

# MUTARS<sup>®</sup> RS System

for modular revisions



# Modular revision

The **MUTARS®** revision system bridges proximal femoral bone defects due to fractures or revision arthroplasties. For optimal fit, different sizes are available.



## Sizes

- proximal component: 32 mm and 42 mm
- metaphyseal component: length 40 mm and 50 mm
- extension piece: length 25 mm



## Reconstruction

- implant length 192 – 417 mm possible



## Coating

- proximal component: silver (optional)
- stem cementless: **implaFix®** HA (optional)
- stem cemented: TiN (optional)



## Material

- cementless: **implatan®** TiAl<sub>6</sub>V<sub>4</sub>
- cemented: **implavit®** CoCrMo

## MUTARS® RS

### proximal component

CCD-angle: 127° / 135°

length: 32 mm / 42 mm

material: **implatan®**, TiAl<sub>6</sub>V<sub>4</sub>

coating: silver (optional)

### MUTARS® RS metaphyseal component

size: standard / slim

length: 40 mm / 50 mm

material: **implatan®**, TiAl<sub>6</sub>V<sub>4</sub>

coating: HA (optional)

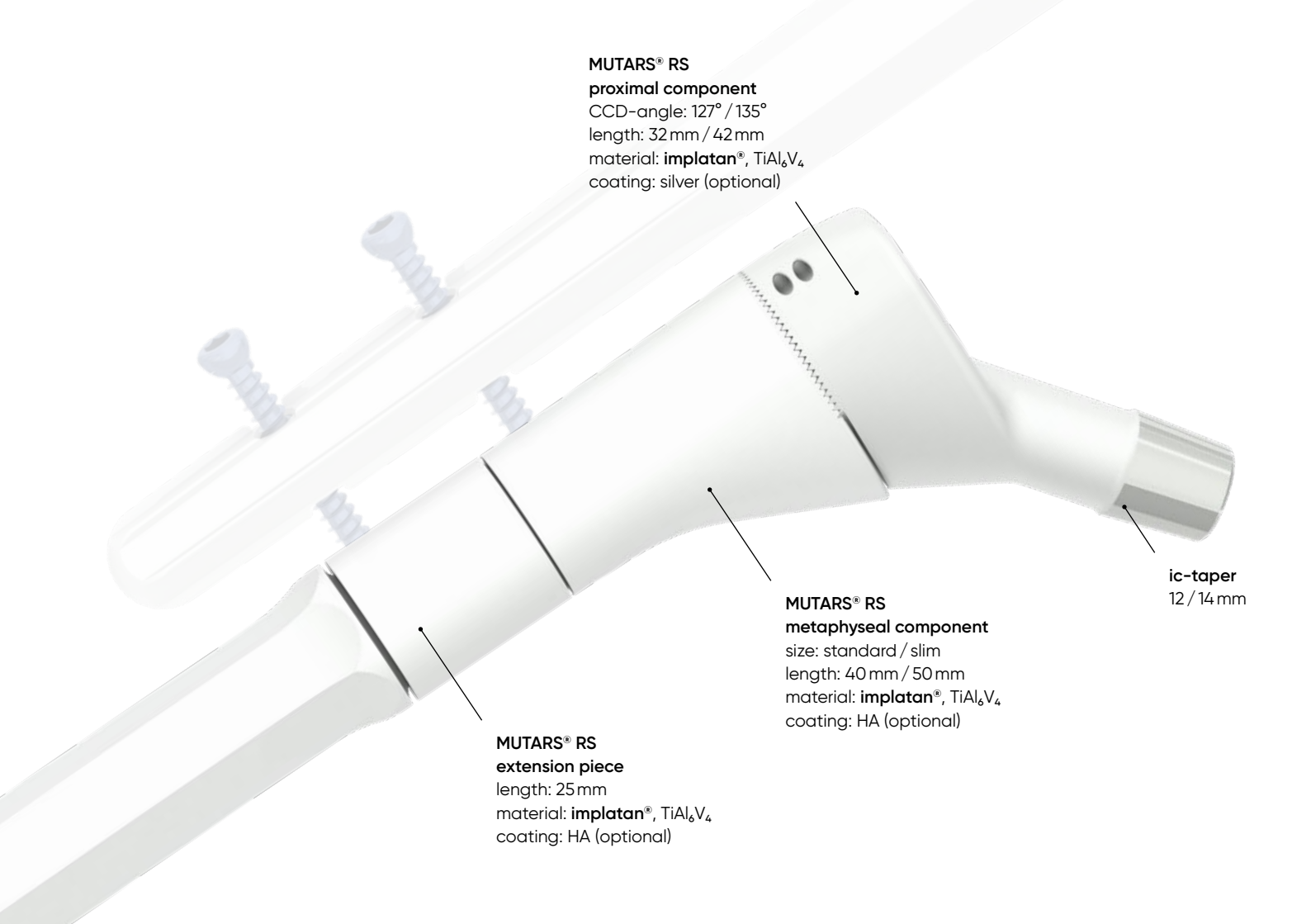
### MUTARS® RS extension piece

length: 25 mm

material: **implatan®**, TiAl<sub>6</sub>V<sub>4</sub>

coating: HA (optional)

ic-taper  
12 / 14 mm



# Primary stability

The modularity of the components simplifies the optimal filling of the proximal femoral area. The intention is to preserve as much bone substance as possible for sufficient primary stability.



## Sizes

- stem cementless: 150, 200 and 250 mm
- Ø 12 - 22 mm (in 1 mm steps)
- stem cemented: 120, 150 and 200 mm
- Ø 12 - 18 mm (in 2 mm steps)



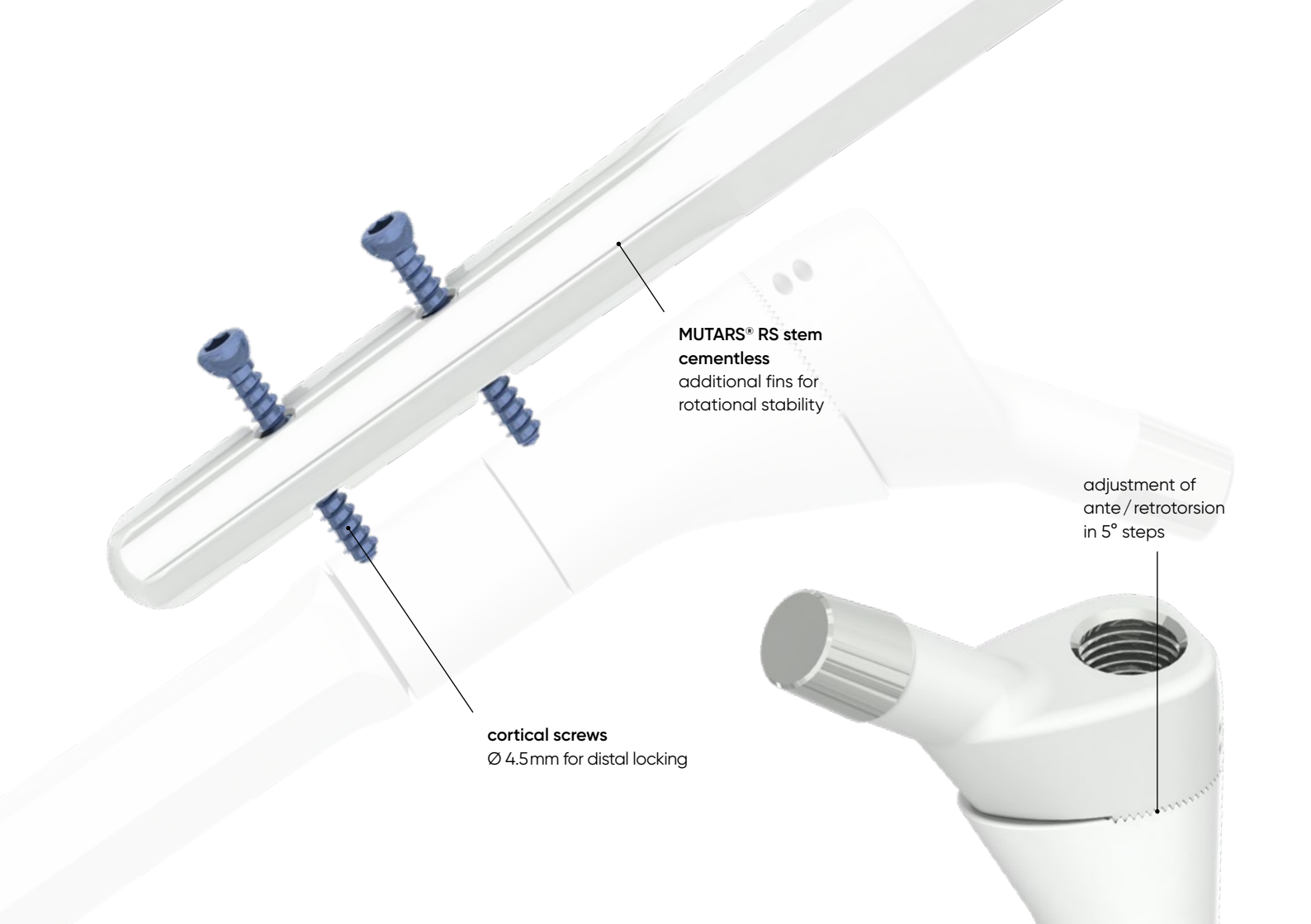
## Screw options

- 2 distal bore holes for cortical screws  
Ø 4.5 mm (length 25 - 60 mm)



## Design features proximal component

- serration enables the adjustment of ante / retrotorsion in 5° steps



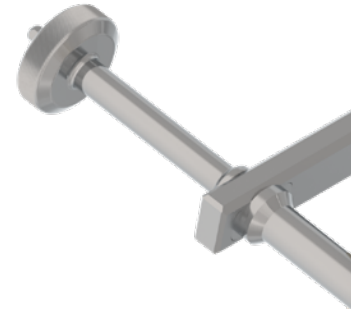
**MUTARS® RS stem**  
**cementless**  
additional fins for  
rotational stability

**cortical screws**  
Ø 4.5mm for distal locking

adjustment of  
ante/retrotorsion  
in 5° steps

# Advanced instrumentation

The **MUTARS®** revision system offers uncomplicated and clear instruments that maximize efficiency and flexibility in surgical use.



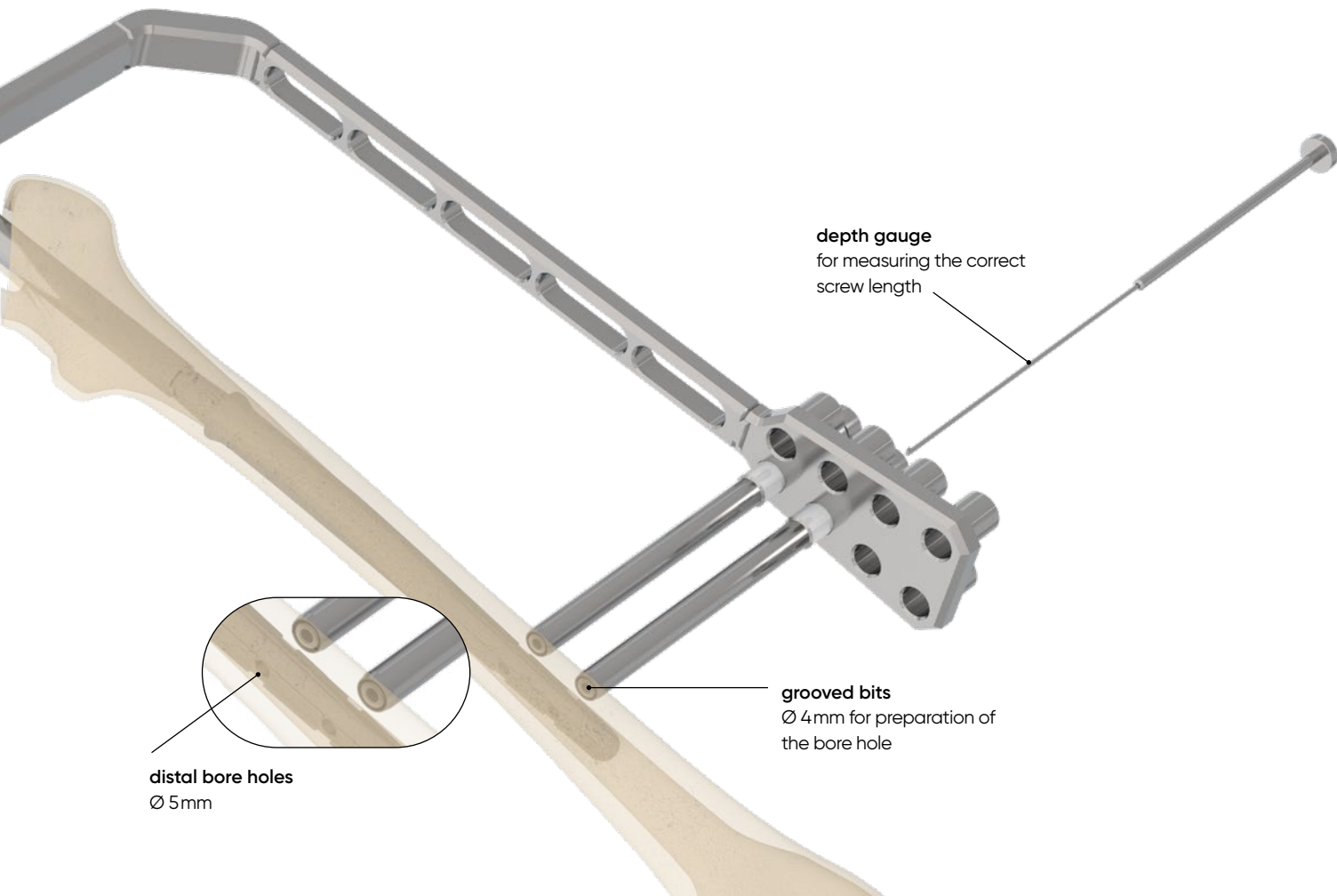
## Variants

- basic container
- container with trial implants für checking the joint stability
- targeting device for cortical screw Ø 4.5 mm



## Design features

- trial stems for cementless and cemented implants
- torque wrench for tightening the M8 screws



**depth gauge**  
for measuring the correct  
screw length

**grooved bits**  
Ø 4mm for preparation of  
the bore hole

**distal bore holes**  
Ø 5mm

*walk with us*

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