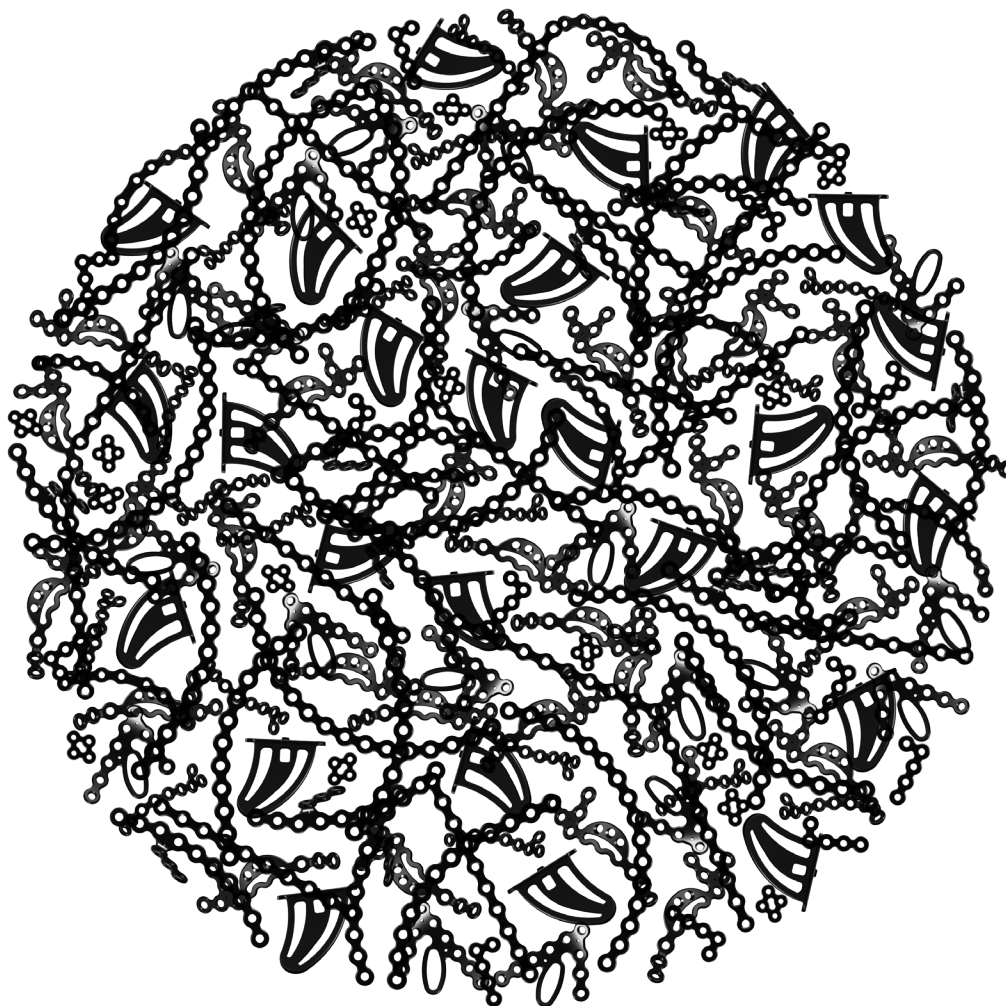


# ITS.

Implants  
trauma



**PRS** **RX**

Revolution X Pelvic Reconstruction System

**CAUTION:** Federal Law (USA) restricts this device to sale by or on the order of a board certified physician.

**WARNING:** If there is no sufficient bone healing, wrong or incomplete postoperative care, plate might break.

All ITS plates are preformed anatomically as a matter of principle. If adjustment of the plate to the shape of the bone is required, this is possible by carefully bending gently in one direction once. Particular care is required when bending in the region of a plate hole, as deformation of the plate may lead to a failure of the locking mechanism. The plate must not be buckled or bent several times. This is particularly important in the case of titanium implants, to prevent material fatigue and subsequent failure. The method of bending is the conscious responsibility of the operating doctor; I.T.S. GmbH can accept no liability whatsoever for this.

## Contents

### I. Introduction

- P. 5 Preface
- P. 6 Screws
- P. 7 Properties
- P. 8 Indications
- P. 9 Contraindications & Time of operation

### 2. Surgical Technique

- P. 10 Instruments
- P. 10 Pelvic Extension System
- P. 11 Pelvic Basis Set
- P. 12 Fractures of the acetabulum
- P. 13 Fractures of the pelvic ring
- P. 14 Fractures of the quadrilateral surface
- P. 15 Assembly of the clamp for the quadrilateral plate
- P. 15 Application of the quadrilateral plate
- P. 16 Fractures of the symphysis
- P. 17 Fractures of the ilium
- P. 18 Fractures of the SIJ
- P. 19 Ilio-iliac distance osteosynthesis
- P. 20 Postoperative treatment
- P. 20 Explantation

### 3. Information

- P. 21 Locking / Dotize®
- P. 22 Order list

# Introduction





## ○ Preface

The **Revolution X** Pelvic Reconstruction System is a proven osteosynthesis system for different fractures of the pelvis.

The special plate types cover an extended range of indications for fracture treatment of the acetabulum and the quadrilateral surface.

The free choice of screw placement is the special feature of these implants.

The user is able to set any desired screw in any-hole either locking or non-locking screw.

The free choice of screw angulation ( $\pm 15^\circ$ , see page 21) provides an advantage in fracture treatment, especially in the case of complex fractures.



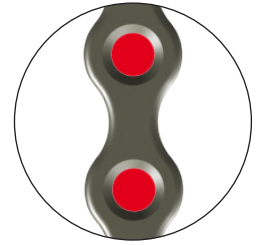
## ○ Screws

3235I-XX Cortical Screw, D=3.5mm

61273-220 Spiral Drill, D=2.7mm, L=220mm, AO Connector

KM 48-348 Hexagon-Shank, WS 2.5, L=135mm

54253-300 Hexagon-Shank, WS 2.5, L=300mm

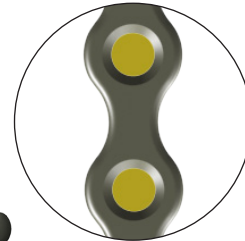


37422-XX-N Cancellous Screw, Locking, D=4.2mm

61253-220 Spiral Drill, D=2.5mm, L=220mm, AO Connector

KM 48-348 Hexagon-Shank, WS 2.5, L=135mm

54253-300 Hexagon-Shank, WS 2.5, L=300mm



3735I-XX-N Cortical Screw, Locking, D=3.5mm

61273-220 Spiral Drill, D=2.7mm, L=220mm, AO Connector

KM 48-348 Hexagon-Shank, WS 2.5, L=135mm

54253-300 Hexagon-Shank, WS 2.5, L=300mm



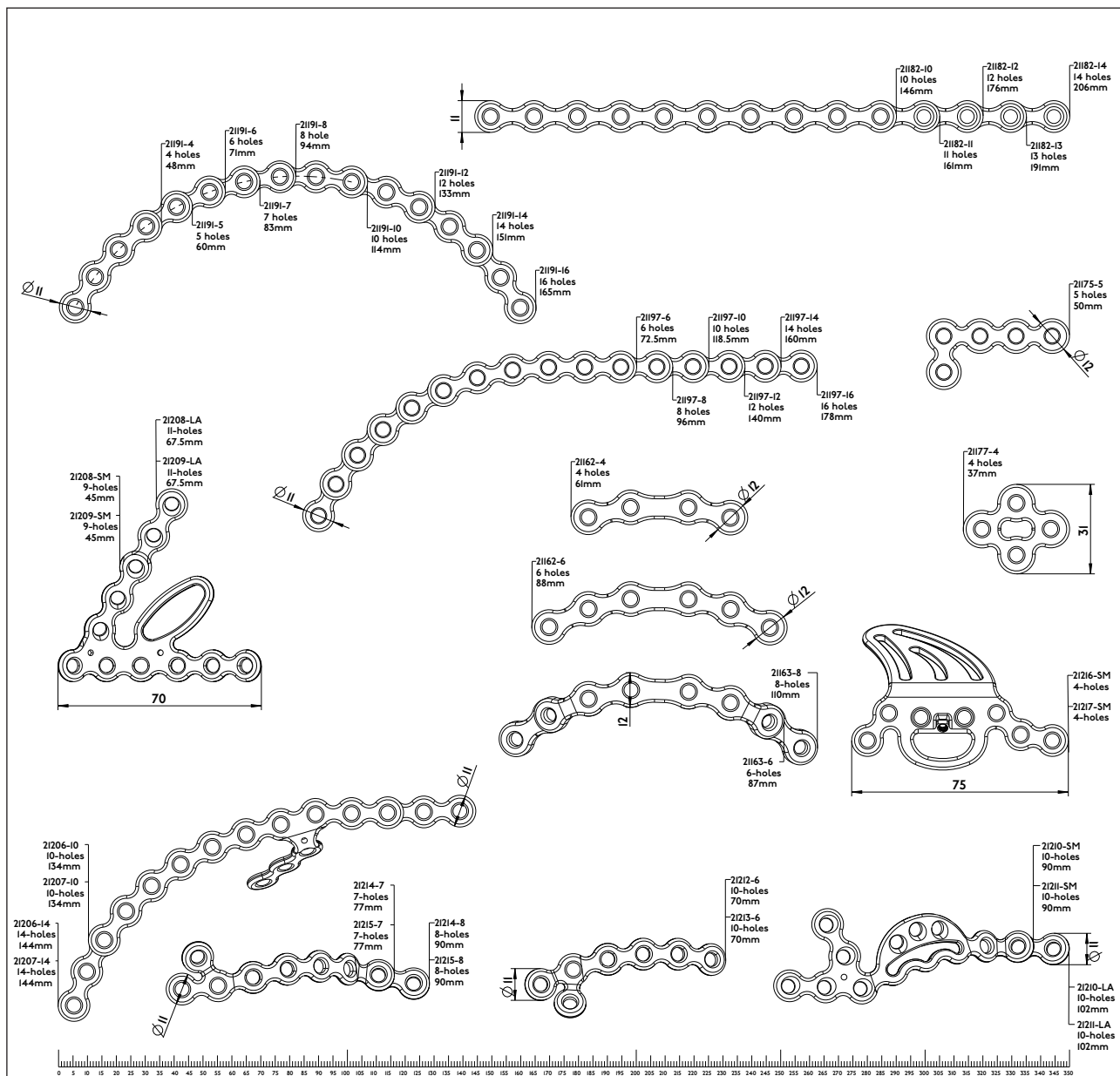
# ○ Properties

## Properties of the material:

- Plate material: Titanium
- Material of screws: TiAl6V4 ELI
- Easier removal of the implant after the fracture has healed
- Improved fatigue strength of the implant
- Reduced risk of cold welding
- Reduced risk of inflammation and allergy

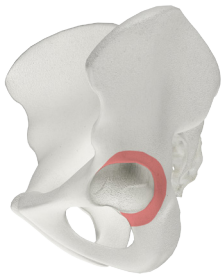
## Properties of the implant:

- Multi-directional Locking
- Can be anatomically shaped with bending irons
- Plate strength: 2.5mm (Symphysis Plate 4.0mm)
- Special plate types for fracture treatment of the acetabulum and the quadrilateral surface



## ○ Indications

- ♦ Fractures of the acetabulum:



Posterior Pelvic Wall Plate Ext.

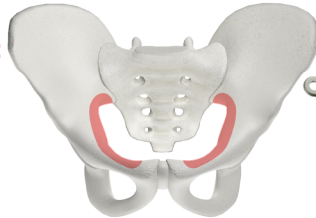


Posterior Pelvic Wall Plate & II



Curved Plate

- ♦ Fractures of the pelvic ring:



Rim Plate

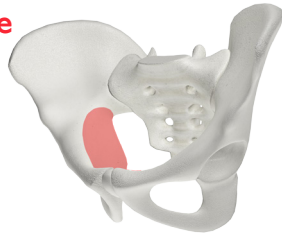


J-Plate



Curved Plate

- ♦ Fractures of the quadrilateral surface:



Quadrilateral Plate

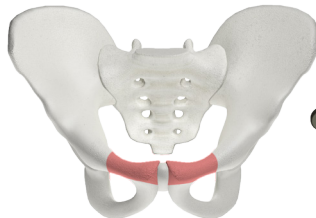


Quadrilateral Column Plate



Rim Plate

- ♦ Fractures of the symphysis:

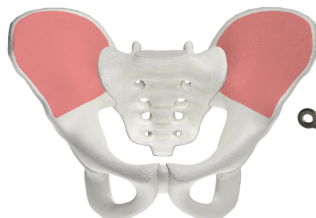


Symphysis Plate



Symphysis Plate Curved

- ♦ Fractures of the ilium:

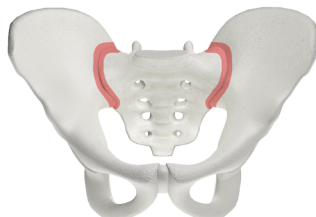


J-Plate



Curved Plate

- ♦ Fractures of the SIJ:

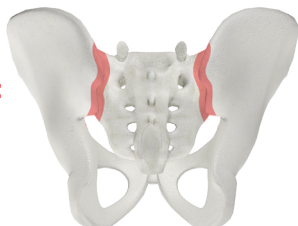


SIJ Plate Closed



SIJ Plate 5-hole

- ♦ Ilio-Iliac distance-osteosynthesis:



Straight Plate

## ○ Contraindications & Time of operation

### Contraindications:

- Existing infections in the fracture zone and operation area
- Common situations that do not allow osteosynthesis
- Obesity
- Lack of patient compliance

### Time of operation:

- Immediately after trauma or delayed

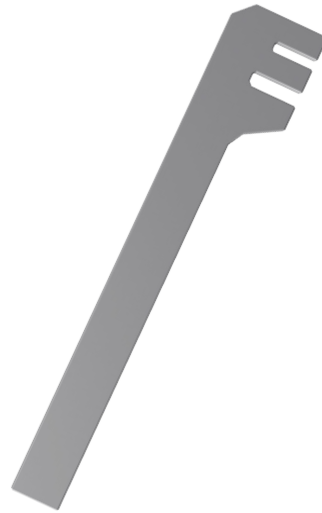
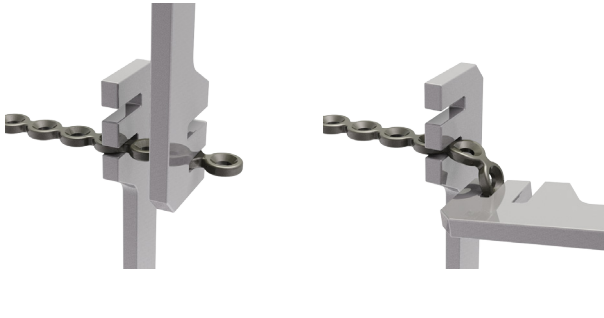
## Surgical Technique

# 2.

## ○ Instruments

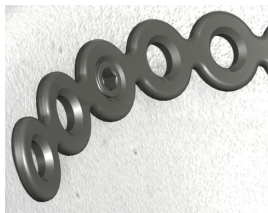
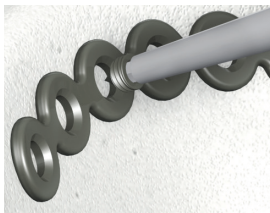
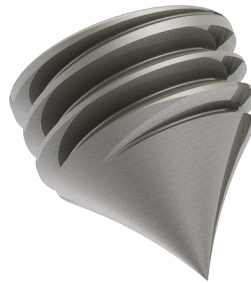
### Bending Irons:

- ♦ To form the plate to the respective pelvic region



### Spike (optional):

- ♦ For fixation of the plate to bone fragments where screw fixation is not possible because of the anatomic situation



## ○ Pelvic Extension System (optional)

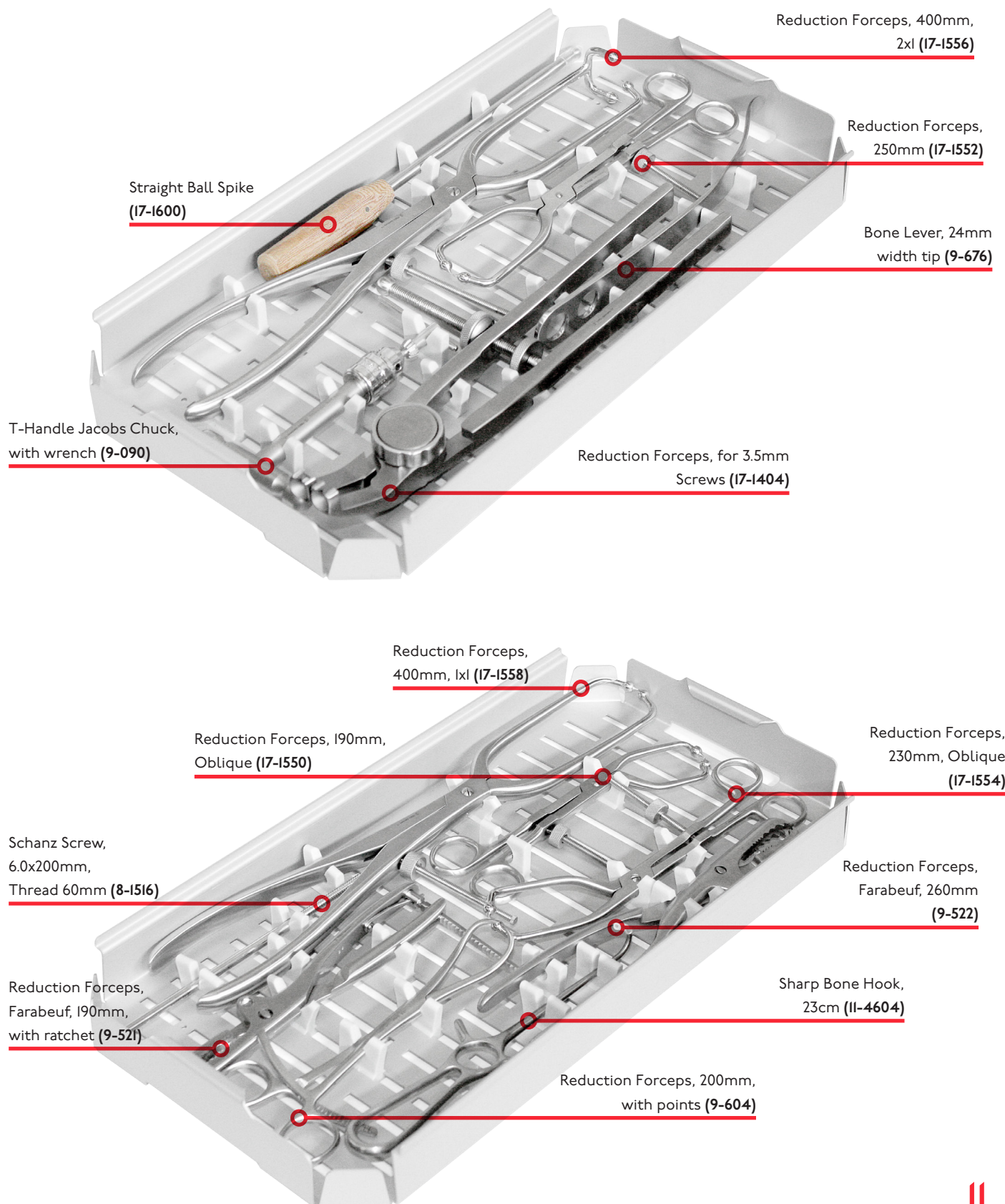
- ♦ Especially complex fractures can therefore be treated more simply
- ♦ The Pelvic Extension System expands the range of indications, due to the fact that any PRS plate can be combined with one or more plates





## ○ Pelvic Basic Set (optional)

The optional Pelvic Basic Set includes reduction forceps and various instruments to ensure proper reduction.



## ○ Fractures of the acetabulum

- ♦ Access by means of Kocher-Langenbeck approach, possibly using trochanter-flip osteotomy and surgical luxation
- ♦ Reduction and temporary fixation using a K-wire
- ♦ Appropriate final adjustment of the plate
- ♦ Application of the plate and temporary fixation using spikes and fluoroscopic or X-ray inspection
- ♦ Finally, insertion of cortical or cancellous screws (either locking or non-locking) into the holes of the plate
- ♦ Fluoroscopic or X-ray inspection
- ♦ Drainage of the area and layered closure of the wound (refixation of greater trochanter if required)



Posterior Pelvic Wall Plate  
Extended



Posterior Pelvic Wall Plate  
Posterior Pelvic Wall Plate II



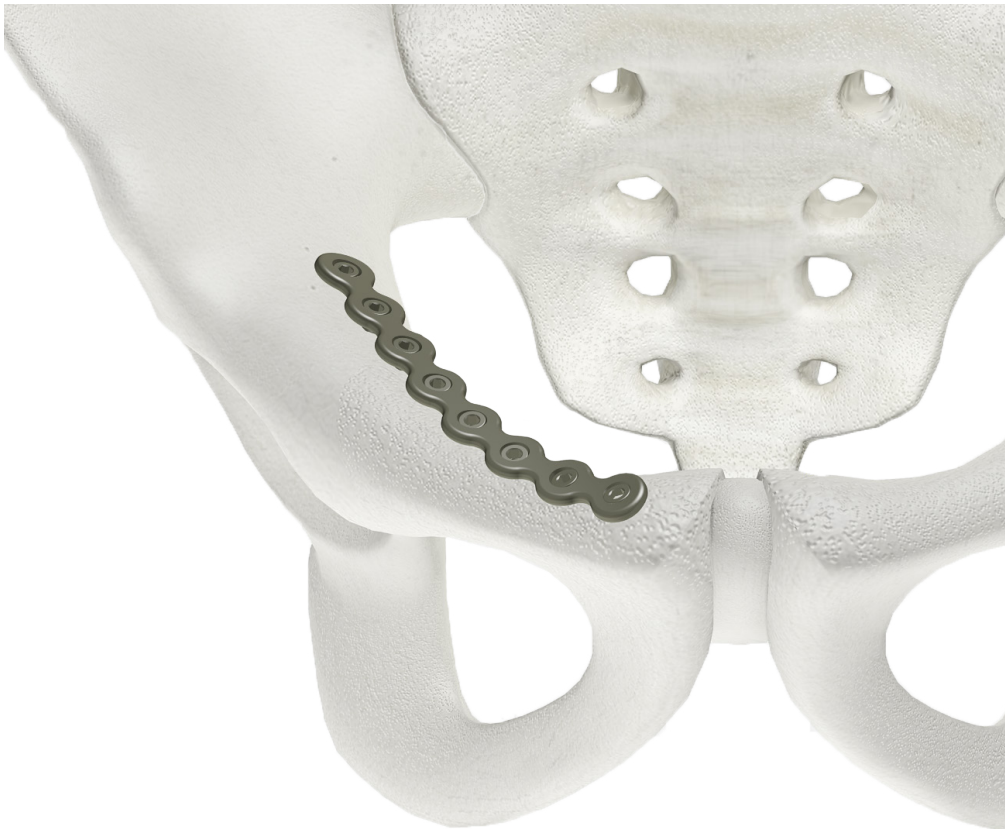
Curved Plate



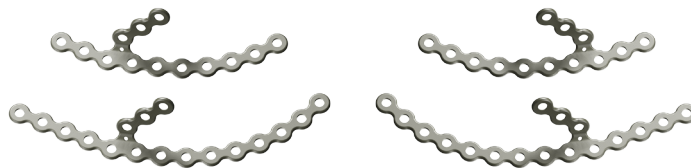


## ○ Fractures of the pelvic ring

- Ilio-inguinal approach or possibly modified Stoppa approach
- Reduction using Weber or Jungbluth forceps, Schanz screw and temporary K-wire fixation if required
- Fluoroscopic or X-ray inspection
- Adjustment and setting of reconstruction plate using bending irons
- Attachment of the plate and temporary fixation using spikes and fluoroscopic or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Conclude with fluoroscopic or X-ray inspection
- Drainage, closure of wound



Rim Plate



J-Plate

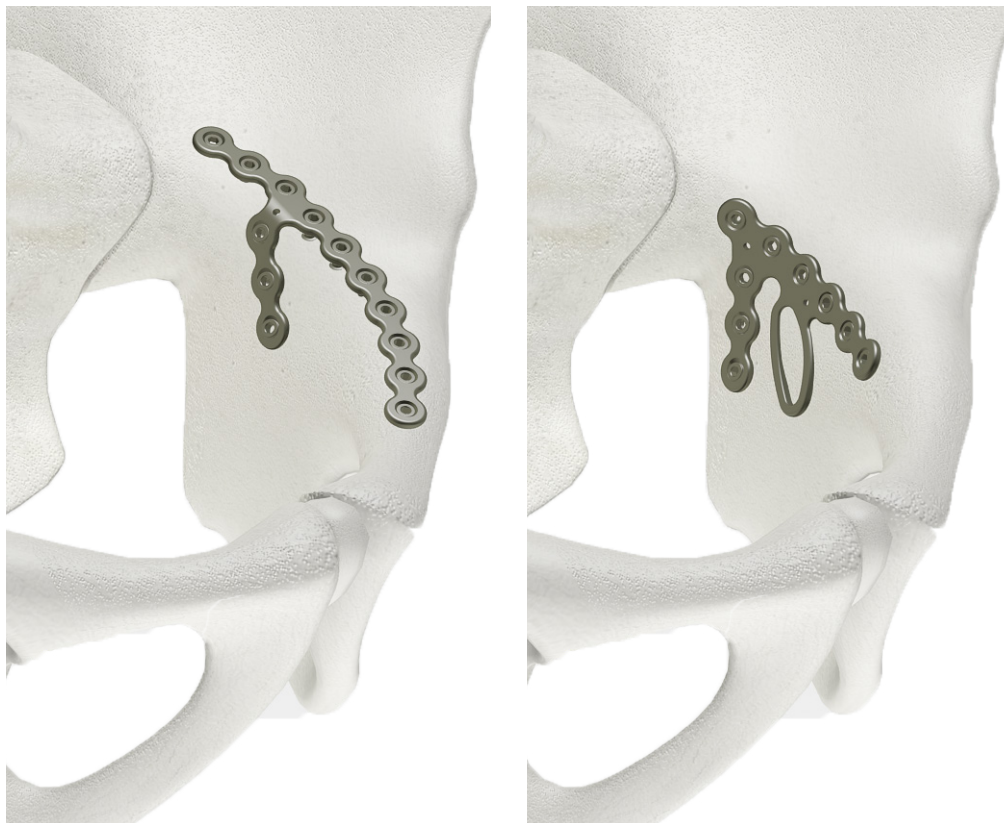


Curved Plate



## ◦ Fractures of the quadrilateral surface

- Ilio-inguinal approach or possibly modified Stoppa approach
- Reduction using Weber or Jungbluth forceps, Schanz screw and temporary K-wire fixation if required
- Fluoroscopic or X-ray inspection
- Adjustment and setting of reconstruction plate using bending irons
- Attachment of the plate and temporary fixation using spikes and fluoroscopic or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Conclude with fluoroscopic or X-ray inspection
- Drainage, closure of wound



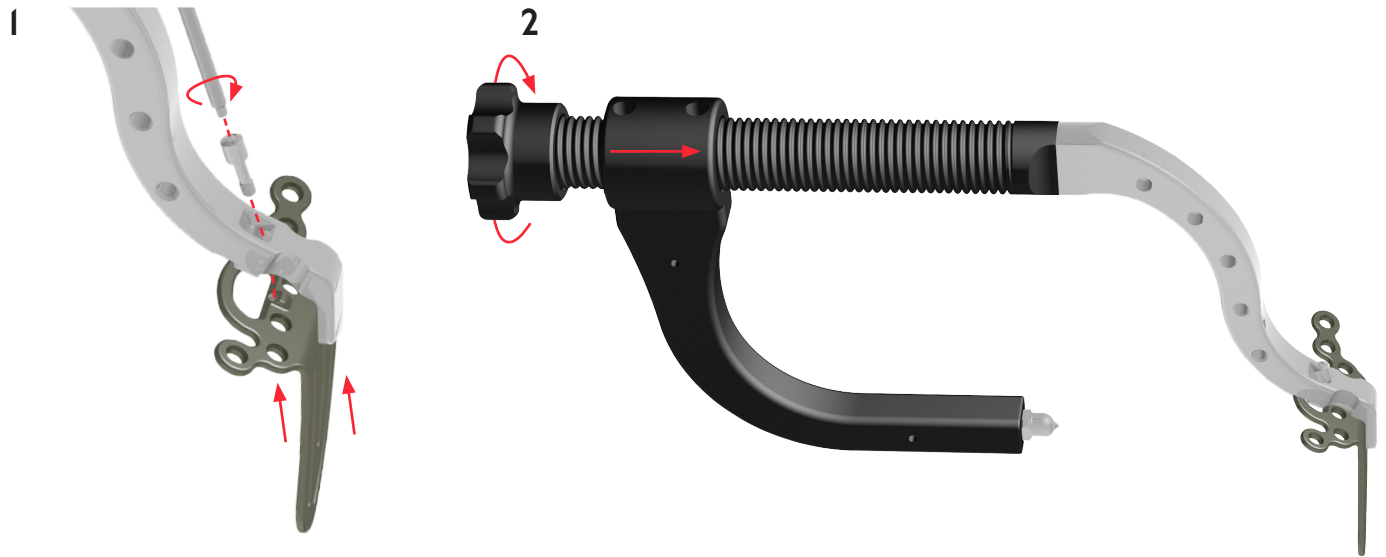
Quadrilateral  
Plate

Quadrilateral  
Column Plate

Rim Plate



## ◦ Assembly of the clamp for the quadrilateral plate

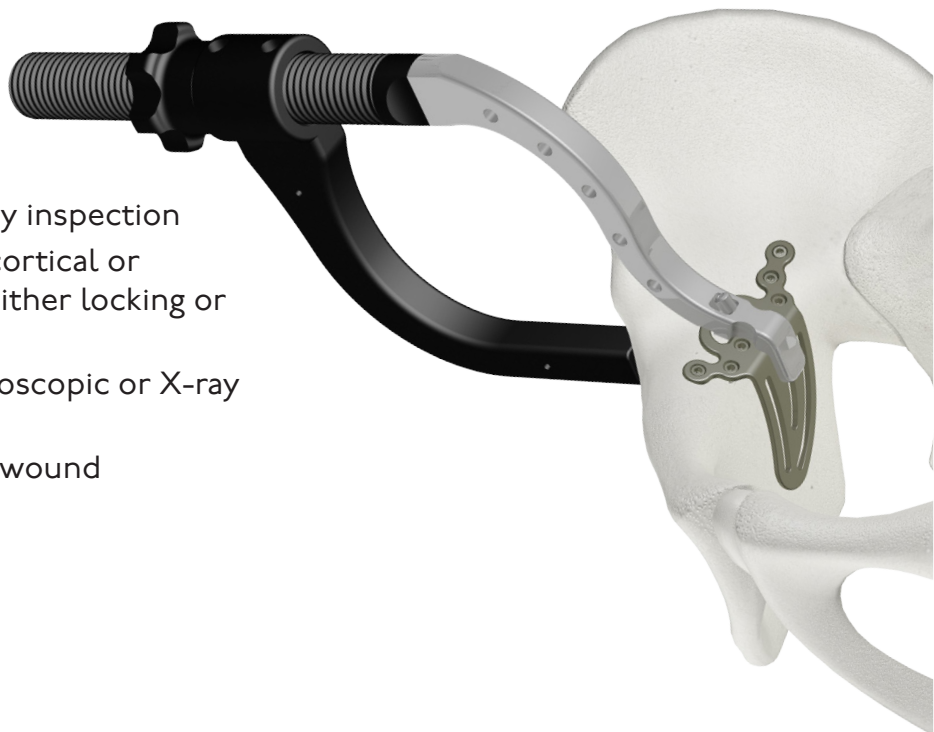


1. Assemble the clamp (118009-7) on the plate with the fixation screw (118009-12).

2. Push the sliding part (118009-8), either with mounted pushing tip (118009-10) or pushing plate (118009-11), on the clamp (118009-7). Subsequent, turn the nut (118009-9) on the clamp.

## ◦ Application of the quadrilateral plate

- Ilio-inguinal approach or possibly modified Stoppa approach
- Insert the quadrilateral plate, assembled on the clamp through the chosen approach
- Anatomic reduction of the quadrilateral surface and the acetabulum
- Fluoroscopic or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Conclude with fluoroscopic or X-ray inspection
- Drainage, closure of wound



## ◦ Fractures of the symphysis

- Lower medial laparotomy (emergency) or Pfannenstiel incision
- Extra-peritoneal opening of the pelvis minor in the linea alba
- Notch the muscle attachment of the muscle rectus abdominis from inside, if possible do not sever laterally
- Resection using pointed reduction or pelvic reduction forceps
- Positioning of 4 or 6-hole plate superiorly (adjust using bending irons if required)
- Temporary fixation using spikes and fluoroscopic or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Drainage of retropubic space, closure of the wound



Symphysis Plate



Symphysis Plate  
Curved





## ○ Fractures of the ilium

- Ilio-inguinal approach or possibly modified Stoppa approach
- Reduction using Weber or Jungbluth forceps, Schanz screw and temporary K-wire fixation if required
- Fluoroscopic or X-ray inspection
- Adjustment and setting of reconstruction plate using bending irons
- Attachment of the plate and temporary fixation using spikes and fluoroscopic or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Conclude with fluoroscopic or X-ray inspection
- Drainage, closure of wound



J-Plate



Curved Plate



## ◦ Fractures of the SIJ

- Antero-lateral approach or first window in the context of an ilio-inguinal approach
- Adjustment of sacroiliac joint with Hohmann retractors
- Resection using pointed reduction or pelvic reduction forceps
- Adjustment of a SIJ plate closed or 5-hole
- Temporary fixation using spikes, fluoroscopy or X-ray inspection
- Finally, insertion of cortical or cancellous screws (either locking or non-locking)
- Drainage, closure of wound



SIJ Plate  
5-hole



SIJ Plate  
Closed



## ○ Ilio-iliac distance osteosynthesis

- Approach: bilateral superior 50 mm long incision from the anterior inferior to the posterior superior
- Bilateral exposure of the rear iliac crest and reduction using Schanz screw, longitudinal traction on leg, if necessary with the help of reduction forceps
- Determination of plate length
- Chisel off plate bearing (approx. 4 mm deep)
- Bend the plate from one side. Push the plate through behind the sacrum. Bend the plate on the other side in situ
- Adjust plate and insert both screws on iliac crest. Alternate tightening of screws
- Insert locking screws in both holes of the short side piece of the plate, at the same time making sure that the screwing angle is 10-15° to the plane of the already attached screw on iliac crest (to prevent collision of the screws)
- Drainage, closure of wound



Straight Plate



## ◦ Postoperative treatment

- ♦ The postoperative treatment may vary depending on the patients age, bone quality or type of fracture.

## ◦ Explantation

Removal is possible, if desired by the patient. This is facilitated by the fact that, due to different materials of plate and screws, cold welding never occurs.

Removal should be performed at the earliest 1 1/2 years later or after radiographic verification of the healed bone.

The problem of cold welding was resolved by using a special surface treatment (for further information see page 21).

## Information

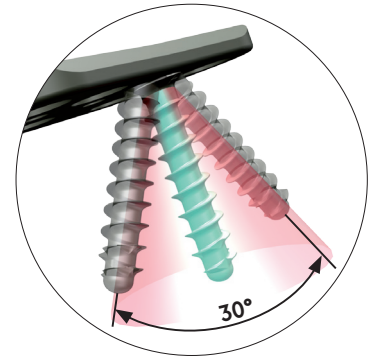




## ○ Locking

### Locking works because:

- Screw material (TiAlV) is slightly harder than plate material (Titanium Grade 2)
- Screw head **forms** thread into the plate (no cutting)



### Benefits:

- $\pm 15^\circ$  and Locking
- No pre threading
- No cold welding
- No debris
- You can re-set the screw up to 3 times

## ○ Dotize®

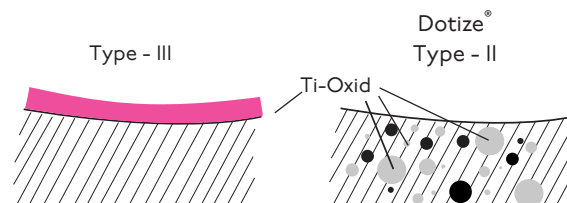
### Chemical process - anodization in a strong alkaline solution\*

#### Type III anodization

- Layer thickness 60-200nm
- + Different colors
- Implant surface remains sensitive to:  
Chipping  
Peeling  
Discoloration

#### Dotize Type II anodization












- Layer thickness 2000-10 000nm
- + Film becomes an interstitial part of the titanium
- No visible cosmetic effect



### Anodization Type II leads to following benefits\*

- Oxygen and silicon absorbing conversion layer
- Decrease in protein adsorption
- Closing of micro pores and micro cracks
- Reduced risk of inflammation and allergy
- Hardened titanium surface
- Reduced tendency of cold welding of titanium implants
- Increased fatigue resistance of implants
- Improved wear and friction characteristics

## Order list

Curved Plate, 4-hole	21191-4	
Curved Plate, 5-hole	21191-5	
Curved Plate, 6-hole	21191-6	
Curved Plate, 7-hole	21191-7	
Curved Plate, 8-hole	21191-8	
Curved Plate, 10-hole	21191-10	
Curved Plate, 12-hole	21191-12	
Curved Plate, 14-hole	21191-14	
Curved Plate, 16-hole	21191-16	
Straight Plate, 10-hole	21182-10	
Straight Plate, 11-hole	21182-11	
Straight Plate, 12-hole	21182-12	
Straight Plate, 13-hole	21182-13	
Straight Plate, 14-hole	21182-14	
SIJ Plate, Closed	21177-4	
SIJ Plate, 5-hole	21175-5	
J-Plate, 6-hole	21197-6	
J-Plate, 8-hole	21197-8	
J-Plate, 10-hole	21197-10	
J-Plate, 12-hole	21197-12	
J-Plate, 14-hole	21197-14	
J-Plate, 16-hole	21197-16	
Symphysis Plate, 4-hole	21162-4	
Symphysis Plate, 6-hole	21162-6	
Symphysis Plate Curved, 6-hole	21163-6	
Symphysis Plate Curved, 8-hole	21163-8	
Rim Plate, Right, 10-hole	21207-10	
Rim Plate, Left, 10-hole	21206-10	
Rim Plate, Right, 14-hole	21207-14	
Rim Plate, Left, 14-hole	21206-14	
Posterior Pelvic Wall Plate, Right, 6-hole	21213-6	
Posterior Pelvic Wall Plate, Left, 6-hole	21212-6	
Posterior Pelvic Wall Plate II, Right, 7-hole	21215-7	
Posterior Pelvic Wall Plate II, Left, 7-hole	21214-7	
Posterior Pelvic Wall Plate II, Right, 8-hole	21215-8	
Posterior Pelvic Wall Plate II, Left, 8-hole	21214-8	
Quadrilateral Column Plate, Right, Small	21209-SM	
Quadrilateral Column Plate, Left, Small	21208-SM	
Quadrilateral Column Plate, Right, Large	21209-LA	
Quadrilateral Column Plate, Left, Large	21208-LA	

Quadrilateral Plate, Right, Medium  
 Quadrilateral Plate, Left, Medium

21217-ME  
 21216-ME



Posterior Pelvic Wall Plate Extended, Right, Small  
 Posterior Pelvic Wall Plate Extended, Left, Small  
 Posterior Pelvic Wall Plate Extended, Right, Large  
 Posterior Pelvic Wall Plate Extended, Left, Large

21211-SM  
 21210-SM  
 21211-LA  
 21210-LA



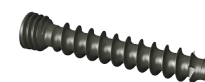
Cortical Screw, D=3.5mm, L=16mm  
 Cortical Screw, D=3.5mm, L=18mm  
 Cortical Screw, D=3.5mm, L=20mm  
 Cortical Screw, D=3.5mm, L=22mm  
 Cortical Screw, D=3.5mm, L=24mm  
 Cortical Screw, D=3.5mm, L=26mm  
 Cortical Screw, D=3.5mm, L=28mm  
 Cortical Screw, D=3.5mm, L=30mm  
 Cortical Screw, D=3.5mm, L=32mm  
 Cortical Screw, D=3.5mm, L=34mm  
 Cortical Screw, D=3.5mm, L=36mm  
 Cortical Screw, D=3.5mm, L=38mm  
 Cortical Screw, D=3.5mm, L=40mm  
 Cortical Screw, D=3.5mm, L=42mm  
 Cortical Screw, D=3.5mm, L=44mm  
 Cortical Screw, D=3.5mm, L=46mm  
 Cortical Screw, D=3.5mm, L=48mm  
 Cortical Screw, D=3.5mm, L=50mm  
 Cortical Screw, D=3.5mm, L=55mm  
 Cortical Screw, D=3.5mm, L=60mm  
 Cortical Screw, D=3.5mm, L=65mm  
 Cortical Screw, D=3.5mm, L=70mm  
 Cortical Screw, D=3.5mm, L=75mm  
 Cortical Screw, D=3.5mm, L=80mm  
 Cortical Screw, D=3.5mm, L=85mm  
 Cortical Screw, D=3.5mm, L=90mm  
 Cortical Screw, D=3.5mm, L=95mm  
 Cortical Screw, D=3.5mm, L=100mm  
 Cortical Screw, D=3.5mm, L=105mm  
 Cortical Screw, D=3.5mm, L=110mm  
 Cortical Screw, D=3.5mm, L=115mm  
 Cortical Screw, D=3.5mm, L=120mm

32351-16  
 32351-18  
 32351-20  
 32351-22  
 32351-24  
 32351-26  
 32351-28  
 32351-30  
 32351-32  
 32351-34  
 32351-36  
 32351-38  
 32351-40  
 32351-42  
 32351-44  
 32351-46  
 32351-48  
 32351-50  
 32351-55  
 32351-60  
 32351-65  
 32351-70  
 32351-75  
 32351-80  
 32351-85  
 32351-90  
 32351-95  
 32351-100  
 32351-105  
 32351-110  
 32351-115  
 32351-120



Cancellous Screw, Locking, D=4.2mm, L=16mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=18mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=20mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=22mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=24mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=26mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=28mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=30mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=32mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=34mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=36mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=38mm, SH  
 Cancellous Screw, Locking, D=4.2mm, L=40mm, SH

37422-16-N  
 37422-18-N  
 37422-20-N  
 37422-22-N  
 37422-24-N  
 37422-26-N  
 37422-28-N  
 37422-30-N  
 37422-32-N  
 37422-34-N  
 37422-36-N  
 37422-38-N  
 37422-40-N



## Order list

Cancellous Screw, Locking, D=4.2mm, L=42mm, SH	37422-42-N
Cancellous Screw, Locking, D=4.2mm, L=44mm, SH	37422-44-N
Cancellous Screw, Locking, D=4.2mm, L=46mm, SH	37422-46-N
Cancellous Screw, Locking, D=4.2mm, L=48mm, SH	37422-48-N
Cancellous Screw, Locking, D=4.2mm, L=50mm, SH	37422-50-N
Cancellous Screw, Locking, D=4.2mm, L=55mm, SH	37422-55-N
Cancellous Screw, Locking, D=4.2mm, L=60mm, SH	37422-60-N
Cancellous Screw, Locking, D=4.2mm, L=65mm, SH	37422-65-N
Cancellous Screw, Locking, D=4.2mm, L=70mm, SH	37422-70-N
Cancellous Screw, Locking, D=4.2mm, L=75mm, SH	37422-75-N
Cancellous Screw, Locking, D=4.2mm, L=80mm, SH	37422-80-N
Cancellous Screw, Locking, D=4.2mm, L=85mm, SH	37422-85-N
Cancellous Screw, Locking, D=4.2mm, L=90mm, SH	37422-90-N
Cancellous Screw, Locking, D=4.2mm, L=95mm, SH	37422-95-N
Cancellous Screw, Locking, D=4.2mm, L=100mm, SH	37422-100-N
Cancellous Screw, Locking, D=4.2mm, L=105mm, SH	37422-105-N
Cancellous Screw, Locking, D=4.2mm, L=110mm, SH	37422-110-N
Cancellous Screw, Locking, D=4.2mm, L=115mm, SH	37422-115-N
Cancellous Screw, Locking, D=4.2mm, L=120mm, SH	37422-120-N



Cortical Screw, Locking, D=3.5mm, L=16mm, SH	37351-16-N
Cortical Screw, Locking, D=3.5mm, L=18mm, SH	37351-18-N
Cortical Screw, Locking, D=3.5mm, L=20mm, SH	37351-20-N
Cortical Screw, Locking, D=3.5mm, L=22mm, SH	37351-22-N
Cortical Screw, Locking, D=3.5mm, L=24mm, SH	37351-24-N
Cortical Screw, Locking, D=3.5mm, L=26mm, SH	37351-26-N
Cortical Screw, Locking, D=3.5mm, L=28mm, SH	37351-28-N
Cortical Screw, Locking, D=3.5mm, L=30mm, SH	37351-30-N
Cortical Screw, Locking, D=3.5mm, L=32mm, SH	37351-32-N
Cortical Screw, Locking, D=3.5mm, L=34mm, SH	37351-34-N
Cortical Screw, Locking, D=3.5mm, L=36mm, SH	37351-36-N
Cortical Screw, Locking, D=3.5mm, L=38mm, SH	37351-38-N
Cortical Screw, Locking, D=3.5mm, L=40mm, SH	37351-40-N
Cortical Screw, Locking, D=3.5mm, L=42mm, SH	37351-42-N
Cortical Screw, Locking, D=3.5mm, L=44mm, SH	37351-44-N
Cortical Screw, Locking, D=3.5mm, L=46mm, SH	37351-46-N
Cortical Screw, Locking, D=3.5mm, L=48mm, SH	37351-48-N
Cortical Screw, Locking, D=3.5mm, L=50mm, SH	37351-50-N
Cortical Screw, Locking, D=3.5mm, L=55mm, SH	37351-55-N
Cortical Screw, Locking, D=3.5mm, L=60mm, SH	37351-60-N
Cortical Screw, Locking, D=3.5mm, L=65mm, SH	37351-65-N
Cortical Screw, Locking, D=3.5mm, L=70mm, SH	37351-70-N
Cortical Screw, Locking, D=3.5mm, L=75mm, SH	37351-75-N
Cortical Screw, Locking, D=3.5mm, L=80mm, SH	37351-80-N
Cortical Screw, Locking, D=3.5mm, L=85mm, SH	37351-85-N
Cortical Screw, Locking, D=3.5mm, L=90mm, SH	37351-90-N
Cortical Screw, Locking, D=3.5mm, L=95mm, SH	37351-95-N
Cortical Screw, Locking, D=3.5mm, L=100mm, SH	37351-100-N
Cortical Screw, Locking, D=3.5mm, L=105mm, SH	37351-105-N
Cortical Screw, Locking, D=3.5mm, L=110mm, SH	37351-110-N



For detailed cleaning and sterilization instructions, please refer to package insert.

Cortical Screw, Locking, D=3.5mm, L=115mm, SH  
Cortical Screw, Locking, D=3.5mm, L=120mm, SH

37351-115-N  
37351-120-N

Ratchet Handle, AO Connector

53014



Hexagon-Shank, WS 2.5, L=135mm, AO Connector  
Hexagon-Shank, WS 2.5, L=300mm, AO Connector

KM 48-348  
54253-300



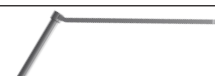
Measuring Sleeve, Measuring length 120mm  
Measuring Rod, Measuring length 120mm

59326  
59327



Drill Guide, D=2.5/2.7mm

62219



Spiral Drill, D=2.5mm, L=220mm, AO Connector  
Spiral Drill, D=2.7mm, L=220mm, AO Connector

61253-220  
61273-220



Wire Drill, D=2.5mm, L=400mm  
Wire Drill, D=2.7mm, L=400mm

35256-400  
35276-400



Bending Heaver 14cm, 3.5mm and 2.7mm

KJ.207.14



Flatwrench, WS 10

70010



Insertion Guide, Quadrilateral Plate

118009A



Sterilization Tray, PRS RX System

50254

### Spare Parts List Insertion Guide / Optional (on request)

Clamp, Quadrilateral Plate

118009-7



Sliding Clamp, Quadrilateral Plate

118009-8



Nut, Clamp, Quadrilateral Plate

118009-9



Pushing Tip, Clamp, Quadrilateral Plate

118009-10



Pushing Plate, Clamp, Quadrilateral Plate

118009-11



Fixing Screw, Clamp, Quadrilateral Plate

118009-12



## ○ Order list

Special sizes & instruments optional on request \*

Fixation Screw, PRS RX System	70312
Bolt, PRS RX System	70313
Spike, Short, PRS RX System	70314

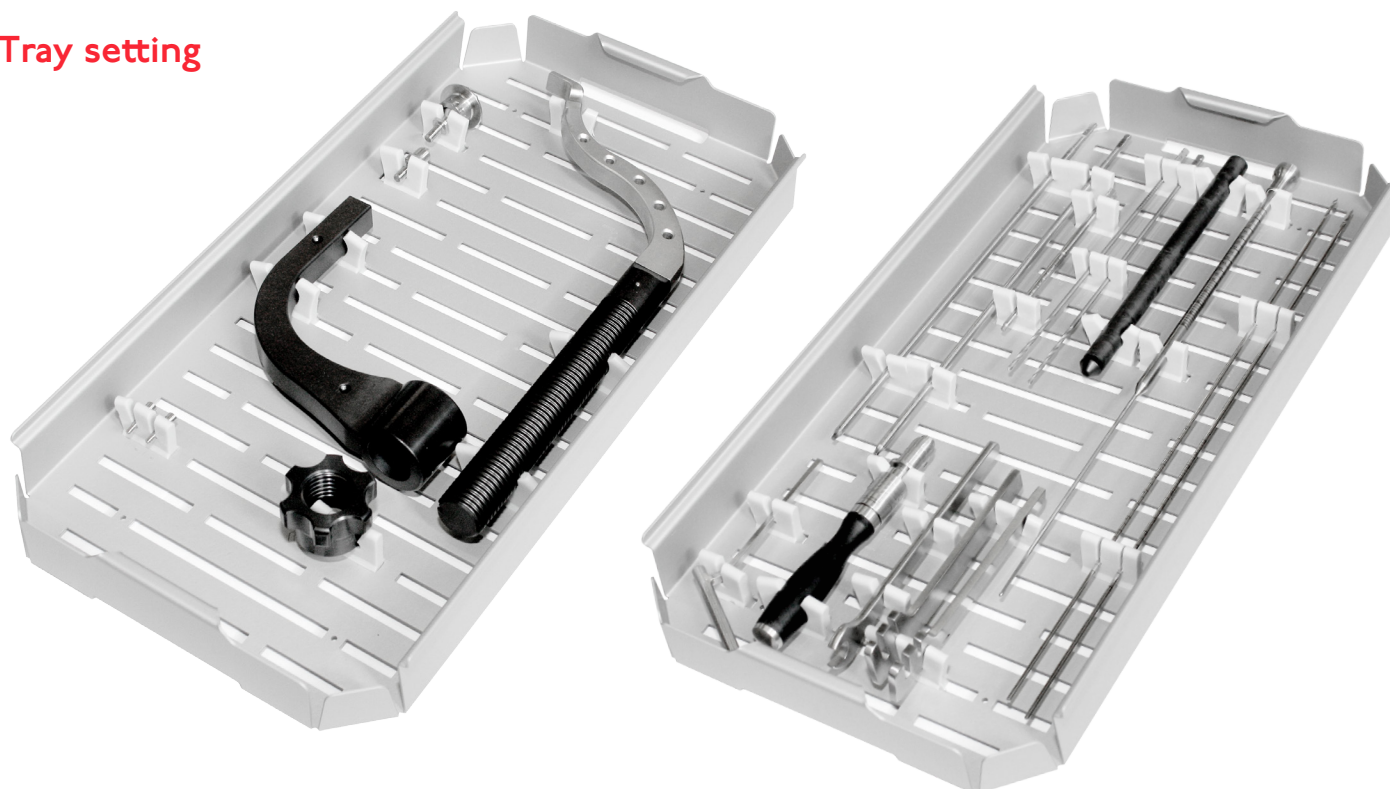


### Pelvic Basic Set / Optional (on request) \*

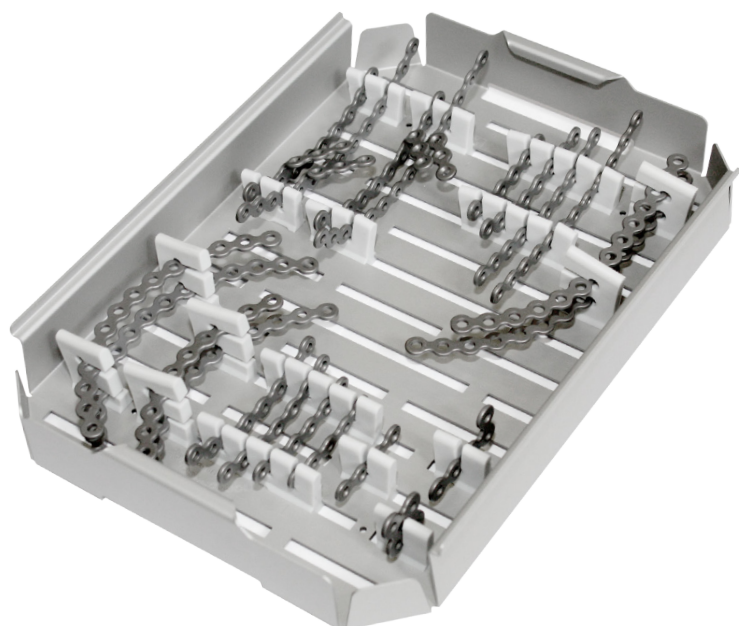
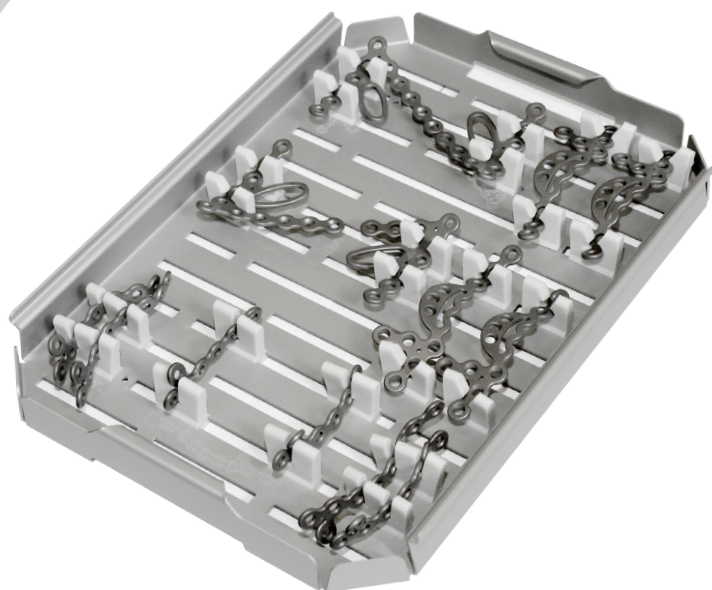
T-Handle Jacobs Chuck, with wrench	9-090
Sharp Bone Hook, 23cm	11-4604
Bone Lever, 24mm width tip	9-676
Reduction Forceps, Farabeuf, 190mm, with ratchet	9-521
Reduction Forceps, Farabeuf, 260mm	9-522
Reduction Forceps, 200mm, with points	9-604
Reduction Forceps, for 3.5mm Screws	17-1404
Reduction Forceps, 190mm, Oblique	17-1550
Reduction Forceps, 250mm	17-1552
Reduction Forceps, 230mm, Oblique	17-1554
Reduction Forceps, 400mm, 2x1	17-1556
Reduction Forceps, 400mm, 1x1	17-1558
Straight Ball Spike	17-1600
Schanz Screw, 6.0x200mm, Thread 60mm	8-1516
Sterilization Tray, Pelvic Basic Set	50247

For detailed cleaning and sterilization instructions, please refer to package insert.

### Tray setting









**I.T.S. USA**  
**1778 Park Avenue N, Suite 200**  
**Maitland, FL 32751**

**Tel.: 877 - 971 - 8054**  
**Fax: 877 - 971 - 8056**  
**[info@its-implantusa.com](mailto:info@its-implantusa.com)**  
**[www.its-implantusa.com](http://www.its-implantusa.com)**



Order No. PRS RX-OP-0218-USA  
Edition: February/2018

© ITS. GmbH Graz/Austria 2018.  
Subject to technical alterations, errors and misprints excepted.