

## QuattroPlus Diagonal Joint Adapter



### Instruction Manual

ROTH **MOBELI®** Diagonal Joint Adapter

**REF** 1400557

as an accessory for QuattroPlus grab handles  
(order no. 14002 41S, 14002 42S, 14002 43S, 14002 44S)

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# 1. General

## 1.1 General information



Before using, be sure to carefully read these instructions for use and the instructions for use of the QuattroPlus grab handle (if not available, please request them!) and follow the safety instructions. Keep these instructions for future reference and pass them on to other users!

## 1.2 Explanations/symbols in this manual and on the handle

	Follow the instructions for use! (ISO 7010; M002)
	For persons with visual impairment, the font size for this on-line manual can be set accordingly at <a href="https://www.mobeli.de/download-bereich">https://www.mobeli.de/download-bereich</a> .
	Warning (indicates a dangerous situation)
	Manufacturer (additionally, year of manufacture on the handlebar)
<b>REF</b>	Order number
	Maximum user weight
<b>CE</b>	The mobile MOBELI grab handles are compliant with Regulation (EU) 2017/745
<b>MD</b>	The mobile MOBELI grab handles are Class I medical devices
<b>LOT</b>	Batch designation

## 1.3 Intended use and area of application



The diagonal joint adapters may only be used as accessories for QuattroPlus grab handles **14002 41S**, **14002 42S**, **14002 43S**, **14002 44S**. The diagonal joint adapters increase the flexibility of these grab handles for largely independent use of shower, bath tub, toilet, and washbasin. The grab handles can now also be mounted diagonally thanks to the quick-release diagonal joint adapters. This is particularly suitable for offset joint patterns or for offset angular attachment of the handlebar.



**Attention!** The grab handle must not be used as a seat. Any other use, e.g. as a seat, carrying handle or climbing aid, is not permitted.

## 1.4 Useful life

The expected useful life is six years (if used daily and in accordance with the intended purpose) in an institution or public facility. The prerequisite for this is compliance with the maintenance and safety regulations specified in these operating instructions. The actual service life may vary depending on the frequency and intensity of use. These handles have been tested according to ISO 17966:2016.

## 1.5 Reuse

The product is suitable for repeated use. How often the product can be used depends on the type of use. Clean and disinfect the product thoroughly before re-use and check the handle carefully.

# 2. Safety information



- Prior to each use of the QuattroPlus grab handle with the diagonal joint adapters, the instructions for the QuattroPlus grab handle must be followed.
- The maximum user weight of the QuattroPlus grab handles is reduced to 120 kg when using the diagonal joint adapter!
- The diagonal joint adapters may only be used in fully functional QuattroPlus grab handles.
- Damaged stickers must be replaced.

### 3. Operation / assembly

#### 3.1 Mounting / assembling

First, clip the telescopic bar out of the handle (see operating information for QuattroPlus grab handle).



1  
Push in the snap-lock pin of the telescopic handle and insert it into the diagonal joint adapter.



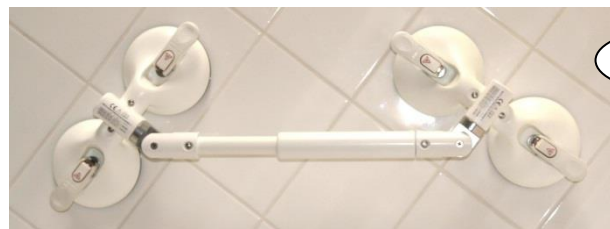
2  
Then push in the snap-lock pin of the diagonal joint adapter and slide it into the universal joint.



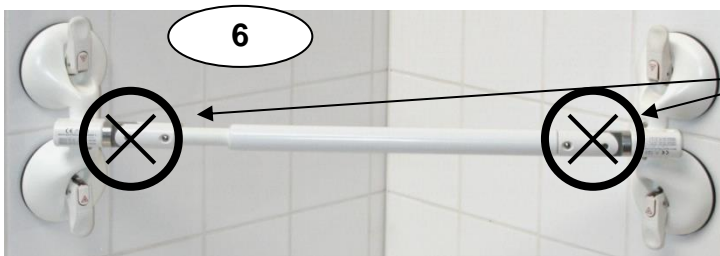
The QuattroPlus handle with the diagonal joint adapters may only be used when the snap-lock pins are firmly locked. Be sure to pull at the handle after assembly to check that it is securely held.

#### 3.2 Mounting examples for the QuattroPlus grab handle with diagonal joint adapter

Angular mounting in glass shower cubicle, bathtub, or at washbasin.



Offset tile joint pattern →



6  
**Attention! Danger of crushing!**  
Hold only in the area of the telescopic handle, never in the area of the diagonal joint adapter.



#### 3.3 Disassembly (fig. 7)

Press in the snap-lock pin of the diagonal joint adapter with the red push-in aid from the QuattroPlus handle and pull it out of the crosspieces on both sides.



## 4. Technical data

**4.1 Markings on the product** (for explanations of the symbols, see page 2)



It is essential to observe the marking on the handlebar and to ensure that the maximum user weight of the handlebars is reduced to 120 kg when using the diagonal joint adapter!

### 4.2 Dimensions and weights

The diagonal joint adapter pair weighs 250 grams together. The total length of the QuattroPlus handle is extended by 170 mm.

### 4.3 Materials

Steel parts made of stainless steel, aluminium parts made of seawater resistant material, plastic parts made of POM



## 5. Maintenance

### 5.1 Maintenance (cleaning/disinfection)



- The diagonal joint adapters are resistant to the active agents in the hand and surface disinfectants certified by the DGHM (Disinfection Commission of the German Society for Hygiene and Microbiology) with the exception of phenol ether, pyridine derivative, and thiocyanate.
- Clean them using standard household detergents such as soapy water. Make sure to thoroughly remove any soap or foam residue after use, e.g. after showering (otherwise rust can adhere to the stainless-steel parts).
- Do not use abrasive or aggressive cleaning agents, under no circumstances thinner or petrol.
- Do not use detergents that attack plastics.

### 5.2 Maintenance (service)

Check the diagonal joint adapter regularly for damage and do not use any damaged parts.

## 6. Malfunctions (See the instructions for use for the respective grab handles.)

## 7. Disposal

The product packaging should be recycled. The metal parts can be recycled as scrap metal. Disposal must be carried out according to the respective national statutory regulations. Please ask your local or communal authority about local disposal facilities.

**These ROTH mobile grab handles may not be exported to the U.S. (cf. U.S. version).**

**Subject to technical modification.**



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