

**Noviomagus**



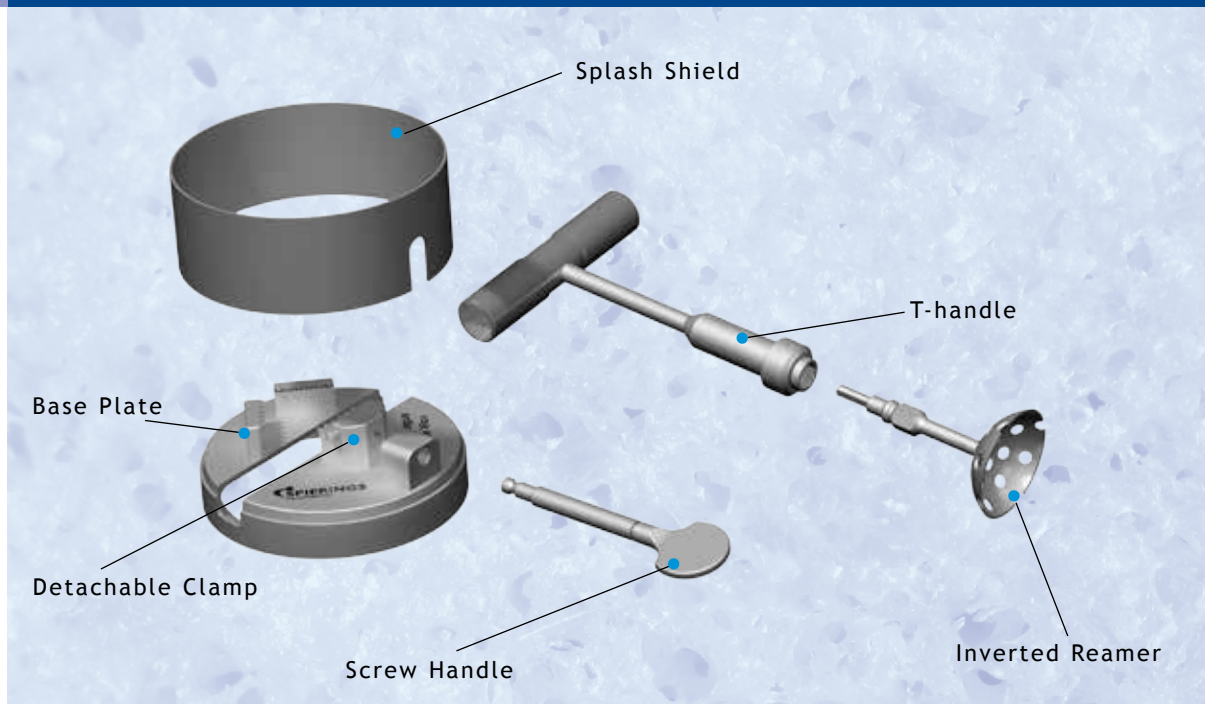
# Femoral Head Reamer Set



Today's technology guarantees high quality chips

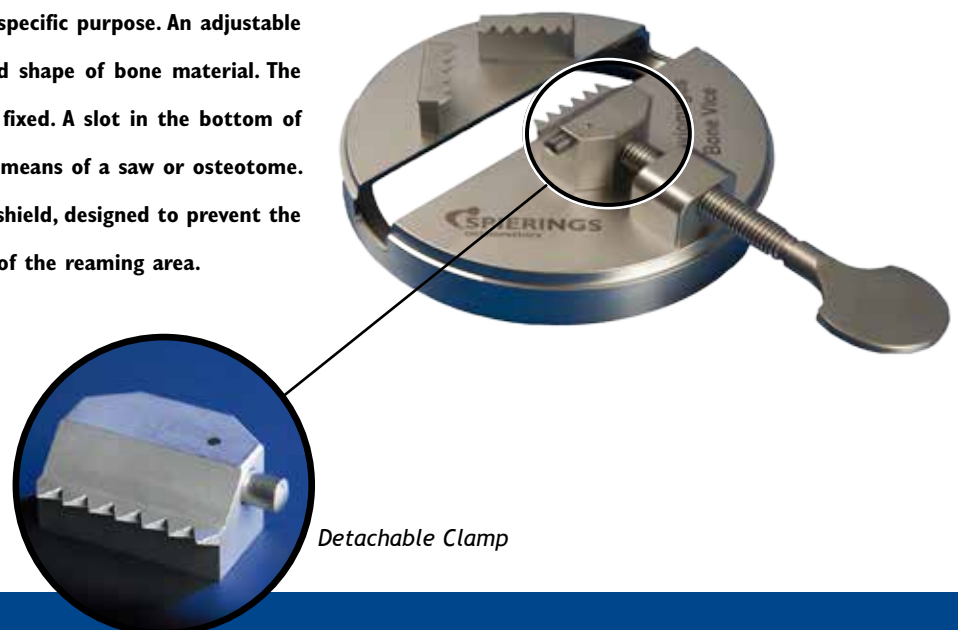
# Safe and easy way to improved bone chips

The Noviomagus Femoral Head Reamer Set is designed to fixate different types of bone material for either cartilage removal, shaping or splitting. The set comprises a base plate, a detachable clamp, a screw handle and a splash shield. Different sizes of inverted reamers are available to remove cartilage from a femoral head. Removing cartilage improves remodelling of the bone graft and enhances osseointegration of the graft.



## Safe and solid fixation of bone material

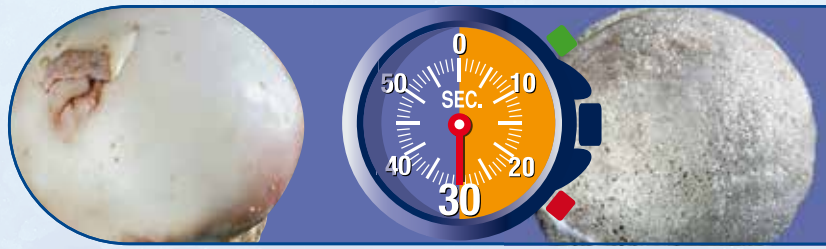
Removing cartilage from the bone requires a safe and solid fixation of the bone material. The bone vice is designed for this specific purpose. An adjustable clamp guarantees accommodation of every size and shape of bone material. The sharp teeth make sure the bone material is well fixed. A slot in the 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, designed to prevent the spread of the removed tissue and contamination of the reaming area.





# Reams fresh frozen bone

The inverted reamers are made of a special hardened stainless steel alloy, resulting in a high quality and a long life-span product. When fitted on a surgical power tool, the inverted reamers can remove the cartilage from a femoral head within 30 seconds. Thawed and fresh frozen femoral heads are reamed with equal ease. This 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 time- and money-saving efficiency during surgery.



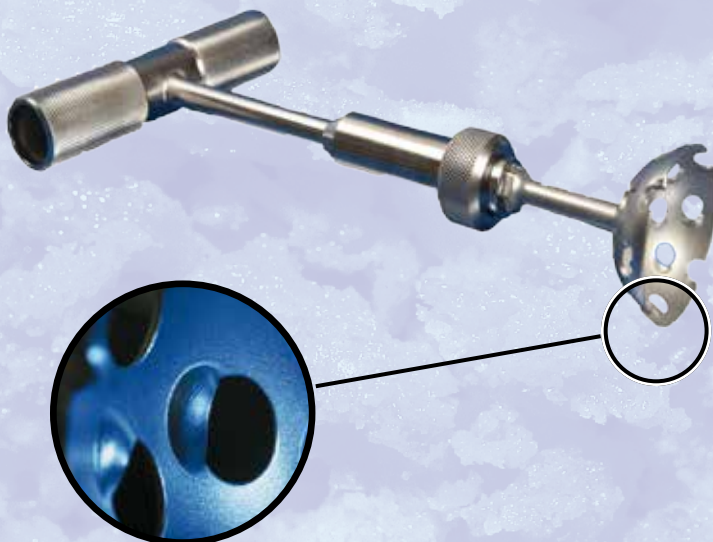
*Within 30 seconds!*

## Improve the quality of your revision

For the quality and longevity of graft reconstructions it is necessary to remove the cartilage. Cartilage does not show any signs of incorporation within the grafted area. Research shows that cartilage affects the stability of the graft and increases the risk of loosening in the long-term<sup>1</sup>. Using the inverted reamers to remove cartilage is a success-guaranteed

method. The Noviomagus Inverted Reamers are available in 10 diameters (stepwise increasing from Ø40 mm to Ø58 mm, with increments of 2 mm) covering all sizes of femoral heads. They are available with quick-release couplings that fit the standard AO-coupling, Zimmer-Stryker-Hall power tools and 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.



*Inverted Reamers only remove cartilage, no precious bone material*

## Advanced benefits

- Saving time in surgery
- User-friendly design
- Focus on safe cartilage removal
- Improving bone graft quality
- Fast cartilage removal of fresh frozen bone
- Inverted Reamer diameter ranging from ø40 to ø58 mm
- 3 Years warranty for regular hospital use
- Reamers suitable for both manual and power tool handling

# Today's technology guarantees high quality chips

# Ordering information

## Noviomagus

### Femoral Head Reamer Set

#### Noviomagus Bone Vice:

- Base Plate
- Detachable Clamp
- Screw Handle
- Splash Shield

#### Sterilization Tray (NFHRS)

#### T-handle AO-coupling

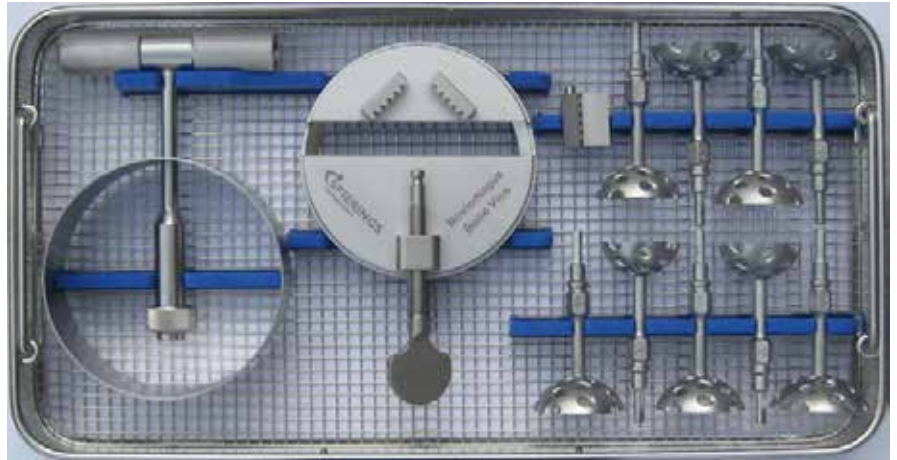
SBM-I 109-14  
SBM-0503-15  
SBM-0503-16  
SBM-I 109-17  
SBM-I 109-45  
SBM-I 109-43

- Inverted Reamer-AO Ø 40mm
- Inverted Reamer-AO Ø 42mm
- Inverted Reamer-AO Ø 44mm
- Inverted Reamer-AO Ø 46mm
- Inverted Reamer-AO Ø 48mm
- Inverted Reamer-AO Ø 50mm
- Inverted Reamer-AO Ø 52mm
- Inverted Reamer-AO Ø 54mm
- Inverted Reamer-AO Ø 56mm
- Inverted Reamer-AO Ø 58mm

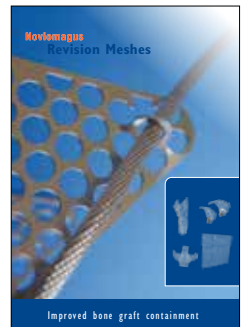
SBM-I 303-62  
SBM-0503-18  
SBM-0904-21  
SBM-0904-22  
SBM-0503-19  
SBM-0904-23  
SBM-0904-24  
SBM-0503-20  
SBM-0904-25  
SBM-0904-26

- Inverted Reamer Z-S Hall Ø 42mm
- Inverted Reamer Z-S Hall Ø 44mm
- Inverted Reamer Z-S Hall Ø 46mm
- Inverted Reamer Z-S Hall Ø 48mm
- Inverted Reamer Z-S Hall Ø 50mm
- Inverted Reamer Z-S Hall Ø 52mm
- Inverted Reamer Z-S Hall Ø 54mm
- Inverted Reamer Z-S Hall Ø 56mm
- Inverted Reamer Z-S Hall Ø 58mm

SBM-I 207-50  
SBM-I 207-51  
SBM-I 207-52  
SBM-I 207-53  
SBM-I 207-54  
SBM-I 207-55  
SBM-I 207-56  
SBM-I 207-57  
SBM-I 207-58



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. No rights can be derived from the information in this brochure. Copyright: Spierings Orthopaedics B.V.



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