

Surgical Technique of the Noviomagus Bone Mill

Application: *This device is solely meant for milling cortico-cancellous bone into controlled size bone particles.*



ASSEMBLY

1. Place the *Housing* flat on the table surface.
2. Push the clamp's black spacers firmly against the table edge while tightening the screw spindle (Fig 3).
3. Select a *Milling Drum* for the appropriate chip size and insert carefully into the housing. Do not damage the bearing with the sharp teeth of the *Milling Drum* during insertion.
4. Position the *Handle* on the hexagonal shaft of the *Milling Drum*.
5. Tighten the *Screw Nut* on the *Milling Drum's* shaft end.
6. Insert the *Push Block* into the *Housing*.

SURGICAL TECHNIQUE

1. Choose a *Milling Drum* with the appropriate roughness.
2. Assemble the bone mill according to the assembly instructions as shown in Fig 3. The end result is shown in Fig 1.
3. Place a bowl under the *Milling Drum* outlet.
4. If femoral heads are used, split the heads in half and place the halves with split trabecular surface opposite to the direction of rotation (Fig 2).
5. Rotate the *Handle* clockwise while pushing the *Push Block* downwards.
6. Do not reinsert or exchange the *Milling Drum* unless all grafts are removed from the housing interior.

DISASSEMBLY

1. Take out the *Push Block* from the funnel.
2. Loosen the *Screw Nut* on the *Milling Drum's* shaft end.
3. Take the *Handle* from the hexagonal shaft of the *Milling Drum*.
4. Remove the *Milling Drum* from the *Housing*. Do not damage the bearing with the sharp teeth of *Milling Drum*.
5. Loosen the *Screw Spindle* and remove the *Noviomagus Bone Mill* from the table.

Fig 1



Fig 2



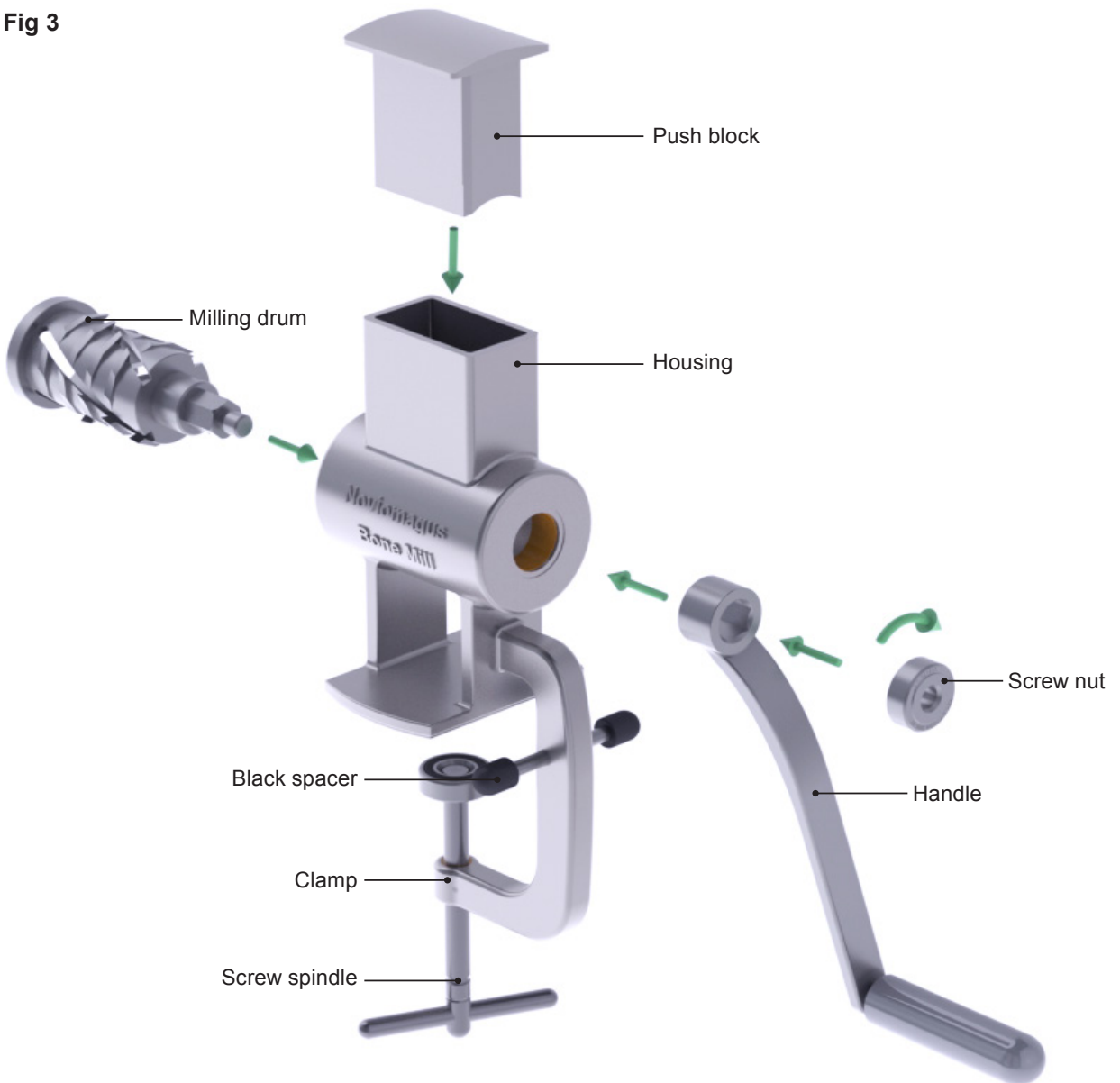
Warnings

- Do not operate bone mill without push block into position.
- Be careful for sharp teeth on milling drum when handling milling drum outside bone mill.

Remarks

- For instructions for use see document "Instructions for use of reusable surgical instrumentation" (IFU-MOI001).
- For reprocessing of reusable medical devices see document "Reprocessing of reusable medical devices" (REP-MOI005).

Fig 3



STERILIZATION TRAY

Fig 4

