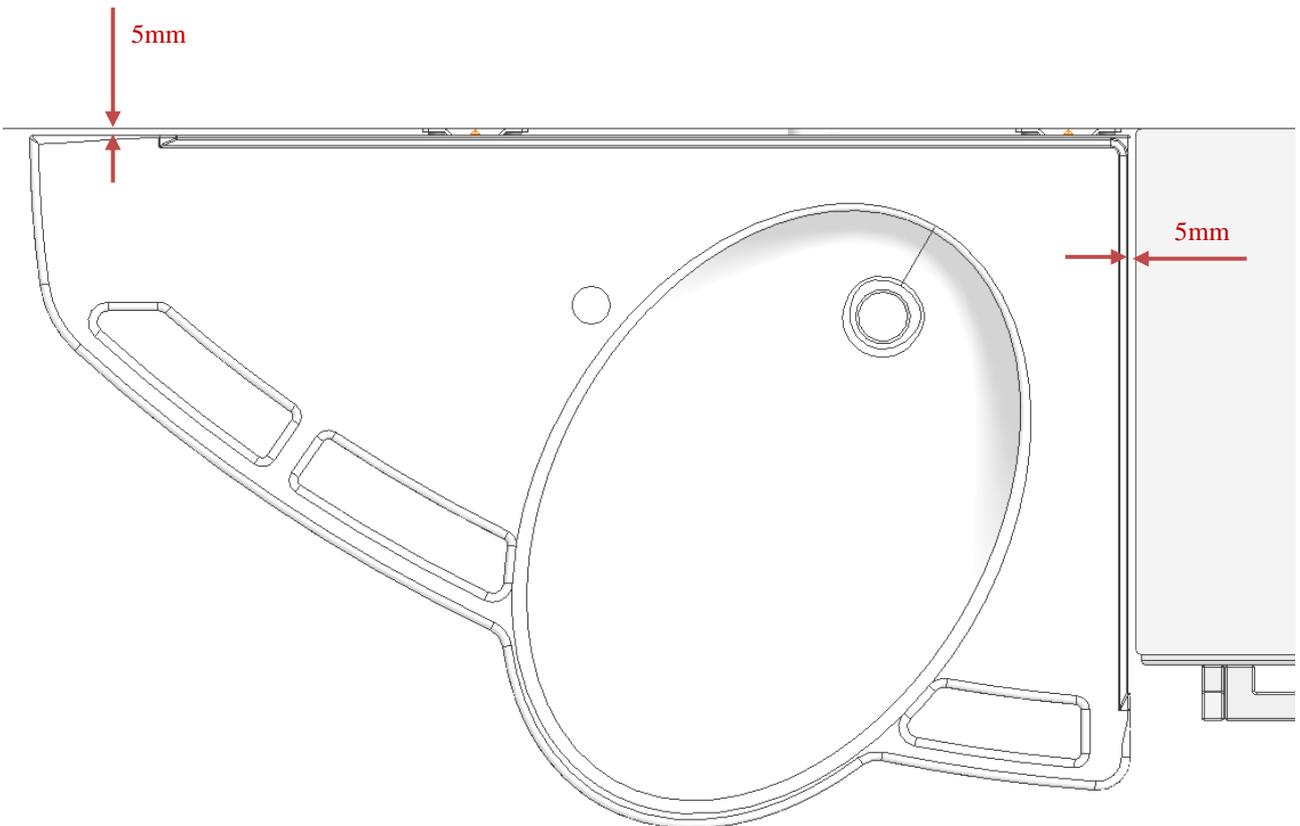
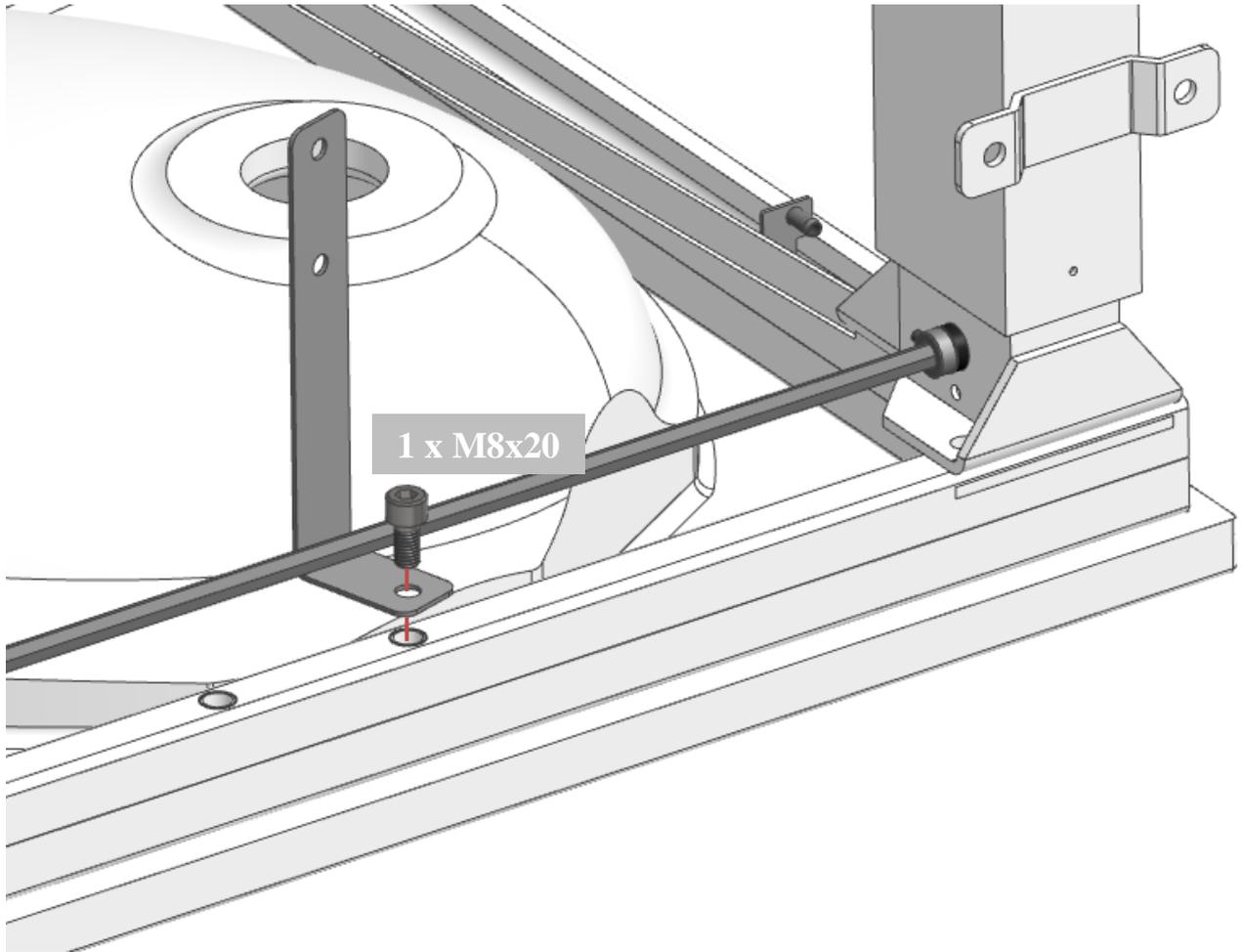


7.4 Support Washbasin with Manual frame (40-44004/05)

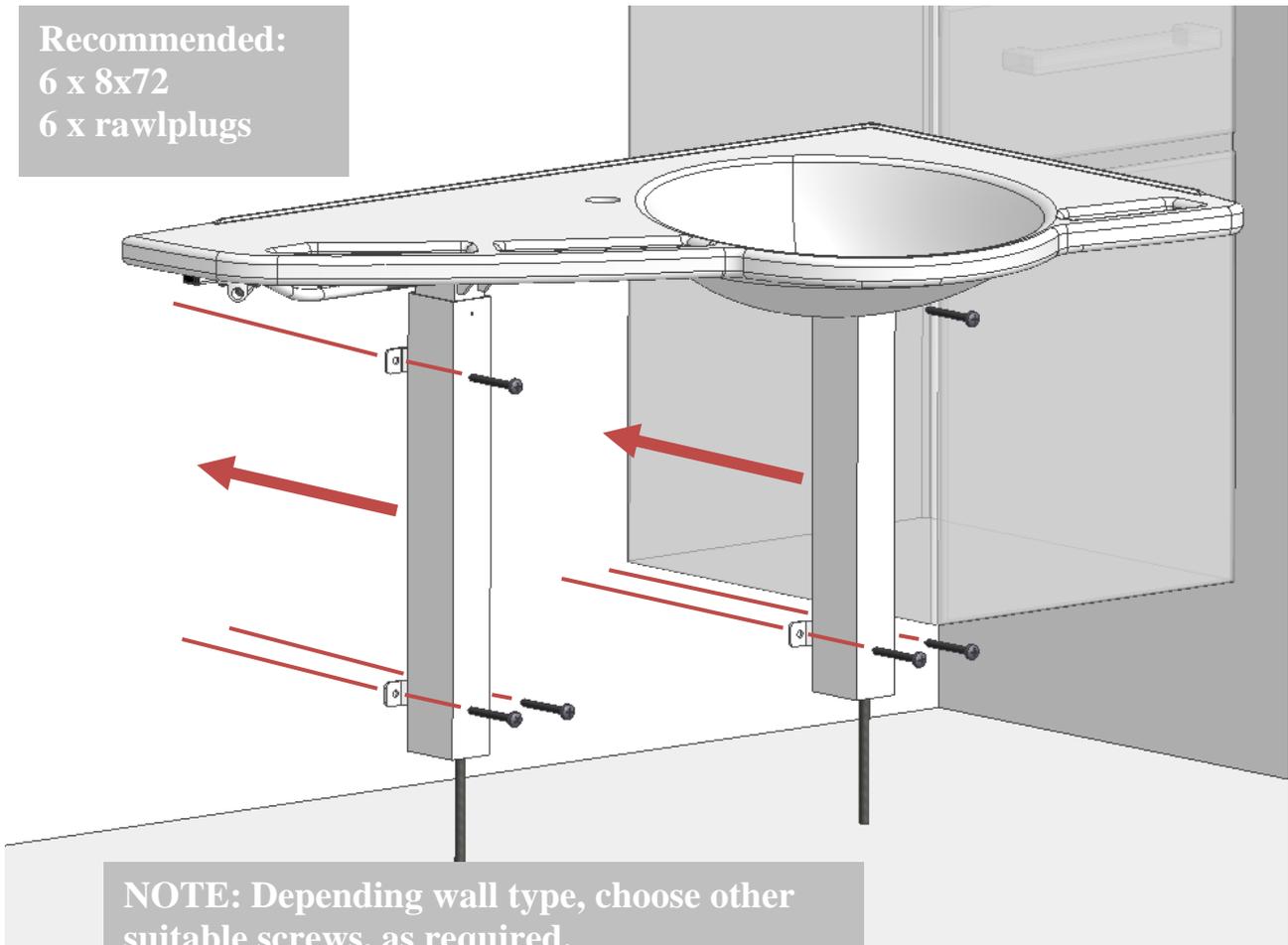




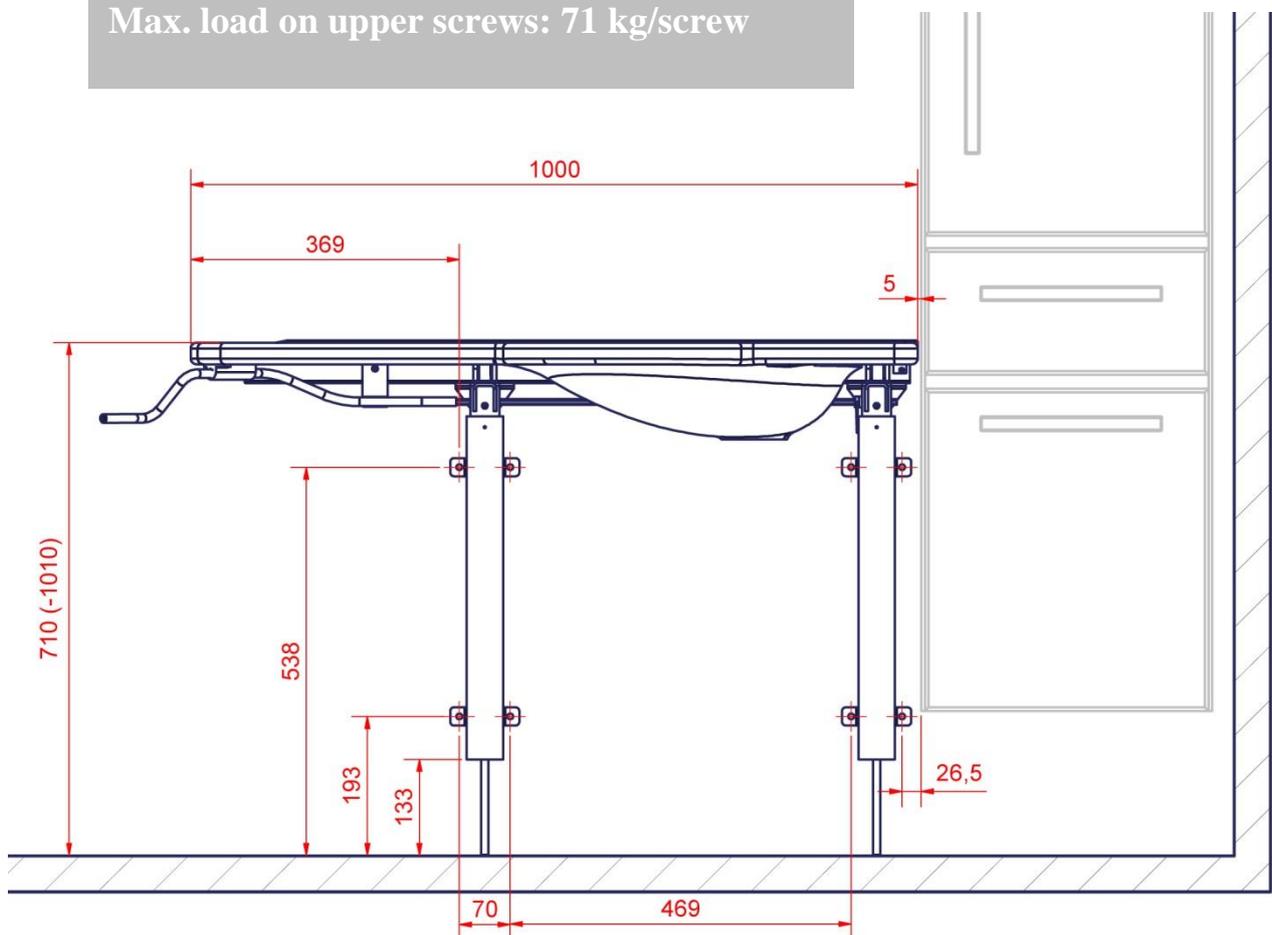


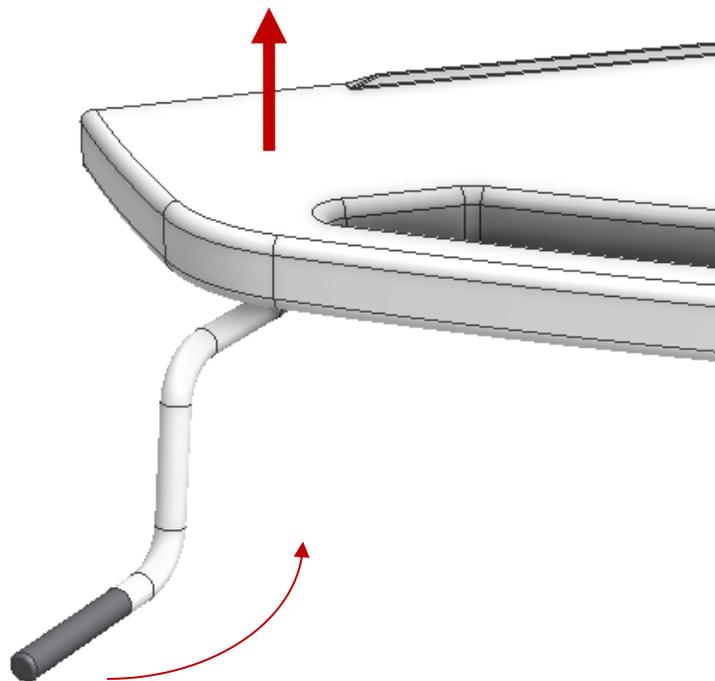
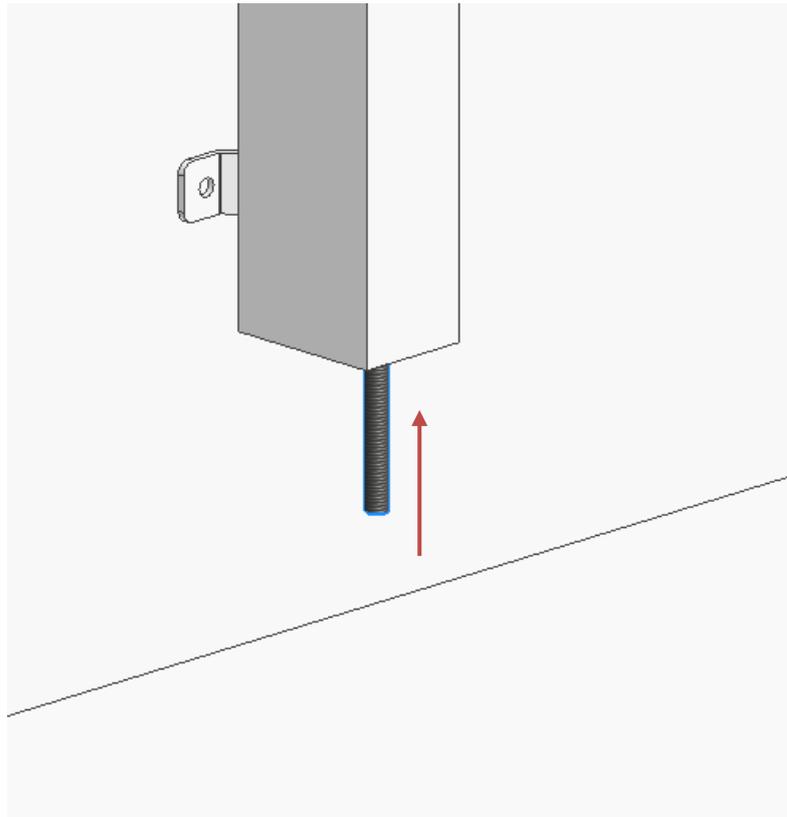


Recommended:
6 x 8x72
6 x rawlplugs

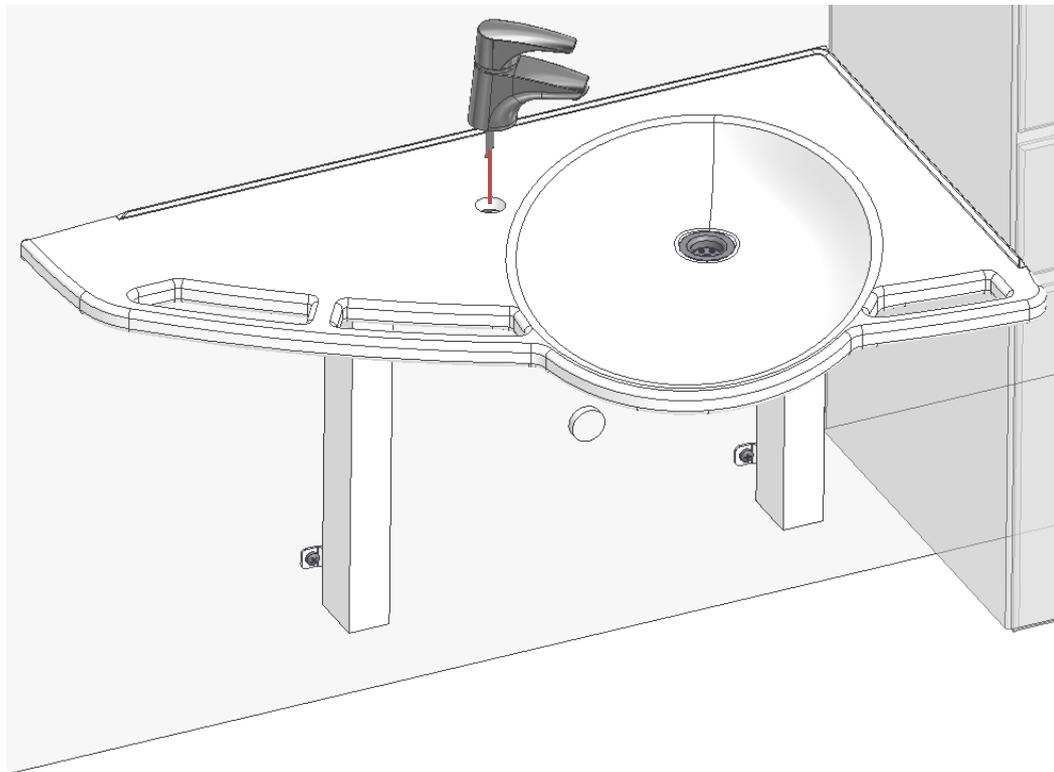
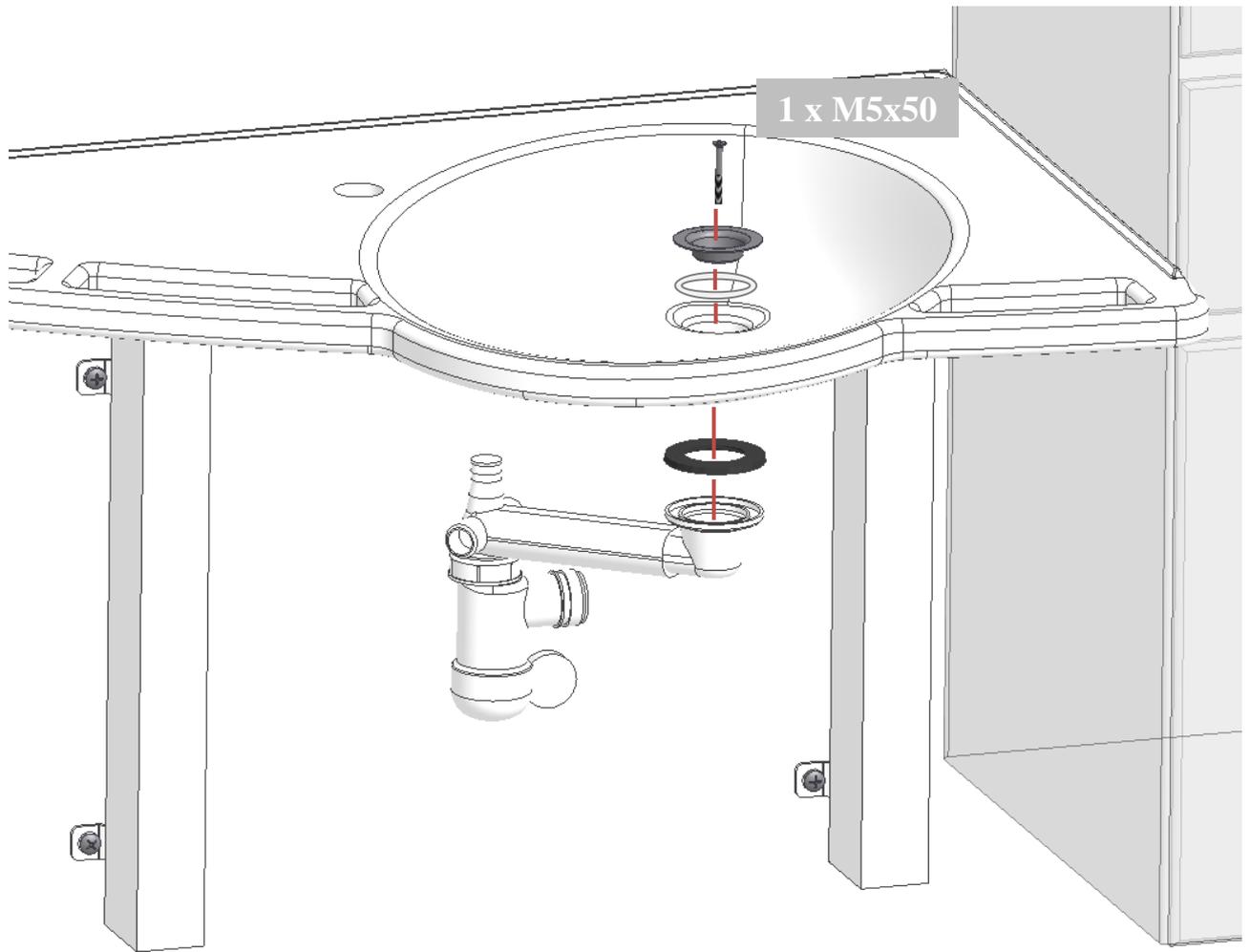


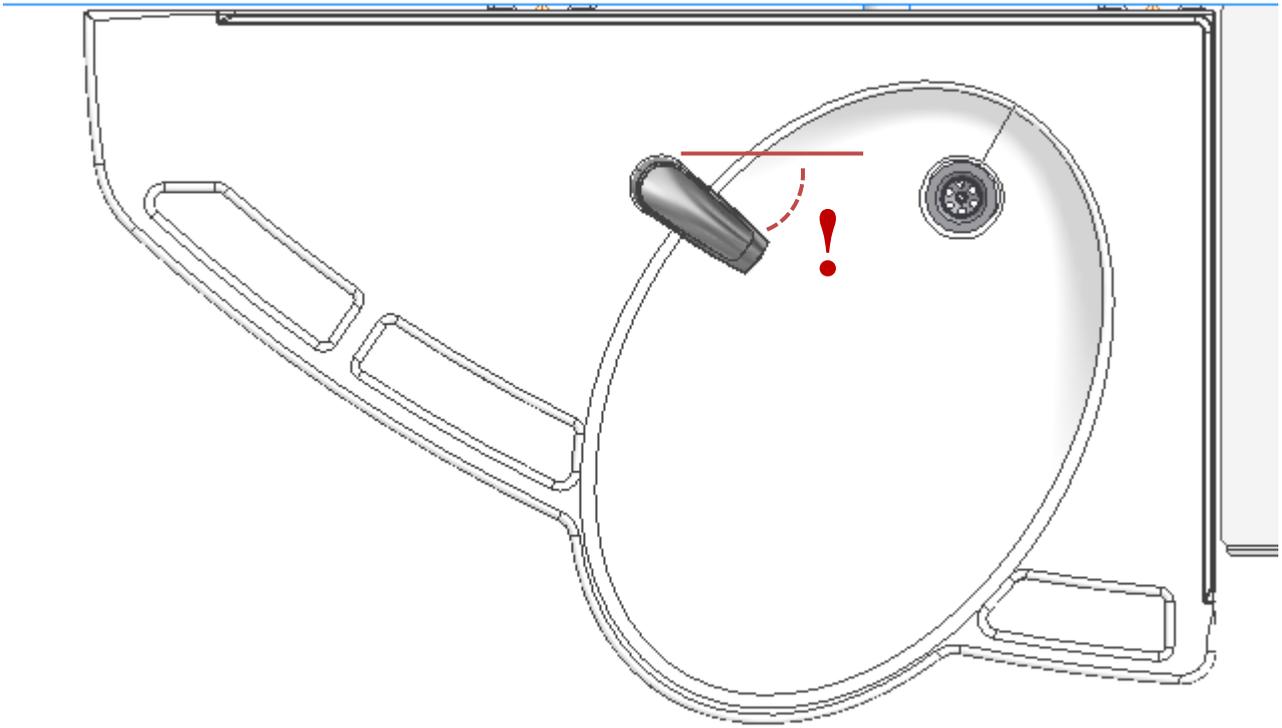
NOTE: Depending wall type, choose other suitable screws, as required.
Max. load on upper screws: 71 kg/screw



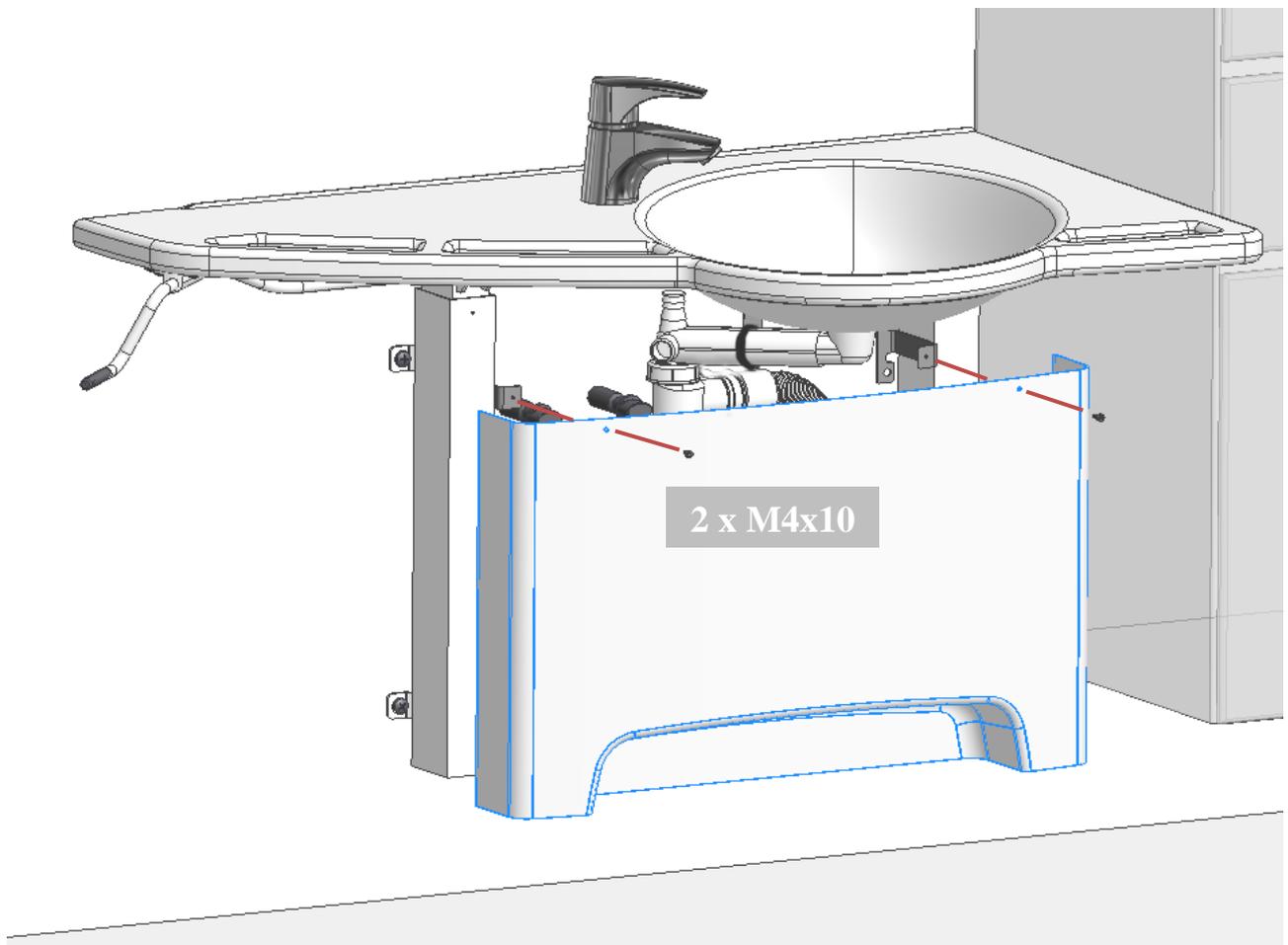
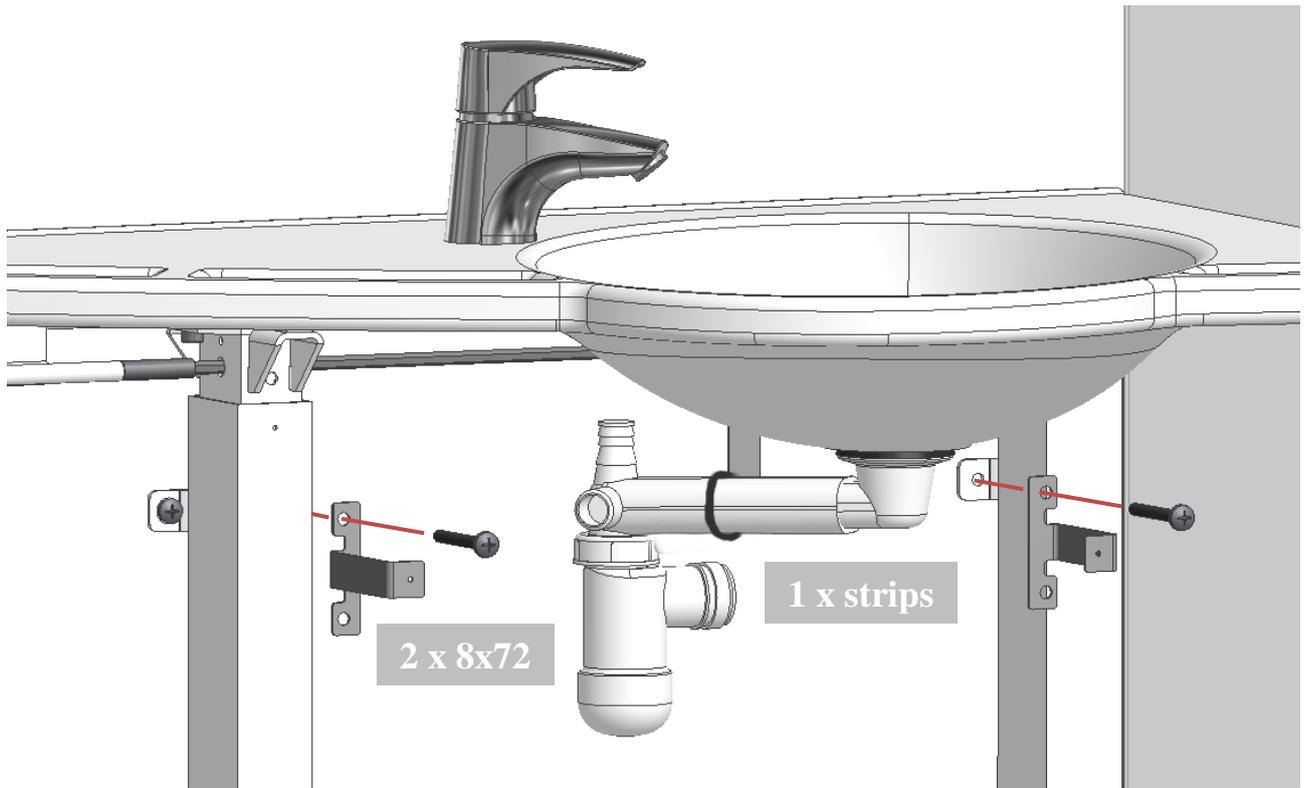


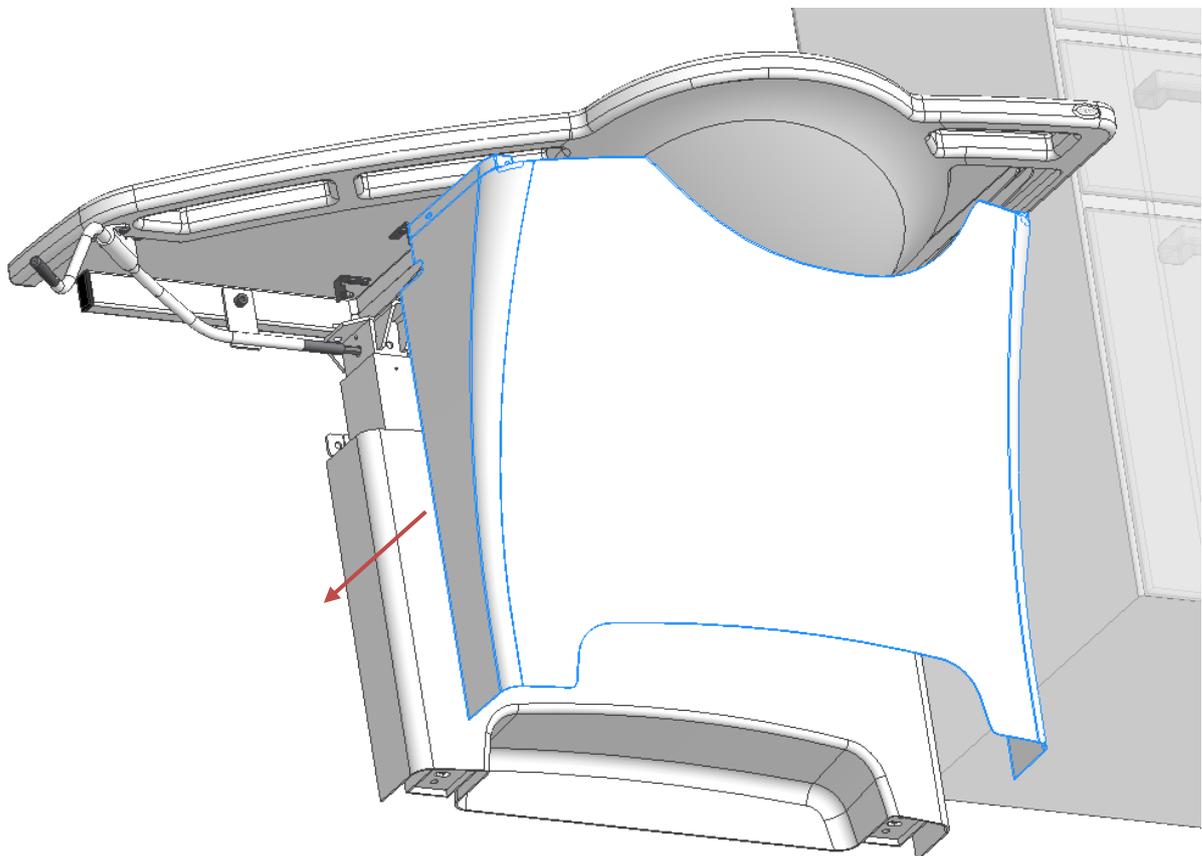
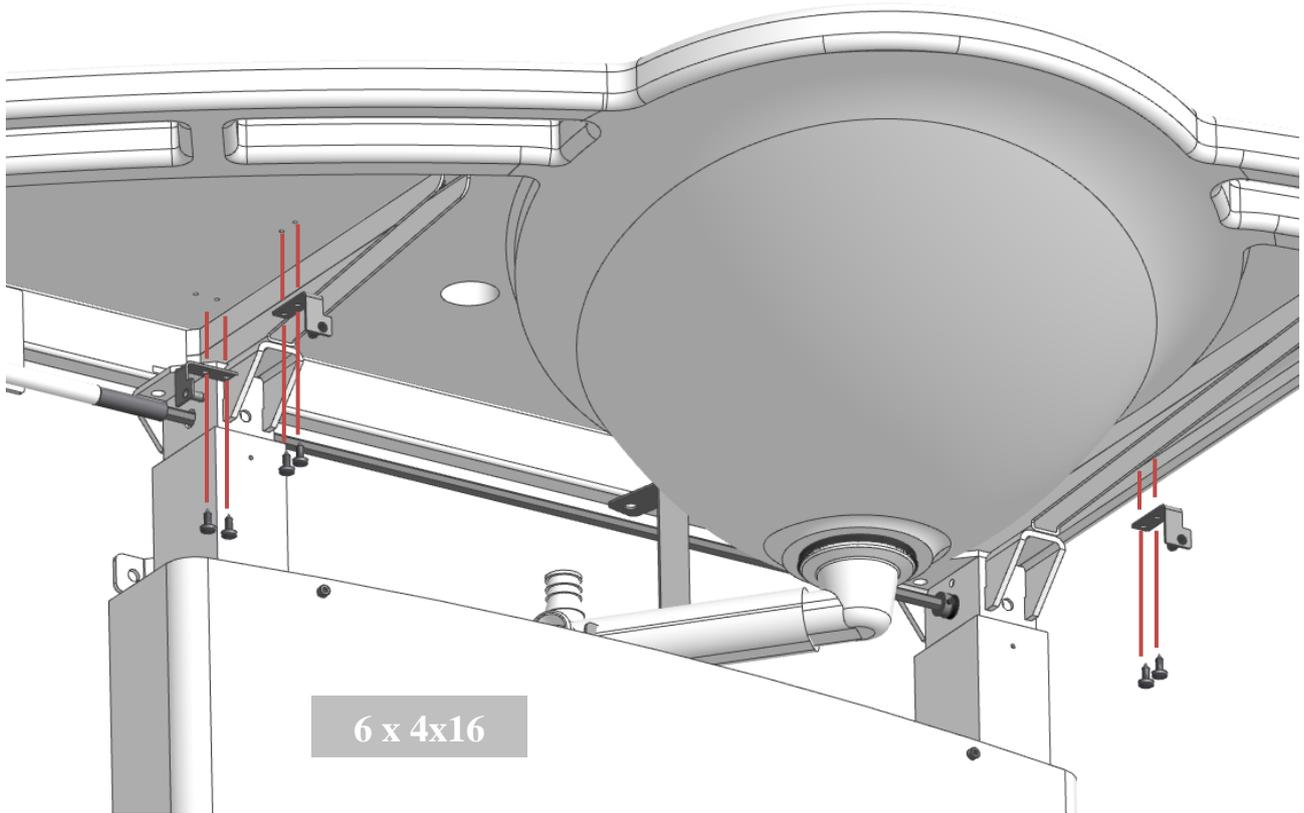
Tip: Move washbasin to top position to facilitate further mounting

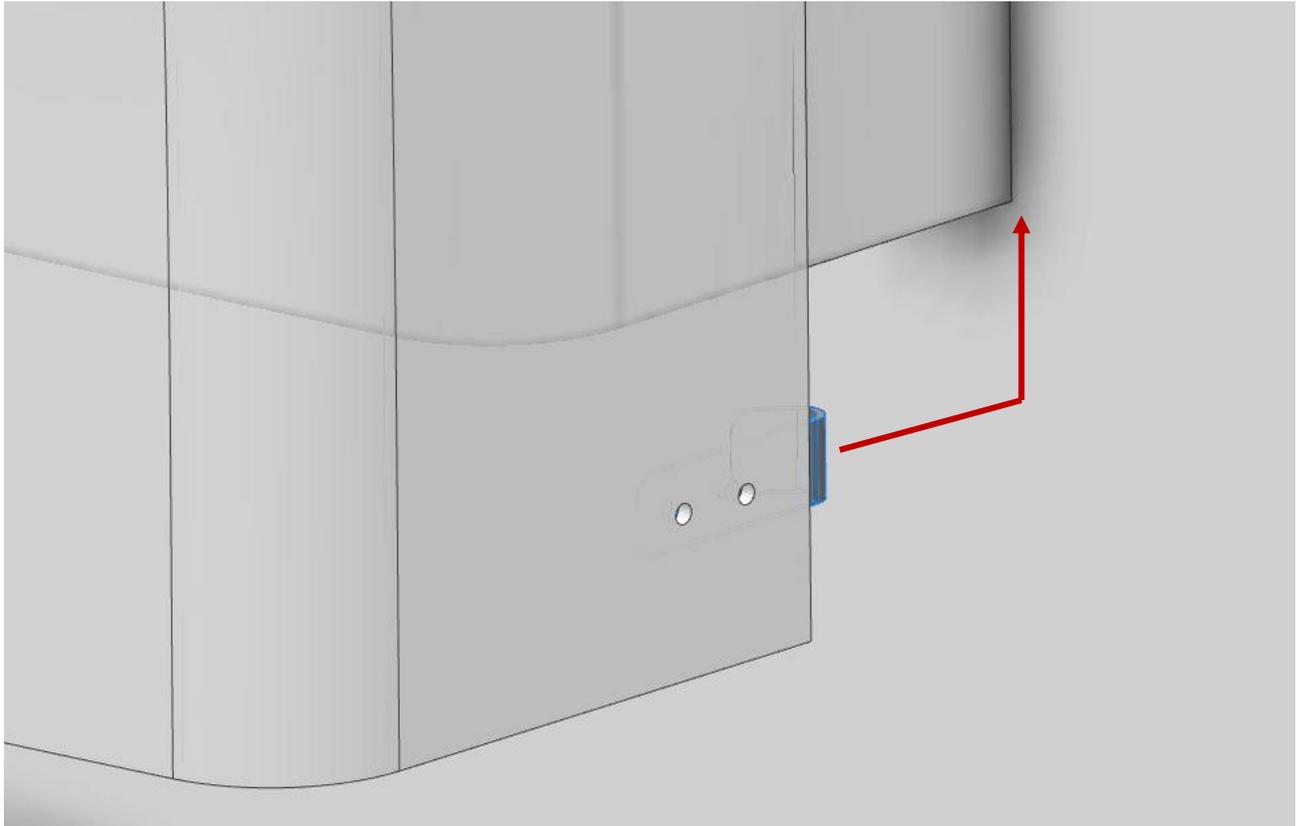


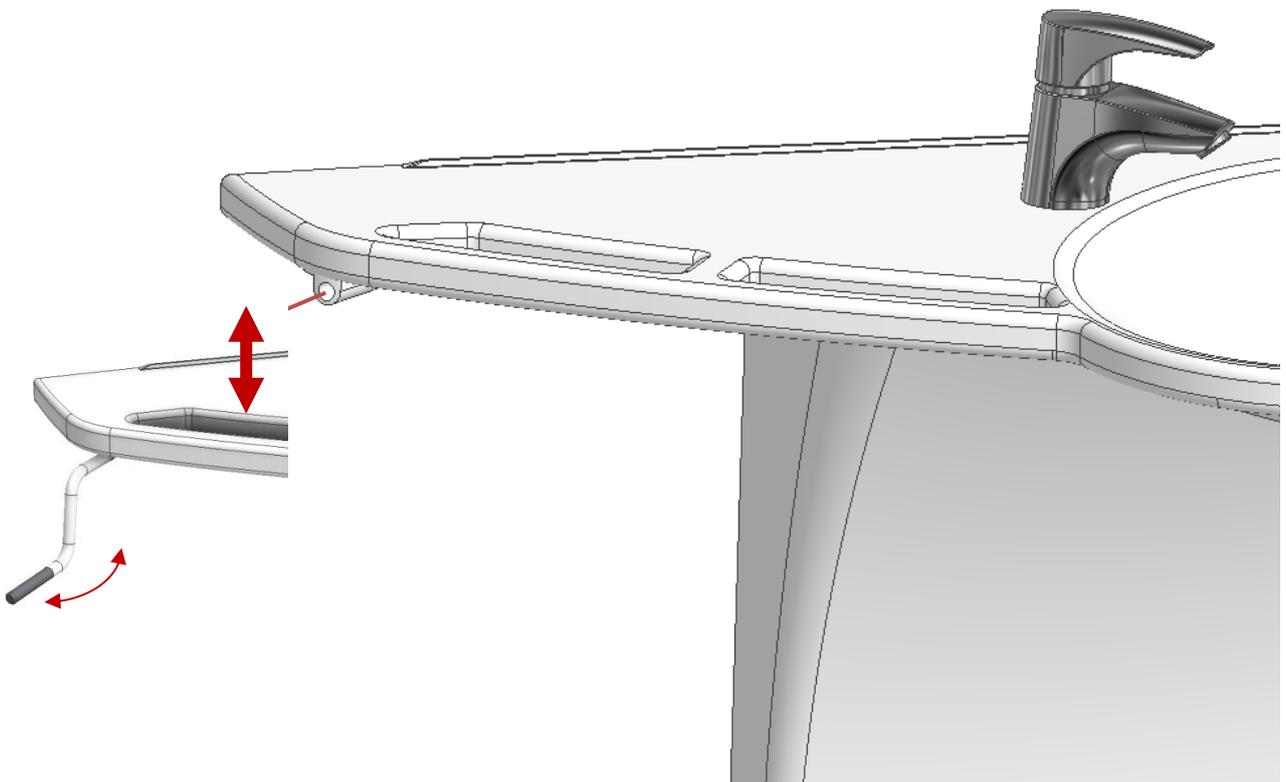
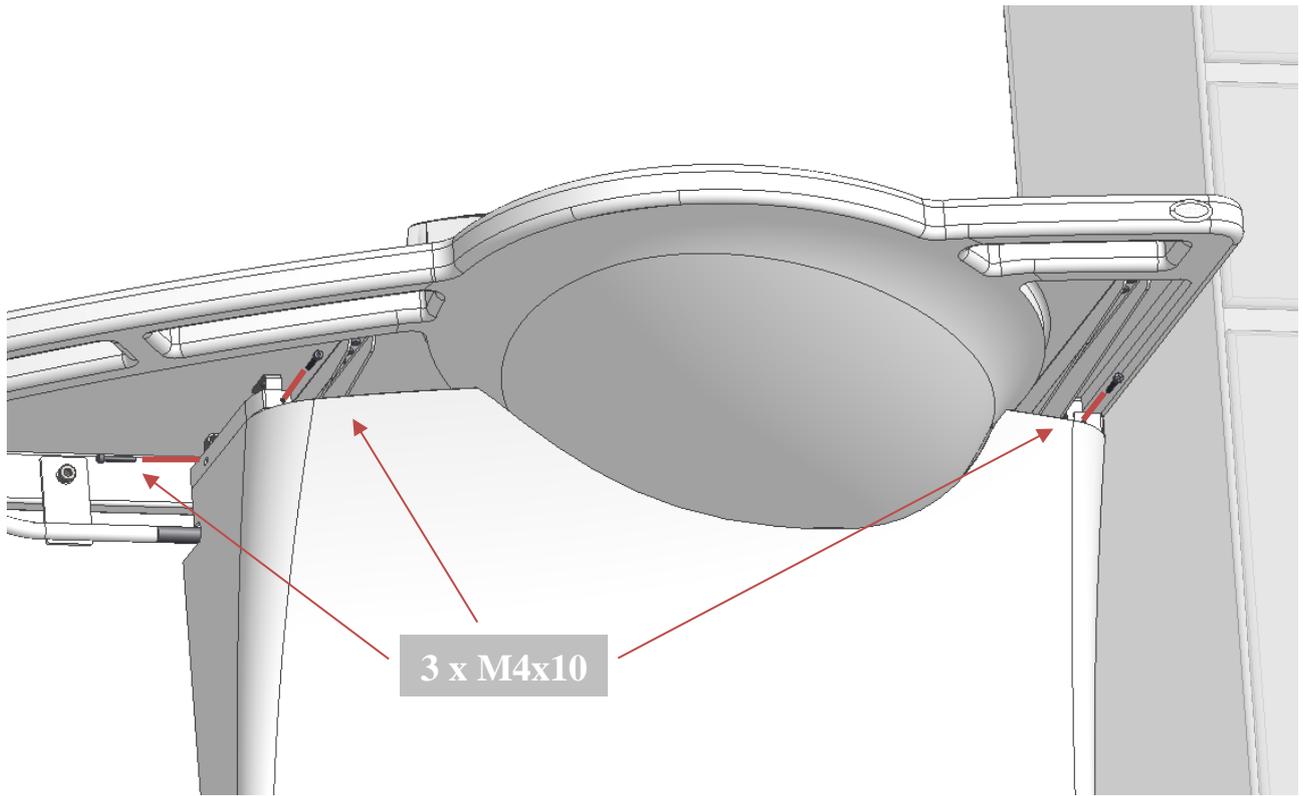


7.5 Mounting of covers for 40-44004/05









8. List of components

Ropox Support Washbasin, Fixed, left, 40-44000:

40*44010-064:	Top plate with washbasin, left-oriented	1 (one)	
Provided with:			
40*44010-063:	Fixed wall bracket, long	1 (one)	
40*44010-062:	Fixed wall bracket, short	1 (one)	
40*44010-048:	Frame Basic side bracket	1 (one)	
40-44021:	Cover	1 (one) set	

Ropox Support Washbasin, Fixed, right, 40-44001:

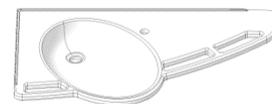
40*44010-070:	Top plate with washbasin, right-oriented	1 (one)	
Provided with:			
40*44010-063:	Fixed wall bracket, long	1 (one)	
40*44010-062:	Fixed wall bracket, short	1 (one)	
40*44010-048:	Frame Basic side bracket	1 (one)	
40-44022:	Cover	1 (one) set	

Ropox Support Washbasin, Basic height adjustment, left, 40-44002:

40*44010-064:	Top plate with washbasin, left-oriented	1 (one)	
<hr/>			
Incl.	Basic height-adjustment brackets	1 (one) set	
40*44010-025	Long bracket		
40*44010-026	Short bracket		
40*44010-020	Inside legs		
97800-022	Threaded plate		
97001631	Adjustable handles		
40*44010-048	Frame Basic side bracket		
<hr/>			
40-44021:	Cover	1 (one) set	

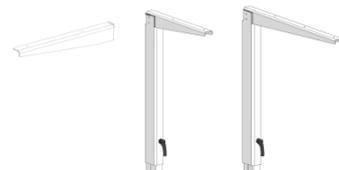
Ropox Support Washbasin, Basic height adjustment, right, 40-44003:

40*44010-070: Top plate with washbasin, right-oriented 1 (one)



Incl. Basic height-adjustment brackets 1 (one)

40*44010-025 Long bracket
40*44010-026 Short bracket
40*44010-020 Inside legs
97800-022 Threaded plate
97001631 Adjustable handles
40*44010-048 Frame Basic side bracket



40-44022: Cover 1 (one) set



Ropox Support Washbasin, Manual height adjustment, left, 40-44004:

40*44010-064: Top plate with washbasin, left oriented 1 (one)



Provided with:

Top frame, left oriented 1 (one)

Incl.
40*44010-042 Frame Manual support, left
40*44010-057 Hand crank assembly left



30-67600: Flexi legs, Manual Cover 2 (two) sets

Incl.
Distance blocks



40*44010-038: Hexagonal shaft 1 (one)



20*60320-548: Hand crank 1 (one)

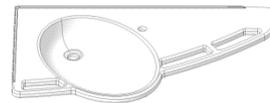


40-44027: Cover 1 (one) set



Ropox Support Washbasin, Manual height adjustment, right, 40-44015:

40*44010-070: Top plate with washbasin, right-oriented 1 (one)



Provided with:

Top frame, right-oriented

1 (one)



Incl.
40*44010-077
40*44010-082

Frame Manual support, right
Hand crank assembly, right

30-67600: Flexi legs, Manual Cover
Distance blocks

2 (two) sets



40*44010-038: Hexagonal shaft

1 (one)



20*60320-548: Hand crank

1 (one)



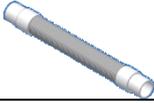
40-44028: Cover

1 (one) set



8.1 Common parts

40-44020 Water and drain kit

Incl. 97001601	Siphon	1 (one)	
97001162	Flexible drain hose ø32/32 pipe stub	1 (one)	
97001035	ø32x88.5° angle	1 (one)	
97001120	Connecting hose, 1/2" x 1/2", 100 cm:	2 (two)	
40*44010-098	Drain relief	1 (one)	
40-44040	Mixer tap, Oras Saga	1 (one)	

9. Performance test

After completed installation and before use, all functions of the Ropox Support Washbasin must be tested. After that, a performance test must be carried out at least once a year by competent personnel.

1. Check that the mounting instructions have been observed.
2. Check that all bolts and screws have been tightened.
3. Check that all drains and hoses have been correctly connected.
4. Ensure that there is no load on the frame.
5. Ensure that there are no objects preventing the frame from moving freely within the height adjustment range.

When these tests have been carried out successfully, Ropox Support Washbasin is ready for use. See Section 10 "Safety in use".

10. Safety in use

- Ropox Support Washbasin must only be adjusted in height by persons who have read and understood these instructions.
- Some models of Ropox Support Washbasin are height-adjustable and must not be used as a lifting table or person lifter.
- Always use the washbasin in a manner excluding the risk of damage to persons or property. The person operating the washbasin is responsible for avoiding damage or injury.
- If the washbasin is used in publicly accessible locations where children or persons with reduced observation capacity may get near it, the person operating the washbasin must pay attention to those present in order to prevent dangerous situations.
- Make sure that there is free space above and below the washbasin to allow height adjustment.
- Do not overload Ropox Support Washbasin and make sure that the load distribution is correct.
- Do not operate the washbasin in case of defects or damage.
- Modifications, which may influence the performance or design of Ropox Support Washbasin, are not allowed.
- Installation, service and repairs must be carried out by competent personnel.
- During inspection, service or repairs any load must be removed from Ropox Support Washbasin.

11. Service and maintenance

11.1 Cleaning

During use, the product may get dirty. It is very important to clean the product as described in these instructions.

Wipe Ropox Support Washbasin with a wrung cloth with lukewarm water and a mild detergent. Do not use enchanths, abrasives or grinding cloths, brushes and sponges.

11.2 Cleaning of tabletop and washbasin

Ropox Support Washbasin is made of a composite material of marble and plastic granulate with a gel coat surface. This gives a hard and very hardwearing finish, which is easy to clean. Wash the surfaces daily with water and dry with a cloth. Do not use detergents containing hard abrasives – e.g. steel wool, scouring powder or sulphuric acid.

If the water has high calcium content, calcareous deposits will often occur. These deposits should be removed at least once a week by using a detergent containing citric acid, acetic acid or phosphoric acid. Leave the detergent to work for 5 to 10 minutes depending on the thickness of the deposits and clean thoroughly with a soft scouring sponge.

Disinfection of the basin may be done with household spirits.

11.3 Inspection



Inspections, service and repairs must be carried out by competent personnel

The frame of Ropox Support Washbasin is maintenance-free. Moving parts have been lubricated for life. For reasons of safety and reliability, we recommend inspection of the frame once a year.

Annual inspection:

- Check that all bolts and screw have been securely tightened.
- Check that the frame moves freely and without problems from bottom to top position.
- Check that water hoses and drain hoses are tight and functional.

After each inspection, complete the service schedule. See Section 11.5.



Only use Ropox original spare parts for replacement. If other spare parts are used, the whole guarantee may become void.

11.4 Service schedule

Service and maintenance Serial No.
Date:
Signature:
Comments:

Service and maintenance Serial No.
Date:
Signature:
Comments:

Service and maintenance Serial No.
Date:
Signature:
Comments:

Service and maintenance Serial No.
Date:
Signature:
Comments:

12. Fault finding

a) The frame seems loose or unstable

1. The assembly screws of the frame have not been securely tightened.
2. Retighten all screws of the frame according to the mounting instructions.

b) The washbasin cannot be adjusted in height / adjustment is very difficult

1. Check that there are no jammed objects preventing adjustment.

c) It takes too long for the water to leave the washbasin

1. Check the siphon for clogging and clean it, if required.
2. Check that the flexible hose on the wall has not been positioned so high that it acts as an extra siphon. Cf. recommendation, Section 6.

13. List of spare parts

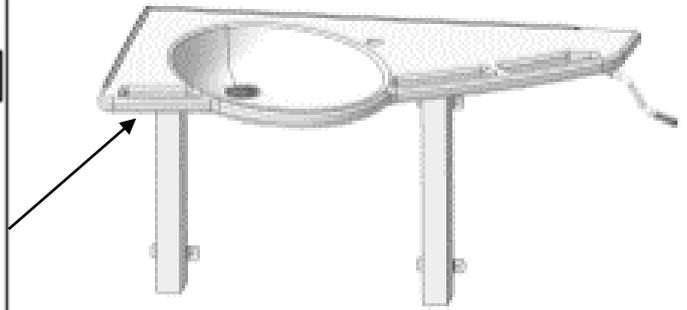
<p>Handle M6 Item No. 96000177 Applies to 40-44012/13 only</p>	
<p>Hand crank Item No. 20-60320-548 Applies to 40-44014/15 only</p>	

14. Optional extras

<p>Ropox overflow plug Item No. 40-40935</p>	
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15. Label

Each unit has a label of its own as illustrated. This label contains important information to be stated in connection with inquiries to the supplier. For positioning of the label, see drawing of spare parts.



	<p>This product is CE-marked in accordance with:</p> <p>European Medical Device Directive 93/42/EEC, including amendments incorporated in Directive 2007/47/EEC.</p> <p>European Medical Device Regulation (EU)2017/745</p> <p>Council Directive 2011/65/EU, RoHS</p>
	<p>Manufacturer name and address</p>
	<p>Date of production</p>
	<p>Stock number</p>
	<p>Serial number</p>
	<p>Consult manual before use</p>
	<p>Consult manual for important safety related information, warnings and safety precautions.</p>
	<p>Do not dispose as unsorted municipal waste. Product must be returned to a designated recycling station.</p>
	<p>Operating temperatures may not exceed 5-40C°</p>

16. Complaint

See General Terms of Sale and Delivery on www.ropox.dk



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