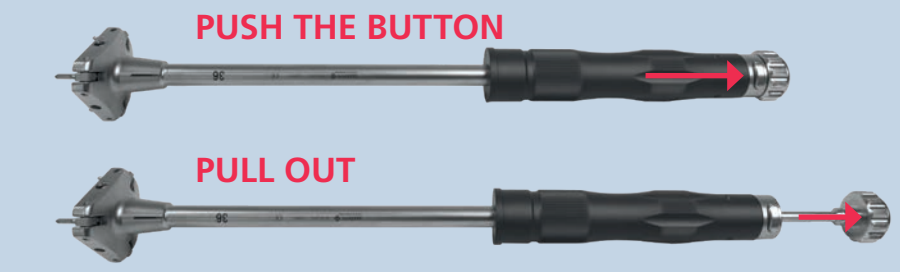
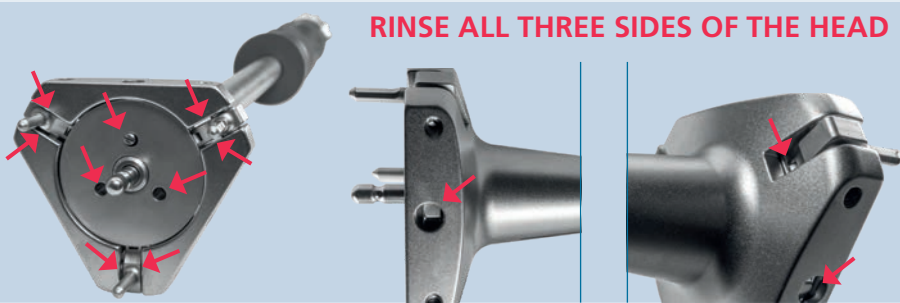


# Cleaning Instruction for Handle with Gripping Head (55.02.0520 – 55.02.0522)

The reprocessing of the Handle with Gripping Head (hereinafter: the «instrument») of the RM Classic Cup/RM Pressfit instrument set needs to be performed as followed.

## 1. Manual pre-cleaning

For efficient manual pre-cleaning, the rotating plate in the Gripping Head must be rotated by rotating the rod with impact plate up to the uppermost stop, a quarter turn back and the rotary plate is in the cleaning position.

No.	Step	Media	Pictures
1	The rod with impact plate has to be disassembled from the instrument. The disassembled instrument must be placed in cold water for 5 minutes. Manual removal of all visible dirt using a plastic brush * and a bottle brush for the long hollow bore below the water surface until no visible residues are present any longer. All gaps must be rinsed with tap water with a 20ml syringe (see pictures step 3).	<ul style="list-style-type: none"> <li>• Nylon brushes</li> <li>• Tap water</li> <li>• 20 ml syringe</li> </ul>	
2	The instrument must be immersed for 5 minutes in a cleaning solution at 40°C and sonicated at 35–47 kHz. Afterwards the instrument must be rinsed under running tap water.	<ul style="list-style-type: none"> <li>• Tap water</li> <li>• Enzymatic cleaner 1 % deconex® TWIN PH10 and 1 % deconex® TWIN ZYME, (v/v) in deionised water</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
3	Every gap and open space of the instrument must be rinsed with a water jet gun (~ 2 bar) for 3 seconds each (see red arrows).	<ul style="list-style-type: none"> <li>• Tap water</li> <li>• Water jet gun</li> </ul>	
4	Make sure that no visible residues are present any longer. If necessary, repeat procedure. If the outflowing water is still discoloured, repeat steps 1–3.	<ul style="list-style-type: none"> <li>• Visually</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

\* Decontaminate brushes after use and sterilise or dispose of them. Do not use steel brushes.

## 2. Automated cleaning

No.	Step	Medium
1	<b>Pre-rinse</b>	<b>Duration:</b> 2 minutes • Cold tap water
2	<b>Cleaning process</b>	<b>Duration:</b> 10 minutes <b>Temperature:</b> 55 (131)°C (°F) • Alkaline-Enzymatic Cleaner 0.5 % deconex® TWIN PH10 at 35°C (95°F) and 0.2 % deconex® TWIN ZYME at 40°C (104°F), (v/v) in deionised water
3	<b>Rinse I</b>	<b>Duration:</b> 2 minutes <b>Temperature:</b> > 50 (122)°C (°F) • Tap water
4	<b>Rinse II</b>	<b>Duration:</b> 2 minutes <b>Temperature:</b> > 40 (104)°C (°F) • Deionised water
5	<b>Thermal Disinfection<sup>1</sup></b>	<b>Duration:</b> 5 minutes <b>Temperature:</b> 90 (194)°C (°F) • Deionised water
6	<b>Drying</b>	<b>Duration:</b> 15 minutes <b>Temperature:</b> 115 (239)°C (°F) • Hot air
7	<b>Make sure that no visible residues are present any longer.</b>	

<sup>1</sup> Thermal disinfection according to DIN EN ISO 15883-1+2

## 3. Control and maintenance

To ensure that all contamination has been removed, it is important to inspect the instrument carefully and check it for cleanliness. If any contamination should be discovered adhering to instruments, the complete cleaning process must be repeated immediately. Once the instrument is clean, it must be serviced. To this end, Mathys Ltd Bettlach recommends use of a care agent based on paraffin/white oil that is vapour-permeable, e.g. Sterilit I JG600. Alternative products must be oil-free and be intended for sterilising surgical instruments. The care agent must be manually applied left and right of each pin. Apply the lubricant carefully and drop by drop (Fig. 1: yellow arrow).

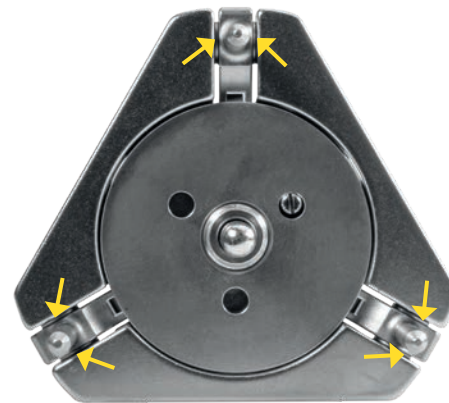


Figure 1

## 4. Function testing

Insert the rod with impact plate into the hollow of the instrument, push and turn slightly to lock until a click sounds (Fig. 2). Afterwards turn the rod clock- and anti-clockwise (Fig. 3). The pins must be movable in- and outwards (Fig. 4).



Figure 2



Figure 3

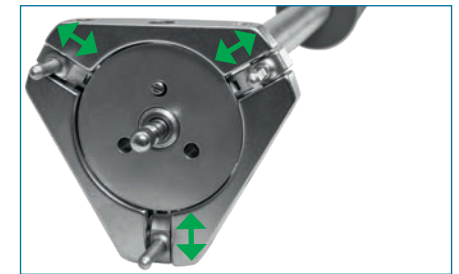


Figure 4

## 5. Sterilisation process with saturated steam

Type of cycle	Minimum temperature in °C	Minimum sterilisation time in minutes	Minimum drying time in minutes	Minimum pressure in mbar
<b>Pre-vacuum<sup>1</sup></b>	134	18	20	≥3042
<b>Pre-vacuum<sup>2</sup></b>	134	3	20	≥3042

<sup>1</sup> Recommended sterilisation process

<sup>2</sup> Validated sterilisation process