



Aesculap Orthopaedics

Prevision[®]

OP-Technik
Surgical technique



non stérilisable – non sterilizzabile – no esterilizable

nicht sterilisierbar
non-sterilizable



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Zusammenbau Instrumente

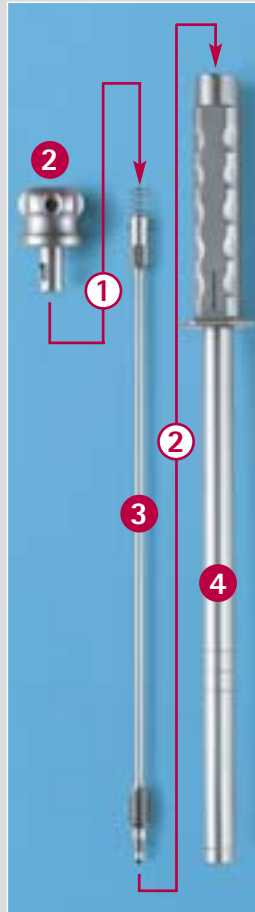
Assembly of the instruments

nicht sterilisierbar
non-sterilizable

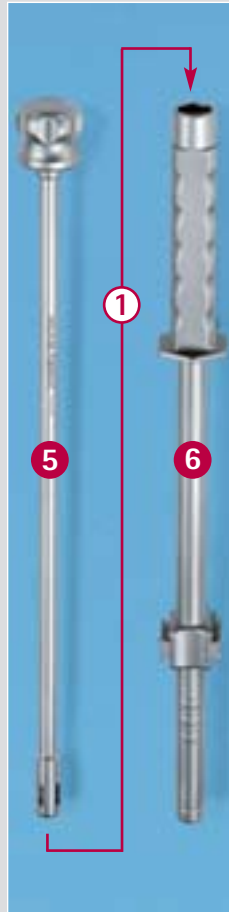
non stérilisable – non sterilizable – no esterilizable



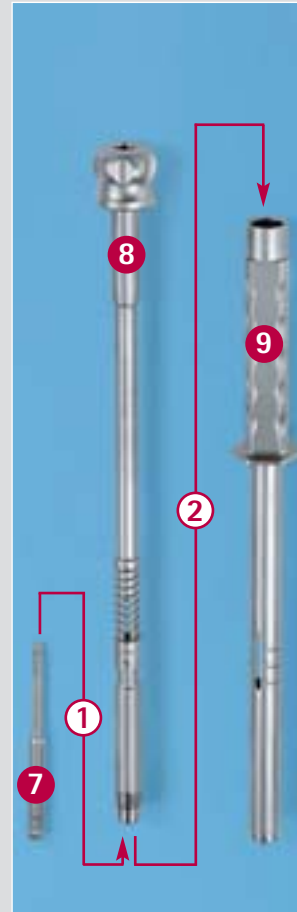
Sicherheitsstift
einschrauben
Screw in
fixation-screw



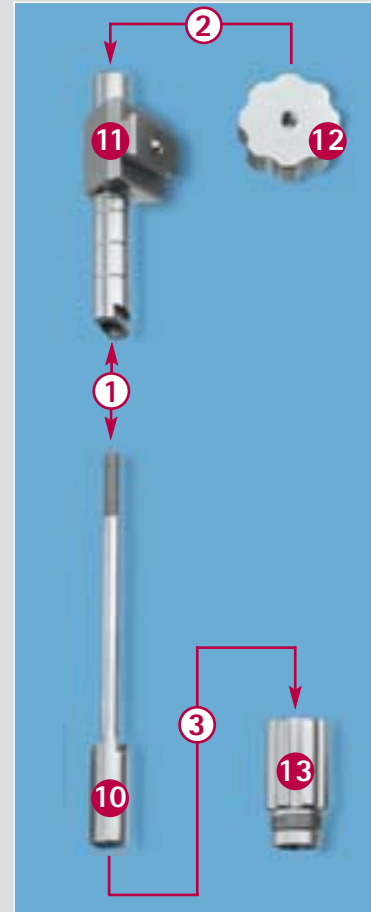
Handgriff für distale Raspel
Handle for distal rasp



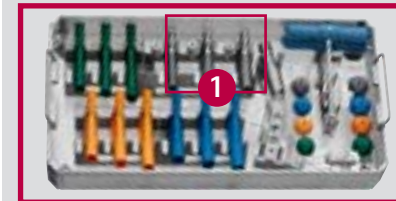
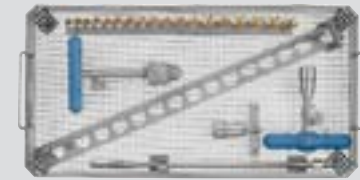
Zusammenbau des distalen Einsetzinstrumentes
Assembly of the insertion instrument for distal implant



Zusammenbau des prox. Einsetzinstrumentes
Assembly of the insertion instrument for prox. implant



Zusammenbau der Verriegelungshilfe
Assembly of the aiming support

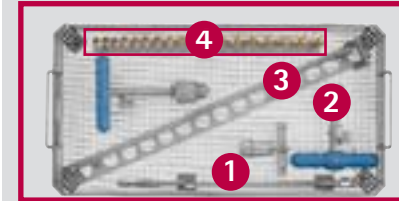
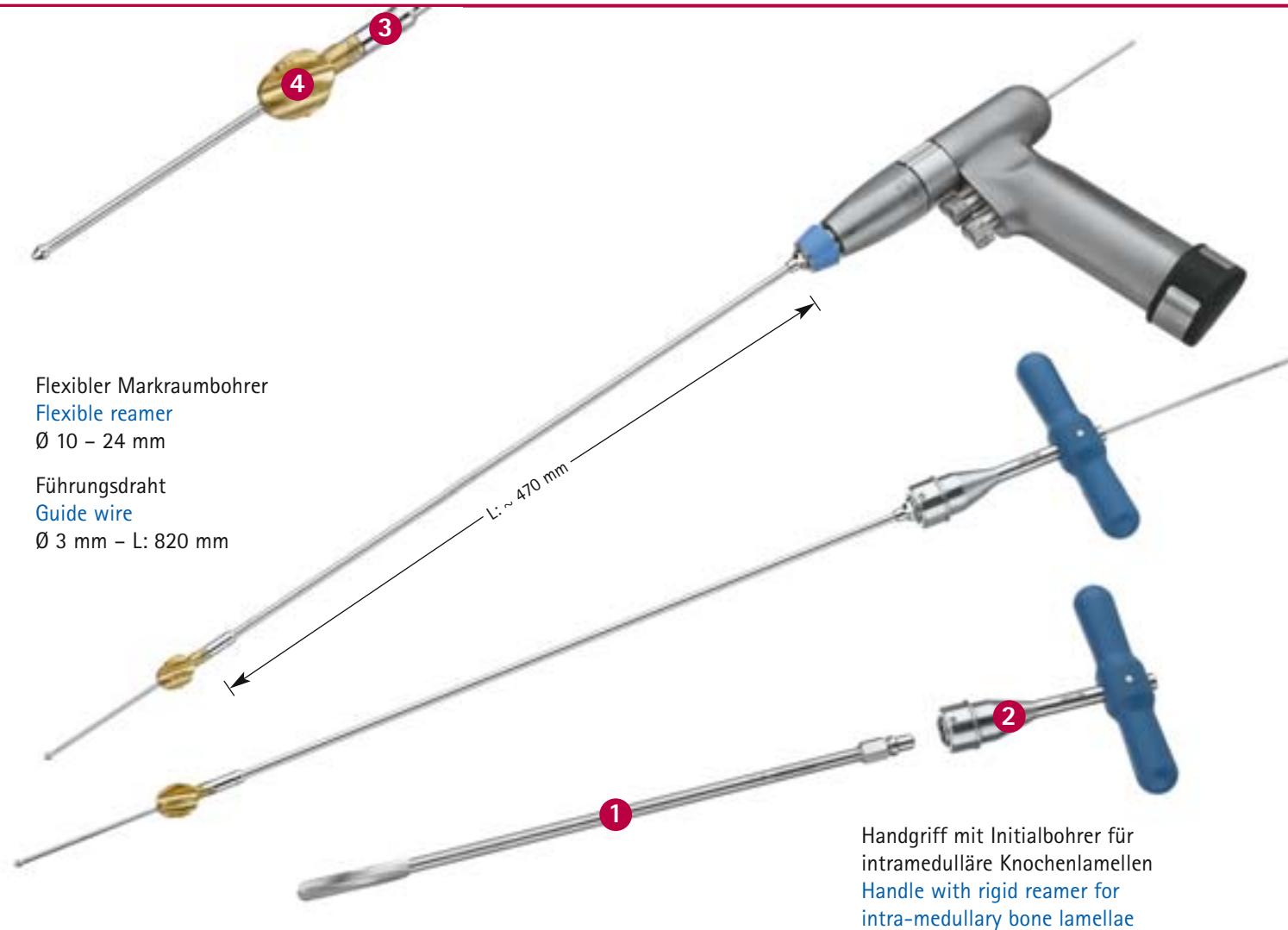


Vorbereitung des distalen Markkanals

Preparation of the distal medullary canal

nicht sterilisierbar
non-sterilizable

non stérilisable – non sterilizable – no esterilizable

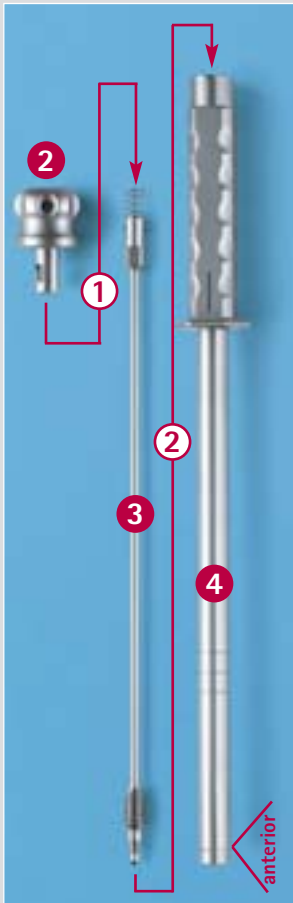


Vorbereitung des Implantatlagers mit Proberaspeln

Preparation of the implant bed with modular rasps

nicht sterilisierbar
non-sterilizable

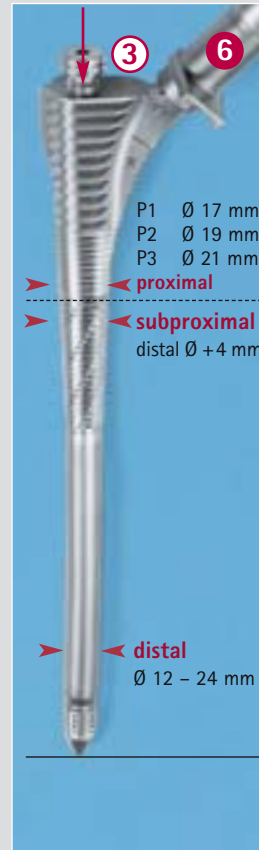
non stérilisable – non sterilizable – no esterilizable



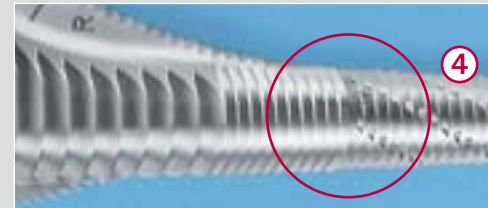
Handgriff auf distale Raspel stecken und Knauf anziehen
Handle nest to distal rasp and tighten the knob



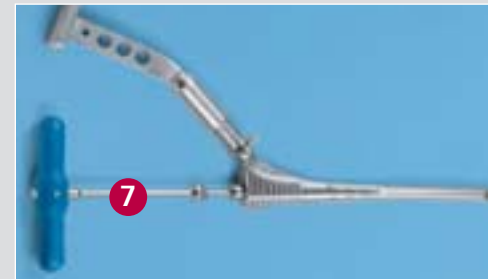
Sicherheitsstift einschrauben, distale Raspel einsetzen und Sicherheitsstift drücken
→ distale Raspel ist axial gesichert und kann noch drehen
Screw in fixation-screw, assemble distal and proximal rasp and press fixation-screw
→ distal rasps is axial fixed and can be turned



P1 Ø 17 mm
P2 Ø 19 mm
P3 Ø 21 mm
proximal
subproximal
distal Ø +4 mm
distal Ø 12 – 24 mm



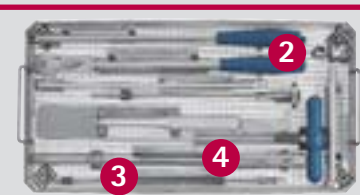
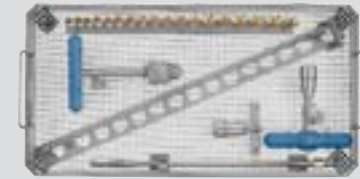
Voreinstellung der Antetorsion (5° pro Teilstrich)
Pre-adjustment of the Antetorsion (5° per graduation)



Feststellen der Antetorsion
Fixation of the Antetorsion



Probereposition mit der modularen Raspel
Trial reposition with modular rasp

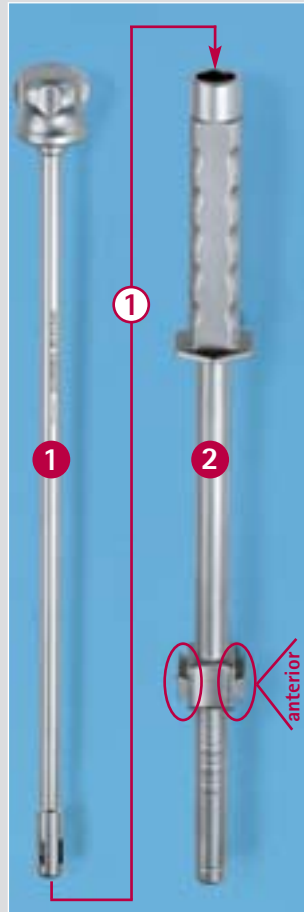


Implantation des distalen Schaftimplantates

Insertion of the distal implant component

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non-sterilizable

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Zusammenbau des Einsetz-
instrumentes
Assembly of the insertion
instrument



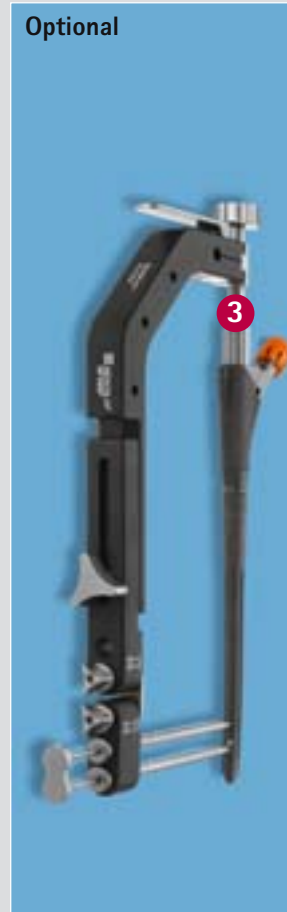
Befestigen der distalen Implantat-
komponente auf Einsetzinstrument
Adaptation of the distal implant
component to the insertion
instrument



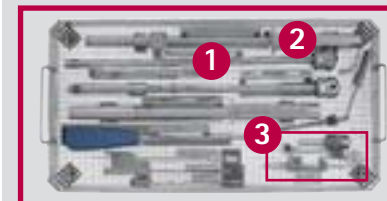
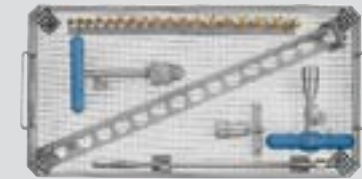
Optional
Einstellen des Zielgerätes bei
intraossärer Implantatfügung
Adjustment of the aiming device
after intraosseous implant joining



Optional
Implantation des distalen
Schaftes
Insertion of the distal
implant



Optional
Einstellen des Zielgerätes bei
extraossärer Implantatfügung
Adjustment of the aiming device
after extraosseous implant joining

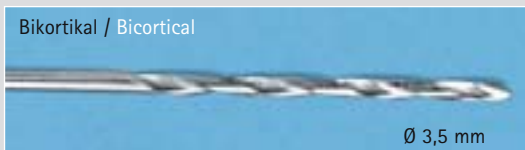


Distale Verriegelung

Distal interlocking

1 Instrumente zur Verriegelung Instruments for distal interlocking

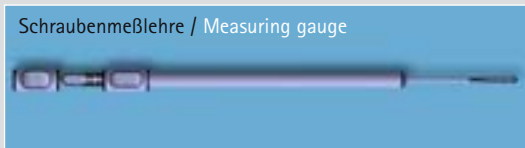
Bikortikal / Bicortical



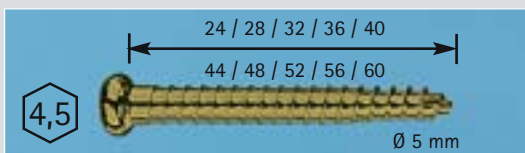
Eingangskortikal / Monocortical



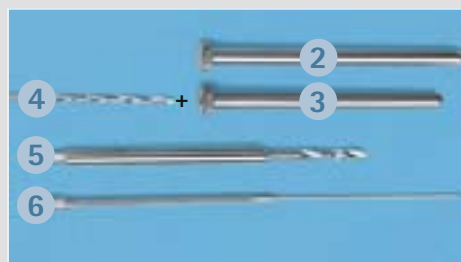
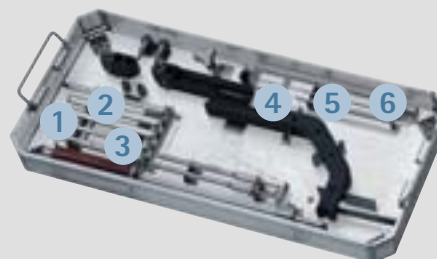
Schraubenmeßlehre / Measuring gauge



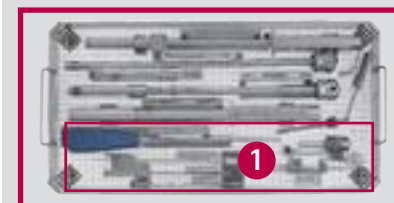
Distale Verriegelung unter Bildverstärkerkontrolle
Distal interlocking with x-ray magnifier



Distales Zielgerät: NF510 Interlocking device: NF510



Alternativ: distale Verriegelung mit dem zuvor eingestellten Zielgerät
Alternative: distal interlocking with the before adjusted aiming device



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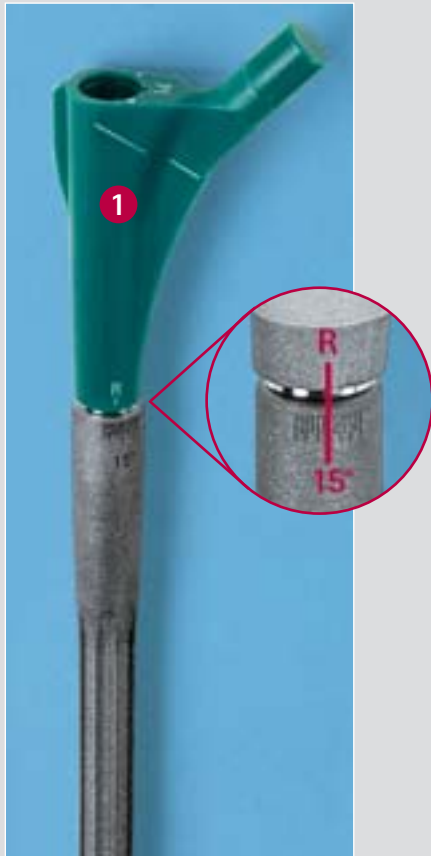


Probereposition mit proximaler Probekomponente

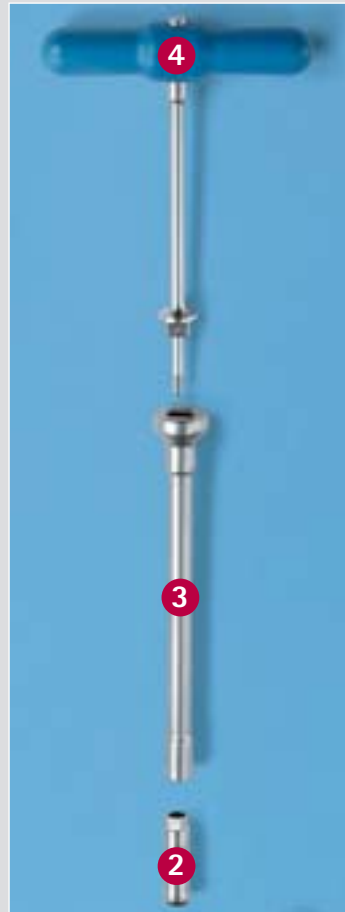
Trial reduction with proximal trial component

nicht sterilisierbar
non-sterilizable

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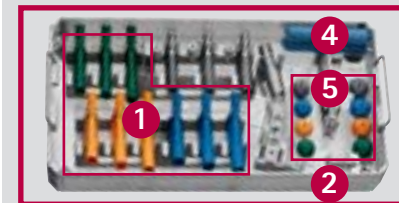
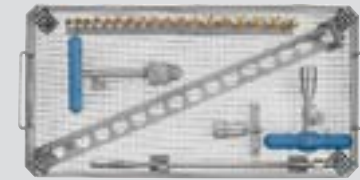
Aufsetzen der prox. Probekomponente
(Beispiel Implantat für rechte Hüfte)
Insertion of the proximal trial implant
(Example implant for right hip)



Befestigen der Probekomponente
Fixation of the trial implant



Probereposition
Trial reduction

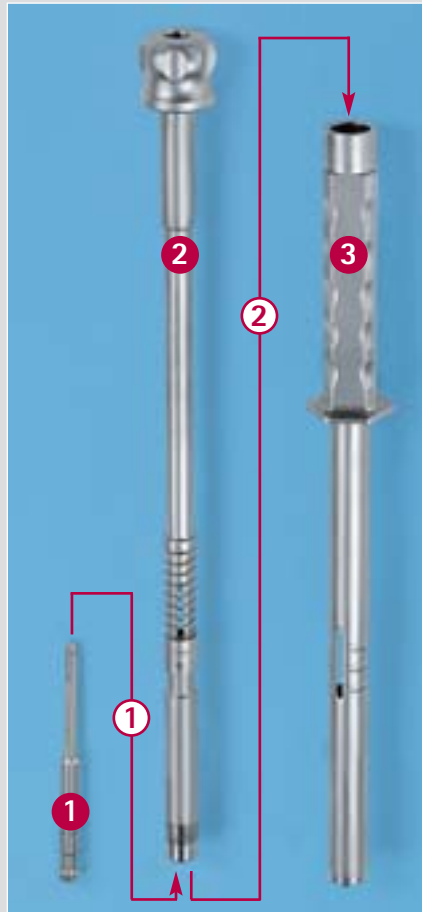


Implantation der proximalen Implantatkomponente

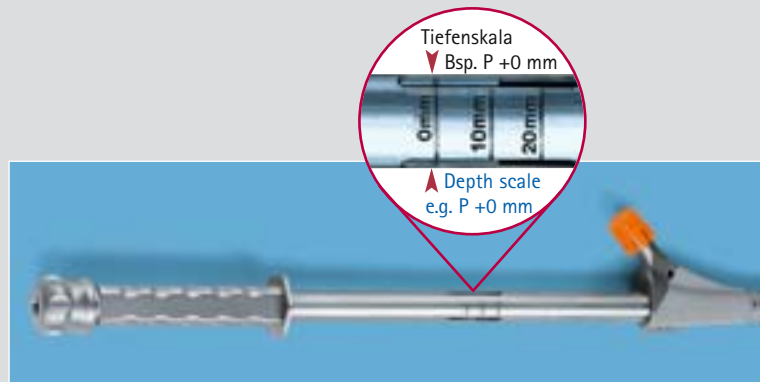
Insertion of the proximal implant component

nicht sterilisierbar
non-sterilizable

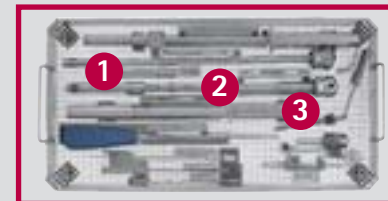
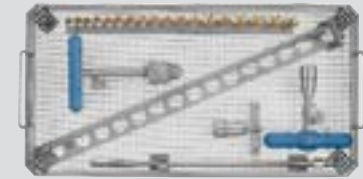
non stérilisable – non sterilizable – no esterilizable



Zusammenbau des prox. Einsetzinstrumentes
Assembly of the insertion instrument



Aufsetzen und Implantation der Implantatkomponente, Implantat intraossär gefügt
Implantation of the proximal prosthesis component, intraosseous joined prosthesis

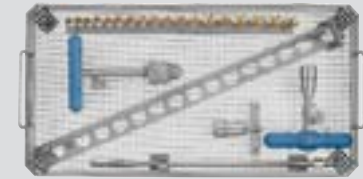
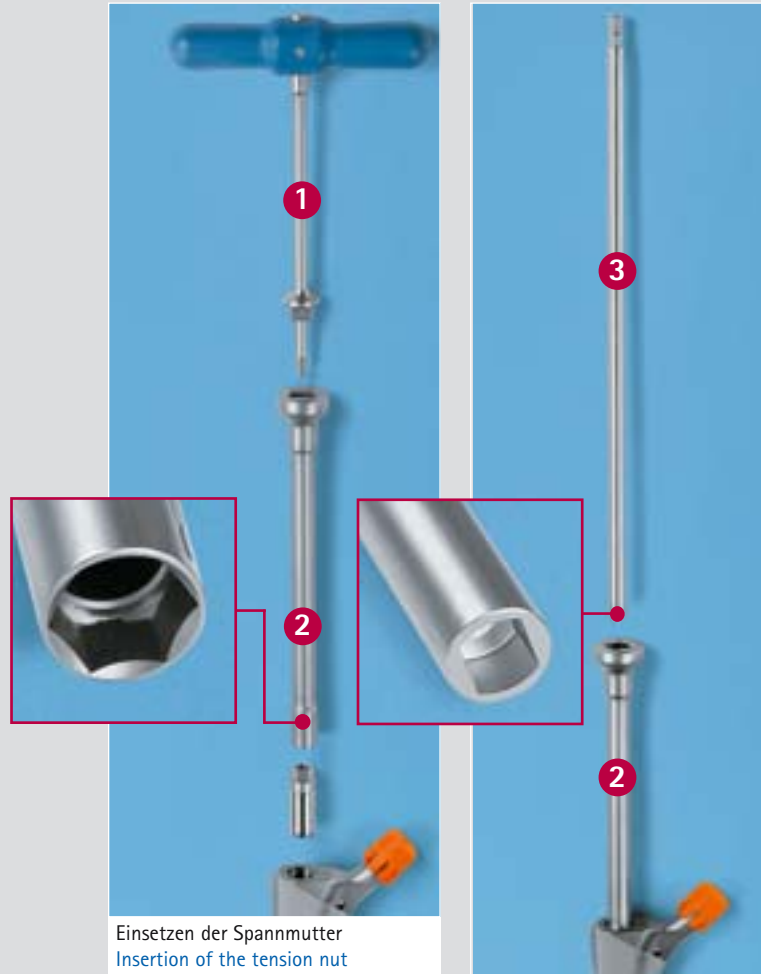


Verspannen der Implantatkomponenten

Joining the implant connection

nicht sterilisierbar
non-sterilizable

non stérilisable – non sterilizable – no esterilizable



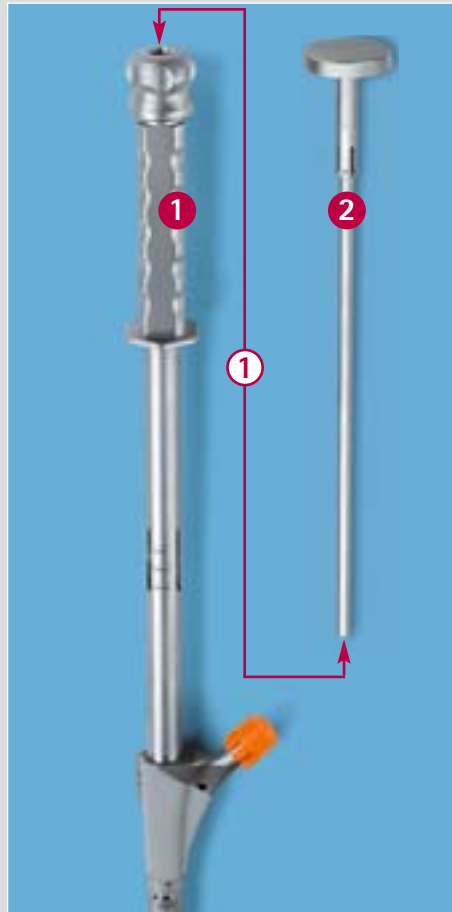


Einsetzen, Probereposition und Verschließen der Prothese

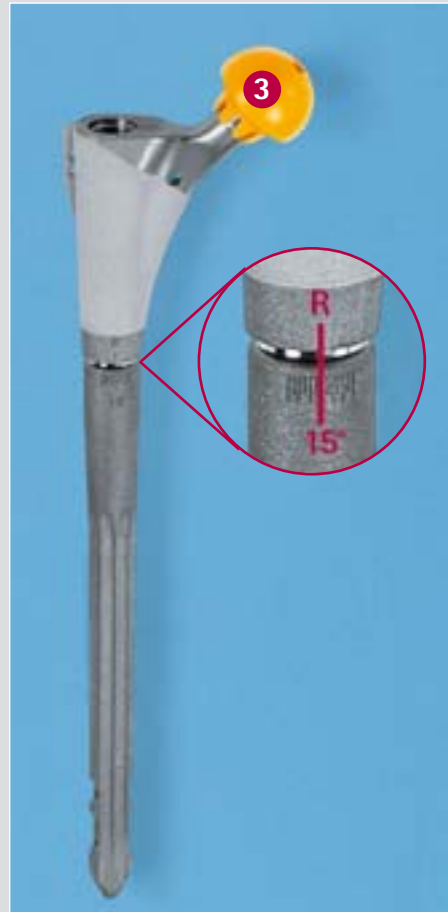
Insertion, trial reduction and closing the prosthesis

nicht sterilisierbar
non-sterilizable

non stérilisable – non sterilizable – no esterilizable



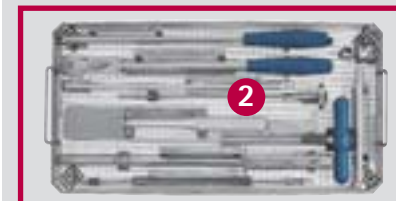
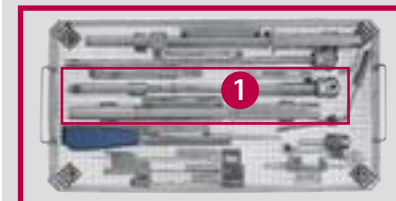
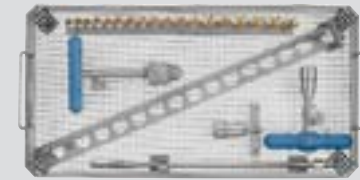
Einsetzen der extraossär gefügten Prothese
Insertion of the extraosseous joined prosthesis



Probereposition (Beispiel Implantat für rechte Hüfte)
Trial reduction (Example implant for right hip)



Einbringen der Verschlußschraube
Insertion of the covering nut

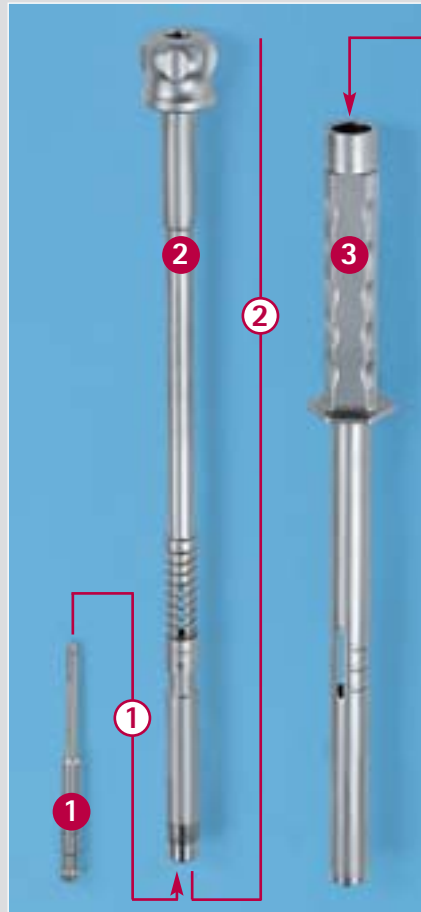


Rückzugsmöglichkeiten: Ausbau der Komponenten

For retrieval: Removing of the implant components

nicht sterilisierbar
non-sterilizable

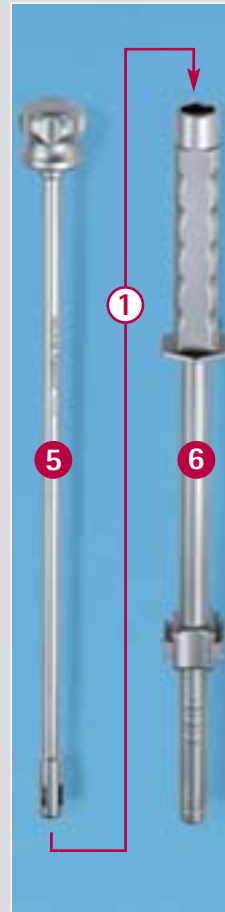
non stérilisable – non sterilizable – no esterilizable



Zusammenbau des prox. Einsetzinstrumentes
Assembly of the insertion instrument



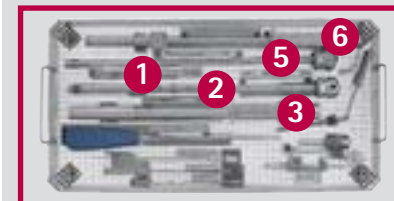
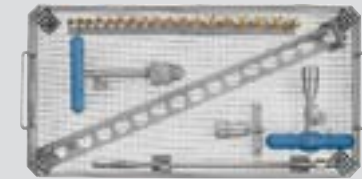
Ausbau Prothesenschaft prox.
und distale Komponente
Remove the proximal and
distal component together



Zusammenbau des dista-
len Einsetzinstrumentes
Assembly of the insertion
instrument for distal implant



Ausbau distale
Prothesenkomponente
Remove the distal implant
component



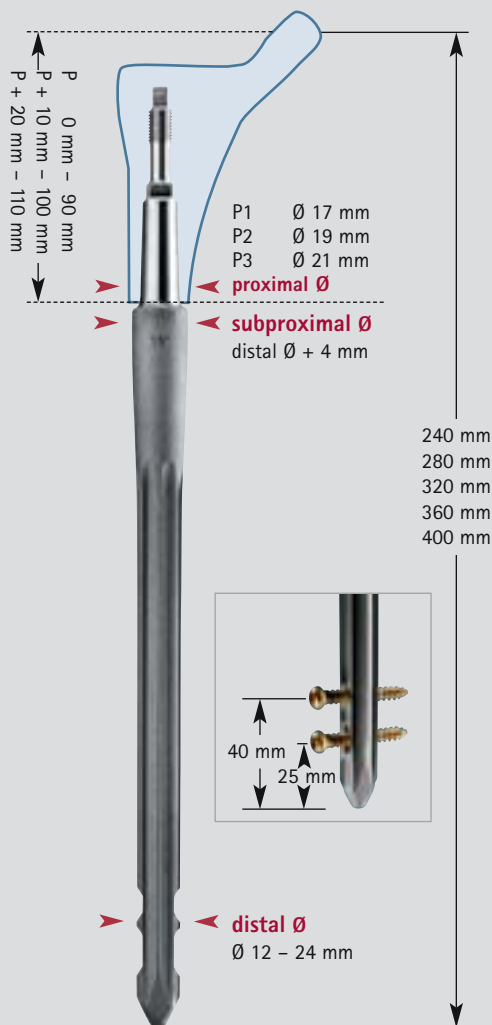


Übersicht Implantatkomponenten

Overview implant components

nicht sterilisierbar
non-sterilizable

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Proximale Implantatkomponente Proximal implant component

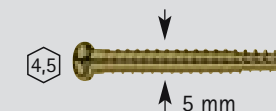
Proximale Implantatkomponenten	+0 mm	+10 mm	+20 mm
Größe P1	NC091T	NC171T	NC181T
Größe P2	NC092T	NC172T	NC182T
Größe P3	NC093T	NC173T	NC183T

Distale Implantatkomponente Distal implant component

	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	Ø 22	Ø 24
Länge 240 mm	NC041T	NC042T					
Länge 280 mm	NC151T	NC152T	NC153T	NC154T	NC155T	NC156T	NC157T
Länge 320 mm	NC161T	NC162T	NC163T	NC164T	NC165T	NC166T	NC167T
Länge 360 mm		NC132T	NC133T	NC134T	NC135T	NC136T	NC137T
Länge 400 mm		NC142T	NC143T	NC144T	NC145T	NC146T	NC147T

Verriegelungsschrauben Interlocking screws

Länge	24 mm	28 mm	32 mm	36 mm	40 mm	44 mm	48 mm	52 mm	56 mm	60 mm
KB424TS	KB428TS	KB432TS	KB436TS	KB440TS	KB444TS	KB448TS	KB452TS	KB456TS	KB460TS	





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SHARING EXPERTISE

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