



FEHLING SUPERFLEX soft tissue retractor, spatulated

MTI-0 SUPERFLEX soft tissue retractor, spatulated, 25 x 200 mm
(material thickness 0.13 mm)

MTK-1 SUPERFLEX soft tissue retractor, spatulated, 25 x 200 mm
(material thickness 0.25 mm)

MTK-2 SUPERFLEX soft tissue retractor, spatulated, 25 x 200 mm
(material thickness 0.34 mm)

MTK-3 SUPERFLEX soft tissue retractor, spatulated, 25 x 200 mm
(material thickness 0.45 mm)

MTK-4 SUPERFLEX soft tissue retractor, spatulated, 30 x 300 mm
(material thickness 0.17 mm)

MTK-5 SUPERFLEX soft tissue retractor, spatulated, 30 x 300 mm
(material thickness 0.22 mm)

MTK-6 SUPERFLEX soft tissue retractor, spatulated, 30 x 300 mm
(material thickness 0.34 mm)

Accessories

MTK-0 Sterilizing and storage tray for SUPERFLEX soft tissue retractor
Clamp or grasping forceps



This instrument resp. medical device is non-sterile when delivered. It is to be reprocessed before use. The instrument must undergo risk assessment according to the RKI Guidelines (non-critical, semi-critical, critical A/B/C).

Only trained medical personnel may use, reprocess or dispose of the SUPERFLEX soft tissue retractor!

The SUPERFLEX soft tissue retractor is only intended for re-use.

1) Intended purpose

Retractors and retractor components, which are used invasively and for short periods in surgery, serve to separate or hold back various tissue structures, such as skin, bone, muscles and organs.

Additional information regarding the intended purpose

Duration of application: the SUPERFLEX soft tissue retractor is intended for short-term use.

Field of application: retractors and retractor components are used for all patients where tissue has to be retracted for a short period of time (max. 24 hours) to improve visibility of the underlying tissue for the surgeon.

User profile: retractors and retractor components may only be used by medically trained personnel (e.g. specialist physicians).

Application environment: retractors and retractor components are only to be used in controlled environments (e.g. OR).

2) Indications

Surgical procedures that require the temporary spreading and holding of various tissue structures, such as skin, bones, muscles and organs, to reach the body structure requiring treatment. The choice of retractor and accessory components depends on the anatomical and physiological conditions as well as the field of application. Here care should be exercised to ensure that the retractors or retractor blades used are of the correct size and have adequate stability.

The SUPERFLEX soft tissue retractor in particular is intended for

- concentric spreading of soft tissue, for example in abdominal or cardiac surgery
- temporary retraction of soft tissue, e.g. for use in abdominal or cardiac surgery.



3) Contraindication

All applications that run counter to the physical and/or mechanical properties of the individual retractor model are contraindicated. There are no generally applicable contraindications for the use of retractors. Nevertheless, increased risks must be taken into account which could result from the anatomical and physiological conditions as well as the clinical picture of the patient.

4) Possible adverse effects

In medical literature, the following adverse effects are described that can possibly occur during the intended use of retractors:

- Infections
- Impaired wound healing
- Lesions of structures (tissues, nerves, vessels)
- Necroses

In particular, when using the SUPERFLEX soft tissue retractor as intended during or after performing minimally invasive techniques on the heart (method-specific complications) such as:

- postoperative atrial fibrillation
- postoperative cardiac arrhythmias
- tissue trauma

and in rare cases

- Infections
- strokes

have been observed.



Medical devices may, for example, contain chromium, nickel and/or titanium. The materials used are biocompatible, however they may cause allergic reactions or incompatibilities.

5) Before use

The FEHLING INSTRUMENTS SUPERFLEX soft tissue retractor is non-sterile when delivered and must be cleaned and sterilized by the user before initial use and every time before they are used thereafter (see 6) Reprocessing).



Perform a safety check before each use. Check for cracks, fractures or mechanical malfunctions and missing components (see 6) Reprocessing under "Maintenance, Checking and Testing").



The SUPERFLEX soft tissue retractor must be handled with care during storage, transportation and cleaning!

Avoid striking or applying pressure to the SUPERFLEX soft tissue retractor so as not to cause any consequential damage! Do not overstrain functional parts!



Use only sterilized products of sound quality!



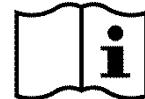
SUPERFLEX soft tissue retractors consist of an austenite nickel-titanium shape memory alloy. They can be flexibly deformed at room temperature and (instantly) regain their initial shape after removal of the deforming force.

When deforming the retractor during use, do not bend and do not go below the permissible minimum diameter of 30 mm. Bending the retractor too sharply can result in permanent deformation or irreparable kinks in the material that compromise the retractor's function.



6) Reprocessing

	The medical device is to be reprocessed before use. It must undergo risk assessment according to the RKI Guidelines (non-critical, semi-critical, critical A/B/C) before reprocessing.
	The national legal regulations, national and international standards and guidelines as well as the company's own hygiene regulations for reprocessing are to be complied with.
	The applicable national regulations must be followed for the reprocessing of instruments used in patients with Creutzfeldt-Jakob disease (CJD), suspected CJD or possible variants.
	The instruments may only be used, reprocessed and disposed of by qualified medical personnel.
	Handle instruments with care during storage, transport and cleaning! Avoid striking and applying pressure to instruments, so as not to cause any consequential damage! Do not overstrain functional parts!
	Do not clean titanium or titanium-containing instruments with oxidative processes (processes using hydrogen peroxide H ₂ O ₂ , e.g. Orthovario or Oxivario from Miele). By dissolving titanium, the application of these procedures leads to the destruction of titanium or titanium-containing instruments.
Limitations on reprocessing	Frequent reprocessing has little impact on these instruments. The end of product life is normally determined by wear and tear and damage occurring through use (e.g. damage, illegible marking, functional failure - also see "Maintenance, Checking and Testing").
General information on reprocessing	<p>Reprocessing is based on a validated procedure. All the cleaning steps mentioned (manual pre-cleaning, automated/manual cleaning, manual disinfection, and sterilization) were validated with the respective parameters specified in each case and listed under "Validated procedure". The recommended reprocessing agents (detergent: Neodisher® MediClean forte (Dr. Weigert); disinfectant: Korsolex® med AF (Bode Chemie GmbH)) were used for validation. Both water of potable water quality and fully deionized water (deionized water, demineralized, microbiologically at least of potable water quality) are used for cleaning.</p> <p>Automated reprocessing is preferable to manual cleaning due to a better and safer cleaning result.</p> <p>There is also the option of cleaning our instruments with other tested and approved chemicals which have been recommended by the chemical manufacturer with regard to their material compatibility. Please always observe the manufacturer's information on concentration, exposure time, temperature and renewal of the detergents and disinfectants. All instructions for use of the chemical manufacturer must be strictly observed. Otherwise, this can lead to visual material changes or material damage, such as, for example, corrosion, fractures or premature aging.</p>
Initial treatment at the place of use	<p>Pre-cleaning: ensure that blood, tissue and drug residues are removed from the instruments with a disposable cloth/paper wipe immediately after completion of the procedure and that they undergo mechanical cleaning immediately. After completion of initial treatment of the instruments, visual inspections must be performed to ensure that the instruments are complete.</p> <p>The instruments must be transported from the place of use to the place of reprocessing such that neither the user, third parties, the environment nor the medical devices are endangered or damaged (placement in closed, puncture-proof containers and - if necessary - use of protective caps).</p>



Preparation before cleaning	<p>It is recommended to reprocess the instruments immediately after use because it is very difficult to remove dried residues from instrument parts that are difficult to access. Do not immerse in normal saline solutions (risk of pitting or stress corrosion).</p> <p>Instruments which were connected to each other during use must be disassembled back into their original condition before cleaning.</p>								
Disassembly	See 10) Disassembly								
Manual pre-cleaning	<p><u>Validated procedure:</u></p> <table> <tr> <td>Equipment:</td> <td>Basin</td> </tr> <tr> <td></td> <td>Soft brush</td> </tr> <tr> <td></td> <td>Water spray gun (or similar)</td> </tr> <tr> <td>Detergent:</td> <td>Neodisher® MediClean forte (Dr. Weigert)</td> </tr> </table> <p><u>Procedure/Parameters:</u></p> <ul style="list-style-type: none"> • Rinse instruments, if possible in disassembled condition, under running cold water of potable water quality (<40 °C) until all visible contamination has been removed. Remove stubborn contamination with a soft brush (not a wire brush!). • Cavities, crevices, slits and lumens must be rinsed intensively (>10 seconds) with cold water (potable water quality, <40 °C) using a water spray gun (or similar). • Place the products for 10 - 30 minutes in a solution with 0.5 - 2 % Neodisher® MediClean forte with water (potable water quality, <40 °C). • Use only an approved solution of a detergent that has no protein-fixing effect. Follow the instructions of the detergent and disinfectant manufacturer. • Ensure that all areas of the instrument come into contact with the solution. • If necessary, the moving parts of the instrument are moved back and forth in the cleaning bath. • Remove coarse contamination using a suitable brush (not a wire brush!) during the exposure time. • Rinse the instruments for one minute in cold deionized water (see "General Information on Reprocessing") and, if applicable, move movable parts back and forth. 	Equipment:	Basin		Soft brush		Water spray gun (or similar)	Detergent:	Neodisher® MediClean forte (Dr. Weigert)
Equipment:	Basin								
	Soft brush								
	Water spray gun (or similar)								
Detergent:	Neodisher® MediClean forte (Dr. Weigert)								
Cleaning/Disinfection	If possible, a washer/disinfector according to DIN EN ISO 15883, which uses thermal disinfection, is to be preferred.								
Cleaning: Automated	<p>Avoid overfilling instrument trays and washing trays - use only suitable instrument holders.</p> <p>When placing instruments in the sterilization baskets and removing them afterwards, take special precautions to ensure that the tips do not become stuck in the mesh.</p> <p><u>Validated procedure:</u></p> <table> <tr> <td>Equipment:</td> <td>Washer/Disinfector G 7835 CD (Miele) / PG 8535 (Miele)</td> </tr> <tr> <td>Cleaning program:</td> <td>Des-Var-TD (G 7835 CD)</td> </tr> <tr> <td>Detergent:</td> <td>Neodisher® MediClean forte (Dr. Weigert)</td> </tr> </table>	Equipment:	Washer/Disinfector G 7835 CD (Miele) / PG 8535 (Miele)	Cleaning program:	Des-Var-TD (G 7835 CD)	Detergent:	Neodisher® MediClean forte (Dr. Weigert)		
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	<p><u>Preparation:</u></p> <ul style="list-style-type: none"> • Instruments with joints are to be placed in the device such, that the joints are opened or disassembled if possible, and that the water can flow from the cavities and sac holes. • If applicable, loosen springs • Ensure that the inside of all cavities is also completely rinsed. • Ensure that no areas are left unwashed. • Connect the Luer connectors of the instruments, if present, to the Luer lock rinsing attachment of the WD. <p><u>Procedure/Parameters:</u></p> <ul style="list-style-type: none"> • Pre-wash for 3 minutes with cold water (potable water quality, <40 °C) • Emptying • Clean for 10 minutes with a solution of 0.5 - 2 % Neodisher® MediClean forte in water (potable water quality) at 55 °C • Emptying • Rinse for 2 minutes with water (potable water quality, <40 °C) • Emptying • Rinse for 1 minute with cold deionized water (<30 °C) • Emptying • Thermodisinfection for 5 minutes with deionized water (>90 °C) • Dry for 30 minutes (90 °C) <p>After cleaning in the machine, inspect cavities, blind holes, etc. for visible contamination. If necessary, repeat the cycle or clean manually.</p>
<p>Cleaning: Manually</p>	<p><u>Validated procedure:</u></p> <p>Equipment:</p> <ul style="list-style-type: none"> Basin Soft brush Water spray gun (or similar) Bandelin Sonorex Digitec <p>Detergent:</p> <ul style="list-style-type: none"> Neodisher® MediClean forte (Dr. Weigert) <p><u>Procedure/Parameters:</u></p> <ul style="list-style-type: none"> • Place instruments, if possible in disassembled condition, in cold water (potable water quality, <40 °C) for 10 minutes. • Move any movable parts, if present, back and forth over the entire range of movement. • Use a soft brush (not a wire brush) to clean the instruments until no more contamination is visible. • Rinse the instruments for at least 20 seconds using a water spray gun (or similar). <p><u>Ultrasonic cleaning:</u></p> <ul style="list-style-type: none"> • Clean for 10 minutes at <40 °C with 0.5 - 2 % cleaning solution at 35 kHz • After ultrasonic cleaning, rinse the instruments for at least 20 seconds using a water spray gun (or similar). • Rinse the instruments for at least 10 seconds with water (potable water quality, <40 °C). • Deionized water (<40 °C) is to be used for the final rinse. The instruments are rinsed for at least 30 seconds with deionized water. Ensure that no residues remain on the products.



Disinfection: Manually	<p>Consult the instructions on the label when selecting a disinfectant (see chemical manufacturer information).</p> <p><u>Validated procedure:</u></p> <table> <tr> <td>Equipment:</td><td>Basin</td></tr> <tr><td></td><td>Bandelin Sonorex Digitec</td></tr> <tr> <td>Detergent:</td><td>Korsolex® med AF (Bode Chemie GmbH)</td></tr> </table> <p><u>Procedure/Parameters:</u></p> <ul style="list-style-type: none"> After cleaning, place the products in an ultrasonic bath (35 kHz, <40 °C) with a suitable disinfectant solution (e.g. 0.5 % Korsolex® med AF) for 5 minutes. Ensure that all surfaces are wetted with the disinfectant. If applicable, move the moving parts in the disinfection bath before switching on the ultrasonic cleaner. After disinfection, rinse all products thoroughly with deionized water (<40 °C) for at least 1 minute to remove the disinfectant and, if applicable, move the moveable parts of the instrument back and forth. Ensure that no residues remain on the products. Dry with sterile, oil-free compressed air. 	Equipment:	Basin		Bandelin Sonorex Digitec	Detergent:	Korsolex® med AF (Bode Chemie GmbH)
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	Bandelin Sonorex Digitec						
Detergent:	Korsolex® med AF (Bode Chemie GmbH)						
Drying	If drying is to be achieved as part of the cleaning/disinfection cycle, do not exceed 120 °C. Then dry with suitable compressed air in accordance with Robert Koch Institute (RKI) recommendations. Pay particular attention to the drying of difficult-to-access areas.						
Assembly	See 9) Assembly						
Maintenance, checking and testing	<p>For instruments with movable components that are exposed to friction (e.g. joints), an instrument oil based on paraffin/white oil (according to the valid European or United States Pharmacopoeias) which is biocompatible, steam sterilizable and steam-permeable is to be applied. Such places are additionally marked by a corresponding symbol of an oil can. Instruments must not be treated with care products containing silicone. These can lead to stiffness and question the effect of steam sterilization.</p> <p>Perform a safety check of the instruments before each use. When doing so, check for sharp edges, cracks, fractures and mechanical malfunctions and missing components.</p> <p>Check instruments with movable parts for smooth operation (avoid excessive play). Check locking mechanisms.</p> <p>All instruments: use a magnifying lamp to visually inspect the components for damage and wear and tear.</p> <p>In particular, inspect the critical points on moving parts and in the working area. Defective or damaged instruments, or those with illegible markings, must be sorted out and cleaned and disinfected before being returned to the manufacturer. Repairs may only be carried out by the manufacturer or by workshops authorized by the manufacturer. A verification form for this process is available from the manufacturer. Instruments that can no longer be repaired must be disposed of as scrap metal in accordance with hospital practice. In the case of surgical instruments with tips or sharp edges in particular, safe storage in a closed, puncture and break-proof disposable container must be ensured. Do not use damaged instruments!</p>						
Packaging	<p>Singly: In accordance with the standard series DIN EN 868, DIN EN ISO 11607, and DIN 58953.</p> <p>Sets: sort instruments into dedicated trays or place them in general-purpose sterilization trays. Pack the trays appropriately using a suitable procedure.</p>						



Sterilization	<p>Steam sterilization in a fractionated vacuum process in a device complying with DIN EN 285 and DIN EN ISO 17665. In order to prevent staining and corrosion, the steam must be free of contaminants. The recommended limits for contaminants for feed water and steam condensate are defined by DIN EN 285.</p> <p><u>Validated procedure:</u></p> <table> <tr> <td>Equipment:</td><td>Tuttnauer Autoclave Type B 3870 EHS / Lautenschläger ZentraCert</td></tr> </table> <p><u>Procedure/Parameters:</u></p> <table> <tr> <td>Cycle type:</td><td>3 pre-vacuum phases</td></tr> <tr> <td>Sterilization temperature:</td><td>132 – 134 °C</td></tr> <tr> <td>Holding time:</td><td>4 – 5 min.</td></tr> <tr> <td>Drying time:</td><td>20 min.</td></tr> </table> <p>When sterilizing more than one instrument in a sterilization cycle, do not exceed the maximum load of the sterilizer (see manufacturer's instructions).</p>	Equipment:	Tuttnauer Autoclave Type B 3870 EHS / Lautenschläger ZentraCert	Cycle type:	3 pre-vacuum phases	Sterilization temperature:	132 – 134 °C	Holding time:	4 – 5 min.	Drying time:	20 min.
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Cycle type:	3 pre-vacuum phases										
Sterilization temperature:	132 – 134 °C										
Holding time:	4 – 5 min.										
Drying time:	20 min.										
Storage	<p>In accordance with § 4 MPBetreibV (Medical Devices Operator Ordinance) and the standard series DIN EN 868, DIN EN ISO 11607, and DIN 58953.</p> <p>Instruments must be stored dry, at room temperature, clean, protected from damage and mechanical influences (avoid condensation, damage). Always keep instruments, if applicable, in a released state. This counteracts premature fatigue of the spring tension.</p> <p>Instruments must be transported to their place of use in a closed, puncture-proof sterile container.</p>										
Disposal	<p>These products consist of nickel-titanium. These are to be cleaned before disposal. Disposal can be performed at a scrap metal recycling facility. To protect employees, care must be taken to ensure that any pointed tips or sharp edges are protected.</p>										
<p>The instructions listed above were validated by the medical device manufacturer as suitable for preparing a medical device for reuse. It is the responsibility of the reprocessor to ensure that the reprocessing actually performed using equipment, materials, and personnel in the reprocessing facility achieves the desired results. This normally requires validation and routine monitoring of the process. Likewise, any deviation from the provided instructions on the part of the reprocessor should be properly evaluated for effectiveness and potential adverse consequences.</p>											
	<p>Any modification to the device or any deviation from these Instructions for Use will result in exclusion of liability!</p> <p>Subject to change without notice.</p>										



7) Configuration and application

SUPERFLEX soft tissue retractors consist of an austenite nickel-titanium shape memory alloy (Fig. 1). They can be flexibly deformed at room temperature and (instantly) regain their initial shape after removal of the deforming force.

The spatulated SUPERFLEX soft tissue retractor in particular is intended for self-retaining concentric spreading and temporary retraction of soft tissue.

Based on the specific patient anatomy and according to the field of application, the spatulated SUPERFLEX soft tissue retractor is carefully rolled up, grasped with the aid of a not too sharp or non-serrated clamp or grasping forceps and positioned in the soft tissue to be retracted.

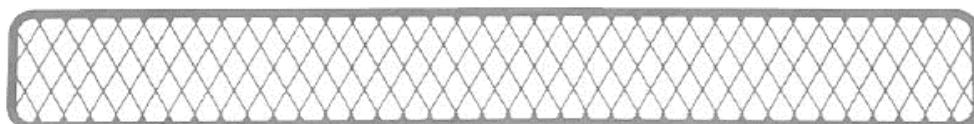


Fig. 1: SUPERFLEX soft tissue retractor MTI-0

	Use only sterilized products of sound quality!
	Before inserting the retractors, ensure that the surgical field has been prepared accordingly beforehand.
	Before using retractors, ensure that their functionality is not impaired and that there is no damage!
	Medical devices containing metals are electrically conductive and must not be exposed to a power source or external electrical influences.
	The choice of retractors depends on the anatomical and physiological conditions as well as the field of application. Here care should be exercised to ensure that the retractors used are of the correct size and have adequate stability.

During use

During use, do not place more pressure on the tissue being retracted than absolutely necessary for the surgical purpose.

The SUPERFLEX soft tissue retractor is rolled out in its initial shape (Fig. 2a). Carefully roll up the spatulated SUPERFLEX soft tissue retractor before insertion (Fig. 2b). Depending on the material thickness, this will yield a cylinder with a minimum diameter of 30 mm.

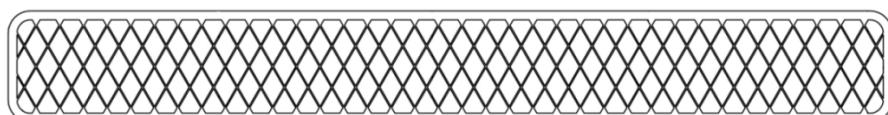


Fig. 2a: SUPERFLEX soft tissue retractor in its initial shape



Fig. 2b: Schematic representation of rolling up the SUPERFLEX soft tissue retractor for the application



The SUPERFLEX soft tissue retractors are manufactured from austenite NiTi material and have a shape memory. They can be flexibly deformed at room temperature and (instantly) regain their initial shape after removal of the deforming force.

When deforming the retractor during use, do not bend and do not go below the permissible minimum diameter of 30 mm.

Bending the retractor too sharply can result in permanent deformation or irreparable kinks in the material that compromise the retractor's function!

Do not use too sharp or serrated clamps or grasping forceps to stabilize the shape, otherwise the SUPERFLEX soft tissue retractor may be damaged.

Figure 3 depicts a configuration example in which the shape of the SUPERFLEX soft tissue retractor (a) is stabilized with the aid of grasping forceps (b).

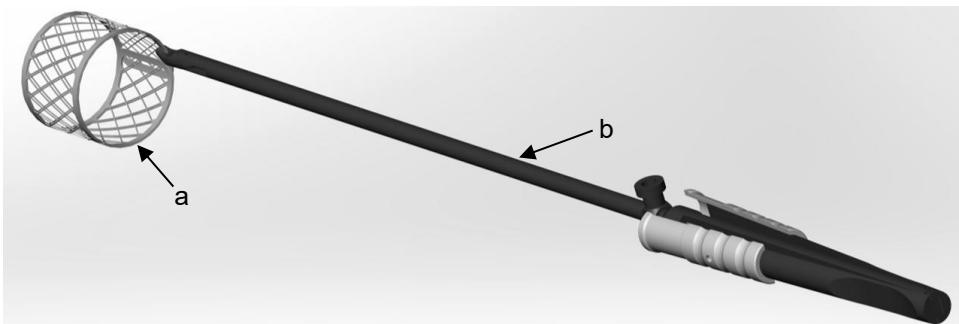


Fig. 3: Configuration example for the SUPERFLEX soft tissue retractor

Position the rolled-up SUPERFLEX soft tissue retractor in the soft tissue to be retracted and detach the clamp / grasping forceps.



When inserting the retractors, ensure that no tissue structures are unintentionally damaged (especially nerves and blood vessels)!



Do not rotate or tilt the holding instrument during insertion of the SUPERFLEX soft tissue retractor as this may damage the retractor.



Risk of injury! After removal of the holding instrument, the SUPERFLEX soft tissue retractor regains its initial shape (instantly). Do not open the clamp/grasping forceps until the retractor has been correctly placed in the soft tissue.



Too long and too high pressure on the tissue can cause necroses and other lesions!



Excessive load can cause plastic deformation or breakage of the retractors!

To remove the SUPERFLEX soft tissue retractor with a clamp / grasping forceps which are neither too sharp or serrated, grasp the overlapping ends and **carefully** withdraw the retractor from the operating site.



8) Required accessories

The application of the SUPERFLEX soft tissue retractor requires either a not too sharp or non-serrated clamp or grasping forceps to stabilize the shape.

For sterilization or storage, a sterilizing and storage tray (MTK-0) can be used to safely store the SUPERFLEX soft tissue retractor with a length of 200 mm (MTI-0, MTK-1, MTK-2 and MTK-3) (Fig. 4).

SUPERFLEX soft tissue retractors are stand-alone instruments and therefore a combination with other products is not intended.

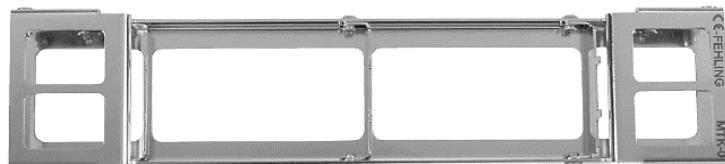


Fig. 4: Sterilizing and storage tray MTK-0 for SUPERFLEX soft tissue retractor with a length of 200 mm

Application of the MTK-0 sterilizing and storage trays MTI-0, MTK-1, MTK-2 and MTK-3

Sterilizing and storage tray MTK-0 (a) for safe storage of the flexible soft tissue retractor (b) during sterilization and storage (Fig. 5).

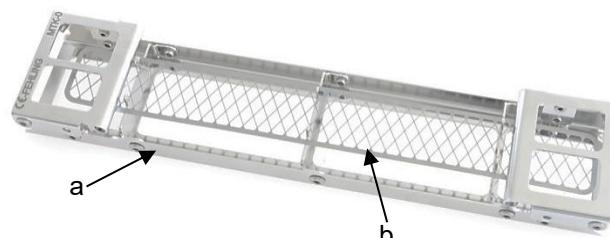
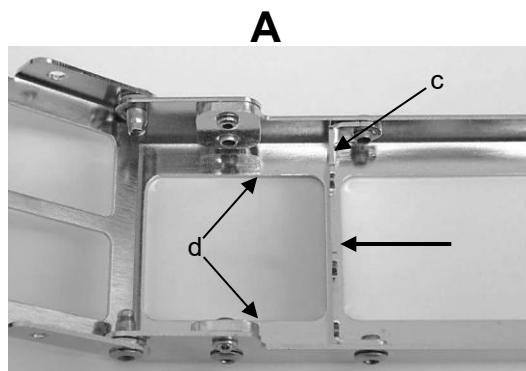


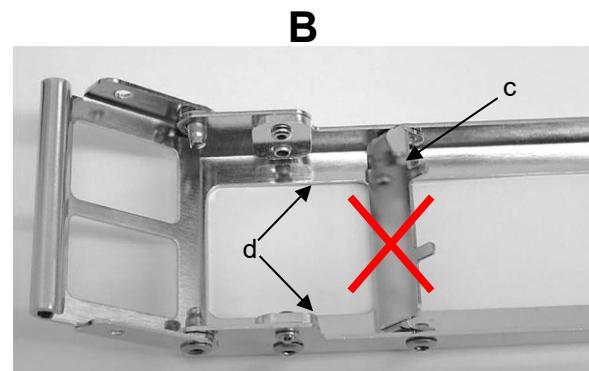
Fig. 5



Before the flexible soft tissue retractor can be inserted into the sterilization and storage tray, check that the bars (c) are perpendicular to the base (d) (Fig. 6).



CORRECT!



INCORRECT!

Fig. 6: Illustration of the correct (A) and incorrect (B) position of the bars (c).

If the bars (c) are not in a vertical position, the mesh profile of the flexible soft tissue retractor (b) may be kinked or damaged during insertion (Fig. 6a). Therefore, the bars (c) must always be in a vertical position.

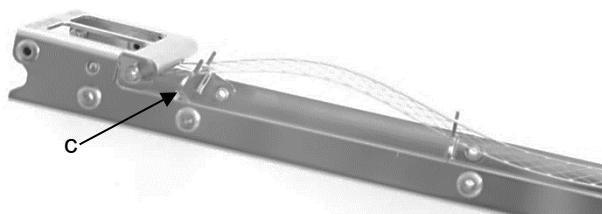


Fig. 6a



The flexible soft tissue retractor is placed centrally on the bars (c) with the safety covers (e) open (Fig. 7).

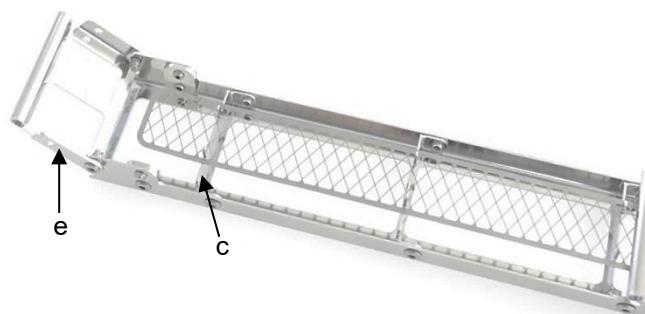


Fig. 7

It should be noted here that the fixation pins (f) protrude through the mesh profile (g) of the soft tissue retractor (see arrows in Fig. 7a).

For positioning on the fixing pins (f), make sure that the retractor neither contacts the fixing pins nor is pulled against them when being inserted into the sterilizing and storage tray.

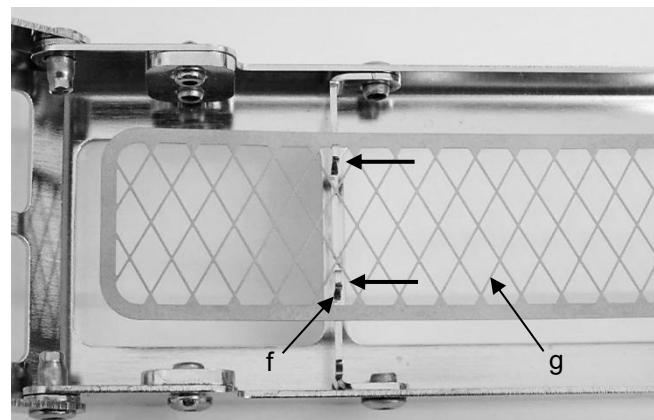


Fig. 7a

The two safety covers (e) prevent the retractor from being loosened from the bars (c) when closed and locked (Fig. 8). This prevents loss and possible damage.

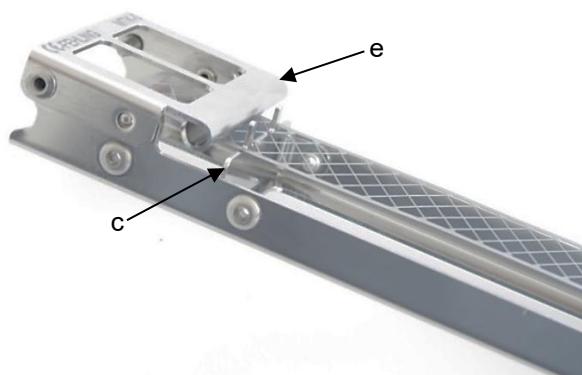


Fig. 8

9) Assembly

Assembly of the SUPERFLEX soft tissue retractor is not necessary.

10) Disassembly

Disassembly of the SUPERFLEX soft tissue retractor is not necessary.

11) Obligation to report serious incidents

The user is obliged to report serious incidents which have occurred in connection with the medical device to the manufacturer by e-mail to vigilance@fehling-instruments.de or via the complaint form at <https://www.fehling-instruments.de/en/complaint/> and to the competent authority of the Member State in which the user is domiciled.



Symbols

The symbols shown on the medical device or medical device label or instructions for use convey the following meaning in accordance with DIN EN ISO 15223-1:

REF Catalogue number	LOT Batch code	SN Serial number
MD Medical device	UDI Unique device identifier	

To contact the manufacturer:



FEHLING INSTRUMENTS GmbH
Seligentäder Str. 100
63791 Karlstein, Germany
Tel.: +49 (0) 6188-9574-40
Fax: +49 (0) 6188-9574-45
E-mail: info@fehling-instruments.de
www.fehling-instruments.de

