

Noviomagus



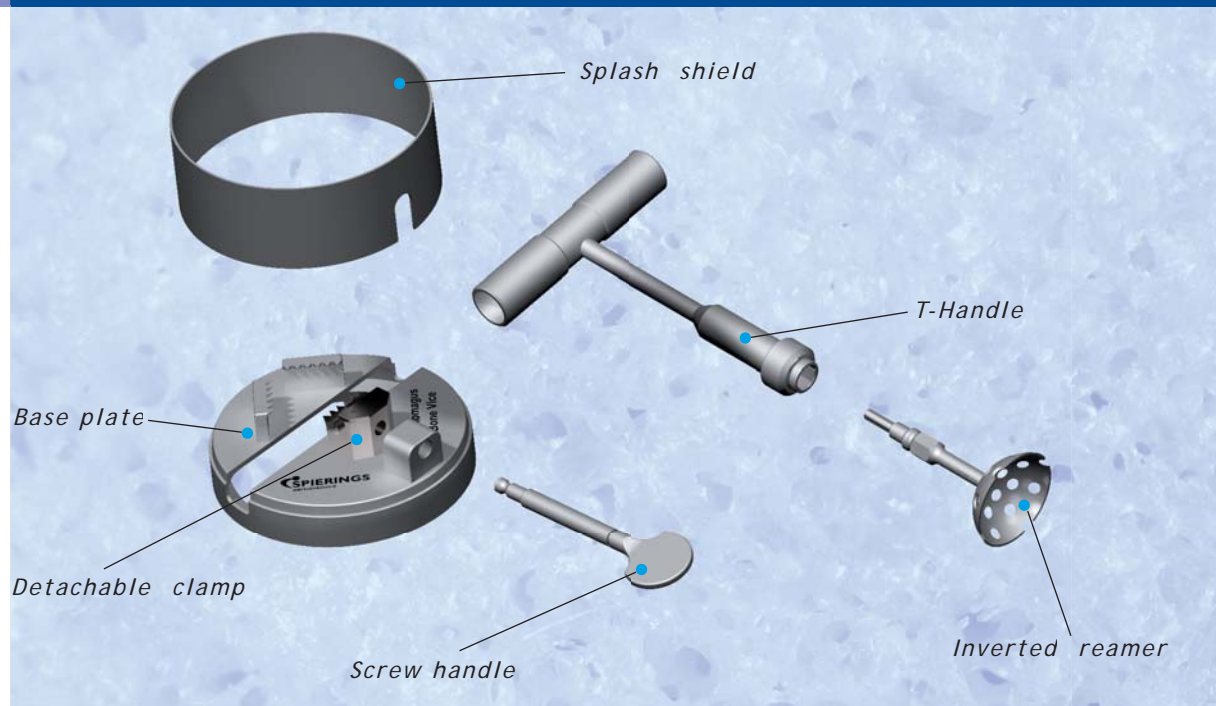
Femoral Head Reamer Set



Today's technology guarantees high
quality chips

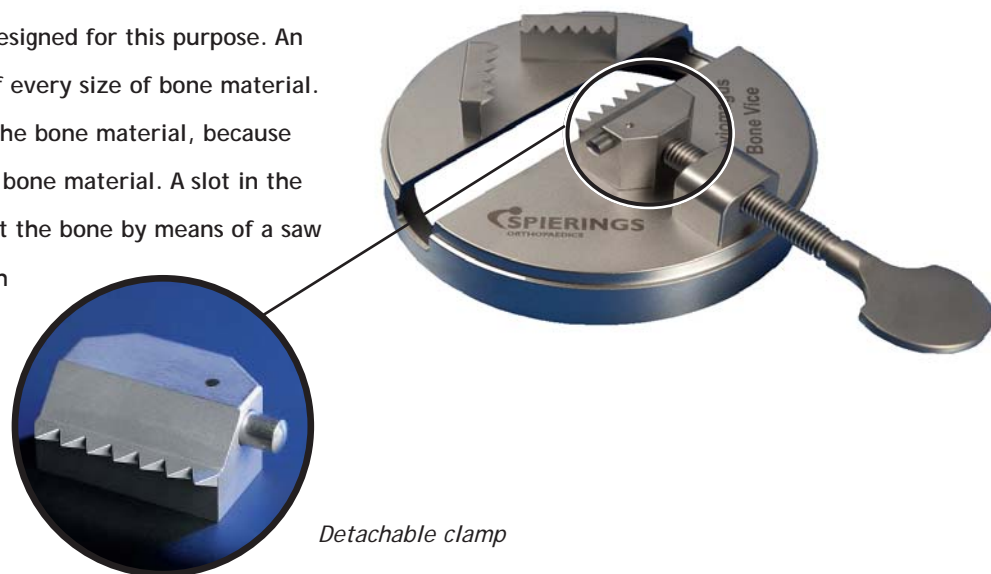
Safe and easy way to improved bone chips

The Noviomagus Femoral Head Reamer Set comprises of a "Bone Vice" that can fixate different type of bones for either reaming, shaping or splitting, and is supplied with "Inverted Reamers" for removing cartilage from a femoral head. Removing cartilage improves the remodelling of the bone graft and enhances osseointegration of the graft.



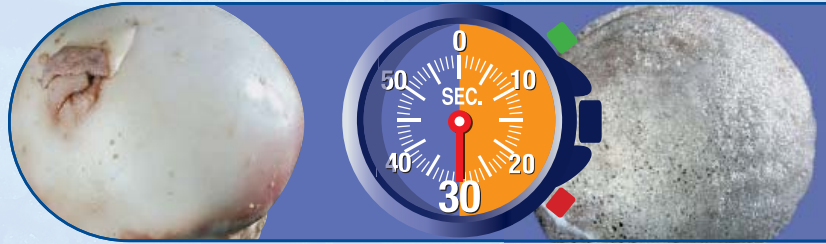
Safe and solid fixation of bone material

Removing cartilage from the bone requires a safe and solid fixation of the bone material. The bone vice is designed for this purpose. An adjustable clamp guarantees accommodation of every size of bone material. It is not necessary to change the position of the bone material, because the high teeth make it easy to go around the bone material. A slot in the bottom of the bone vice makes it easy to split the bone by means of a saw or osteotome. The bone vice is equipped with a reusable splash shield, which prevents contamination of the reaming area.



Reams fresh frozen bone

The inverted reamers have been made of a special hardened stainless steel alloy, resulting in a high quality and a long life-span product. They can ream a femoral head in less than 30 seconds and ream fresh frozen bone with equal ease, which avoids the risk of defrosting too much bone prior to surgery. The shape of the reamers make sure that only cartilage will be removed. This results in a time- and money-saving efficiency during surgery.



Less than 30 seconds!

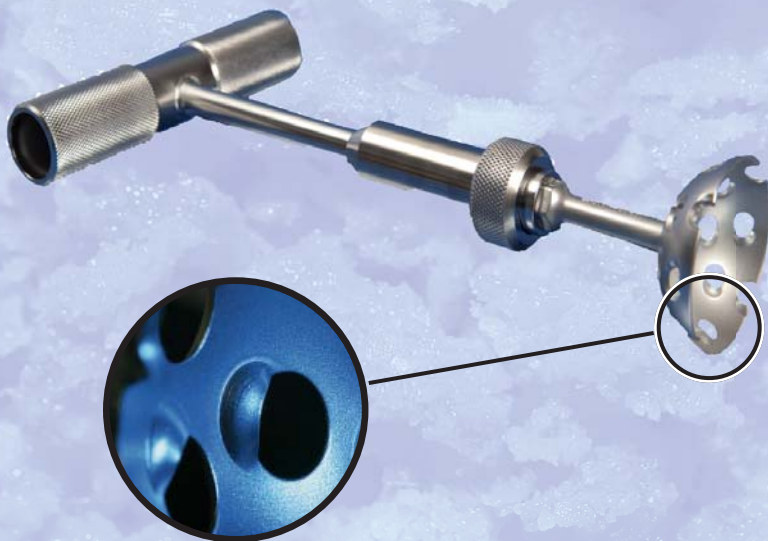
Improve the quality of your hip revision

Cartilage does not show any signs of incorporation within a grafted area. This will affect the stability of the graft in the long-term and increase the risk of loosening¹. For the quality and longevity of the reconstruction it is therefore necessary to avoid using cartilage. Removing cartilage from the femoral head before bone chips are produced by a bone mill is a time-saving and success-guaranteed method using the Noviomagus Inverted Reamers. The Noviomagus inverted reamers are available in nine diameters (stepwise increasing from Ø42 mm to Ø58 mm, with increments of 2 mm) covering all sizes of femoral heads. They have been designed to fit AO power tools or the specially designed manual T-handle.

1) S. van der Donk, P. Buma, T.J.J.H. Slooff, J.W.M. Gardeniers, B.W. Schreurs: Incorporation of Morselized Bone Grafts: a study of 24 acetabular biopsy specimens. Clinical Orthopaedics and Related Research (2002) 396: 131-141.

Advanced benefits

- Time saving
- User-friendly device
- Safe procedure
- Scientifically proven highest quality bone chips
- Reams fresh frozen bone
- Reamer diameter from 42 to 58 mm
- 3 Years warranty for regular hospital use
- Reamers suitable for both manual and power tool handling



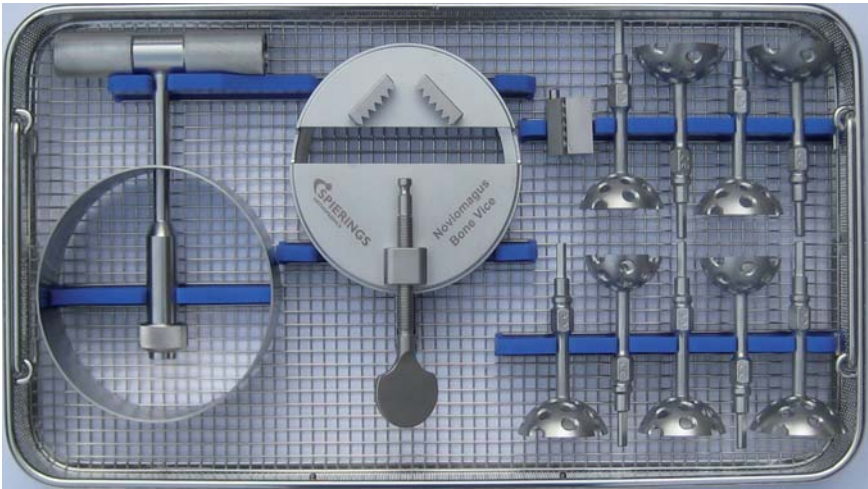
Inverted reamers only remove cartilage, not precious bone material

Today's technology guarantees high quality chips

Ordering Information

Noviomagus Femoral Head Reamer Set

Noviomagus bone vice:	
Baseplate	SBM-1109-14
Detachable Clamp	SBM-0503-15
Screw Handle	SBM-0503-16
Splash Shield	SBM-1109-17
Inverted Reamer Ø 42mm	SBM-0503-18
Inverted Reamer Ø 44mm	SBM-0904-21
Inverted Reamer Ø 46mm	SBM-0904-22
Inverted Reamer Ø 48mm	SBM-0503-19
Inverted Reamer Ø 50mm	SBM-0904-23
Inverted Reamer Ø 52mm	SBM-0904-24
Inverted Reamer Ø 54mm	SBM-0503-20
Inverted Reamer Ø 56mm	SBM-0904-25
Inverted Reamer Ø 58mm	SBM-0904-26
Sterilization tray (NFHRS)	SBM-1109-45
T-handle AO-coupling	SBM-1109-43



The Noviomagus Femoral Head Reamer Set is CE marked and FDA approved. Other Noviomagus products manufactured by Spierings Orthopaedics B.V. are: Noviomagus Impactor Set, Noviomagus Mini Mill, Noviomagus Bone Mill and the Noviomagus Revision Meshes.

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