



# PANDA HAND PLATING SYSTEM

00-00

# AGO

IMPROVED 3 POINT BLOCKING

0)

# RADIAL HEAD PLATES

ANATOMICAL PRE-SHAPED DESIGN

SOFT TISSUE PROTECTION

DUE TO ROUNDED EDGES & A SMOOTH SURFACE

PANDA HAND PLATING SYSTEM

# ONE INSTRUMENT FOR DIFFERENT SCREWS SCREW HEADS FIT THE SAME SCREWDRIVER

# COLOR-CODED IDENTIFIERS

STANDARD AND MULTIDIRECTIONAL LOCKING SCREWS ARE DISTINGUISHED THROUGH

> 1.5 MM 2.0 MM 2.3 мм;

# AVAILABLE IN A FLEXIBLE CHOICE OF SCREW TYPE

STANDARD SCREWS AND LOCKING SCREWS FIT ALL PLATE HOLES

# **2X FASTER** INSERTION

WITH DOUBLE LEAD THREADS

# ATRAUMATIC SCREW TIP

OFFERS SOFT TISSUE PROTECTION WHEN INSERTING SCREWS BICORTICALLY

# 10 - HOLES

# UNIVERSAL **11 - HOLES**

# TITANIUM RADIAL HEAD PLATE





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#### 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.

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EN

ES

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QUALITY IS PART OF **DUR DNA** 

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C-CERTIFICATE

DIN EN ISO 13485

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# PLATE FEATURES

# THE NEW PANDA HAND SYSTEM INCLUDES A WIDE SELECTION OF PLATES

# AVAILABLE IN DIFFERENT LENGTHS

- DOES NOT REQUIRE PLATES TO BE SHORTENED
- SMOOTH EDGES

# ROUNDED EDGES & A SMOOTH SURFACE



# AVAILABLE IN A FLEXIBLE CHOICE OF SCREW TYPE

STANDARD SCREWS AND LOCKING SCREWS FIT ALL PLATE HOLES

-1.5 MM

2.0 MM

2.3 MM

# ANATOMICAL PRE-SHAPED DESIGN

- PRECISE ANATOMICAL PLATE FIT



ROUNDED CONTOUR

# ADVANTAGES OF THE SCREWS

# UNIVERSAL PLATE HOLE SHAPES

- PLATES INCLUDE AN ELONGATED K-WIRE HOLE AND A COMPRESSION HOLE
- SECURE CLOSURE OF THE FRACTURE



# UNIVERSAL HOLES

ALLOW USING DIFFERENT

Ø2.0 MM

SCREWS ARE DISTINGUISHED THROUGH

# COLOR-CODED IDENTIFIERS

BEST POSSIBLE FRACTURE TREATMENT

# OVAL HOLES

IN SOME PLATES TO ALLOW LONGITUDINAL COMPRESSION



# MULTIPLE COMBINATIONS

MULTIDIRECTIONAL LOCKING SAME DIAMETER OF THE HEAD CAN

# Ø1.5 MM

Ø2.3 MM



# COMPLETELY COUNTERSUNK SCREW HEADS

# SCREW HEADS FIT THE SAME SCREWDRIVER

ONE INSTRUMENT FOR DIFFERENT SCREWS



# ATRAUMATIC SCREW TIP

OFFERS SOFT TISSUE PROTECTION WHEN INSERTING SCREWS BICORTICALLY

# 2x FASTER

WITH DOUBLE LEAD



# MULTIDIRECTIONAL ANGULAR STABILITY ± 15°



# ROUNDED, LOW-PROFILE SCREW HEADS

AN ABSENCE OF SCREW HEAD PROMINENCE PROVIDES LESS CHANCE OF SOFT TISSUE IRRITATION EVEN FOR MAXIMUM LOCKING SCREW ANGULATION

# MINIMAL SCREW HEAD PROTRUSION

THANKS TO INTERNAL LOCKING CONTOUR







- SOFT TISSUE PROTECTION DUE TO SMOOTH SCREW HEAD DESIGN
- SCREWS CAN BE RELOCKED IN THE SAME SCREW HOLE AT INDIVIDUAL ANGLES UP TO THREE TIMES



# PERFECT SELF-RETAINING FUNCTION

- EASY PICK-UP, INSERTION,
  TIGHTENING AND REMOVAL OF SCREWS
- SCREWS CAN BE UNLOCKED THEN
  RELOCATED AND LOCKED TO ANOTHER
  POSITION IF NEEDED



888

О

4002057

5-holes

w/compression

slot

888

4002056

4-holes



TITANIUM PLATES 0.8 MM



w/compression

slot





w/compression

slot







4002165 6-holes, right, w/compression slot

P

0

C

4002166 6-holes, left, w/compression slot

0.8 mm FROG



4002168 6-holes, w/compression slot



4002123 5holes



11







T FORM



2/4-holes

slot

← 15 mm →

О

4002191

9-

holes

U,

← 10 →

80

4002120

2/3-

holes









4002121 5-holes, 110°, right, w/compression slot



← 9 → 99

4002467

4 x 2-holes

w/compression

slot

4002297

4 x 2-

holes



4002454 5 x 2-holes w/compression slot





4002470

4 x 2-holes replantation w/compression slot

HOOK 0.8 mm



4002436 2 x 2-holes



4002438 1-hole



















4002495 2-holes







**←** 9 →

4002453

3 x 2-holes

w/compression

slot

**4002183** 2 x 2 + 2-







HAND SYSTEM

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← 9 →

88

4002435

2 x 2-

holes

12



← 9 →

0.8 mm



4002170 3/3holes



4002232 3/4-holes w/compression slot



4002381 3/5-holes w/compression slot



# 4002122

5-holes, 110°, left, w/compression slot











8





← 10

4002455 3 x 2-holes w/compression slot

← 10 →

888.888 888.88



4002175 6 x 2-holes w/compression slot



00000 4002059 4-

holes

4002125 5-holes w/compression slot

8

õ

8



4002243 7-holes w/compression slot

8

8

0 0 0



Ō

8

 $\cap$ 

O

O O



14



FORM 1.2 mm



4002471 4 x 2-holes w/compression slot



4002174 5 x 2-holes w/compression slot





4002494 8 x 2-holes w/compression slot







Y FORM 1.2 mm







← 12→

О

4002496

2/7-holes

w/compression

slot

O



4002185 3/5-holes w/compression slot

4002234 3/3holes

4002236 3/4-holes w/compression slot

16















4002181 8-holes, w/compression slot

4002192 9-holes, w/compression slot

Z FORM



4002472 13-holes

17





L FORM 1.2 mm







4002061 7-holes, round

**...** 

4002246 8-holes,

← 15 mm -

square











HAND SYSTEM

AUDA



# **INDICATIONS**

- For fusion of scaphoid, trapezium and trapezoid (STT)
- For fusion of capitate, hamate, triquetrum and lunate





# **TITANIUM SCREWS 1.2**

	Length	Self-tapping, Standard TX 5	
		Standard, TX 5	
	L	Ø <b>1.2 mm</b>	Paq.
1	4 mm	5020104	5
	5 mm	5020105	5
	6 mm	5020106	5
	7 mm	5020107	5
	8 mm	5020108	5
	9 mm	5020109	5
	10 mm	5020110	5
	11 mm	5020111	5
	12 mm	5020112	5
	13 mm	5020113	5
	14 mm	5020114	5





Tita for 2.0

Ø 4.5 mm

4002062 Titanium washer for 2.0 / 2.3 mm screws, pack/5



Ø 5.0 mm

4002060 Titanium washer for 2.0 / 2.3 mm screws, pack/5



Multidirectional, Locking, TX 6

L	Ø <b>1.5 mm</b>
4 mm	5015104
5 mm	5015105
6 mm	5015106
7 mm	5015107
8 mm	5015108
9 mm	5015109
10 mm	5015110
11 mm	5015111
12 mm	5015112
13 mm	5015113
14 mm	5015114
15 mm	5015115
16 mm	5015116
17 mm	5015117
18 mm	5015118
19 mm	5015119
20 mm	5015120
21 mm	5015121
22 mm	5015122
23 mm	5015123
24 mm	5015124

Drill - ø 1.1 mm



# **TITANIUM SCREWS 1.5**





- Double Thread
- 2 x Faster Insertion

Self-tapping, Standard, TX 6

Ø <b>1.5 mm</b>	Pack
5015004	5
5015005	5
5015006	5
5015007	5
5015008	5
5015009	5
5015010	5
5015011	5
5015012	5
5015013	5
5015014	5
5015015	5
5015016	5
5015017	5
5015018	5
5015019	5
5015020	5
5015021	5
5015022	5
5015023	5
5015024	5





**TITANIUM SCREWS 2.0** 



**TITANIUM SCREWS 2.3** 



Multidirectional, Locking, TX 6

L	Ø <b>2.3 mm</b>
5 mm	5031105
6 mm	5031106
7 mm	5031107
8 mm	5031108
9 mm	5031109
10 mm	5031110
11 mm	5031111
12 mm	5031112
13 mm	5031113
14 mm	5031114
15 mm	5031115
16 mm	5031116
17 mm	5031117
18 mm	5031118
19 mm	5031119
20 mm	5031120
21 mm	5031121
22 mm	5031122
23 mm	5031123
24 mm	5031124
25 mm	5031125
26 mm	5031126
27 mm	5031127
28 mm	5031128
29 mm	5031129
30 mm	5031130

Drill - ø 1.8 mm







- Double Thread
- 2 x Faster Insertion

Self-tapping, Standard, TX 6

Ø <b>2.3 mm</b>	Pack
5031005	5
5031006	5
5031007	5
5031008	5
5031009	5
5031010	5
5031011	5
5031012	5
5031013	5
5031014	5
5031015	5
5031016	5
5031017	5
5031018	5
5031019	5
5031020	5
5031021	5
5031022	5
5031023	5
5031024	5
5031025	5
5031026	5
5031027	5
5031028	5
5031029	5
5031030	5





# SURGICAL TECHNIQUES

# **INDICATIONS**

Treatment of fractures and reconstructive procedures on small bones and bone fragments, for arthrodeses of small joints, especially for

- Avulsion fractures
- Shaft, comminuted and luxation fractures
- Transverse, oblique and spiral fractures and fractures near joints with and without joint involvement
- Arthrodeses and • reconstructive procedures of the distal, middle and proximal phalanges as well as the metacarpals
- DIP, PIP and Carpal Arthrodesis

# **Preoperative planning**

scan is recommended for further clarification.

# Patient positioning

• The patient is placed in the supine position on the operating table. The hand to be operated on is placed in the pronation position of the lower arm on the hand side table.

STEP 1





# **CONTRAINDICATIONS**

- Inadequate bone quantity
- Patients with active infections
- Patients with metal allergies and foreign body sensitivity
- Patients with limited blood supply
- Severely non-compliant patients with mental or neurological conditions who are unwilling or incapable of following postoperative care instructions
- Patients with unstable physical and/or mental health conditions

# TRANSVERSE FRACTURE OF THE METACARPAL BONE

• In addition to making standard exposures of the metacarpus with an A/P, strictly lateral and possibly also oblique beam, in the case of intra-articular fractures a high-resolution computed tomography

# Dorsal approach

Opening is performed by making a dorsal, slightly curved incision above the relevant metacarpal bone.

# Exposure of the fracture

The skin incision is followed by blunt dissection of the subcutaneous tissue, protecting the dorsal veins of the hand and sensitive nerve branches.

- The extensor tendons are mobilized and retracted together with the loosely connected soft tissue, preferably without transecting the tendinous junction.
- In the next step the periosteum on the metacarpal is incised longitudinally and the dorsal interosseous muscles are partially released with the periosteum.

# Note:

Complete release of the muscles and injury of the palmar structures must be prevented.







- Reduction of the fracture For manual reduction there are various techniques available.
- It can be performed with maximum flexion of the MCP and PIP joints by applying slight thumb pressure to the middle phalanx and simultaneously applying counter pressure to the metacarpal with the other fingers.
- When all the fingers close to the MCP joint are flexed, rotational alignment is achieved.
- Optionally, if there is substantial instability, K-wires can be used for temporary fixation of the reduction.

• In addition to the manual reduction

fractures.

of the fracture by the surgeon, either

the small reduction forceps 1008060

integrated into the Panda system can

be used for spiral fractures or oblique

• The plate can be temporarily fixated

with plate holding forceps and/or

alternately with K-wires (1101123).

purpose. If fixation is performed with K-wires, it is advisable to first introduce a K-wire to the circular hole close to the joint and then introduce another K-wire to the elongated K-wire hole, at the side

distant from the fracture.

Special K-wire slots are provided for this

# STEP 3



# **STEP 4**



# **PLATES FIXATION**

1008060





# Selection and placement of the osteosynthesis plate

By way of example, treatment in the present indication is performed using a grid plate with a profile thickness of 1.2 mm. Since the grid plate has two rows, rotational stability can be increased, even if standard screws are used. However, the osteosynthesis plate is always selected according to the course of the fracture and the patient's anatomy.

• If necessary, the osteosynthesis plate is adapted to the anatomical situation using the two plate bending forceps (1005649).

# • Drilling the first core hole

Depending on the course of the fracture, fracture compression via the plate can be indicated. If this is the case, the plate must first be fixated with screws on the side opposite the compression hole.

• To this end the core hole is first drilled with the aid of the drill guide and the appropriate core hole drill. The Panda system makes it possible to use standard and multidirectional locking screws with diameters 1.5 mm, 2.0 mm and 2.3 mm in all plate holes.

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# **IDENTIFICATION OF INSTRUMENTS**





Screw Ø	Color		
1.2 mm	Blue		
1.5 mm	Pink		
2.0 mm	Turquoise		
2.3 mm	Purple		

- Differentiation between core hole drilling and gliding hole drilling for lag screw osteosynthesis:
  - Core hole (1 colored ring)
  - Gliding hole (2 colored rings)

- Two drill guides available
  - Compression drill sleeve for eccentric drilling for the compression screw (1 colored ring)
  - Gliding hole drill sleeve for lag screw osteosynthesis (2 colored rings)

# LAG SCREW TECHNIQUE









• Drilling the gliding hole Use the twist drill for gliding holes (two colored rings) of the same system size to overdrill the near cortex.

# Note:

Do not drill further than to the fracture line.

- Drilling the core hole Use the twist drill for core holes (one colored ring) of the required system size and drill through both cortices. Drill at a right angle to the fracture line.
  - Gliding hole Core hole
- Compressing the fracture Compress the fracture with the corresponding cortical screw.

### Note:

If the cortical bone is soft, the washers (4002062, 4002060) can be used for the cortical screw in order to distribute the forces over a larger bone surface around the screw head.







• Determination of screw length Correct screw length is determined with depth gauge (1006024).

# 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.



**DETERMINATION OF SCREW LENGTH** 





- 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 6







Screwdriver blade 1001013 for diameters 1,5 mm / 2,0 mm y 2,3 mm

> Screwdriver blade 1001045 for diameters 1,2 mm

- Now more screws are placed by means of the technique described in steps 4-6.
   Optionally, multidirectional locking screws can be used to increase stability.
- At this point, it is advisable to conduct a clinical assessment of correct rotation and make an X-ray to check the position of the implants.







Placement of the compression screw If compression plate osteosynthesis is planned, after successful introduction of the first screws the compression screw is now introduced to the compression hole in order to securely close the fracture gap. Standard screws with diameters 1.5 mm, 2.0 mm and 2.3 mm can be used.

• For this purpose the compression drill sleeve is clicked into the open working end of the handle 1008009. The arrows on the compression drill sleeve point toward the fracture gap when drilling. By analogy with the first screws, the core hole is drilled and the length of the screw is determined.









#### Closing the fracture gap • When it is being driven in, the standard screw glides over the sloping surface integrated into the compression hole, toward the fracture gap, and closes it.

• To ensure that gliding takes place, the K-wire hole in the plate is also elongated so it allows the placed K-wire to also migrate when the fracture gap is being closed.

# Note:

In the compression hole only standard screws are used.









- Placement of further screws To achieve adequate early functional stability more distal plate holes are filled with screws. The procedure for this is described in steps 4 to 6.
- The number of screws and the selection of screw diameter and type depend on the specific anatomy of the patient and the required stability.

# STEP 11



# PANDA HAND SYSTEM

STEP 10



# Wound closure

The flat implant design usually permits closure of the periosteum above the implants in order to prevent tendon adhesions.

• That is followed by skin suture.



PANDA HAND SYSTEM

- **Postoperative treatment** After surgery, a detachable splint surrounding the metacarpus should be applied to protect the wound and the osteosynthesis, without including the fingers or inhibiting the metacarpophalan-geal joints.
- If patients with stable internal fixation are cooperative, the splint can be removed when swelling has subsided, otherwise 4-6 weeks after osteosynthesis. At night the splint can be worn for a lengthy period if it helps to increase patient comfort.
- Patients should begin exercises themselves directly after surgery in order to achieve free mobility of all the fingers, and especially the basal joints. If problems arise, hand therapy should be initiated at an early stage.
- The stitches can be taken out 10 to 14 days after surgery.
- A confirmation X-ray is made 6 weeks after internal fixation.





# SURGICAL TECHNIQUE OBLIQUE FRACTURE OF THE PROXIMAL PHALANX

# **Preoperative planning**

• First of all, standard X-rays are taken in the A/P and lateral planes, with the hand in neutral position. In the case of intraarticular fractures a high-resolution computed tomography scan is recommended for further clarification.

# **Patient positioning**

• The patient is placed in the supine position on the operating table. The hand to be operated on is placed in the pronation position of the lower arm on the extension table.

# STEP 1



# Approach

With simple types of fracture the lateral approach is recommended, with mobilization of the oblique portion, extensor aponeurosis, and lateral placement of the osteosynthesis implants.

- In the case of complex fractures or comminuted fracture zones the opening is made by a dorsal, slightly curved incision, starting at the level of the MCP joint, up to the PIP joint.
- Exposure of the fracture The skin incision is followed by blunt spreading of the subcutaneous tissue, with protection and local coagulation of the veins. When the extensor hood has been exposed, it is subjected to a median longitudinal incision.
- That is followed by subperiostal exposure of the fractured proximal phalanx.

# STEP 2



# STEP 3





SYSTEM



# • Reduction of the fracture In addition to manual reduction of the fracture by the surgeon, either the reduction forceps 1008060 integrated into the Panda system can be used.



By way of example, treatment in the present indication is performed using a T-plate with a profile thickness of 0.8 mm. The osteosynthesis plate is always selected according to the course of the fracture and the patient's anatomy.

The plate can be temporarily fixated with K-wires. Special K-wire holes are provided for this purpose. Alternatively, the reduction forceps 1008060 can also be used.

# Note:

If necessary, the osteosynthesis plate is adapted to the anatomical situation using the two plate bending forceps (1005649).







• Drilling the first core hole

Depending on the course of the fracture, fracture compression via the plate can be indicated. In this case the plate must first be fixated on the side opposite the compression hole.

- To this end the core hole is drilled with the aid of the drill guide and the appropriate core hole drill.
- The Panda system makes it possible to use standard and multidirectional locking screws with diameters 1.5 mm, 2.0 mm and 2.3 mm in all plate holes.

STEP 6



STEP 5



• Determination of screw length

Correct screw length is determined with depth gauge 1006024, which can be used in all cases for screw diameters 1.2 mm - 2.3 mm.

# 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.





 Now the second screw is placed by means of the technique described in steps 4-6.
 Optionally, a multidirectional locking screw can be used to increase strength. At this point, it is advisable to conduct a clinical assessment of correct rotation and make an X-ray to check the position of the implants.

## Note:

In the compression hole only standard screws are used.







Placement of the compression screw If compression plate osteosynthesis is planned, after successful implantation of the first screws the compression screw is now introduced to the compression hole in order to securely close the fracture gap. Standard screws with diameters 1.5 mm, 2.0 mm and 2.3 mm can be used.

• For this purpose the compression drill sleeve is clicked into the working end of the handle 1008009. The arrows on the compression drill sleeve point toward the fracture when drilling. By analogy with the first screws, the core hole is drilled and the length of the screw is determined.

# STEP 8









• Closing the fracture gap When it is being inserted, the standard screw glides over the sloping surface integrated into the compression hole, toward the fracture gap, and closes it.

• To ensure that gliding takes place, the K-wire hole in the plate is also elongated so it allows the placed K-wire to also migrate when the fracture gap is being closed.







- Placement of further screws To achieve adequate early functional stability more plate holes are filled with screws. The procedure for this is described in steps 4 to 6.
- The number of screws and the selection of screw diameter and type depend on the specific anatomy of the patient and the required stability.

# SURGICAL TECHNIQUE **BONY EXTENSOR TENDON AVULSION OF THE DISTAL PHALANX**

# Preoperative planning

• The X-rays are taken in the A/P and lateral planes, with the finger in neutral, focusing on the distal interphalangeal joint. The surgical indication for reduction and osteosynthesis is dislocation of the dorsal fragment and a fragment size that involves at least 1/3 of the joint surface, or palmar dislocation of the distal phalanx.

# Patient positioning

• The patient is placed in the supine position on the operating table. The hand to be operated on is placed in the pronation position of the lower arm on the extension table.

STEP 1





# **STEP 10**



# Wound closure

The flat implant design usually permits suture of the periosteum in order to prevent adhesions. That is followed by side-to-side suture of the extensor tendon and skin suture.

Postoperative treatment

Following surgery, immobilization for a few days may be advisable. Early functional after-treatment should commence as early as possible, adapted according to pain and swelling.

The injured finger can be splinted to the adjacent finger in order to neutralize lateral forces acting on the finger.



Dorsal approach

- Opening is performed by making a Y-shaped skin incision over the distal interphalangeal joint on the extensor side, whereby the longitudinal portion is above the extensor tendon and terminates at the level of the distal interphalangeal joint. • From here radial and ulnar incisions, each approximately 1 cm in length, are made on the distal palmar side of the nail fold. During incision
- and further preparation the nail matrix must be reliably protected.
- Exposure of the fracture Skin incision is followed by exposure of the extensor aponeurosis and the joint fragment of the distal phalanx base. The still intact ulnar and radial tendon fibers and the matrix of the nail

root may not be damaged. The fragment and fragment bed are cleaned to remove clots.







- Reduction of the fracture The DIP joint is extended. The fracture is reduced by applying light pressure to
  - the palmar side of the distal phalanx and simultaneously applying counter pressure with the wide end of drill guide on the extensor side.
- The reduction is maintained with the horizontal drill guide until final fixation of the fracture.

STEP 4



STEP 5



STEP 3



# • Drilling the core hole

The core hole is drilled to a diameter of 1.0 mm using core hole drill. The core hole penetrates the cortical bone opposite.

• Using the 1008009 handle with the 1.0 mm guide (1008053 with 2 blue rings) and the 1201016 drill (one blue ring), all two cortices are drilled, thus allowing the production of the hole by the compression screw. To protect the surrounding soft tissues, the guide (1008019 two rings) and the 1.2 mm drill (1201016 with two rings) are used, thus creating the sliding hole for the screw, preferably by free hand. **Determination of screw length** Correct screw length is determined with depth gauge 1006024.

# 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.



- Placement of the screw The fracture is fixated with a 1.2 mm diameter standard screw.
- For this purpose the screw is picked up with color-coded screw-driver 1001045. If screw length selected is ideal, the last thread turn grips in the opposite cortical bone while the atraumatic screw tip projects slightly.







• An X-ray check is performed to verify the position of the screw.

1000447

Agopaqx4 instrument tray f. Panda hand system, w/o instruments



# PASO 6





# Wound closure •

Skin suture is performed with non-absorbable suture material using the single button technique.

- Postoperative treatment ٠ After surgery, a lower-arm two-finger plaster splint is applied to the extensor side in the intrinsic-plus position, including the adjacent finger, or a plaster splint including the thumb.
- The arm should be systematically supported in a raised position and regular wound checks are recommended. Removal of the suture, usually accompanied by removal of the plaster cast, is performed about two weeks after surgery. Further immobilization of the joint that has been operated on can be achieved using a Stack splint if necessary.
- Physiotherapeutic exercise treatment (active and passive exercises) can commence.

1000150

Agopaqx4 tray for implant modules, w/4 lids, w/o implant modules

Plate-tray system Panda Hand 0.8, 1/1, w/o implants 1000446





**INSTRUMENTS** 









1000445

Plate-tray system Panda Hand 0.8, 1/2, w/o implants

Plate-tray system Panda Hand 1.2, 1/1, w/o implants 1000444



1000443









Screw-tray f/1.5 / 2.0 / 2.3, standard screws, 1000388 Panda system, w/o implants





1000107

Screw-tray f/1.5 / 2.0 / 2.3, locking screws, Panda system, w/o implants



1000108

Screw-tray f/1.2 / 1.5 / 2.0 / 2.3, Panda system, w/o implants

1000455

Tray for drills 1.0 / 1.1 / 1.5 / 1.8 system Panda, w/o implants



1000456

Tray for drills 1.2 / 1.5 / 2.0 / 2.3 system Panda, w/o implants



1001013

Screwdriver blade TX 6, 90 mm, AO-shaft







HAND SYSTEM





HAND SYSTEM

PANDA







# **OPTIONAL DRILLS (DENTAL-SHAFT)**



# SET S1489 - PANDA HAND SYSTEM

![](_page_30_Picture_6.jpeg)

Pos.	Cat.No.	Description	Qty.	Picture page
16	1006024	AGOMED DEPTH GAUGE 40 MM, ROUND F. 1,2 - 2,5 MM SCREWS	1	51
17	1008001	DRILL-GUIDE ONLY, COMPRESSION, VARIABLE, LENGTH 25 MM, DRILL Ø 1,5, PANDA SYSTEM	1	52
18	1008002	DRILL-GUIDE ONLY, VARIABLE, LENGTH 25 MM, DRILL Ø 1,8, PANDA SYSTEM	1	53
19	1008003	DRILL-GUIDE ONLY, COMPRESSION, VARIABLE, LENGTH 25 MM, DRILL Ø 1,1, PANDA SYSTEM	1	52
20	1008009	HANDLE FOR DRILL-GUIDE, ONLY HAND-SYSTEMS	2	52
21	1008017	DRILL-GUIDE ONLY, COMPRESSION, VARIABLE, LENGTH 25 MM, DRILL Ø 1,8, PANDA SYSTEM	1	52
22	1008018	DRILL-GUIDE ONLY, VARIABLE, LENGTH 25 MM, DRILL Ø 1,1, PANDA SYSTEM	1	53
23	1008019	DRILL-GUIDE ONLY, VARIABLE, LENGTH 25 MM, DRILL Ø 1,5, PANDA SYSTEM	1	53
24	1008053	DRILL-GUIDE ONLY, VARIABLE, LENGTH 25 MM, DRILL Ø 1,0, PANDA SYSTEM	1	53
25	1008060	REDUCTION FORCEPS, 9 CM	1	51
26	1101123	KIRSCHNER WIRES TROCAR/ROUND 1,0 X 100 MM, PACK/10	1	52
27	1104009	AGOMED K-WIRE DISPENSER 15 CM/6" FOR K-WIRE 0,8 - 1,6 MM DIAMETER	1	52
28	1201016	TWIST DRILL 1,0 X 80 MM, STOP 22 MM AO-SHAFT, COLOUR CODE BLUE	2	50
29	1201029	TWIST DRILL 1,8 X 110 MM, STOP 36 MM AO-SHAFT, COLOUR CODE PURPLE	2	50
30	1201167	TWIST DRILL 1,1 X 90 MM, STOP 26 MM AO-SHAFT, COLOUR CODE PINK	2	50
31	1201168	TWIST DRILL 1,5 X 100 MM, STOP 36 MM AO-SHAFT, COLOUR CODE TURQUOISE	2	50

![](_page_31_Picture_0.jpeg)

Picture page

**17** 

Qty.

Pos.	Cat.No.	Description	Qty.	Picture page	Pos.	Cat.No.	Description
32	1201169	TWIST DRILL 1,2 X 70 MM, STOP 10 MM AO-SHAFT, COLOUR CODE BLUE	2	50	65	4002233	TITANIUM PLATE 7-HOLES, Y-SHAPE, W/COMPRESSION SLOT, 0,8 MM
33	1201170	TWIST DRILL 1,5 X 70 MM, STOP 10 MM AO-SHAFT, COLOUR CODE PINK	2	50	66	4002234	TITANIUM PLATE 3/3-HOLES, T-SHAPE, 90°, 1,2 MM
34	1201171	TWIST DRILL 2,0 X 70 MM, STOP 10 MM AO-SHAFT, COLOUR CODE TURQUOISE	2	50	67	4002235	TITANIUM PLATE 5-HOLES, Y-SHAPE, 1,2 MM
35	1201172	TWIST DRILL 2,3 X 70 MM, STOP 10 MM AO-SHAFT, COLOUR CODE PURPLE	2	50	68	4002236	TITANIUM PLATE 3/4-HOLES, T-SHAPE, 90°, W/COMPRESSION SLOT, 1,2 MM
	4000050	<b>Plates</b> TITANIUM PLATE 4 HOLE, STRAIGHT,			69	4002237	TITANIUM PLATE 6-HOLES, Y-SHAPE, W/COMPRESSION SLOT, 1,2 MM
36	4002056	0,8 MM TITANIUM PLATE 5-HOLES. STRAIGHT.	1	10	70	4002243	TITANIUM PLATE 7-HOLES, STRAIGHT, W/COMPRESSION SLOT, 1,2 MM
37	4002057	W/COMPRESSION SLOT, 0,8 MM	1	10	71	4002381	TITANIUM PLATE 3/5-HOLES, T-SHAPE, 90° W/COMPRESSION SLOT, 0.8 MM
38	4002058	W/COMPRESSION SLOT, 0,8 MM	1	10	72	4002435	TITANIUM PLATE 2 X 2-HOLES, RECTANGULAR, 0.8 MM
39	4002059	1,2 MM	1	14	73	4002437	TITANIUM PLATE 9-HOLES, Z-SHAPE 0.8 MM
40	4002120	90° 0,8 MM	1	13	74	4002439	TITANIUM PLATE 2 X 2-HOLES, BECTANGULAR, 1 2 MM
41	4002123	0,8 MM	1	11	75	4002440	TITANIUM PLATE 9-HOLES, Z-SHAPE,
42	4002125	THANIUM PLATE 5-HOLES, STRAIGHT, W/COMPRESSION SLOT, 1,2 MM	1	14	70	4000 450	TITANIUM PLATE 3 X 2-HOLES,
43	4002165	TITANIUM PLATE 6-HOLES, L-SHAPE, 90°, RIGHT W/COMPRESSION SLOT,	1	11	76	4002453	RECTANGULAR, W/COMPRESSION SLOT, 0,8 MM
4.4	4000466	TITANIUM PLATE 6-HOLES, L-SHAPE,	4	44	77	4002454	RECTANGULAR, W/COMPRESSION SLOT,
44	4002100	90, LEFT W/COMPRESSION SLOT, 0,8 MM	1	"	78	4002455	TITANIUM PLATE 3 X 2-HOLES, RECTANGULAR, W/COMPRESSION SLOT
45	4002167	W/COMPRESSION SLOT, 0,8 MM	1	13	70	7002755	1,2 MM
46	4002168	W/COMPRESSION SLOT, 0,8 MM	1	11	79	4002467	RECTANGULAR, W/COMPRESSION SLOT, 0.8 MM
47	4002169	ITTANIUM PLATE 2/4-HOLES, I-SHAPE, 90° W/COMPRESSION SLOT, 0,8 MM	1	13	80	4002468	TITANIUM PLATE 13-HOLES, Z-SHAPE 0.8 MM
48	4002170	TITANIUM PLATE 3/3-HOLES, T-SHAPE, 90° 0,8 MM	1	13	<u>81</u>	1002469	TITANIUM PLATE 6 X 2-HOLES, BECTANGULAR, W/COMPRESSION SLOT
49	4002171	TITANIUM PLATE 6-HOLES, Y-SHAPE, W/COMPRESSION SLOT, 0,8 MM	1	11	01	4002400	0,8 MM
50	4002172	TITANIUM PLATE 7-HOLES, L-SHAPE, 90°, RIGHT W/COMPRESSION SLOT, 1,2 MM	1	18	82	4002471	RECTANGULAR, W/COMPRESSION SLOT, 1,2 MM
51	4002173	TITANIUM PLATE 7-HOLES, L-SHAPE, 90°, LEFT W/COMPRESSION SLOT,	1	18	83	4002472	TITANIUM PLATE 13-HOLES, Z-SHAPE, 1,2 MM
		1,2 MM TITANIUM PLATE 5 X 2-HOLES.			9.4	4000060	Screws TITANIUM WASHER F. 2,0 / 2,3 MM SCREWS,
52	4002174	RECTANGULAR, W/COMPRESSION SLOT, 1,2 MM	1	15	04	4002000	1,2 MM, PACK/5 TITANIUM WASHER F. 2,0 / 2,3 MM SCREWS,
53	4002175	TITANIUM PLATE 6 X 2-HOLES, RECTANGULAR, W/COMPRESSION SLOT,	1	15	CS	4002062	0,8 MM, PACK/5 TITANIUM SCREW, 1.5 X 5 MM, TX 6,
		1,2 MM TITANIUM PLATE 2/3-HOLES, T-SHAPE, 90°,			86	5015005	STANDARD, SELF-TAPPING, PACK/5
54	4002176	1,2 MM TITANIUM PLATE 2/6-HOLES, T-SHAPE, 90°,	1	16	87	5015006	STANDARD, SELF-TAPPING, PACK/5
55	4002177	W/COMPRESSION SLOT, 1,2 MM	1	16	88	5015007	STANDARD, SELF-TAPPING, PACK/5
56	4002179	W/COMPRESSION SLOT, 1,2 MM	1	14	89	5015008	STANDARD, SELF-TAPPING, PACK/5
57	4002180	W/COMPRESSION SLOT, 1,2 MM	1	17	90	5015009	STANDARD, SELF-TAPPING, PACK/5
58	4002181	W/COMPRESSION SLOT, 1,2 MM	1	17	91	5015010	STANDARD, SELF-TAPPING, PACK/5
59	4002184	W/COMPRESSION SLOT, 1,2 MM	1	16	92	5015011	TTANIUM SCREW, 1,5 X 11 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5
60	4002185	W/COMPRESSION SLOT, 1,2 MM	1	16	93	5015012	TITANIUM SCREW, 1,5 X 12 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5
61	4002186	W/COMPRESSION SLOT, 1,2 MM	1	16	94	5015013	TITANIUM SCREW, 1,5 X 13 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5
62	4002187	TITANIUM PLATE 6-HOLES, FROG, W/COMPRESSION SLOT, 1,2 MM	1	17	95	5015014	TITANIUM SCREW, 1,5 X 14 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5
63	4002190	TITANIUM PLATE 2/5-HOLES, T-SHAPE, 90°, W/COMPRESSION SLOT, 1,2 MM	1	16	96	5015015	TITANIUM SCREW, 1,5 X 15 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5
64	4002232	TITANIUM PLATE 3/4-HOLES, T-SHAPE, 90° W/COMPRESSION SLOT, 0,8 MM	1	13	97	5015016	TITANIUM SCREW, 1,5 X 16 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5

Pos.	Cat.No.	Description	Qty.	Picture page	Pos.	Cat.No.	Description	Qty.	Picture page
98	5015017	TITANIUM SCREW, 1,5 X 17 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	21	134	5016105	TITANIUM SCREW 2,0 X 5 MM, TX 6, THREADED HEAD, PACK/5	1	22
99	5015018	TITANIUM SCREW, 1,5 X 18 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	21	135	5016106	TITANIUM SCREW 2,0 X 6 MM, TX 6, THREADED HEAD, PACK/5	1	22
100	5015019	TITANIUM SCREW, 1,5 X 19 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	21	136	5016107	TITANIUM SCREW 2,0 X 7 MM, TX 6, THREADED HEAD, PACK/5	1	22
101	5015020	TITANIUM SCREW, 1,5 X 20 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	21	137	5016108	TITANIUM SCREW 2,0 X 8 MM, TX 6, THREADED HEAD, PACK/5	1	22
102	5015105	TITANIUM SCREW, 1,5 X 5 MM, TX 6, THREADED HEAD, PACK/5	1	21	138	5016109	TITANIUM SCREW 2,0 X 9 MM, TX 6, THREADED HEAD, PACK/5	1	22
103	5015106	TITANIUM SCREW, 1,5 X 6 MM, TX 6, THREADED HEAD, PACK/5	1	21	139	5016110	TITANIUM SCREW 2,0 X 10 MM, TX 6, THREADED HEAD, PACK/5	1	22
104	5015107	TITANIUM SCREW, 1,5 X 7 MM, TX 6, THREADED HEAD, PACK/5	1	21	140	5016111	TITANIUM SCREW 2,0 X 11 MM, TX 6, THREADED HEAD, PACK/5	1	22
105	5015108	TITANIUM SCREW, 1,5 X 8 MM, TX 6, THREADED HEAD, PACK/5	1	21	141	5016112	TITANIUM SCREW 2,0 X 12 MM, TX 6, THREADED HEAD, PACK/5	1	22
106	5015109	TITANIUM SCREW, 1,5 X 9 MM, TX 6, THREADED HEAD, PACK/5	1	21	142	5016113	TITANIUM SCREW 2,0 X 13 MM, TX 6, THREADED HEAD, PACK/5	1	22
107	5015110	TITANIUM SCREW, 1,5 X 10 MM, TX 6, THREADED HEAD, PACK/5	1	21	143	5016114	TITANIUM SCREW 2,0 X 14 MM, TX 6, THREADED HEAD, PACK/5	1	22
108	5015111	TITANIUM SCREW, 1,5 X 11 MM, TX 6, THREADED HEAD, PACK/5	1	21	144	5016115	TITANIUM SCREW 2,0 X 15 MM, TX 6, THREADED HEAD, PACK/5	1	22
109	5015112	TITANIUM SCREW, 1,5 X 12 MM, TX 6, THREADED HEAD, PACK/5	1	21	145	5016116	TITANIUM SCREW 2,0 X 16 MM, TX 6, THREADED HEAD, PACK/5	1	22
110	5015113	TITANIUM SCREW, 1,5 X 13 MM, TX 6, THREADED HEAD, PACK/5	1	21	146	5016117	TITANIUM SCREW 2,0 X 17 MM, TX 6, THREADED HEAD, PACK/5	1	22
111	5015114	TITANIUM SCREW, 1,5 X 14 MM, TX 6, THREADED HEAD, PACK/5	1	21	147	5016118	TITANIUM SCREW 2,0 X 18 MM, TX 6, THREADED HEAD, PACK/5	1	22
112	5015115	TITANIUM SCREW, 1,5 X 15 MM, TX 6, THREADED HEAD, PACK/5	1	21	148	5016119	TITANIUM SCREW 2,0 X 19 MM, TX 6, THREADED HEAD, PACK/5	1	22
113	5015116	TITANIUM SCREW, 1,5 X 16 MM, TX 6, THREADED HEAD, PACK/5	1	21	149	5016120	TITANIUM SCREW 2,0 X 20 MM, TX 6, THREADED HEAD, PACK/5	1	22
114	5015117	TITANIUM SCREW, 1,5 X 17 MM, TX 6, THREADED HEAD, PACK/5	1	21	150	5031005	TITANIUM SCREW 2,3 X 5 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
115	5015118	TITANIUM SCREW, 1,5 X 18 MM, TX 6, THREADED HEAD, PACK/5	1	21	151	5031006	TITANIUM SCREW 2,3 X 6 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
116	5015119	TITANIUM SCREW, 1,5 X 19 MM, TX 6, THREADED HEAD, PACK/5	1	21	152	5031007	TITANIUM SCREW 2,3 X 7 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
117	5015120	TITANIUM SCREW, 1,5 X 20 MM, TX 6, THREADED HEAD, PACK/5	1	21	153	5031008	TITANIUM SCREW 2,3 X 8 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
118	5016005	TITANIUM SCREW, 2,0 X 5 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	154	5031009	TITANIUM SCREW 2,3 X 9 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
119	5016006	TITANIUM SCREW, 2,0 X 6 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	155	5031010	TITANIUM SCREW 2,3 X 10 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
120	5016007	TITANIUM SCREW, 2,0 X 7 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	156	5031011	TITANIUM SCREW 2,3 X 11 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
121	5016008	TITANIUM SCREW, 2,0 X 8 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	157	5031012	TITANIUM SCREW 2,3 X 12 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
122	5016009	TITANIUM SCREW, 2,0 X 9 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	158	5031013	TITANIUM SCREW 2,3 X 13 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
123	5016010	TITANIUM SCREW, 2,0 X 10 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	159	5031014	TITANIUM SCREW 2,3 X 14 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
124	5016011	TITANIUM SCREW, 2,0 X 11 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	160	5031015	TITANIUM SCREW 2,3 X 15 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
125	5016012	TITANIUM SCREW, 2,0 X 12 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	161	5031016	TITANIUM SCREW 2,3 X 16 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
126	5016013	TITANIUM SCREW, 2,0 X 13 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	162	5031017	TITANIUM SCREW 2,3 X 17 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
127	5016014	TITANIUM SCREW, 2,0 X 14 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	163	5031018	TITANIUM SCREW 2,3 X 18 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
128	5016015	TITANIUM SCREW, 2,0 X 15 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	164	5031019	TITANIUM SCREW 2,3 X 19 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
129	5016016	TITANIUM SCREW, 2,0 X 16 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	165	5031020	TITANIUM SCREW 2,3 X 20 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	23
130	5016017	TITANIUM SCREW, 2,0 X 17 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	166	5031105	TITANIUM SCREW 2,3 X 5 MM, TX 6, THREADED HEAD, PACK/5	1	23
131	5016018	TITANIUM SCREW, 2,0 X 18 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	167	5031106	TITANIUM SCREW 2,3 X 6 MM, TX 6, THREADED HEAD, PACK/5	1	23
132	5016019	TITANIUM SCREW, 2,0 X 19 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	168	5031107	TITANIUM SCREW 2,3 X 7 MM, TX 6, THREADED HEAD, PACK/5	1	23
133	5016020	TITANIUM SCREW, 2,0 X 20 MM, TX 6, STANDARD, SELF-TAPPING, PACK/5	1	22	169	5031108	TITANIUM SCREW 2,3 X 8 MM, TX 6, THREADED HEAD, PACK/5	1	23

PANDA HAND SYSTEM

![](_page_31_Picture_4.jpeg)

![](_page_32_Picture_0.jpeg)

![](_page_32_Picture_1.jpeg)

Pos.	Cat.No.	Description	Qty.	Picture page
170	5031109	TITANIUM SCREW 2,3 X 9 MM, TX 6, THREADED HEAD, PACK/5	1	23
171	5031110	TITANIUM SCREW 2,3 X 10 MM, TX 6, THREADED HEAD, PACK/5	1	23
172	5031111	TITANIUM SCREW 2,3 X 11 MM, TX 6, THREADED HEAD, PACK/5	1	23
173	5031112	TITANIUM SCREW 2,3 X 12 MM, TX 6, THREADED HEAD, PACK/5	1	23
174	5031113	TITANIUM SCREW 2,3 X 13 MM, TX 6, THREADED HEAD, PACK/5	1	23
175	5031114	TITANIUM SCREW 2,3 X 14 MM, TX 6, THREADED HEAD, PACK/5	1	23

os.	Cat.No.	Description	Qty.	Pictur page
176	5031115	TITANIUM SCREW 2,3 X 15 MM, TX 6, THREADED HEAD, PACK/5	1	23
177	5031116	TITANIUM SCREW 2,3 X 16 MM, TX 6, THREADED HEAD, PACK/5	1	23
178	5031117	TITANIUM SCREW 2,3 X 17 MM, TX 6, THREADED HEAD, PACK/5	1	23
179	5031118	TITANIUM SCREW 2,3 X 18 MM, TX 6, THREADED HEAD, PACK/5	1	23
180	5031119	TITANIUM SCREW 2,3 X 19 MM, TX 6, THREADED HEAD, PACK/5	1	23
181	5031120	TITANIUM SCREW 2,3 X 20 MM, TX 6, THREADED HEAD, PACK/5	1	23

![](_page_32_Figure_4.jpeg)

![](_page_32_Picture_6.jpeg)

![](_page_33_Picture_0.jpeg)

![](_page_33_Picture_1.jpeg)

# **MORE OF OUR PRODUCTS**

# 2010007 King Kong Multidirectional Radius system 2.5 AGO AMED NEW 2010053 Anterior 4.0 system AGO AME

![](_page_33_Picture_4.jpeg)

![](_page_33_Picture_5.jpeg)

2010003 Titanium plating system for craniomaxillofacial osteosynthesis

![](_page_33_Picture_7.jpeg)

![](_page_33_Picture_8.jpeg)

60

HAND SYSTEM

PANDA

![](_page_33_Picture_10.jpeg)

2010015 Cannulated

Screws

![](_page_33_Picture_15.jpeg)

2010002 Foot & Ankle

system

![](_page_33_Picture_18.jpeg)

2010030 Pediatric

Screw system 6.2

2010017

AGO-Pediatric system 3.5 / 4.0

![](_page_33_Picture_23.jpeg)

![](_page_33_Picture_24.jpeg)

![](_page_33_Picture_26.jpeg)

2010016 Titanium Mesh systems for craniomaxillofacial osteosynthesis / Neuro

![](_page_33_Picture_28.jpeg)

![](_page_34_Picture_0.jpeg)

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# MADE IN GERMANY

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**C E** <sub>0297</sub>