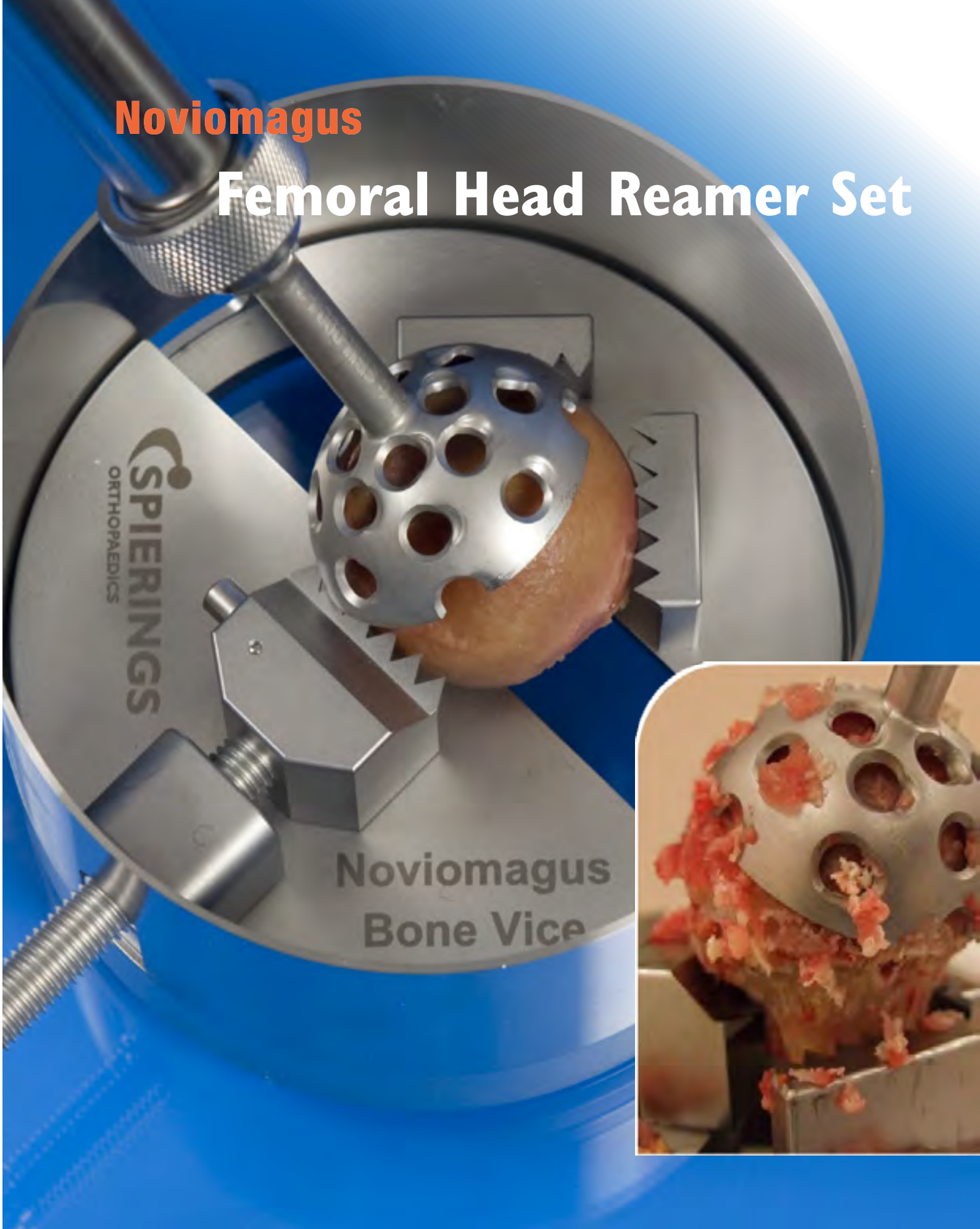


**Noviomagus**

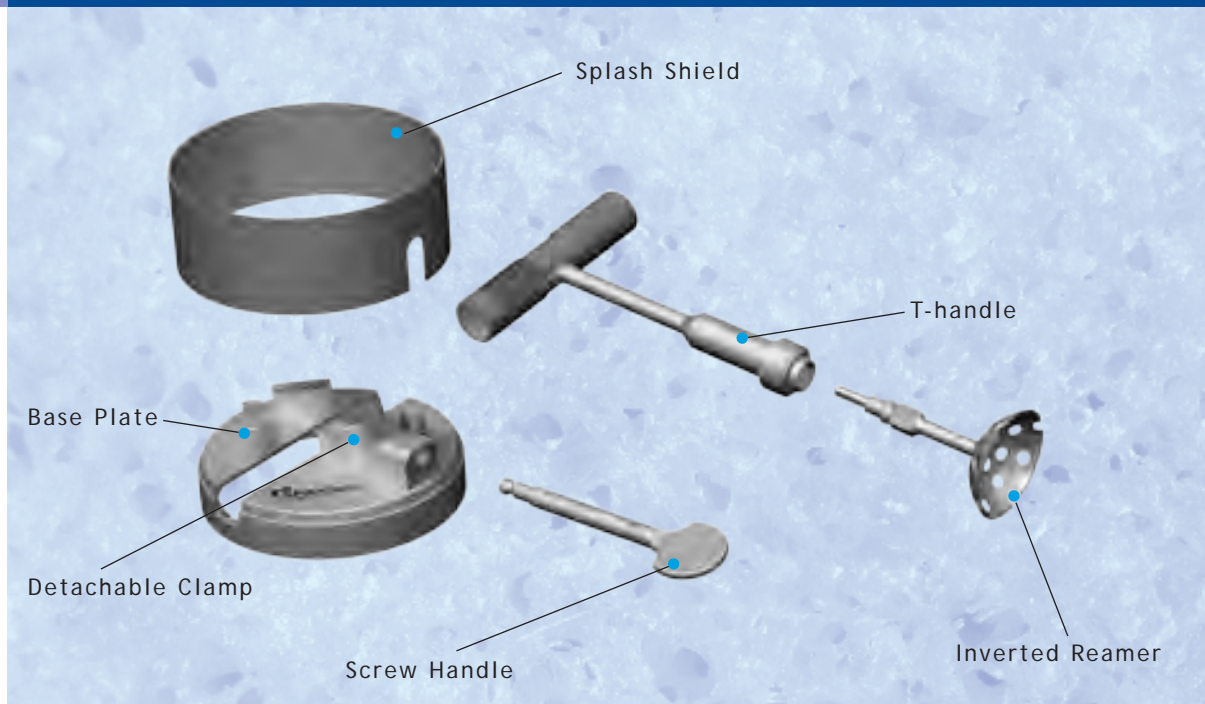
# Femoral Head Reamer Set



Today's technology guarantees high quality chips

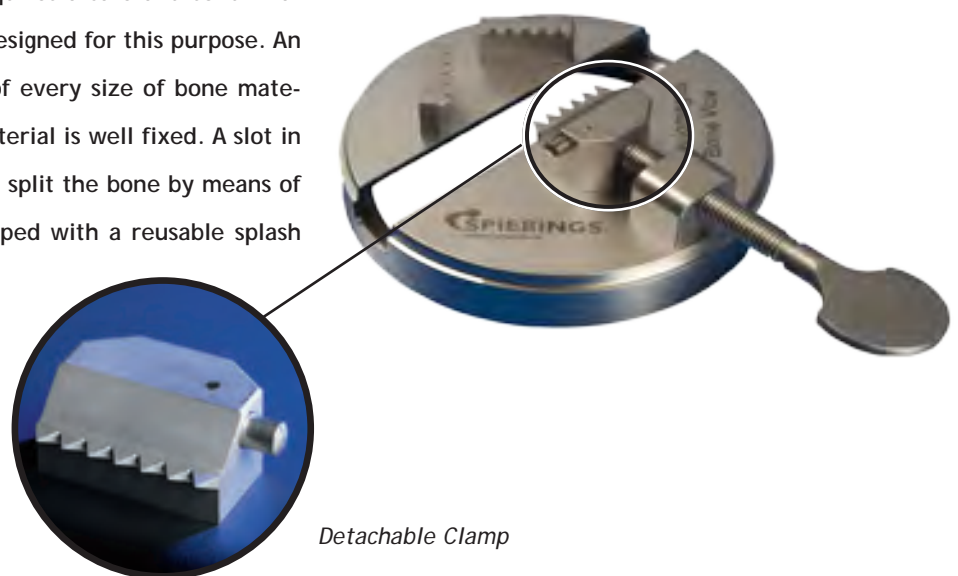
# Safe and easy way to improved bone chips

The Noviomagus Femoral Head Reamer Set comprises a base plate, a detachable clamp, a screw handle and a splash shield. It functions as a bone vice which can fixate different type of bones for either reaming, shaping or splitting. The set is supplied with different sizes of inverted reamers 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 purpose. An adjustable clamp guarantees accommodation of every size 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, which prevents contamination of the reaming area.



Detachable Clamp



## 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. The reamers can ream a femoral head in less than 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.

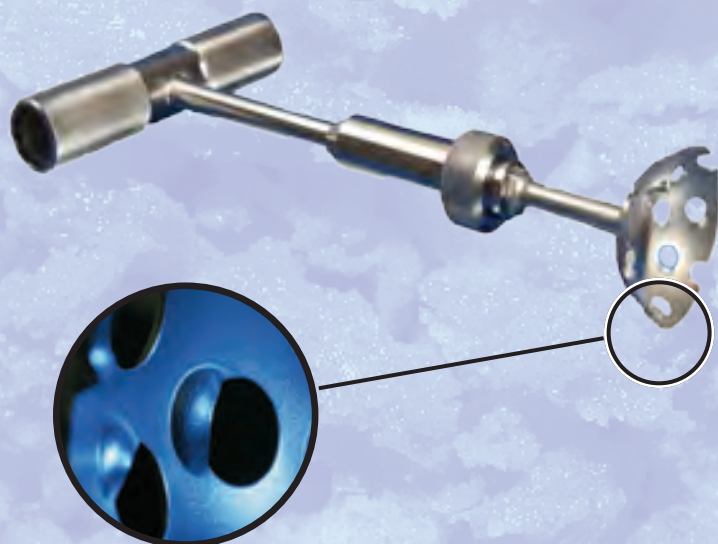


*Less than 30 seconds!*

## Improve the quality of your hip 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. 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 9 diameters (stepwise increasing from Ø42 mm to Ø58 mm, with increments of 2 mm) covering all sizes of femoral heads. They are available with quick-release couplings that fit AO and Zimmer-Stryker-Jacobs 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

- 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

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

#### 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

#### 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

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SBM-0503-15

SBM-0503-16

SBM-I 109-17

SBM-I 109-45

SBM-I 109-43

SBM-0503-18

SBM-0904-21

SBM-0904-22

SBM-0503-19

SBM-0904-23

SBM-0904-24

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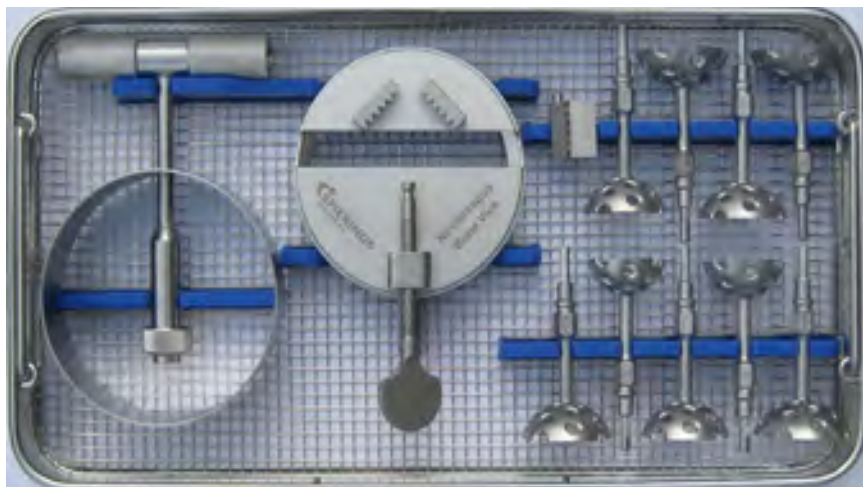
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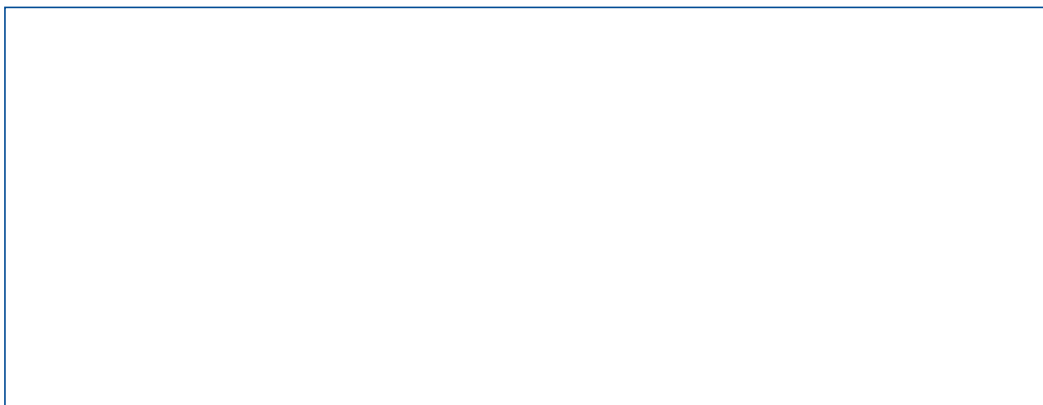
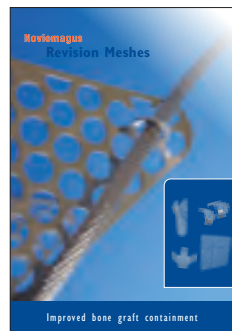
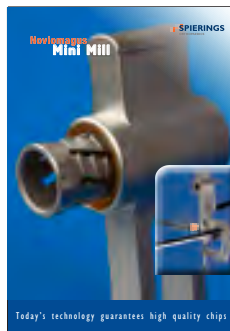
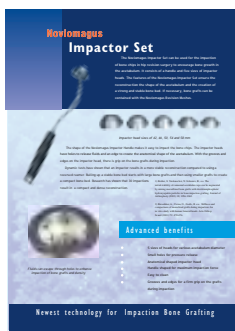
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The Noviomagus Femoral Head Reamer Set is CE marked and FDA approved. Other Noviomagus products manufactured by Spierings Orthopaedics B.V. are: Noviomagus Impactor Set, Noviomagus Mini Mill, Noviomagus Bone Mill and the Noviomagus Revision Meshes.

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