







Intramedullary Plugs

Intramedullary Plugs

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CE 0482

Explanation of Pictograms			
	Manufacturer		Article number
	Material number		Product meets the applicable requirements, which are regulated in the EU harmonization legislation for the affixing of the CE marking.

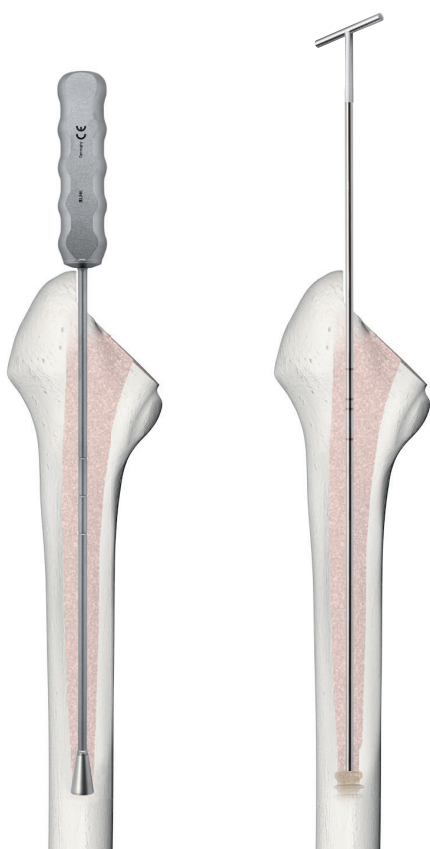


Fig. 1

Fig. 2

The Intramedullary Plug is used in combination with a cemented prosthesis to avoid uncontrolled diffusion of the cement within the intramedullary canal. After preparing the bone for the respective cemented prosthesis and before insertion of the Intramedullary Plug, the Intramedullary Plug Impactors can be used as a sizing reference (Fig. 1).

To do so, the Intramedullary Plug Impactor is inserted into the medullary canal until the desired depth is reached. Sufficient friction between medullary canal and instrument is the indicator for correct seating of the implant in the respective size. Please note that the Intramedullary Plug Impactor is only available in 2-mm increments whereas the Intramedullary Plugs are available in 1-mm increments. If there is no friction detected and the next size does not fit the depth, it might be necessary to use a size in between.

The preoperative planning can also provide an initial indication of the required size.

After determining of the correct size, the Intramedullary Plug is inserted into the intramedullary canal. The medullary space is blocked a few centimeters below the planned position of the cemented prosthesis using the Intramedullary Plug Impactor or Inserter (Fig. 2).

The example shown demonstrates the use of an Intramedullary Plug combined with a cemented hip prosthesis stem.

If an Intramedullary Plug is inserted that is not the correct size, it needs to be extracted and a correct size is to be used. The Implants are designed for single use only. Resterilization is not permitted. Implants and their materials must not be resterilized.

After cement application, the cemented prosthesis is introduced into the prepared implant cavity (Fig 3).

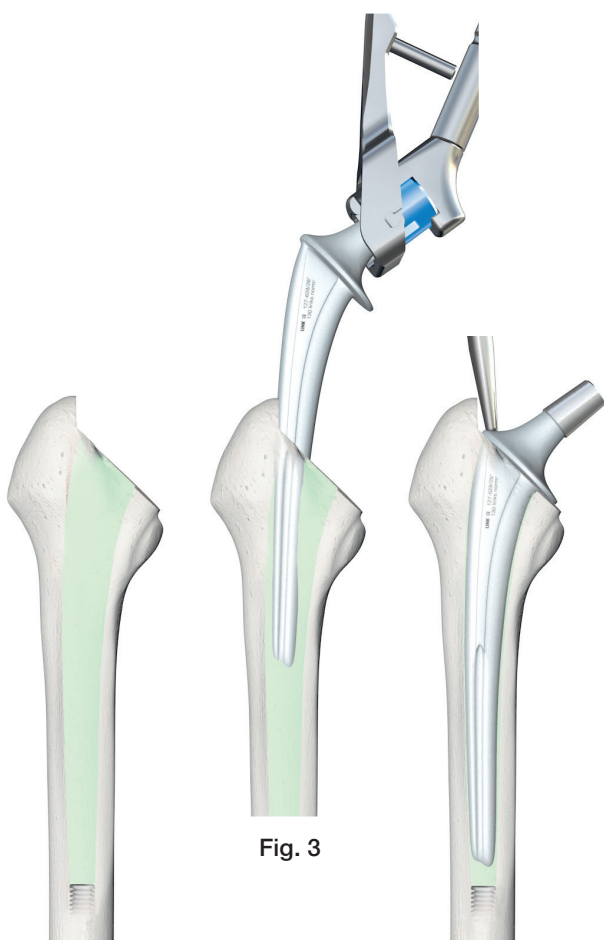


Fig. 3

INFORMATION:

The images shown depict an application example. The individual surgical technique of the cemented prosthesis used must be followed at all times.

Intramedullary Plugs

Intramedullary Plugs, **MAT** UHMWPE

REF	Ø (mm)
109-130/08	8
109-130/09	9
109-130/10	10
109-130/11	11
109-130/12	12
109-130/13	13
109-130/14	14
109-130/15	15
109-130/16	16
109-130/17	17
109-130/18	18
109-130/19	19
109-130/20	20



Intramedullary Plug Impactor to insert Intramedullary Plugs into the medullary cavity



Length 383 mm

REF	Ø (mm)
Unthreaded	
131-200	8
131-202	10
131-204	12
131-206	14
131-208	16
131-210	18



Length 400 mm

REF	Ø (mm)
Threaded	
131-220	8
131-222	10
131-224	12
131-226	14
131-228	16
131-230	18

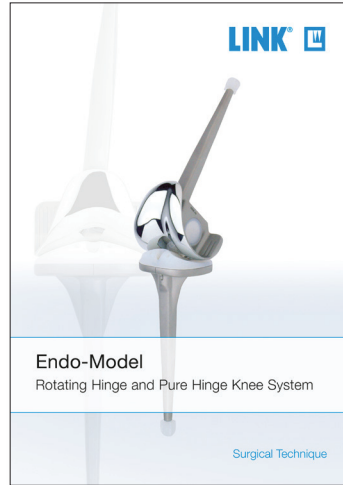
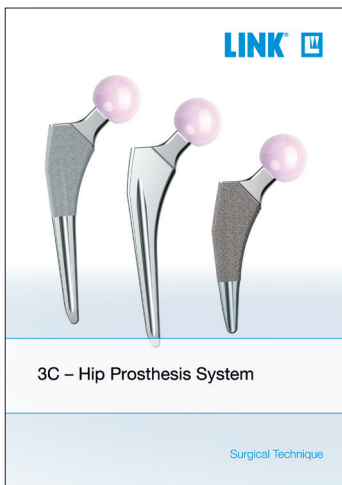
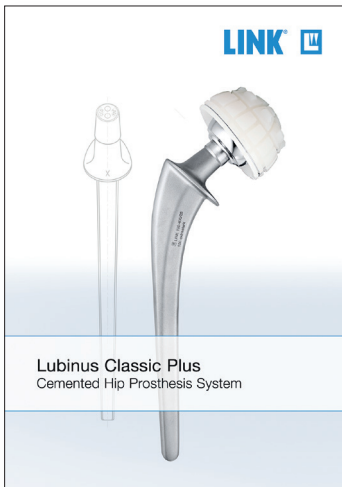
131-250/26 Inserter for Intramedullary Plugs, graduated, 355 mm




131-250/23 T-Handle for inserter 131-250/26



Additional Literature



Catalogs on request: Email info@link-ortho.com

 For more information, please register for our LINK Media Library (link-ortho.com)

Intramedullary Plugs
Indications
Implantation of cemented prostheses
Contraindications
Allergies to (implant) materials

INFORMATION:

The ultimate decision whether an implant is suitable for a patient must be made by the surgeon based on their individual analysis and experience.

Please note the following regarding the use of our implants:

1. Choosing the right implant is very important.

The size and shape of the human bone determine the size and shape of the implant and also limit the load capacity. Implants are not designed to withstand unlimited physical stress. Demands should not exceed normal functional loads.

2. Correct handling of the implant is very important.

Under no circumstances should the shape of a finished implant be altered, as this shortens its life span. Our implants must not be combined with implants from other manufacturers.

The instruments indicated in the Surgical Technique must be used to ensure safe implantation of the components.

3. Implants must not be reused.

Implants are supplied sterile and are intended for single use only. Used implants must not be reused.

4. After-treatment is also very important.

The patient must be informed of the limitations of the implant. The load capacity of an implant cannot compare with that of healthy bone!

5. Unless otherwise indicated, implants are supplied in sterile packaging.

Note the following conditions for storage of packaged implants:

- Avoid extreme or sudden changes in temperature.
- Sterile implants in their original, intact protective packaging may be stored in permanent buildings up until the "Use by" date indicated on the packaging.
- They must not be exposed to frost, dampness or direct sunlight, or mechanical damage.
- Implants may be stored in their original packaging for up to 5 years after the date of manufacture. The "Use by" date is indicated on the product label.
- Do not use an implant if the packaging is damaged.

6. Traceability is important.

Please use the documentation stickers provided to ensure traceability.

7. Further information on the material composition is available on request from the manufacturer.

Follow the instructions for use!

Waldemar Link GmbH & Co. KG, Hamburg

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The Surgical Technique described has been written to the best of our knowledge and belief, but it does not relieve the surgeon of his/her responsibility to duly consider the particularities of each individual case.

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