SURGICAL TECHNIQUE GUIDE

INCLUDING

AGO MED

KING KONG

PLATING SYSTEM 2.5

Made in Germany

INNOVATIVE MEDICAL TECHNOLOGY

EN *Working with AGOMED means working with a company committed to excellence. Our products are German engineered, biocompatible, and cutting-edge. Our team members collectively bring decades of medical technology experience to the table.*

We're reliable. We're flexible. We're inventive.

AGOMED collaborates with distributors, hospitals, and doctors worldwide to create and develop exacting, state-of-the-art solutions for complex surgical problems. We work closely with specialists to insure that our implant systems for Traumatology/Orthopaedics of upper and lower extremities improve the patient's quality of life. Patient safety is always our number one priority.

DE *Mit AGOMED zu arbeiten, bedeutet mit einem Unternehmen zu arbeiten, das sich zur Exzellenz und Hochleistung verpflichtet.*

Unsere Produkte werden von deutschen Ingenieuren entwickelt, sind biokompatibel, innovativ und auf dem neuesten Stand der Technik. Unser Team hat jahrzehntelange Erfahrung im Bereich der Medizintechnik.

Wir sind zuverlässig. Wir sind flexibel. Wir sind innovativ.

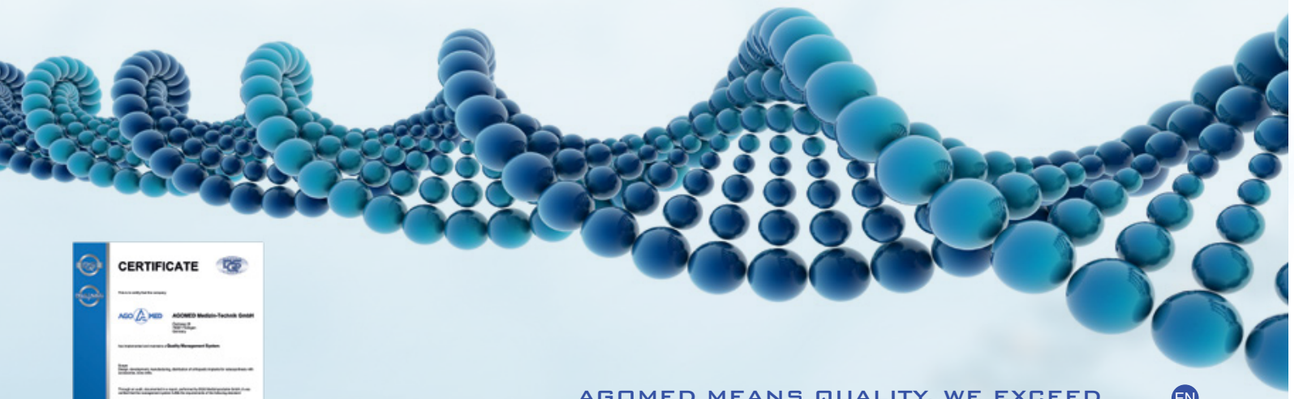
AGOMED arbeitet weltweit mit Unternehmen, Krankenhäusern und Ärzten zusammen, um anspruchsvolle, hochmoderne Lösungen für komplexe chirurgische Probleme zu entwickeln. Wir arbeiten eng mit Spezialisten zusammen, um sicherzustellen, dass unsere Implantat-Systeme für Traumatologie/Orthopädie der oberen und unteren Extremitäten die Lebensqualität der Patienten verbessern. Die Sicherheit der Patienten steht bei uns immer an erster Stelle.

ES *Trabajar con AGOMED significa trabajar con una empresa comprometida con la excelencia. Nuestros productos son diseñados en Alemania, biocompatibles y de vanguardia. Los miembros de nuestro equipo aportan, de manera colectiva, décadas de experiencia en tecnología médica.*

Somos fiables. Somos flexibles. Somos innovadores.

AGOMED colabora con distribuidores, hospitales y doctores a nivel mundial con el objetivo de desarrollar soluciones rigurosas para problemas quirúrgicos complejos con tecnología punta. Cooperamos estrechamente con especialistas para garantizar que nuestros sistemas de implantes y instrumentos para Traumatologia/Ortopedia de las extremidades superiores y inferiores mejoren la calidad de vida de los pacientes. La seguridad de los pacientes siempre es nuestra prioridad.

QUALITY IS PART OF OUR DNA




CERTIFICATE

AGOMED Medizin-Technik GmbH

DIN EN ISO 13485 : 2016 + AC : 2017-07
EN ISO 13485 : 2016 + AC : 2018
ISO 13485 : 2016

DIN EN ISO 13485

AGOMED MEANS QUALITY. WE EXCEED DIN EN ISO 13485 STANDARDS. ALL OUR PRODUCTS BEAR THE CE MARK.

EN


EC-CERTIFICATE
(Full quality assurance system)

AGOMED Medizin-Technik GmbH

CE CERTIFICATE

AGOMED BEDEUTET QUALITÄT. WIR SIND ZERTIFIZIERT NACH DIN EN ISO 13485. ALLE UNSERE PRODUKTE TRAGEN DAS CE ZEICHEN.

DE

AGOMED ES SINÒNIMO DE CALIDAD. SUPERAMOS LOS ESTÁNDARES DIN EN ISO 13485. TODOS LOS PRODUCTOS LLEVAN EL SIGNO CE.

ES

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KING KONG
PLATING SYSTEM 2.5

LARGE SET S1464

SMALL SET S1486

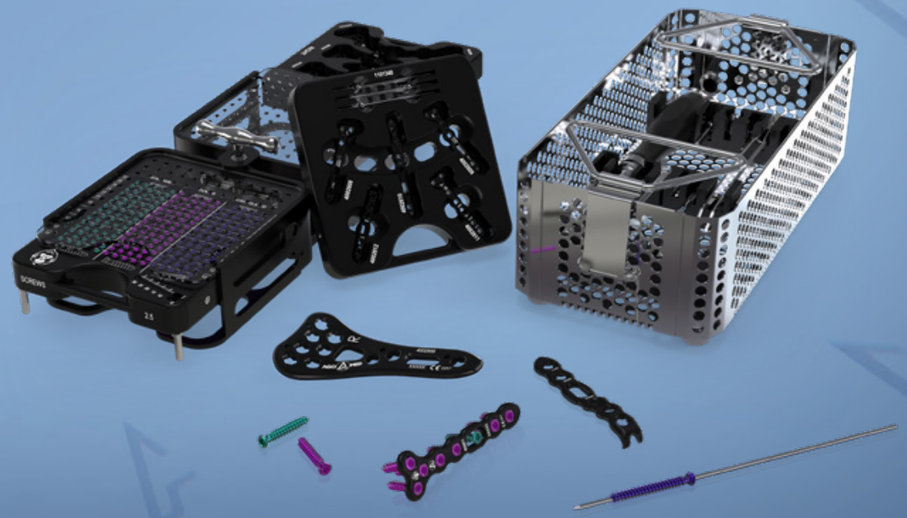


PLATE FEATURES

ROUNDED EDGES & A SMOOTH SURFACE

FOR SOFT TISSUE PROTECTION

2 DISTAL SCREW ROWS

PROVIDE OPTIMAL SUPPORT OF THE ARTICULAR SURFACE

TRIPLE CHAMFERED PLATE EDGE

- VERY DISTAL PLATE POSITIONING POSSIBLE
- IMPROVED ANATOMICAL FIT ADAPTED TO THE VOLAR ASPECT OF THE DISTAL RADIUS
- MULTIDIRECTIONAL ANGULAR STABILITY OF ± 20° IN ALL DIRECTIONS IN EACH SCREW HOLE

ANATOMICALLY PRE-CONTOURED PLATE DESIGN

LOW PLATE PROFILE

1.5 MM

DRILLING SLEEVES

ARE ALREADY PROVIDED INTO THE SCREW HOLES TO ENSURE SAFE AND EASY DRILLING

COMPUTATIONAL FLUID DYNAMICS (CFD)

A PERFECTLY STREAMLINED SHAPE OF THE PLATE WAS OBTAINED THROUGH COMPUTATIONAL FLUID DYNAMICS WHICH IS USED IN AEROSPACE AND AUTOMOTIVE TECHNOLOGIES. THE DESIGN OF PLATES ENSURES THE FLOW LINES FOLLOW A SMOOTH TRAJECTORY, WITHOUT ABRUPT CHANGES IN DIRECTION

A PERFECTLY STREAMLINED SHAPE

ALL OUR PLATES HAVE A MINIMAL EFFECT ON THE MUSCLES AND DO NOT CAUSE PERCEPTIBLE DISCOMFORT DURING MOVEMENT

PLATE FEATURES

HOOK PLATE

SPECIALLY MADE TO PREVENT OR TREAT NON-UNIONS AT THE ULNAR STYLOID

POINTED HOOKS GRIP

THE STYLOID PROCESS AND ACT AS REFERENCE POINT FOR PLATE APPLICATION

ULNAR HOOK PLATE

FOR CAPITAL AND SUBCAPITAL FRACTURES AND NON-UNIONS OF THE DISTAL ULNA

FOR DOUBLE PLATING TECHNIQUE

IN DORSALLY DISPLACED FRACTURES

DORSAL PLATE

RADIAL PLATE

ANATOMICALLY PRE-CONTOURED

RADIAL PLATE

LOW PLATE PROFILE

1.5 MM

- STABILIZES RADIAL COLUMN AND MAY BE USED FOR OTHER SMALL BONES
- EASILY CONTOURABLE TO PROVIDE THE DESIRED FIT

ULNAR PLATE DORSAL PLATE

OBLONG HOLE & K-WIRE HOLES

AID IN PLATE POSITIONING

CLINICAL BENEFITS

K-WIRE HOLES

TO ASSIST WITH TEMPORARY PLATE FIXATION

WATERSHED LINE

ENHANCES PLACEMENT OF THE PLATE AND REDUCES THE RISK OF TENDON IRRITATIONS

FIRST DISTAL SCREW ROW

FOR SUPPORT OF THE CENTRAL ASPECT OF THE RADIOCARPAL JOINT

SECOND DISTAL SCREW ROW

PROVIDES STABILIZATION OF THE DORSAL RIM

MULTI-DIRECTIONAL SCREWS

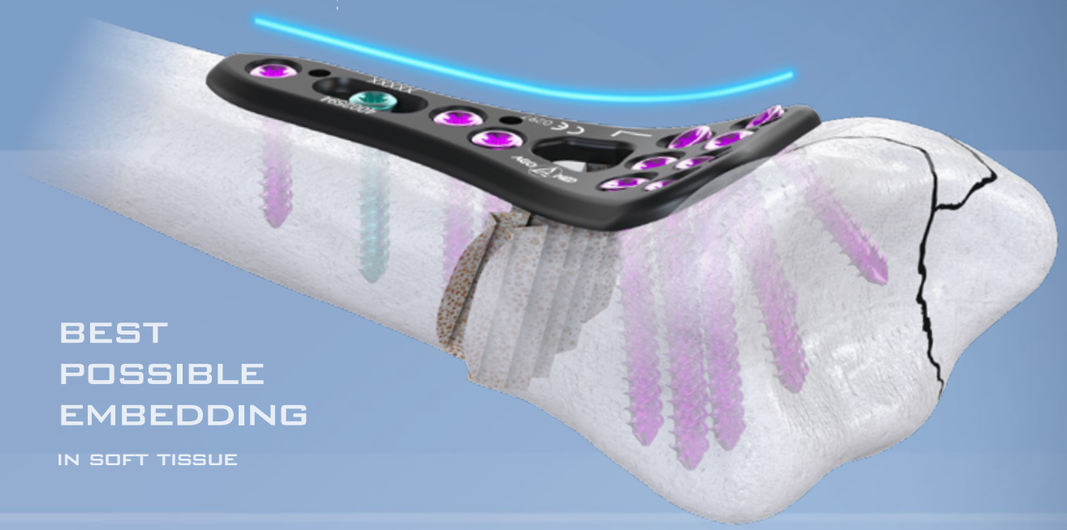
LOCKING WITH A RANGE OF 20° OFFERS FRACTURE SPECIFIC PLATE FIXATION

SURFACE

TYPE II ANODIZATION (DOTIZE®) PROVIDES SMOOTH SURFACE, HIGHER FATIGUE RESISTANCE AND MINIMIZES THE RISK OF COLD-WELDING

ANATOMICAL PLATE DESIGN

SUPPORTS REDUCTION OF COMPLEX FRACTURES AND MINIMIZES THE NEED OF CONTOURING



BEST POSSIBLE EMBEDDING

IN SOFT TISSUE

- Ø 2.5 MM SCREWS CONSISTENT SCREW DIAMETER FOR ALL PLATES SIMPLIFIES THE INSTRUMENTS FOR EASE-OF-USE
- SCREWDRIVER TX7 FACILITATE SCREW INSERTION WITH SELF-HOLDING PROPERTIES AND SCREW REMOVAL WITH OPTIMUM TORQUE TRANSMISSION

ALL PLATES ARE AVAILABLE WITH & WITHOUT DRILLING SLEEVES

XXXXXXX*

NUMBERS FOR PLATES COME WITH DRILLING SLEEVES

XXXXXXX

NUMBERS FOR PLATES WITHOUT DRILLING SLEEVES

ADVANTAGES OF THE SCREWS

TAPERED SCREW HEAD

WITH DOUBLE THREAD PRODUCES A GRADUAL LOCKING EFFECT THAT PROMOTES A MORE SECURE SCREW INSERTION AND IMPROVED CONTOURING OF PLATE TO THE BONE

2X FASTER INSERTION WITH DOUBLE LEAD THREADS

ATRAUMATIC BLUNT TIP DESIGN

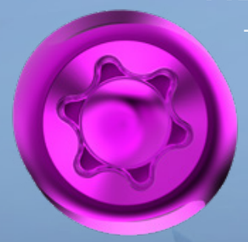
THE SCREW TIP CREATED AS TO BE MINIMALLY DAMAGING UPON INSERTION AS IN BICORTICAL FIXATION PROCEDURES

IMPROVED 6 HOLES SHAPE

IMPROVES THREADING CAPABILITIES OF THE LOCKING SCREW HEAD TO THE PLATE, EVEN IN OFF-AXIS CONFIGURATIONS

VARIABLE ANGLE LOCKING ± 20°

HEXALOBE DRIVE



THE SHAPE ENHANCES THE TORQUE THAT CAN BE APPLIED DURING INSERTION WHILE AT THE SAME TIME DECREASING THE CHANCES OF HEAD STRIPPING

ORDERING INFORMATION

KING TITANIUM PLATES / *KING TITANPLATTEN* / *PLACAS DE TITANIO KING*

NARROW / SCHMAL / ESTRECHA 1.5 mm

4002594
4-holes, small, palmar, left
4-loch, klein, palmar, links
4-agujeros, pequeña, palmar, izquierda

4002595
4-holes, small, palmar, right
4-loch, klein, palmar, rechts
4-agujeros, pequeña, palmar, derecha

4002594*
4-holes, small, palmar, left
4-loch, klein, palmar, links
4-agujeros, pequeña, palmar, izquierda

4002595*
4-holes, small, palmar, right
4-loch, klein, palmar, rechts
4-agujeros, pequeña, palmar, derecha

4002596
5-holes, medium, palmar, left
5-loch, mittel, palmar, links
5-agujeros, mediana, palmar, izquierda

4002597
5-holes, medium, palmar, right
5-loch, mittel, palmar, rechts
5-agujeros, mediana, palmar, derecha

4002596*
5-holes, medium, palmar, left
5-loch, mittel, palmar, links
5-agujeros, mediana, palmar, izquierda

4002597*
5-holes, medium, palmar, right
5-loch, mittel, palmar, rechts
5-agujeros, mediana, palmar, derecha

4002598
6-holes, large, palmar, left
6-loch, groß, palmar, links
6-agujeros, grande, palmar, izquierda

4002599
6-holes, large, palmar, right
6-loch, groß, palmar, rechts
6-agujeros, grande, palmar, derecha

4002598*
6-holes, large, palmar, left
6-loch, groß, palmar, links
6-agujeros, grande, palmar, izquierda

4002599*
6-holes, large, palmar, right
6-loch, groß, palmar, rechts
6-agujeros, grande, palmar, derecha

ADDITIONAL AIMING DEVICE / ZIEL GERÄT / BLOQUES GUÍA (ÁNGULO FIJO)

1008054
Narrow, left
Schmal, links
Estrecha, izquierda

1008055
Narrow, right
Schmal, rechts
Estrecha, derecha

KONG TITANIUM PLATES / KONG TITANPLATTEN / PLACAS DE TITANIO KONG

BROAD / BREIT / ANCHA 1.5 mm

4002600
4-holes, small, palmar, left
4-loch, klein, palmar, links
4-agujeros, pequeña, palmar, izquierda

4002601
4-holes, small, palmar, right
4-loch, klein, palmar, rechts
4-agujeros, pequeña, palmar, derecha

4002600*
4-holes, small, palmar, left
4-loch, klein, palmar, links
4-agujeros, pequeña, palmar, izquierda

4002601*
4-holes, small, palmar, right
4-loch, klein, palmar, rechts
4-agujeros, pequeña, palmar, derecha

4002602
5-holes, medium, palmar, left
5-loch, mittel, palmar, links
5-agujeros, mediana, palmar, izquierda

4002603
5-holes, medium, palmar, right
5-loch, mittel, palmar, rechts
5-agujeros, mediana, palmar, derecha

4002602*
5-holes, medium, palmar, left
5-loch, mittel, palmar, links
5-agujeros, mediana, palmar, izquierda

4002603*
5-holes, medium, palmar, right
5-loch, mittel, palmar, rechts
5-agujeros, mediana, palmar, derecha

4002604
6-holes, large, palmar, left
6-loch, groß, palmar, links
6-agujeros, grande, palmar, izquierda

4002605
6-holes, large, palmar, right
6-loch, groß, palmar, rechts
6-agujeros, grande, palmar, derecha

4002604*
6-holes, large, palmar, left
6-loch, groß, palmar, links
6-agujeros, grande, palmar, izquierda

4002605*
6-holes, large, palmar, right
6-loch, groß, palmar, rechts
6-agujeros, grande, palmar, derecha

ADDITIONAL AIMING DEVICE / ZIEL GERÄT / BLOQUES GUÍA (ÁNGULO FIJO)

1008056
Broad, left
Breit, links
Ancha, izquierda

1008057
Broad, right
Breit, rechts
Ancha, derecha

KING KONG TITANIUM PLATES / *KING KONG TITANPLATTEN* / *PLACAS DE TITANIO KING KONG*

LONG / LANGE / LARGA 2.0 mm

4002614
7-holes, L, narrow, palmar left
7-loch, L, schmal, palmar, links
7-agujeros, L, estrecha, palmar, izquierda

4002613
7-holes, L, narrow, palmar right
7-loch, L, schmal, palmar, rechts
7-agujeros, L, estrecha, palmar, derecha

4002614*
7-holes, L, narrow, palmar left
7-loch, L, schmal, palmar, links
7-agujeros, L, estrecha, palmar, izquierda

4002613*
7-holes, L, narrow, palmar right
7-loch, L, schmal, palmar, rechts
7-agujeros, L, estrecha, palmar, derecha

4002606
11-holes, XL, narrow, Palmar left
11-loch, XL, schmal, palmar, links
11-agujeros, XL, estrecha, palmar, izquierda

4002607
11-holes, XL, narrow, Palmar right
11-loch, XL, schmal, palmar, rechts
11-agujeros, XL, estrecha, palmar, derecha

4002606*
11-holes, XL, narrow, Palmar left
11-loch, XL, schmal, palmar, links
11-agujeros, XL, estrecha, palmar, izquierda

4002607*
11-holes, XL, narrow, Palmar right
11-loch, XL, schmal, palmar, rechts
11-agujeros, XL, estrecha, palmar, derecha

ADDITIONAL AIMING DEVICE / ZIEL GERÄT / BLOQUES GUÍA (ÁNGULO FIJO)

1008058
L / XL, narrow, left
L / XL, schmal, links
Estrecha L / XL, izquierda

1008059
L / XL, narrow, right
L / XL, schmal, rechts
Estrecha L / XL, derecha

KING KONG TITANIUM PLATES / KING KONG TITANPLATTEN / PLACAS DE TITANIO KING KONG

HOOK 1.5 mm

4002612
6-holes, hook
6-loch, hacken
6-agujeros, gancho

4002612*
6-holes, hook
6-loch, hacken
6-agujeros, gancho

SAMPLE INDICATION:

- *Fractures and Osteotomies of the distal ulna*

STRAIGHT / GERADE / RECTA 1.5 mm

4002610
6-holes
6-loch
6-agujeros

4002610*
6-holes
6-loch
6-agujeros

L FORM 1.5 mm

4002609
2/4-holes, right
2/4-loch, rechts
2/4-agujeros, derecha

4002608
2/4-holes, left
2/4-loch, links
2/4-agujeros, izquierda

4002609*
2/4-holes, right
2/4-loch, rechts
2/4-agujeros, derecha

4002608*
2/4-holes, left
2/4-loch, links
2/4-agujeros, izquierda

T FORM 1.5 mm

4002632
7-holes
7-loch
7-agujeros

4002611
8-holes
8-loch
8-agujeros

4002633
10-holes
10-loch
10-agujeros

4002632*
7-holes
7-loch
7-agujeros

4002611*
8-holes
8-loch
8-agujeros

4002633*
10-holes
10-loch
10-agujeros

ATRAUMATIC FRAME TITANIUM PLATES / ATRAUMATISCHE RAHMENPLATTE / MARCO ATRAUMÁTICO DORSAL DE TITANIO

SAMPLE INDICATION:

- *Multiple fractures on the distal radius with dorsal incision*

1.5 mm

4002615
14-holes, size 1, right
14-loch, groesse 1, rechts
14-agujeros, tamaño 1, derecha

4002616
14-holes, size 1, left
14-loch, groesse 1, links
14-agujeros, tamaño 1, izquierda

4002617
14-holes, size 2, right
14-loch, groesse 2, rechts
14-agujeros, tamaño 2, derecha

4002618
14-holes, size 2, left
14-loch, groesse 2, links
14-agujeros, tamaño 2, izquierda

Atraumatic frame titanium plates are available with drilling sleeves (4002615, 4002616*, 4002617*, 4002618*)*

TITANIUM SCREWS 2.5 / TITANSCHRAUBEN 2.5 / TORNILLOS DE TITANIO 2.5

Length /
Länge /
Longitud

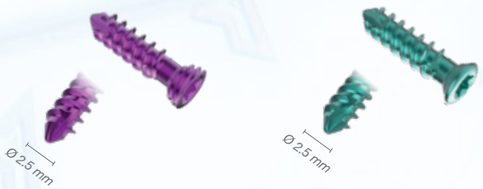
Multidirectional, Locking, TX 7 /
Multidirectional, Winkelstabil, TX 7 /
Multidirectional, Cabeza roscada, TX 7

Self-tapping, Standard, TX 7 /
Selbstschneidend, Standard, TX 7 /
Autoroscantes, Estandar TX 7

- Double Thread
- 200 % Faster implantation

L	∅ 2.5 mm	∅ 2.5 mm	Pack/Pack/Paq.
10 mm	**5028010**	**5028110**	**5**
11 mm	**5028011**	**5028111**	**5**
12 mm	**5028012**	**5028112**	**5**
13 mm	**5028013**	**5028113**	**5**
14 mm	**5028014**	**5028114**	**5**
15 mm	**5028015**	**5028115**	**5**
16 mm	**5028016**	**5028116**	**5**
17 mm	**5028017**	**5028117**	**5**
18 mm	**5028018**	**5028118**	**5**
19 mm	**5028019**	**5028119**	**5**
20 mm	**5028020**	**5028120**	**5**
21 mm	**5028021**	**5028121**	**5**
22 mm	**5028022**	**5028122**	**5**
23 mm	**5028023**	**5028123**	**5**
24 mm	**5028024**	**5028124**	**5**
25 mm	**5028025**	**5028125**	**5**
26 mm	**5028026**	**5028126**	**5**
27 mm	**5028027**	**5028127**	**5**
28 mm	**5028028**	**5028128**	**5**
29 mm	**5028029**	**5028129**	**5**
30 mm	**5028030**	**5028130**	**5**

Drill-ø 2.0 mm



CANNULATED TITANIUM SCREWS 2.5 / KANÜLIERTE TITANSCHRAUBEN 2.5 / TORNILLOS DE TITANIO CANULADO 2.5

Length /
Länge /
Longitud

Full thread, Locking, TX 7 /
Vollgewinde, Winkelstabil, TX 7 /
Rosca total, Cabeza roscada, TX 7

L	∅ 2.5 mm	Pack/Pack/Paq.
10 mm	**5028210**	**5**
11 mm	**5028211**	**5**
12 mm	**5028212**	**5**
13 mm	**5028213**	**5**
14 mm	**5028214**	**5**
15 mm	**5028215**	**5**
16 mm	**5028216**	**5**
17 mm	**5028217**	**5**
18 mm	**5028218**	**5**
19 mm	**5028219**	**5**
20 mm	**5028220**	**5**
21 mm	**5028221**	**5**
22 mm	**5028222**	**5**
23 mm	**5028223**	**5**
24 mm	**5028224**	**5**
25 mm	**5028225**	**5**
26 mm	**5028226**	**5**
27 mm	**5028227**	**5**
28 mm	**5028228**	**5**
29 mm	**5028229**	**5**
30 mm	**5028230**	**5**

Drill-ø 2.0 mm

K-wire-ø 1.1 mm

OPERATION TECHNIQUE

INDICATIONS

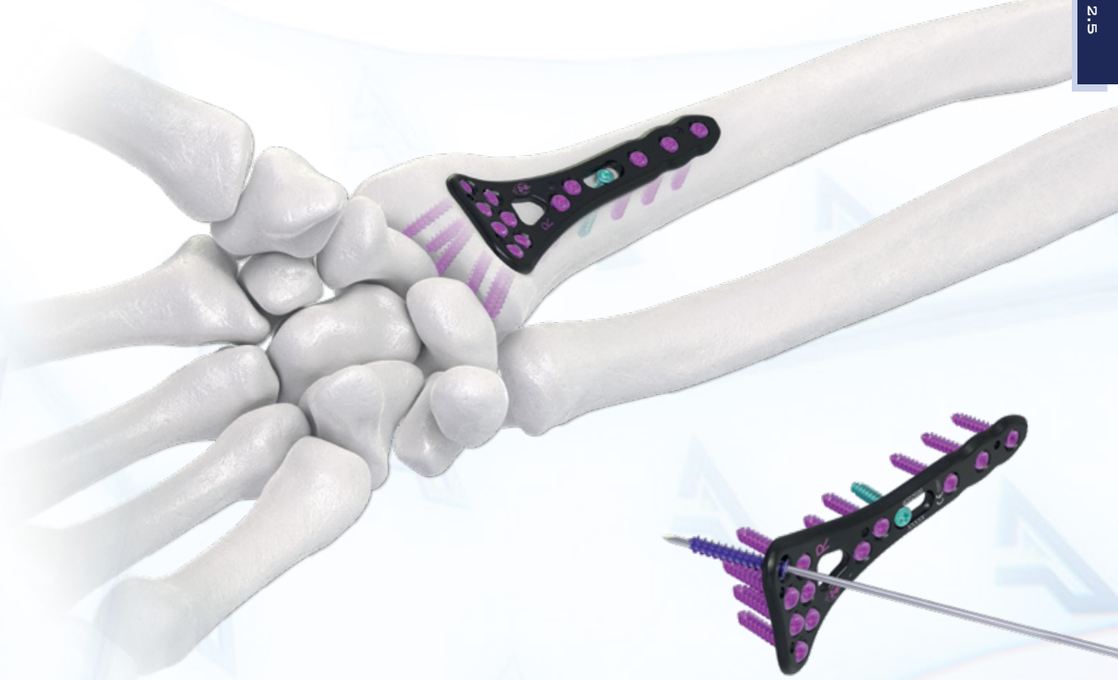
- *Fixation of complex intra- and extra-articular fractures and osteotomies of the distal radius*
- *Fractures and osteotomies of the distal ulna*
- *Correction osteotomies*

CONTRAINDICATIONS

- *Infection or inflammation (local or systemic)*
- *Allergies to the implant material*
- *Acute or chronic osteomyelitis at or close to the surgical field*
- *Insufficient soft tissue coverage*
- *Severe soft tissue swelling compromising normal wound healing*
- *Unacceptably high anesthesia risk*
- *Fractures in children and adolescents with epiphyseal plates that are not yet ossified*

SAMPLE INDICATION:

• Fixation of complex intra- and extra-articular fractures and osteotomies of the distal radius



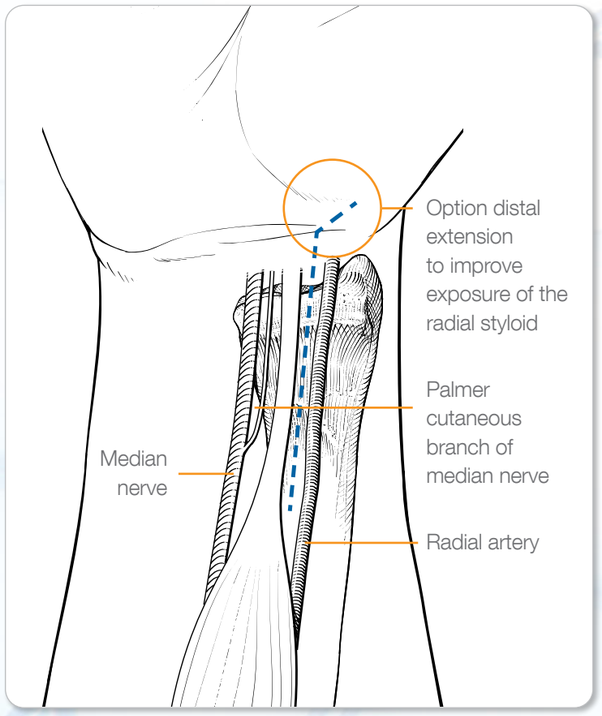
OPERATION TECHNIQUE
OPTION WITH SMALL GUIDE SLEEVES

Preoperative planning

- *In addition to taking standard X-rays in A/P and sagittal planes in neutral position of the wrist, a high-resolution computer tomography should be conducted for the further clarification of intra-articular fractures.*

Patient Positioning

- *Place the patient in the supine position with the hand and arm on a hand table, preferably radiolucent for fluoroscopic imaging. The elbow should be fully extended and in full supination and under tourniquet control.*
- *A cloth roll can be placed underneath the wrist as a reduction aid.*



Incision

- *Make a longitudinal incision slightly radial to the flexor carpi radialis tendon (FCR).*

Soft tissue preparation / Exposure of the radius

- *Retract the FCR tendon toward the ulna while protecting the median nerve. Dissect through the floor of the FCR sheath, protecting the radial artery radially, exposing the pronator quadratus. Release the pronator quadratus radially to ulnarly by sharply incising over the watershed line and proximally on the lateral edge of the radius.*
- *Elevate the PQ to expose the volar surface of the radius. The origin of the flexor pollicis longus (FPL) muscle can be partially released if needed for added exposure.*

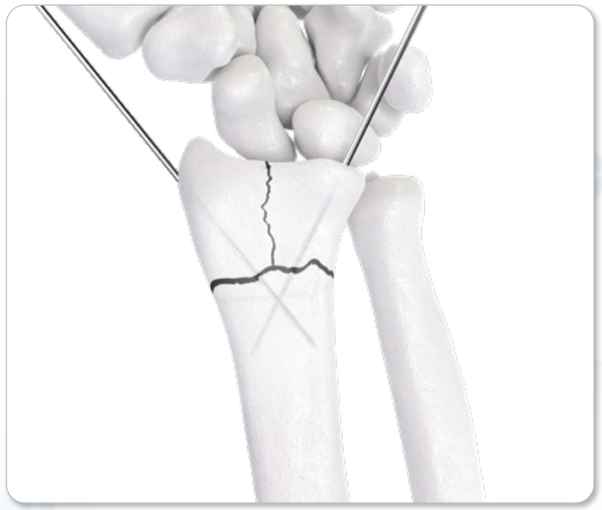
Precaution:
Leave the volar wrist capsule intact to avoid devascularization of the fracture fragments and destabilization of the volar wrist ligaments.

Fracture Reduction

Before Plating:

- *Reduce the fracture using the preferred reduction technique under fluoroscopic imaging. The reduction method will be fracture specific.*
- *Insert K-wires to hold the reduction.*
- *If needed, K-wires can be inserted parallel to the subchondral bone to reconstruct the articular surface. Ensure that K-wires are placed in locations which will not impede proper plate placement and fixation.*
- *Confirmed under fluoroscopy in AP and lateral views.*

STEP 1



- ***Insertion of the plate***
  Select the plate according to fracture type and radial anatomy. To conform different fracture types, bone dimensions and bone qualities, a choice of narrow and broad volar plates is offered to the surgeon.
- *The plate is designed to sit along the distal aspect of the radius to support the volar articular fracture fragments and just proximal to the watershed line to minimize tendon irritation.*

  The plate can be adjusted proximal or distal through the use of the oblong hole.
- *Particular emphasis must be placed on restoration of the correct length correlation between radius and ulna, elimination of any steps in the radial joint surface, and compensation of any radial offset or malrotation of the distal fragment since otherwise this might restrict the postoperative range of motion.*

Note:
If necessary, insert K-wires ø1.4 through the plate to preliminarily fixate it. K-wire holes are in the distal and the shaft part of the plate. They may help to preliminarily fixate the result of reduction, depending on the fracture pattern.

Plate Bending

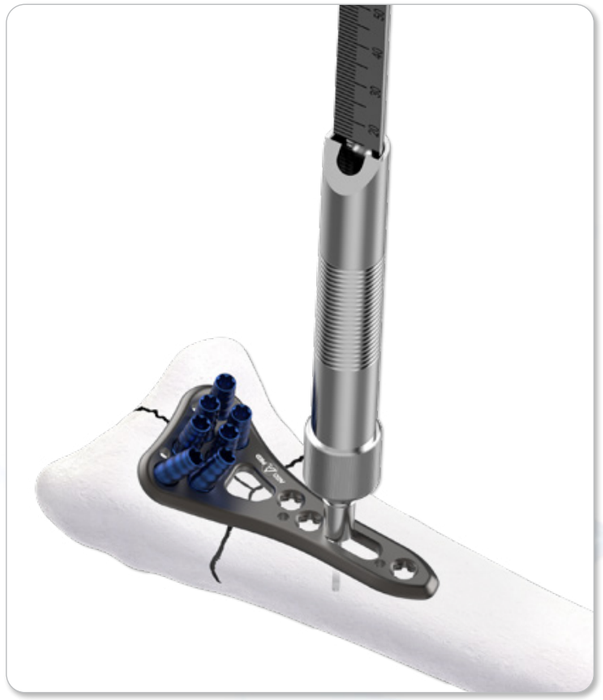
- *If required, the frame plates, the small fragment plates, the hook plates and the distal ulna plates can be bent with the plate bending pliers.*
- *The labeled side of the plate must always face upwards when inserting the plate into the bending pliers.*
- *While bending, the plate must always be held at two adjacent holes to prevent contour deformation of the intermediate plate hole.*

Note:
Do not bend the plate by more than 30°. Bending the plate further may deform the plate holes and may cause the plate to break postoperatively.

STEP 2

- ***Drilling the core hole***
  After fracture reduction, the first borehole is made into the slotted hole of the shaft using the drill guide and the twist drill ø2.0.

STEP 3



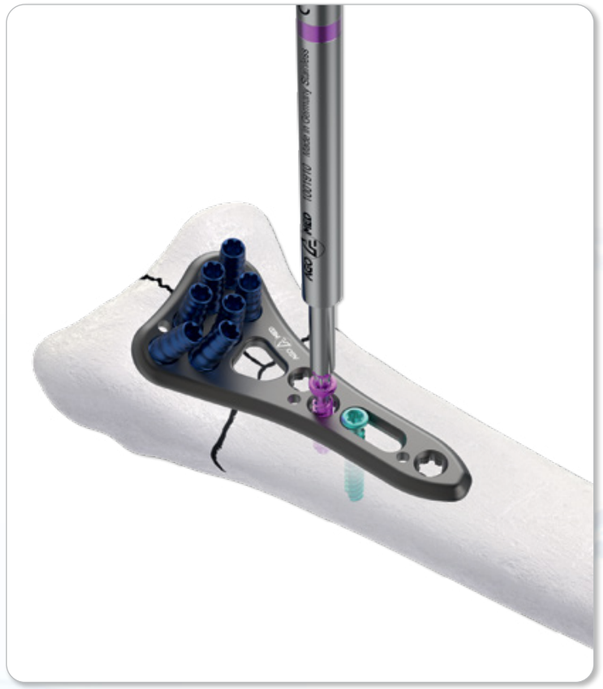
- ***Determination of the screw length***
  Measure screw length using the depth gauge.
- ***Insertion of the first shaft screw***
  Insert a non-locking screw ø2.5 into the oblong shaft hole, using the self-retaining TX7 screwdriver.

Note:
Positioning slot only accepts non-locking screw ø2.5.

- *Confirm plate position by fluoroscopy in A/P and lateral views. Particularly consider correct placement of the distal part of the plate and the alignment of the plate shaft. Adjust improper plate position if required.*
- *If necessary, the result has to be corrected and the plate displaced in longitudinal and/or lateral direction. The screw has to be loosened for this purpose.*

Note:
To avoid contact with flexor tendons, the plate must be applied just proximal to and below the watershed line.

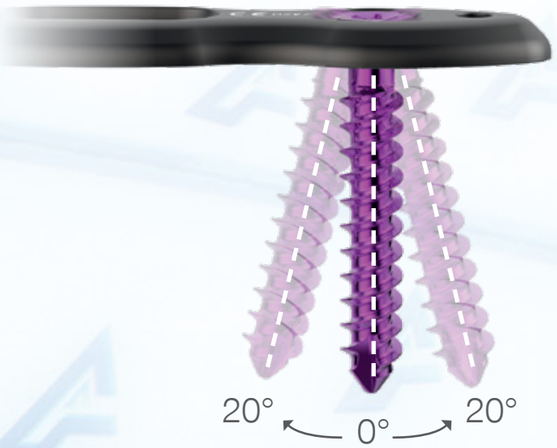
STEP 4



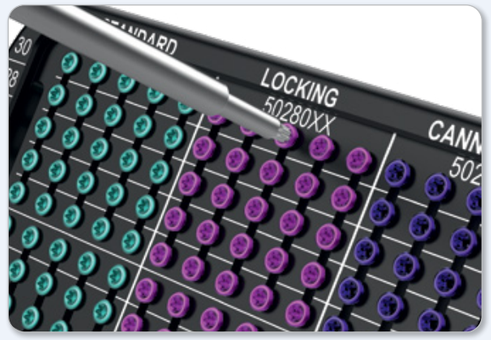
- ***Insertion of another shaft screw***
  In order to be able to absorb optimally the forces in the shaft region during reduction, it is advisable to insert another shaft screw, a locking screw, prior to the reduction, ensuring that the plate is positioned correctly.
- *Place a locking screw ø2.5 into the hole using the drill guide and a drill ø2.0.*

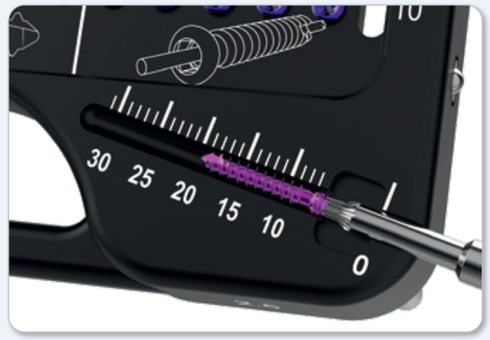
Note:
The screwable drill-guide (1008065) can be locked with a clockwise turn in the holes of the plate. It thus performs all of the functions of a drill guide without the need to be held. ***(see step 7)***

- *Locking screws may be inserted fixed-angled (0°) or with variable angle. An off-center angle exceeding 20° is not recommended as it may prevent the screw from locking correctly into the plate and entail screw loosening.*
- *Except for the oblong hole, all other plate holes can accommodate locking as well as non-locking screws with an angulation of up to 20° off-axis.*
- *The tips of the screws should not protrude beyond the dorsal cortex since otherwise this might injure the extensor tendons. As the screws are supplied in 2 mm increments, the ideal screw length corresponding to the measurement result may not be available. Therefore, select the screw with the next shorter length.*



Note:
When combining locking and non-locking screws always insert the non-locking screw first, in order to pull the plate to the bone.





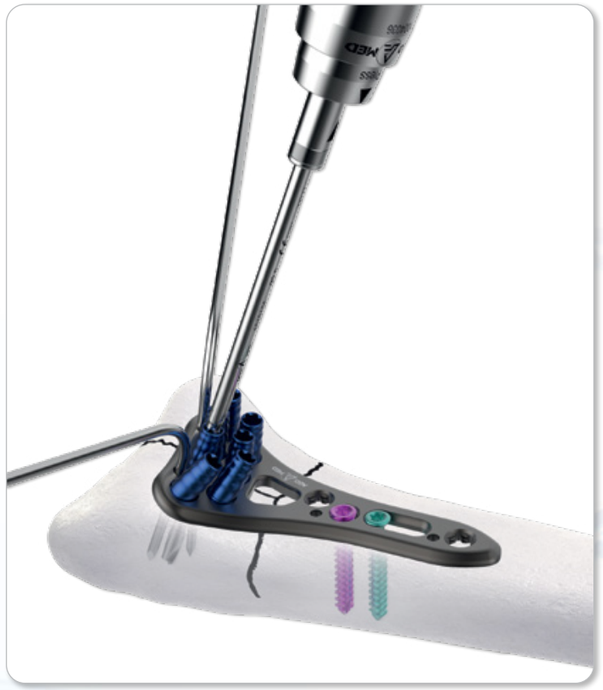
- *To remove the screws from the implant container, insert the appropriate screwdriver perpendicularly into the screw head of the desired screw.*
- *Vertically extract the screw from the compartment.*
- *Check the screw length at the scale of the measuring module.*

STEP 5

- *The fracture reduction can be fixed with temporary K-wires through the distal holes.*
- *The K-wires can be positioned in such a way that the position of the plate to the distal radioulnar joint as well as to the radiocarpal joint can be checked simultaneously.*

Note:
The K-wires can be positioned through the small drill sleeves, by using the sleeve reduction guide (1008069)

STEP 6



- ***Distal plate fixation***
  Drill the first core holes (Ø 2.0 mm) for the locking screws (Ø 2.5 mm) and measure the screw length.
- *Facilitate fixed angle drilling by using blue small drill sleeves, mounted onto the plate.*
- *Drill to the desired depth with a drill ø2.0.*
- *Check with fluoroscopy.*

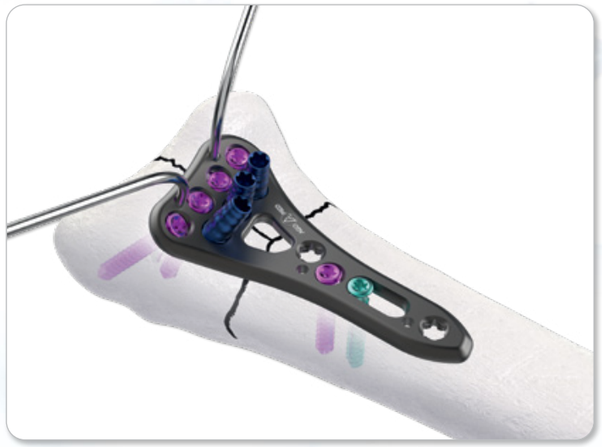
Note:
The instruments are offered for ***multidirection screw fixation:*** *a threaded funnel-shaped version (1008041) and drill-guides (1008040 & 1008066). They must be used without blue small drill sleeves* ***(see page 42).***

- *Remove the small drill sleeve, determine screw length with the depth gauge.*
- *The ideal screw length for the assigned drill hole can be read on the scale of the depth gauge.*

Note:
The depth gauge caliper has a hooked tip that is either inserted to the bottom of the hole or is used to catch the far cortex of the bone.

- *Insert an appropriate length locking screw using the TX7 screwdriver stem adjusting.*

Note:
Do not overtighten the screw.

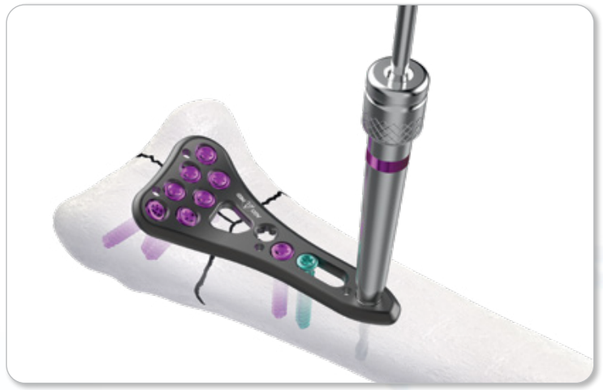


- *Using the 2.0 mm bit, drilling by using blue small drill sleeves in series all remaining available holes.*
- *Remove the blue small drill sleeves, determine screw length with the depth gauge.*
- *Insert an appropriate length locking screw, using the TX7 screwdriver stem adjusting until final tightening.*

Note:
Each hole should be prepared sequentially.

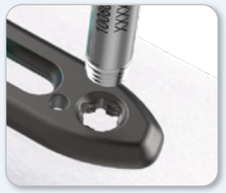
- *Insert further screws according to fracture pattern. It is recommended to fully accommodate the distal screw row and place screws in the second row.*
- *Once all distal screws have been inserted, remove the K-wires.*

STEP 7



- *The most proximal plate hole should be preferred when securing the plate shaft with not less than 2 locking screws.*
- *Insert the screwable drill-guide (1008065) and drill using 2.0mm drill.*

Note:
Can be locked with a clockwise turn in the holes of the plate.



- *Finally, confirm all screw heads have locked flush with the plate surface.*
- *Drill all remaining available holes and insert locking screws.*

USING CANNULATED SCREW 2.5 MM (OPTIONALITY)

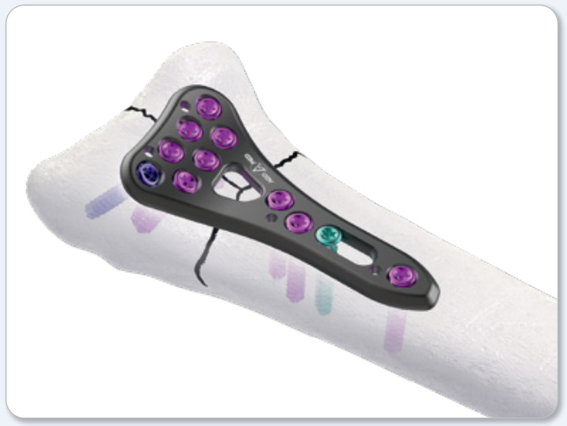
- *Insert the sleeve reduction guide (1008069) into the desired hole with a small drill sleeve. The sleeve reduction guide will center the 1.1 mm K-wire during insertion.*
- *Confirm K-wire placement under fluoroscopy.*

Note:
Use 1008069 together with the tool 1008009

- *Drill using the Cannulated Drill (1019106).*
- *Remove the small drill sleeve, determine screw length with the depth gauge.*
- *Insert the cannulated screw 2.5 mm over K-wire using the TX7 cannulated screwdriver (1001911).*

Note:
Cannulated screwdriver is not for final tightening of the locking screw

- *Once screw engages the plate, remove the K-wire and finish final tightening of the cannulated screw using the solid core TX7 screwdriver stem (1001910).*



- ***Cannulated Variable Angle Screw Placement***
  Cannulated Locking Screws 2.5 mm can be inserted at ±20°.

STEP 8

- *Check the final result under fluoroscopy in A/P and lateral views.*
- *Exchange dorsally protruding screws for shorter ones and correct mal-positioned screws, if necessary.*

Note:
The screws in the first row should slightly be tilted proximally; by contrast, the screws in the second row should be tilted distally. The subchondral screw arrangement according to the array principle provides optimum support for both the central region and the dorsal edge of the radius.

Wound closure

- *The wound is closed in layers. Following the skin closure, a final x-ray image is taken.*

Postoperative treatment

- *After completion of the surgery, a forearm splint is applied, which allows active finger movement.*
- *In general, the follow-up treatment is individually defined by the surgeon, and depends on fracture type and bone quality.*

OPERATION TECHNIQUE
OPTION WITH AIMING DEVICE

STEP 1

- *The volar radial plate can be applied as a buttress plate in flexion fractures, but may also address extension fractures.*
- *Fracture reduction is gradually performed with subsequent retention by locking plate fixation.*
- *Particular emphasis must be placed on restoration of the correct length correlation between radius and ulna, elimination of any steps in the radial joint surface, and compensation of any radial offset or malrotation of the distal fragment since otherwise this might restrict the postoperative range of motion. Hence, careful fracture reduction with X-ray control is crucial. K-wires or reduction forceps may help to preliminarily fixate the result of reduction, depending on the fracture pattern.*

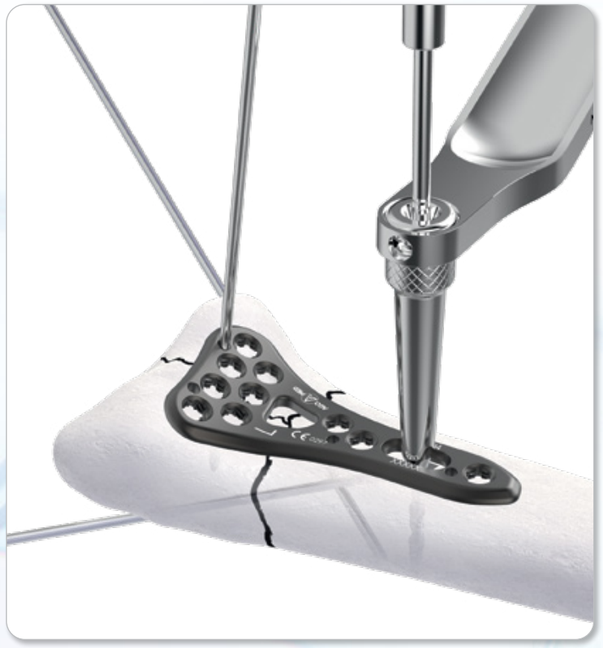
Note:
With the wrist in hyper-flexion lateral fluoroscopy will aid in obtaining a precise sub-chondral position of screws in the distal fragment to the extent possible. This type of fixation ensures the best placement for the screws and helps to avoid secondary dislocation.

- *To conform different fracture types, bone dimensions and bone qualities, a choice of narrow and broad volar plates is offered to the surgeon.*

STEP 2

- *Place the plate proximal to the distal edge of the radius. Following the watershed line, the distal part of the plate should be lower on the radial side.*
- *If necessary, insert K-wires ø1.4 through the plate to preliminarily fixate it. K-wire holes are in the distal and the shaft part of the plate.*

STEP 3



- ***Drilling the core hole***
  After fracture reduction, the first borehole is made into the slotted hole of the shaft using the drill guide (1008066) and the twist drill ø2.0.

STEP 4

- ***Determination of the screw length***
  Measure screw length using the depth gauge.
- ***Insertion of the first shaft screw***
  Insert a non-locking screw ø2.5 into the oblong shaft hole, using the self-retaining TX7 screwdriver.

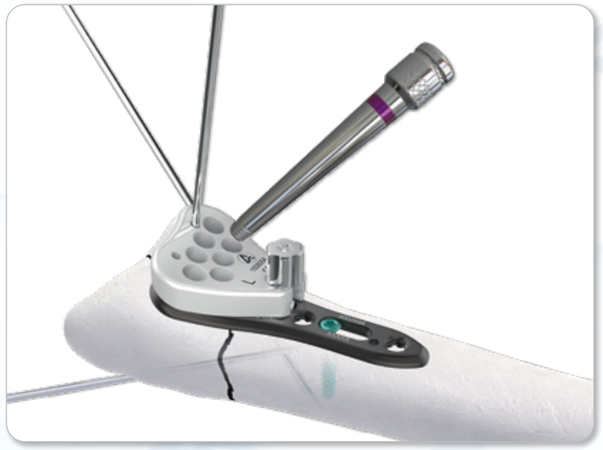
Note:
Positioning slot only accepts non-locking screw ø2.5.

- *Confirm plate position by fluoroscopy in A/P and lateral views. Particularly consider correct placement of the distal part of the plate and the alignment of the plate shaft. Adjust improper plate position if required.*
- *If necessary, the result has to be corrected and the plate displaced in longitudinal and/ or lateral direction. The screw has to be loosened for this purpose.*

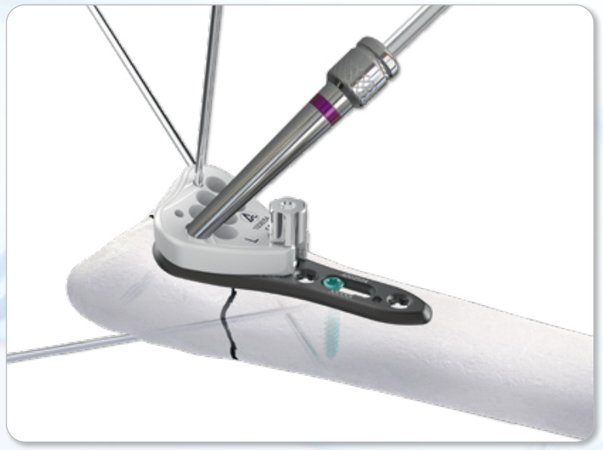
Note:
To avoid contact with flexor tendons, the plate must be applied just proximal to and below the watershed line.

STEP 5

- ***Insertion of screws***
  Locking screws may be inserted fixed-angled (0°) or with variable angle. An off-center angle exceeding 20° is not recommended as it may prevent the screw from locking correctly into the plate and entail screw loosening.



- *Facilitate fixed angle drilling by using an appropriate targeting device mounted onto the plate with the fixing screw.*
- *Engage a fixed angle drill guide (1008065) in the selected distal plate hole and drill to the desired depth with a drill ø2.0.*

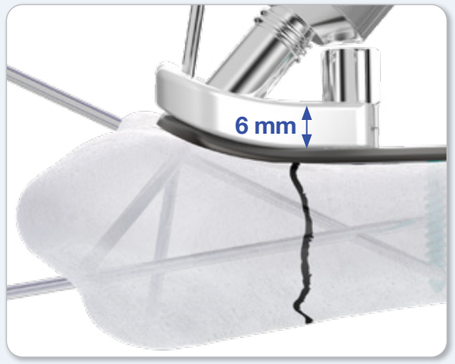


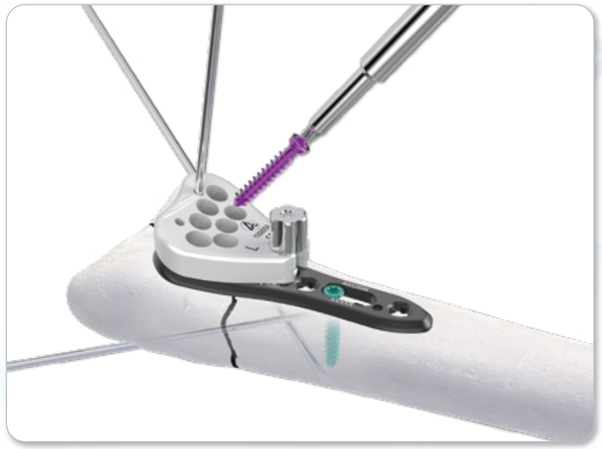
Note:
The aiming devices are designed for seating fixed-angled locking screws only.

STEP 6

- *Remove the drill guide, determine screw length with the depth gauge (1006002).*
- *Repeat these steps for all other distal holes.*

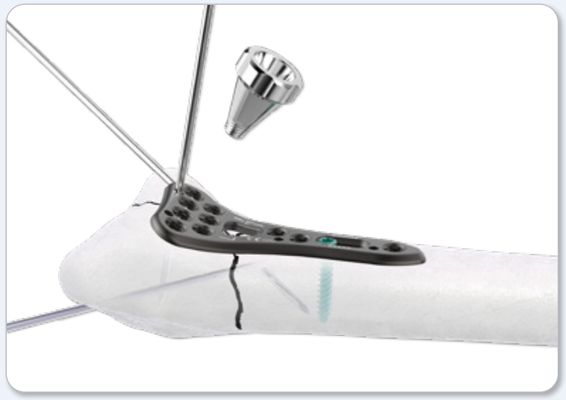
IMPORTANT:
*While measuring the lengths with a depth guide, the height of the aiming device must be considered, for that needed from obtained height of the depth gauge subtract **6 mm**.*



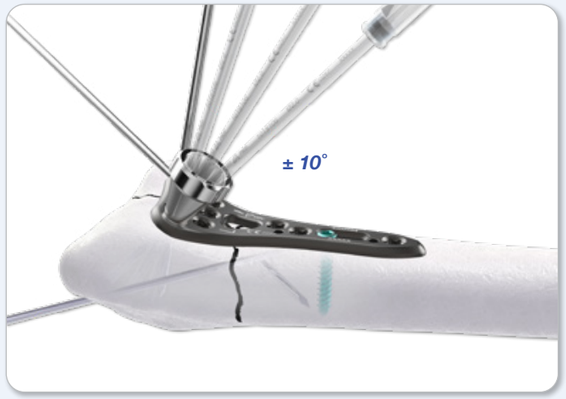


- *Insert an appropriate length locking screw using the TX7 screwdriver stem adjusting.*
- *Once all distal screws have been inserted, remove the aiming device.*
- *The most proximal plate hole should be preferred when securing the plate shaft with not less than 2 locking screws.*
- *Finally, confirm all screw heads have locked flush with the plate surface.*
- *Drill all remaining available holes and insert locking screws.*

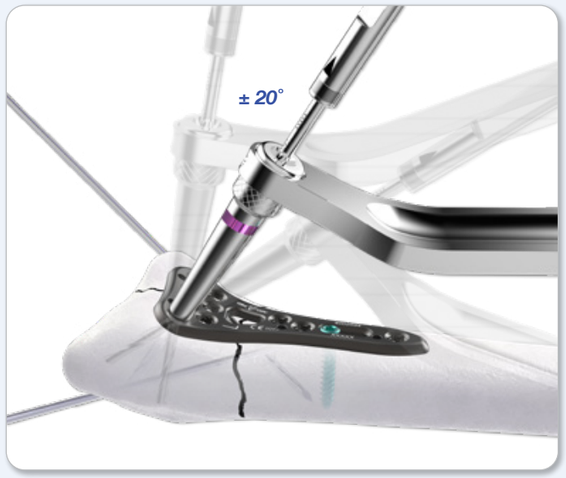
INSTRUMENTS FOR MULTIDIRECTIONAL SCREW FIXATION



- *The instruments are offered for variable angled drilling: a threaded funnel-shaped version (1008041) and drill-guides (1008066 & 1008040).*



- *The drill-guides 1008066 & 1008040 are intended for stabilization and keeping the drill at a certain angle while drilling holes.*
- *Holding the drill-guide 1008009 direct the drill to the required hole at the appropriate angle.*



Note:
The drill-guides 1008066 & 1008040 allow for a multidirectional angulation of ±20°, so that fixed-angle locking is always ensured.

- *Use one of the variable angle drill-guides in a locking plate hole and drill with a drill ø2.0 in a chosen angle.*
- *Use the depth gauge to confirm screw length.*
- *Insert selected screw using the self-retaining TX7 screwdriver stem adjusting until final tightening.*

INSTRUMENTS FOR MULTIDIRECTIONAL K-WIRE FIXATION

- *The K-wire guide tools 1008068 & 1008050 are intended for stabilization and keeping k-wire at a certain angle during its insertion. (±20°)*
- *Holding the tool 1008009, direct the k-wire at the appropriate angle to the required hole.*
- *Use together with the tool 1008009*

for K-wire ø 1.1mm

STEP 7

- *Check the final result under fluoroscopy in A/P and lateral views.*
- *Exchange dorsally protruding screws for shorter ones and correct mal-positioned screws, if necessary.*

Note:
The screws in the first row should slightly be tilted proximally; by contrast, the screws in the second row should be tilted distally. The subchondral screw arrangement according to the array principle provides optimum support for both the central region and the dorsal edge of the radius.

Wound closure

- *The wound is closed in layers. Following the skin closure, a final x-ray image is taken.*

Postoperative treatment

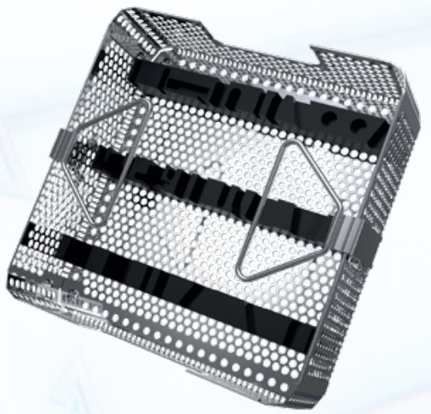
- *After completion of the surgery, a forearm splint is applied, which allows active finger movement.*
- *In general, the follow-up treatment is individually defined by the surgeon, and depends on fracture type and bone quality.*

INSTRUMENTS

1000321
Agopaqx4 tray for implant modules w/4 lids, King Kong system, w/o implant modules
Agopaq halte-tray f. implantate, mit 4 deckeln, King Kong system, ohne implantatemodule
Agopaqx4 soporte p/modules con implantes c/4 tapas, King Kong sistema, sin modulos p/implantes

1301037
Agopaqx2 tray for implant modules w/ 2 lids, w/o implant modules
Agopaqx2 halte-tray f. implantate, mit 2 deckeln, ohne implantatemodule
Agopaqx2 soporte p/modules con implantes c/2 tapas, sin modules p/implantes

1000376
King Kong sterilisation tray for instruments, w/o instruments
King Kong sterilisiersiebschale f. instrumente, ohne instrumente
King Kong bandeja para instrumental, sin instrumental



1000438 Agopaqx2 instrument tray f. small system 2.5, w/o instruments

Agopaqx2-instrumenten-siebschale f. klein system 2.5, ohne instrumente

Agopaqx2 caja para instrumental p/sistema pequeña 2.5, sin instrumental

1000380 Agopaqx4 plate-tray King Kong system 2.5, Broad, w/o implants

Agopaqx4 platten-modul King Kong system 2.5, breit, ohne implantate

Agopaqx4 soporte p/placas King Kong sistema 2.5, Ancha, sin implantes

1000381 Agopaqx4 plate-tray King Kong system 2.5, w/o implants

Agopaqx4 platten-modul King Kong system 2.5, ohne implantate

Agopaqx4 soporte p/placas King Kong sistema 2.5, sin implantes

1000384 Agopaqx4 screw tray King Kong system 2.5, w/o implants

Agopaqx4 schrauben modul King Kong system 2.5, ohne implantate

Agopaqx4 soporte p/tornillos King Kong sistema 2.5, sin implantes

1000379 Agopaqx4 plate-tray King Kong system 2.5, Narrow, w/o implants

Agopaqx4 platten-modul King Kong system 2.5, schmal, ohne implantate

Agopaqx4 soporte p/placas King Kong sistema 2.5, Estrecha, sin implantes

1000382 Agopaqx4 plate-tray King Kong system 2.5, Long XL, w/o implants

Agopaqx4 platten-modul King Kong system 2.5, Lange XL, ohne implantate

Agopaqx4 soporte p/placas King Kong sistema 2.5, Larga XL, sin implantes

1000322 Agopaqx4 tray King Kong system 2.5, Atraumatic frame plate, w/o implants

Agopaqx4 platten-modul King Kong system 2.5, atraumatische rahmenplatte, ohne implantate

Agopaqx4 soporte p/placas King Kong sistema 2.5, placa marco atraumática, sin implantes

1000383 Agopaqx4 tray King Kong system 2.5, Aiming Device, w/o implants

Agopaqx4 modul King Kong system 2.5, zielgerät, ohne implantate

Agopaqx4 soporte p/dispositivo de puntería, King Kong sistema 2.5, sin implantes

1019106

Twist drill 2,0 x 95 mm, cannulated 1,2 mm, AO-shaft, stop 26 mm

Spiralbohrer 2,0 x 95 mm, kanueliert 1,2 mm AO, nl: 26 mm

Broca 2,0 x 95 mm, canulada 1,2 mm vastago AO, stop 26 mm

1201008

Twist drill 2,0 x 103 mm, AO-shaft, grey code

Spiralbohrer 2,0 x 103 mm, 59 mm NL, AO-ansatz, farbcode grau

Broca 2,0 x 103 mm, vastago AO, codido gris

1019103

Twist drill 2,0 x 103 mm, AO-shaft, grey code

Spiralbohrer 2,0 x 95 mm, kanueliert 1,2 mm rundschaft, nl: 26 mm

Broca 2,0 x 95 mm, canulada 1,2 mm redonda, stop 26 mm

OPTIONAL

1201029

Twist drill 1,8 x 95 mm, stop 29 mm, AO, pink code

Spiralbohrer 1,8 x 95 mm, stop 29 mm, AO, farbcode pink

Broca 1,8 x 95 mm, stop 29 mm, AO, codigo rosa

1001910

Screwdriver blade, double TX 7 non-cannulated, 90 mm, AO-shaft

Schraubendreherklinge, doppelt TX 7 nicht kanueliert, 90 mm, AO-ansatz

Hoja intercambiable, doble TX 7 no canulada, 90 mm, vastago AO

1001911

Screwdriver blade, double TX 7 cannulated, 90 mm, AO-shaft

Schraubendreherklinge, doppelt TX 7 kanueliert, 90 mm, AO-ansatz

Hoja intercambiable, doble TX 7 canulada, 90 mm, vastago AO

1004036

Silicone screwdriverhandle, black cannulated, 12 cm, AO-shaft

Silikon-schraubendrehergriff schwarz kanueliert gross, 12 cm, AO-ansatz

Mango destornillador silicona canulado, grande, 12 cm, negro, vastago-AO

1004049

Silicone screwdriverhandle, black cannulated, 15 cm, AO-shaft

Silikon-schraubendrehergriff schwarz kanueliert gross, 15 cm, AO-ansatz

Mango destornillador silicona canulado, grande, 15 cm, negro, vastago-AO

1002527

Plate- /screwholding forceps angled, 15cm/6”

Titan platten-/schraubenhaltepinzette 15cm/6” gewinkelt

Pinza de titanio p/placas y tornillos 15cm/6” angulada

1006024

Agomed depth gauge 40 mm, round f. 2,0 - 4,5 mm screws

Agomed tiefenlehre 40 mm, rund f. 2,0 - 4,5 mm schrauben, taster 1,6 mm

Agomed medidor profundidad 40 mm p/tornillos 2,0 - 4,5 mm

1008009

Handle for drill-guide, only hand-systems

Bohrbuechsengriff allein f. hand-systeme

Mango solo p/guia de broca sistemas mano

1005620

Flat bending plier, 13,5cm/5 1/2”

Flachbiegezange 13,5cm/5 1/2”

Pinza doblar placas, bocas planas, 13,5cm/5 1/2”

1101340
Olive kirschner-wires, thread 10 mm, trocar/round, 60 x 1.1 mm, pack/1
Olive kirschner draht, gewinde 10 mm, trokar/rund, 60 x 1,1 mm, pack/1
Olive broca filiforme kirschner, rosca 10 mm, trocar/redondo, 60 x 1,1 mm, pack/1

1101023
Kirschner wire 100 x 1,1 mm trocar/round, pack/6
Kirschner draht 100 x 1,1 mm trokar/rund, pack/6
Kirschner agujas 100 x 1,1 mm trocar/redondo, paq./6

1101063
Werber CBS-K-wire 150 x 1,4 mm trocar / round, pack/6
Werber CBS-Kirschner draht 150 x 1,4 mm, trokar/rund, pack/6
Werber CBS-Kirschner agujas 150 x 1,4 mm, trocar/redondo, paq./6

1104009
Agomed k-wire dispenser 15 cm/6” for k-wire 0,8 - 1,6 mm diameter
Agomed kirschnerdrahtspender 15 cm/6˝ f. draehte 0,8 - 1,6 mm durchmesser
Agomed dispensador agujas kirschner 15 cm/6”, p/agujas de 0,8 - 1,6 mm

1008069
Sleeve reduction guide, K-wire ø 1.1, length 35 mm
Sleeve reduction guide K-draht ø 1.1, länge 35 mm
Guía de reducción de mangas, kirschner agujas ø 1.1, longitud 35 mm

1008041
Drill guide with thread, drill ø 2.0, 0° to 10°
Bohrhuelse mit gewinde, bohren ø 2.0, 0°-10°
Guia con rosca, broca ø 2.0, 0°-10°

1008065
Drill-guide only, screwable, length 45 mm, drill ø 2.0
Bohrlehren-aufsatz allein, schraubbar 45 mm, bohren ø 2.0
Guia con rosca, p/broca longitud 45 mm, broca ø 2.0

1008051
K-wire guide only, screwable, K-wire ø 1.1, length 45 mm
Bohrlehren-aufsatz allein, schraubbar K-draht ø 1.1, länge 45 mm
Guia con rosca, p/kirschner agujas ø 1.1, longitud 45 mm

1008066
Drill-guide only, variable, length 35 mm, drill ø 2.0
Bohrlehren-aufsatz allein, variabel länge 35 mm, bohren ø 2.0
Guia broca p/tornillos, variable, longitud 35 mm, broca ø 2.0

1008068
K-wire guide only, variable, K-wire ø 1.1, length 35 mm
Bohrlehren-aufsatz allein, variabel K-draht ø 1.1, länge 35 mm
Guia variable, p/kirschner agujas ø 1.1, longitud 35 mm

1008040
Drill-guide only, variable, length 35 mm, drill ø 2.0
Bohrlehren-aufsatz allein, variabel länge 35 mm, bohren ø 2.0
Guia broca p/tornillos, variable, longitud 35 mm, broca ø 2.0

1008050
K-wire guide only, variable, K-wire ø 1.1, length 35 mm
Bohrlehren-aufsatz allein, variabel K-draht ø 1.1, länge 35 mm
Guia variable, p/kirschner agujas ø 1.1, longitud 35 mm

1008054 Aiming device Radius 2.5, narrow, left
Ziel gerät Radius 2.5, schmal, links
Guia para Radio 2.5, estrecha, izquierda

1008055 Aiming device Radius 2.5, narrow, right
Ziel gerät Radius 2.5, schmal, rechts
Guia para Radio 2.5, estrecha, derecha

1008056 Aiming device Radius 2.5, broad, left
Ziel gerät Radius 2.5, breit, links
Guia para Radio 2.5, ancha, izquierda

1008057 Aiming device Radius 2.5, broad, right
Ziel gerät Radius 2.5, breit, rechts
Guia para Radio 2.5, ancha, derecha

1008058 Aiming device Radius 2.5, Long L / XL, left
Ziel gerät Radius 2.5, lange L / XL schmal, links
Guia para Radio 2.5, larga estrecha L / XL, izquierda

1008059 Aiming device Radius 2.5, Long L / XL, right
Ziel gerät Radius 2.5, lange L / XL schmal, rechts
Guia para Radio 2.5, larga estrecha L / XL, derecha

S1464 - KING KONG SYSTEM 2.5 SET

Pos.	Cat.No.	Description	Qty.	Picture page
		Containers		
1	*1000321*	AGOPAQX4 TRAY FOR IMPLANT MODULES W/4 LIDS, KING KONG SYSTEM, W/O IMPLANT MODULES	1	*45*
2	*1000322*	AGOPAQX4 PLATE-TRAY KING KONG SYSTEM 2.5, ATRAUMATIC FRAME PLATE, W/O IMPLANTS	1	*47*
3	*1000376*	KING KONG STERILISATION TRAY FOR INSTRUMENT, W/O INSTRUMENTS	1	*45*
4	*1000379*	AGOPAQX4 PLATE-TRAY SYSTEM 2.5, NARROW, W/O IMPLANTS	1	*47*
5	*1000380*	AGOPAQX4 PLATE-TRAY KING KONG SYSTEM 2.5, BROAD, W/O IMPLANTS	1	*46*
6	*1000381*	AGOPAQX4 PLATE-TRAY SYSTEM 2.5, W/O IMPLANTS	1	*46*
7	*1000382*	AGOPAQX4 PLATE-TRAY KING KONG SYSTEM 2.5, LONG XL, W/O IMPLANTS	1	*47*
8	*1000383*	AGOPAQX4 TRAY KING KONG SYSTEM 2.5, AIMING DEVICE, W/O IMPLANTS	1	*47*
9	*1000384*	AGOPAQX4 SCREW TRAY SYSTEM 2.5, W/O IMPLANTS	1	*46*
		Instruments		
10	*1001910*	SCREWDRIVER BLADE, DOUBLE TX 7 NON-CANNULATED, 90 MM, AO-SHAFT	1	*48*
11	*1001911*	SCREWDRIVER BLADE, DOUBLE TX 7 CANNULATED, 90 MM, AO-SHAFT	1	*48*
12	*1004049*	SILICONE SCREWDRIVERHANDLE BLACK, CANNULATED, 15 CM, AO-SHAFT	1	*49*
13	*1004036*	SILICONE SCREWDRIVERHANDLE BLACK CANNULATED, 12 CM, AO-SHAFT	1	*49*
14	*1005620*	FLAT BENDING PLIER, 13,5CM/5 1/2”	2	*49*
15	*1006024*	AGOMED DEPTH GAUGE 40 MM, ROUND F. 2,0 - 4,5 MM SCREWS	1	*49*
16	*1008009*	HANDLE FOR DRILL-GUIDE, ONLY HAND-SYSTEMS	1	*49*

Pos.	Cat.No.	Description	Qty.	Picture page
17	*1201008*	TWIST DRILL 2,0 X 103 MM, AO-SHAFT, GREY CODE	1	*48*
18	*1019103*	TWIST DRILL 2,0 X 95 MM, CANNULATED 1,2 MM ROUND SHAFT, STOP 26 MM	1	*48*
19	*1008041*	DRILL GUIDE ONLY, SCREWABLE, DRILL Ø2.0, 0° TO 10°, SYSTEM 2.5	1	*50*
20	*1002527*	PLATE- /SCREWHOLDING FORCEPS ANGLED, 15CM/6”	1	*49*
21	*1008040*	DRILL-GUIDE ONLY, VARIABLE, LENGTH 35 MM, DRILL Ø 2.0, ROUND TIP	1	*51*
22	*1008050*	K-WIRE GUIDE ONLY, VARIABLE, K-WIRE Ø 1.1, LENGTH 35 MM, ROUND TIP	1	*51*
23	*1008051*	K-WIRE GUIDE ONLY, SCREWABLE, K-WIRE Ø 1.1, LENGTH 45 MM	1	*51*
24	*1008065*	DRILL-GUIDE ONLY, SCREWABLE, LENGTH 45 MM, DRILL Ø 2.0	1	*51*
25	*1008066*	DRILL-GUIDE ONLY, VARIABLE, LENGTH 35 MM, DRILL Ø 2.0	1	*51*
26	*1008068*	K-WIRE GUIDE ONLY, VARIABLE, K-WIRE Ø 1.1, LENGTH 35 MM	1	*51*
27	*1008069*	SLEEVE REDUCTION GUIDE, 35 MM LENGTH, K-WIRE Ø1,1, SYSTEM 2.5	1	*50*
28	*1008054*	AIMING DEVICE RADIUS 2.5, NARROW, LEFT	1	*52*
29	*1008055*	AIMING DEVICE RADIUS 2.5, NARROW, RIGHT	1	*52*
30	*1008056*	AIMING DEVICE RADIUS 2.5, BROAD, LEFT	1	*52*
31	*1008057*	AIMING DEVICE RADIUS 2.5, BROAD, RIGHT	1	*52*
32	*1008058*	AIMING DEVICE RADIUS 2.5, LONG L / XL NARROW, LEFT	1	*52*
33	*1008059*	AIMING DEVICE RADIUS 2.5, LONG L / XL NARROW, RIGHT	1	*52*
34	*1019106*	TWIST DRILL 2,0 X 95 MM, CANNULATED 1,2 MM, AO-SHAFT, STOP 26 MM	1	*48*

Pos.	Cat.No.	Description	Qty.	Picture page
35	1101340	OLIVE KIRSCHNER-WIRES, THREAD 10 MM, TROCAR/ROUND, 60 X 1.1 MM, PACK/1	3	50
36	1101023	KIRSCHNER WIRE 100 X 1,1 MM TROCAR/ROUND, PACK/6	1	50
37	1101063	WERBER CBS-K-WIRE 150 X 1,4 MM TROCAR / ROUND, PACK/6	1	50
38	1104009	AGOMED K-WIRE DISPENSER 15 CM/6" FOR K-WIRE 0,8 - 1,6 MM DIAMETER	2	50
		Plates		
39	4002594	TITANIUM PLATE, 4-HOLES, NARROW SMALL, PALMAR, LEFT, SYSTEM 2.5	1	12
40	4002595	TITANIUM PLATE, 4-HOLES, NARROW SMALL, PALMAR, RIGHT, SYSTEM 2.5	1	12
41	4002596	TITANIUM PLATE, 5-HOLES, NARROW MEDIUM, PALMAR, LEFT, SYSTEM 2.5	1	13
42	4002597	TITANIUM PLATE, 5-HOLES, NARROW MEDIUM, PALMAR, RIGHT, SYSTEM 2.5	1	13
43	4002598	TITANIUM PLATE, 6-HOLES, NARROW LARGE, PALMAR, LEFT, SYSTEM 2.5	1	13
44	4002599	TITANIUM PLATE, 6-HOLES, NARROW LARGE, PALMAR, RIGHT, SYSTEM 2.5	1	13
45	4002600	TITANIUM PLATE, 4 - HOLES, BROAD SMALL, PALMAR, LEFT, SYSTEM 2.5	1	14
46	4002601	TITANIUM PLATE, 4 - HOLES, BROAD SMALL, PALMAR, RIGHT, SYSTEM 2.5	1	14
47	4002602	TITANIUM PLATE, 5- HOLES, BROAD MEDIUM, PALMAR, LEFT, SYSTEM 2.5	1	15
48	4002603	TITANIUM PLATE, 5 - HOLES, BROAD MEDIUM, PALMAR, RIGHT, SYSTEM 2.5	1	15
49	4002604	TITANIUM PLATE, 6 - HOLES, BROAD LARGE, PALMAR, LEFT, SYSTEM 2.5	1	15
50	4002605	TITANIUM PLATE, 6 - HOLES, BROAD LARGE, PALMAR, RIGHT, SYSTEM 2.5	1	15
51	4002606	TITANIUM LONG XL PLATE, 11 - HOLES NARROW, PALMAR, LEFT, SYSTEM 2.5	1	17
52	4002607	TITANIUM LONG XL PLATE, 11 - HOLES NARROW, PALMAR, RIGHT, SYSTEM 2.5	1	17
53	4002608	TITANIUM PLATE, 2/4-HOLES, L-FORM, LEFT, SYSTEM 2.5	1	18
54	4002609	TITANIUM PLATE, 2/4-HOLES, L-FORM, RIGHT, SYSTEM 2.5	1	18
55	4002610	TITANUIM PLATE, 6-HOLES, STRAIGHT, SYSTEM 2.5	1	18
56	4002611	TITANIUM PLATE, 8-HOLES, T-FORM, SYSTEM 2.5	1	19
57	4002612	TITANIUM PLATE, 6-HOLES, HOOK, SYSTEM 2.5	1	19
58	4002613	TITANIUM LONG L PLATE, 7 - HOLES NARROW, PALMAR, RIGHT, SYSTEM 2.5	1	16
59	4002614	TITANIUM LONG L PLATE, 7 - HOLES NARROW, PALMAR, LEFT, SYSTEM 2.5	1	16
60	4002615	TITANIUM ATRAUMATIC FRAME PLATE, 14-HOLES, SIZE 1, RIGHT, SYSTEM 2.5	1	20
61	4002616	TITANIUM ATRAUMATIC FRAME PLATE, 14-HOLES, SIZE 1, LEFT, SYSTEM 2.5	1	20
62	4002617	TITANIUM ATRAUMATIC FRAME PLATE, 14-HOLES, SIZE 2, RIGHT, SYSTEM 2.5	1	20
63	4002618	TITANIUM ATRAUMATIC FRAME PLATE, 14-HOLES, SIZE 2, LEFT, SYSTEM 2.5	1	20
		Screws		
64	5028010	TITANIUM LOCKING SCREW, 2,5 X 10 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
65	5028012	TITANIUM LOCKING SCREW, 2,5 X 12 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
66	5028014	TITANIUM LOCKING SCREW, 2,5 X 14 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
67	5028016	TITANIUM LOCKING SCREW, 2,5 X 16 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
68	5028018	TITANIUM LOCKING SCREW, 2,5 X 18 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
69	5028020	TITANIUM LOCKING SCREW, 2,5 X 20 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
70	5028022	TITANIUM LOCKING SCREW, 2,5 X 22 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
71	5028024	TITANIUM LOCKING SCREW, 2,5 X 24 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
72	5028026	TITANIUM LOCKING SCREW, 2,5 X 26 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
73	5028028	TITANIUM LOCKING SCREW, 2,5 X 28 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
74	5028030	TITANIUM LOCKING SCREW, 2,5 X 30 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
75	5028110	TITANIUM SCREW STANDARD 2,5 X 10 MM SELF-TAPPING, TX 7, PACK/5	1	21
76	5028112	TITANIUM SCREW STANDARD 2,5 X 12 MM SELF-TAPPING, TX 7, PACK/5	2	21
77	5028114	TITANIUM SCREW STANDARD 2,5 X 14 MM SELF-TAPPING, TX 7, PACK/5	2	21
78	5028116	TITANIUM SCREW STANDARD 2,5 X 16 MM SELF-TAPPING, TX 7, PACK/5	2	21
79	5028118	TITANIUM SCREW STANDARD 2,5 X 18 MM SELF-TAPPING, TX 7, PACK/5	2	21
80	5028120	TITANIUM SCREW STANDARD 2,5 X 20 MM SELF-TAPPING, TX 7, PACK/5	1	21
81	5028122	TITANIUM SCREW STANDARD 2,5 X 22 MM SELF-TAPPING, TX 7, PACK/5	1	21
82	5028124	TITANIUM SCREW STANDARD 2,5 X 24 MM SELF-TAPPING, TX 7, PACK/5	1	21
83	5028126	TITANIUM SCREW STANDARD 2,5 X 26 MM SELF-TAPPING, TX 7, PACK/5	1	21
84	5028128	TITANIUM SCREW STANDARD 2,5 X 28 MM SELF-TAPPING, TX 7, PACK/5	1	21
85	5028130	TITANIUM SCREW STANDARD 2,5 X 30 MM SELF-TAPPING, TX 7, PACK/5	1	21
86	5028210	TITANIUM SCREW 2,5 X 10 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
87	5028212	TITANIUM SCREW 2,5 X 12 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
88	5028214	TITANIUM SCREW 2,5 X 14 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
89	5028216	TITANIUM SCREW 2,5 X 16 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
90	5028218	TITANIUM SCREW 2,5 X 18 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
91	5028220	TITANIUM SCREW 2,5 X 20 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
92	5028222	TITANIUM SCREW 2,5 X 22 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
93	5028224	TITANIUM SCREW 2,5 X 24 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
94	5028226	TITANIUM SCREW 2,5 X 26 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
95	5028228	TITANIUM SCREW 2,5 X 28 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
96	5028230	TITANIUM SCREW 2,5 X 30 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22

S1486 - SMALL KING KONG SYSTEM 2.5 SET

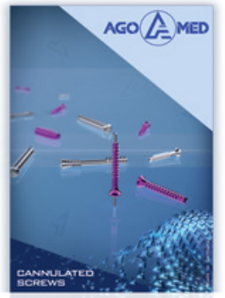
Pos.	Cat.No.	Description	Qty.	Picture page
		Containers		
1	1301037	AGOPAQX2 TRAY FOR IMPLANT MODULES W/ 2 LIDS, W/O IMPLANT MODULES	1	45
2	1000379	AGOPAQX4 PLATE-TRAY SYSTEM 2.5, NARROW, W/O IMPLANTS	1	47
3	1000438	AGOPAQX4 SCREW TRAY SYSTEM 2.5, W/O IMPLANTS	1	46
4	1000381	AGOPAQX4 PLATE-TRAY SYSTEM 2.5, W/O IMPLANTS	1	46
5	1000384	AGOPAQX4 SCREW TRAY SYSTEM 2.5, W/O IMPLANTS	1	46
		Instruments		
6	1001910	SCREWDRIVER BLADE, DOUBLE TX 7 NON-CANNULATED, 90 MM, AO-SHAFT	1	48
7	1001911	SCREWDRIVER BLADE, DOUBLE TX 7 CANNULATED, 90 MM, AO-SHAFT	1	48
8	1004036	SILICONE SCREWDRIVERHANDLE BLACK CANNULATED, 12 CM, AO-SHAFT	1	49
9	1002527	PLATE- /SCREWHOLDING FORCEPS ANGLED, 15CM/6"	1	49
10	1006024	AGOMED DEPTH GAUGE 40 MM, ROUND F. 2,0 - 4,5 MM SCREWS	1	49
11	1008009	HANDLE FOR DRILL-GUIDE, ONLY HAND-SYSTEMS	1	49
12	1008040	DRILL-GUIDE ONLY, VARIABLE, LENGTH 35 MM, DRILL Ø 2.0, ROUND TIP	1	51
13	1008050	K-WIRE GUIDE ONLY, VARIABLE, K-WIRE Ø 1.1, LENGTH 35 MM, ROUND TIP	1	51
14	1008051	K-WIRE GUIDE ONLY, SCREWABLE, K-WIRE Ø 1.1, LENGTH 45 MM	1	51
15	1008054	AIMING DEVICE RADIUS 2.5, NARROW, LEFT	1	52
16	1008055	AIMING DEVICE RADIUS 2.5, NARROW, RIGHT	1	52
17	1008065	DRILL-GUIDE ONLY, SCREWABLE, LENGTH 45 MM, DRILL Ø 2.0	1	51
18	1008041	DRILL GUIDE ONLY, SCREWABLE, DRILL Ø2.0, 0° TO 10°, SYSTEM 2.5	1	50
19	1008066	DRILL-GUIDE ONLY, VARIABLE, LENGTH 35 MM, DRILL Ø 2.0	1	51
20	1008068	K-WIRE GUIDE ONLY, VARIABLE, K-WIRE Ø 1.1, LENGTH 35 MM	1	51
21	1008069	SLEEVE REDUCTION GUIDE, 35 MM LENGTH, K-WIRE Ø1,1, SYSTEM 2.5	1	50
22	1101340	OLIVE KIRSCHNER-WIRES, THREAD 10 MM, TROCAR/ROUND, 60 X 1.1 MM, SYSTEM 2.5, PACK/1	3	50
23	1019106	TWIST DRILL 2,0 X 95 MM, CANNULATED 1,2 MM, AO-SHAFT, STOP 26 MM	1	48
24	1101023	KIRSCHNER WIRE 100 X 1,1 MM TROCAR/ROUND, PACK/6	1	50
25	1201008	TWIST DRILL 2,0 X 103 MM, AO-SHAFT, GREY CODE	1	48
26	1101063	WERBER CBS-K-WIRE 150 X 1,4 MM TROCAR / ROUND, PACK/6	1	50
27	1104009	AGOMED K-WIRE DISPENSER 15 CM/6" FOR K-WIRE 0,8 - 1,6 MM DIAMETER	2	50
		Plates		
28	4002594	TITANIUM PLATE, 4-HOLES, NARROW SMALL, PALMAR, LEFT, SYSTEM 2.5	1	12
29	4002595	TITANIUM PLATE, 4-HOLES, NARROW SMALL, PALMAR, RIGHT, SYSTEM 2.5	1	12
30	4002596	TITANIUM PLATE, 5-HOLES, NARROW MEDIUM, PALMAR, LEFT, SYSTEM 2.5	1	13
31	4002597	TITANIUM PLATE, 5-HOLES, NARROW MEDIUM, PALMAR, RIGHT, SYSTEM 2.5	1	13
32	4002598	TITANIUM PLATE, 6-HOLES, NARROW LARGE, PALMAR, LEFT, SYSTEM 2.5	1	13
33	4002599	TITANIUM PLATE, 6-HOLES, NARROW LARGE, PALMAR, RIGHT, SYSTEM 2.5	1	13

Pos.	Cat.No.	Description	Qty.	Picture page
34	4002608	TITANIUM PLATE, 2/4-HOLES, L-FORM, LEFT, SYSTEM 2.5	1	18
35	4002609	TITANIUM PLATE, 2/4-HOLES, L-FORM, RIGHT, SYSTEM 2.5	1	18
36	4002610	TITANUIM PLATE, 6-HOLES, STRAIGHT, SYSTEM 2.5	1	18
37	4002611	TITANIUM PLATE, 8-HOLES, T-FORM, SYSTEM 2.5	1	19
38	4002612	TITANIUM PLATE, 6-HOLES, HOOK, SYSTEM 2.5	1	19
		Screws		
39	5028010	TITANIUM LOCKING SCREW, 2,5 X 10 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
40	5028012	TITANIUM LOCKING SCREW, 2,5 X 12 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
41	5028014	TITANIUM LOCKING SCREW, 2,5 X 14 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
42	5028016	TITANIUM LOCKING SCREW, 2,5 X 16 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
43	5028018	TITANIUM LOCKING SCREW, 2,5 X 18 MM MULTIDIRECTIONAL, TX 7, PACK/5	2	21
44	5028020	TITANIUM LOCKING SCREW, 2,5 X 20 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
45	5028022	TITANIUM LOCKING SCREW, 2,5 X 22 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
46	5028024	TITANIUM LOCKING SCREW, 2,5 X 24 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
47	5028026	TITANIUM LOCKING SCREW, 2,5 X 26 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
48	5028028	TITANIUM LOCKING SCREW, 2,5 X 28 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
49	5028030	TITANIUM LOCKING SCREW, 2,5 X 30 MM MULTIDIRECTIONAL, TX 7, PACK/5	1	21
50	5028110	TITANIUM SCREW STANDARD 2,5 X 10 MM SELF-TAPPING, TX 7, PACK/5	1	21
51	5028112	TITANIUM SCREW STANDARD 2,5 X 12 MM SELF-TAPPING, TX 7, PACK/5	2	21
52	5028114	TITANIUM SCREW STANDARD 2,5 X 14 MM SELF-TAPPING, TX 7, PACK/5	2	21
53	5028116	TITANIUM SCREW STANDARD 2,5 X 16 MM SELF-TAPPING, TX 7, PACK/5	2	21
54	5028118	TITANIUM SCREW STANDARD 2,5 X 18 MM SELF-TAPPING, TX 7, PACK/5	2	21

Pos.	Cat.No.	Description	Qty.	Picture page
55	5028120	TITANIUM SCREW STANDARD 2,5 X 20 MM SELF-TAPPING, TX 7, PACK/5	1	21
56	5028122	TITANIUM SCREW STANDARD 2,5 X 22 MM SELF-TAPPING, TX 7, PACK/5	1	21
57	5028124	TITANIUM SCREW STANDARD 2,5 X 24 MM SELF-TAPPING, TX 7, PACK/5	1	21
58	5028126	TITANIUM SCREW STANDARD 2,5 X 26 MM SELF-TAPPING, TX 7, PACK/5	1	21
59	5028128	TITANIUM SCREW STANDARD 2,5 X 28 MM SELF-TAPPING, TX 7, PACK/5	1	21
60	5028130	TITANIUM SCREW STANDARD 2,5 X 30 MM SELF-TAPPING, TX 7, PACK/5	1	21
61	5028210	TITANIUM SCREW 2,5 X 10 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
62	5028212	TITANIUM SCREW 2,5 X 12 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
63	5028214	TITANIUM SCREW 2,5 X 14 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
64	5028216	TITANIUM SCREW 2,5 X 16 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
65	5028218	TITANIUM SCREW 2,5 X 18 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	2	22
66	5028220	TITANIUM SCREW 2,5 X 20 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
67	5028222	TITANIUM SCREW 2,5 X 22 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
68	5028224	TITANIUM SCREW 2,5 X 24 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
69	5028226	TITANIUM SCREW 2,5 X 26 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
70	5028228	TITANIUM SCREW 2,5 X 28 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22
71	5028230	TITANIUM SCREW 2,5 X 30 MM CANNULATED, LOCKING, FULLTHREAD, TX 7, PACK/5	1	22

MORE OF OUR PRODUCTS

2010015
Cannulated Screws



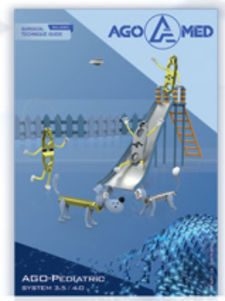
2010002
Foot & Ankle system

NEW 2010053
Anterior 4.0 system

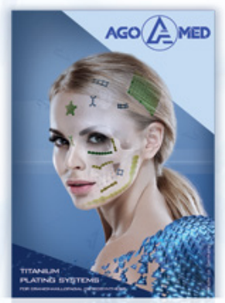
2010033
AgoFix 4.0 system

2010030
Pediatric Screw system 6.2

2010017
AGO-Pediatric system 3.5 / 4.0

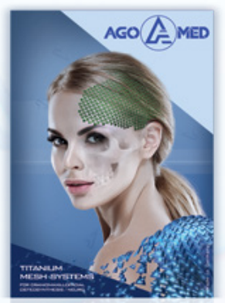


2010003
Titanium plating system for craniomaxillofacial osteosynthesis



2010008
AgoFix Neuro Plating system 1.5

2010016
Titanium Mesh systems for craniomaxillofacial osteosynthesis / Neuro



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