

Unilateral External Fixation Frame (I Type)

Product Feature:

- ◆ Unilateral Fixation, Light, Stable (applies especially to emergency case)
- ◆ Easy to Operate, save surgery time
- ◆ Mini-Invasive Surgery, no effect to the blood supply of fracture
- ◆ No second Surgery, can be removed at the clinic
- ◆ Consistent with the bone shaft, controllable dynamic design, can be moved slightly, promote the union
- ◆ Clamp design, make the fixator itself as a module, easy to position the screws
- ◆ Bone Screw with taper thread, Secured by Conical Clamping



A Type



B Type



C-Type



D Type



A Type



B Type



C Type



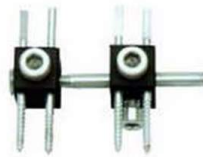
D Type



E Type



F Type



G Type

Code No.: T10110-01, T10110-02, T10110-03, T10110-04

Product Name: Distal Radius Fractures

Select Screws: $\phi 2.5\text{mm}$, $\phi 3.5\text{mm}$

Code No.: T10109-01, T10109-02, T10109-03, T10119-04, T10119-05, T10119-08

Product Name: Phalange / Metacarpal Fractures

Select Screws: $\phi 1.5\text{mm}$, $\phi 2\text{mm}$



Code No.: 10120-01-03

Product Name: Straight Type Fracture (L/M/S)

Select Screws: φ 5mm, φ 6mm.

Code No.: T10112-01-03

Product Name: T-Shape Type (L/M/S)

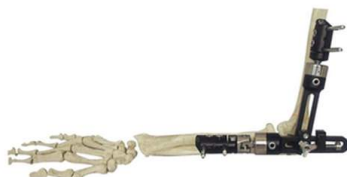
Select Screw: φ 4mm, φ 5mm, φ 6mm.



Code No.: T10113-01-02

Product Name: Distal Tibial Fractures (L/M)

Select Screws: φ 5mm, φ 6mm



Code No.: T10114-01

Product Name: Elbow Fractures

Select Screws: φ 4mm, φ 5mm



A Type



B Type



C Type

Code No.: T10115-01-03

Product Name: Pelvic Fractures

Select Screws: φ 6mm



Code No.: T10116-01

Product Name: Proximal Femoral Fractures

Select Screws: φ 6mm



Code No.: T10117-01

Product Name: Proximal Tibial Fractures

Select Screws: φ 5mm, φ 6mm



Code No.: T10118-01-03

Product Name: Bone Lengthening

Select Screws: φ 5mm, φ 6mm



Product Name: Bone Lengthening
Select Screws: φ 5mm, φ 6mm



Code No.: T10122-(03/05)01-04
Product Name: Ordinary T Type (L/M/S/XS)
(3/5 Holes)
Select Screws: $\phi 4\text{mm}$, $\phi 5\text{mm}$, $\phi 6\text{mm}$



Code No.: T10121-(03/05)01-04
Product Name: Ordinary Straight Type (L/M/S/XS)
(3/5 Holes)
Select Screws: $\phi 4\text{mm}$, $\phi 5\text{mm}$, $\phi 6\text{mm}$



Code No.: T10129-01
Product Name: Ulna, Radius
Select Screws: $\phi 2.5\text{mm}$, $\phi 3.5\text{mm}$, $\phi 3\text{mm}$, $\phi 4\text{mm}$,



Code No.: T10130-01-02
Product Name: Lengthened Straight Type (L/M)
Select Screws: $\phi 6\text{mm}$.



Code No.: T10123-01-03
Product Name: The Ordinary Oblique Type (L/M/S)
Select Screws: $\phi 5\text{mm}$, $\phi 6\text{mm}$



Code No.: T10124-01-02
Product Name: Straight Type (the middle pin) (L/M)
Select Screws: $\phi 6\text{mm}$



Code No.: T10131-01
Product Name: Phalange / Metacarpal Fractures
Select Screws: $\psi 2.0\text{mm}$, $\psi 2.5\text{mm}$, $\psi 3.0\text{mm}$, $\psi 3.5\text{mm}$.



Code No.: T10132-01
Product Name: Phalange / Metacarpal Fracture
Select Screws: $\psi 1.5\text{mm}$, $\psi 2.0\text{mm}$.



Code No.: T10125-01
Product Name: Joint Oblique Type
Select Screws: $\phi 6\text{mm}$



Code No.: T10126-01-02
Product Name: T Type (the middle pin) (L/M)
Select Screws: $\phi 6\text{mm}$



Code No.: T10133-01
Product Name: Phalange / Metacarpal Fracture
Select Screws: $\psi 1.5\text{mm}$, $\psi 2.0\text{mm}$.



Code No.: T10134-01
Product Name: Ulna, Radius, Wrist Joints
Select Screws: ($\psi 2.5\text{mm}$ - $\psi 3.5\text{mm}$) ($\psi 3\text{mm}$ - $\psi 4\text{mm}$)



Code No.: T10127-01-03
Product Name: Lengthening T Type (L/M)
Select Screws: $\phi 6\text{mm}$



Code No.: T10128-01-04
Product Name: Three Dimensional Type (L/M/S/XS)
Select Screws: $\phi 4\text{mm}$, $\phi 5\text{mm}$, $\phi 6\text{mm}$



Code No.: T10135-01
Product Name: Ulna, Radius, Wrist Joint
Select Screws: $\psi 2.5\text{mm}$, $\psi 3.5\text{mm}$.



Code No.: T10136-01
Product Name: Ulna, Radius, Wrist Joint
Select Screws: $\psi 2.5\text{mm}$, $\psi 3.5\text{mm}$, $\psi 3\text{mm}$, $\psi 4\text{mm}$.



Code No.: T10137-01
Product Name: Target Device



Code No.: T10138-01
Product Name: Support Wrench

External Fixation (II Type)

Product Feature:

- ◆ Unilateral Fixation, Light, Stable (applies especially to emergency case)
- ◆ Easy to operate, save surgery time
- ◆ Mini-invasive Surgery, no effect to the blood supply of fracture
- ◆ No second surgery, can be removed at the clinic
- ◆ Consistent with the bone shaft, controllable dynamic design, can be moved slightly, promote the union
- ◆ Clamp design, make the fixator itself as a module, easy to position the screws
- ◆ Bone screw with toper thread, secured by conical clamping



Product ID	Model	Select Screws	Use of the site
T20001-01	L	φ6mm	Adult Humerus, Tibial and Fibula
T20001-02	M	φ5mm	Adult Humerus, Minors of Tibial and Fibula
T20001-03	S	φ5mm	Adult Ulna, Radius

Remarks: Universal Regulation can be optionally needle (Optional compression extension)



Product ID	Model	Select Screws	Use of the site
T20002-01	L	φ5mm	Adult Humerus, Tibial and Fibula
T20002-02	M	φ4-5mm	Adult Humerus, Minors of Tibial and Fibula
T20002-03	S	φ4-5mm	Adult Ulna, Radius

Remarks: Universal Regulation can be optionally needle (Optional compression extension)

External Fixation (III Type)

Advanced technologies, easy to Use

- ◆ Bone Screws can be positioned independently at the distal and proximal part of fracture
- ◆ Snap fit fixation, improve the operation precision and reduce the operation time
- ◆ Using the high performance material (Medical level aluminum and carbon fiber), definition of fracture area view is increased
- ◆ With most stability and flexibility design
- ◆ With compact and small size frame design
- ◆ Design for the complicate fracture and soft tissue destroyed, also for multiformity and convenience
- ◆ With simple and effective instruments



Code No.: T3001-01
Product Name: Tibial Articular end Frame
Application: 1/3 Distal Tibial Joint, Proximal Fracture



Code No.: T30002-01
Product Name: Half Ring Frame
Open/closed Fracture of Tibial/Fibula



Code No.: T3003-01
Product Name: Humerus Frame
Application: Supracondylar of humerus, Proximal Humerus Fracture



Code No.: T3004-01
Product Name: Supracondylar Frame
Application: Supracondylar of Humerus Tibial, Distal Fracture



Code No.: T30005-01

Product Name: Z Type Frame

Application of the site: The humerus, Tibia Fractures



Code No.: T30006-01

Product Name: Z Type Frame (Type T)

Application: The humerus, Tibia ,
the Adjust to the end of Joints Fracture



Code No.: T30011-01

Product Name: Standard Type (Enhanced)

Application of the site: Distal Femur,
Proximal / Distal Tibial Fracture

Suggestion: Rod 250mm×1Pcs, Pin to Rod Clamp×2Pcs,
T-Clamp×1Pcs, Cortex Pin (6×120mm)×2Pcs,
Cancellous Pin (6×130mm)×2Pcs



Code No.: T30012-01

Product Name: Double Rod Type (Enhanced)

Application of the site: Femoral, Tibial Fracture

Suggestion: Rod 250mm×2Pcs, Pin to Rod Clamp×4Pcs,
Cortex Pin (6×150mm)×4Pcs



Code No.: T30007-01

Product Name: Straight Frame

Application of the site: Tibial Fracture

Suggestion: Rod 250mm×1Pcs, Pin to Rod Clamp×4Pcs,
Cortex Pin (5/6mm×120mm)×4Pcs.



Code No.: T30008-01

Product Name: T Type Frame

Application of the site: Tibial Segmental Fracture

Suggestion: Rod 300mm×1Pcs, Pin to Rod Clamp×4Pcs,
T-Clamp×1Pcs, Cortex Pin (6×120mm)×4Pcs,
Cancellous Pin (6×130mm)×2Pcs.



Code No.: T30013-01

Product Name: Standard Type

Application of the site: Femoral / Tibial Fracture

Suggestion: Rod 250mm×2Pcs, Pin to Rod Clamp×4Pcs,
Cortex Pin(6×120mm)×4Pcs, Rod to Rod Clamp×4Pcs



Code No.: T30014-01

Product Name: Standard Type

Application of the site: Femoral, Tibial Fracture

Suggestion: Rod 250mm×2Pcs, Pin to Rod Clamp×4Pcs,
Cortex Pin (6×120mm)×4Pcs, Rod to Rod clamp×1Pcs.



Code No.: T30009-01

Product Name: Z Type Frame (Enhanced)

Application of the site: Femoral , Tibial Fracture

Suggestion: Rod 150mm×1Pcs, Rod 200mm×2Pcs,
Pin to Rod Clamp×4Pcs, Rod to Rod×2Pcs,
Cortex Pin (6×120mm)×4Pcs



Code No.: T30010-01

Product Name: Z Type Frame (Enhanced T Type)

Application of the site: Femoral/Tibial Segmental Fracture

Suggestion: Rod 150mm×2Pcs, Rod 200mm×1Pcs,
Pin to Rod Clamp×4Pcs, Rod to Rod Clamp×2Pcs,
T-Clamp×1Pcs, Cortex Pin (6×120mm)×2Pcs,
Cancellous Pin (6×130mm)×2Pcs



Code No.: T30015-01

Product Name: Standard Type

Application of the site: Femoral , Tibial Fracture

Remarks: The above products can choose the
Carbon Rod, Stainless Steel, Aluminum Alloy.

Note: All of the above configurations, doctors can
use different Rod Pin, Rod Clamp to complete
Surgery Operation, according to actual Clinical need,
we can also be customized other combinations
according to customer requirement ..

External Fixation of Commonly used components (III Type)



T31111-0001

A Name: Pin to Rod Clamp (Enhanced)

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31111-0002



T31112-0001

B Name: The Opening Rod Clamp

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31112-0002



T31119-0001

L Name: The opening rod clamp

Specifications: $\phi 8/\phi 8\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31120

M Name: Semi-Circular Rod

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31113-0001

C Name: The Open Rod to Pin Clamp

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31113-0002



T31114-0001

D Name: T Type Clamp

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31114-0002



T31121

N Name: Trilateral Rod

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31122

O Name: Arc-shaped Rod

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31115-0001

E Name: Rod to Rod Clamp

Specifications: $\phi 8-\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



T31115-0002



T31116-0001

F Name: Rod to Pin Clamp

Specifications: $\phi 11\text{mm}$ (3/4mm)

Material: Stainless Steel, Aluminum Alloy



T31123

P Name: Connection Rod

Specifications: $\phi 8-\phi 11\text{mm} \times 150, 200, 250, 300, 350\text{mm}$

Material: Carbon Rod, Stainless Steel, Aluminum Alloy



T31124

Q Name: Extension Rod

Specifications: $\phi 8\text{mm}$

Material: Stainless Steel



T31117-0001

J Name: Pin to Rod Clamp

Specifications: $\phi 11\text{mm}$ (5/6mm)

Material: Stainless Steel, Aluminum Alloy



T31118-0001

K Name: The opening Rod Clamp

Specifications: $\phi 11/\phi 11\text{mm}$

Material: Stainless Steel, Aluminum Alloy



External Fixation combined type (IV Type)

Product Feature:

- ◆ It is made up of relatively independent components and parts
- ◆ According to clinical need, screw wires with different diameters can be used to carry our multipoint needle threading, Multi-direction needle threading and crossover needle threading.
- ◆ The functional part can be used either alone or in combination. It has not only functions of fixing, pulling, compressing, but also different kinds of connections for joints' activities.
- ◆ It fits for regular intensity, which corresponds with the demands of biomechanics for bones' functional reconstruction.
- ◆ Indications: limbs fracture, articular fracture, and pelvis fracture, compressing fixation for bone disconnection and amputation, bone's extending for bone defect.

Method of use:

For Reduction of the fracture or dislocation.

1. in each of the major fracture block is screwed into the 2 bone traction pin. According to the Fracture, Soft issues conditions and local anatomy to select the entry pin position. If the bone traction pin distance more far, just bracket, the more stable.
 2. each of the major fracture block 2 bone traction pin with a fixed rod connection. Can use the spring fixing type pipe needle clamp to connect. Note that in the fracture zone have sufficient length fixing Rod can contain rod connecting pipe clamp.
 3. at the Fracture site with third pole and 2 pole connecting pipe clip of two rod end connection.
 4. Then will connect bone traction pin support rod as the handle, for fracture reduction. In a radiographic image enhancement apparatus under the monitoring of reduction is confirmed, then maintaining reduction and screw down one by one tube clamp nut.
 5. in order to facilitate the rest operation and reduce intraoperative X-ray irradiation in each of the major fracture block two bone traction pin and the installation of a long rod, the rod can be used as a temporary lever, convenient rest, so as to make the operation more manipulative reduction, operating more effort, and operation the doctor's hand can leave the X-ray radiation.
 6. in the intraoperative or postoperative adjustment reset: can loose the hose clamp locking nut, according to the steps of adjusting the reduction of fracture.
- ※ after 24 hours, need to tighten all the locking nut



Code No.: T40001-01

Product Name: Unilateral Frame

Application of the site: Tibia, Humerus, Ulna, Radius



Code No.: T40002-01

Product Name: Bilateral Frame

Application of the site: Tibial, Humerus, Ulna, Radius



Code No.: T40003-01

Product Name: Humeral Frame

Application of the site: 1/3 upper-middle or 1/3 lower-middle of Humerus Fracture



Code No.: T40004-01

Product Name: With T Type Frame

Application of the site: Lateral Condyle Neck of Humerus Distal or Proximal of Humerus Fracture

No.	Product Name	Size
1	Connecting Rod	φ6, φ8, φ11
2	Pin to Rod clamp	φ25-φ35, φ3-φ4, φ4-φ5, φ5-φ6
3	Rod to Rod Clamp	φ6, φ8, φ11
4	Cross-Link Clamp (T-Type)	φ6, φ8, φ11
5	Pin	φ2.5, φ3, φ3.5, φ4, φ5, φ6
6	T-Pin Insert	φ2.5, φ3, φ3.5, φ4, φ5, φ6
7	Compression Device	φ6, φ8, φ11
8	Spanner Wrench	L/M/S
9	Drill Bit	φ1.8, φ2.5, φ3, φ3.8, φ4.8
10	Drill Sleeve	φ3, φ4, φ5, φ6
11	Rod to Pin Clamp	φ11(3/4)
12	T clamp	φ8 - φ11
14	Open Rod to Rod clamp	φ11/φ11

Note:

The above fracture external fixation device package can be configured according to requirements.

Material selection:

Connection rod carbon rod, stainless steel, aluminum alloy.

Needle clamp and rod clamp have stainless steel, aluminum alloy.



Code No.: T40005-01

Product Name: Half ring T type Frame

Application of the site: Lateral Condyle of Humeral/
Tibial Fracture



Code No.: T40006-01

Product Name: Double Straight Rod Frame

Application of the site: Femoral , Tibial



Code No.: T40011-01

Product Name: Femoral shaft Frame

Application of the site: The femora stem or 1/3,
lower 1/3 comminuted fracture



Code No.: T40012-01

Product Name: Ankle joint Frame

Application of the site: Distal Tibial, Ankle Joint
Fractures.



Code No.: T40007-01

Product Name: Double Rod Tuberosity Frame

Application of the site: Interchanteric femoral/
the bottom of femoral neck fracture



Code No.: T40008-01

Product Name: Tibial joint fracture

Application of the site: Distal /Proximal Tibial Fracture



Code No.: T40013-01

Product Name: Pelvic Frame

Application of the site: Tile B1 or Tile B2 Fracture



Code No.: T40014-01

Product Name: Hip Joint Frame

Application of the site: Hip Joint, Distal Femoral,
Tibial Plateau



Code No.: T40009-01

Product Name: Femoral Condyle (Enhanced)

Application of the site: Femoral supracondylar of
intercondylar



Code No.: T40010-01

Product Name: Half Ring (Standard)

Application of the site: Tibial and Fibula Open
and Closed Fracture



Code No.: T40015-01

Product Name: Linked Frame

Application of the site: neck of femur Fracture

※ Note:

Custom made according to the customer's
requirement

External Fixation of common structure parts (IV Type)



A Single groove Rod to Pin Clamp
φ6mm/φ8mm × φ3/φ4mm
φ6mm/φ8mm × φ4/φ5mm
φ6mm/φ8mm × φ5/φ6mm



B Single groove Rod to Rod Clamp
φ6mm/φ8mm × φ8mm



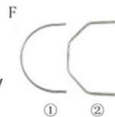
C Double groove Rod to Pin Clamp
φ6mm/φ8mm × φ4/φ5mm
φ6mm/φ8mm × φ4/φ5mm



D Double groove Rod to Rod Clamp
φ6mm/φ8mm × φ8mm



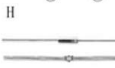
E Arc-Shaped Rod
φ6mm、φ8mm
Material: Stainless steel, Aluminum Alloy



F Semi-circular Rod
φ6mm、φ8mm
Material: Stainless steel,
Aluminum Alloy



G Trilateral Rod
φ6mm、φ8mm
Material: Stainless steel, Aluminum Alloy



H Compression lengthening Rod
φ8mm
Material: Stainless steel,
Aluminum Alloy



I Straight Connecting rod
φ6mm/φ8mm × 100mm
φ6mm/φ8mm × 150mm
φ6mm/φ8mm × 200mm
φ6mm/φ8mm × 250mm
φ6mm/φ8mm × 300mm
Material: Stainless steel, Aluminum Alloy



J Pin Insertor
φ2mm、φ2.5mm、φ3mm、
φ3.5mm、φ4mm、φ5mm、
φ6mm



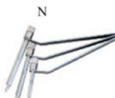
K L Wrench
φ3mm、φ4mm、φ5mm、φ6mm



L Open wrench
10mm-13mm
10mm-14mm
14mm-16mm
12mm-18mm



M Protective sleeve
φ3mm、φ4mm、φ5mm、φ6mm、
φ8mm
Note: can single chose ,or
three in one set



N Protective sleeve
φ3mm、φ4mm、φ5mm、φ6mm
Note: can single chose ,or
three in one set

Unilateral External Fixation Frame (V Type)

Product feature:

- ◆ Ring design, stable fixation
- ◆ Easy to Operate, Save surgery time
- ◆ Mini-invasive surgery, no effect to the blood supply of fracture
- ◆ No second surgery, can be removed at the clinic
- ◆ Can be moved slightly, promote the union
- ◆ Bone screw with taper thread, secured by conical clamping



Code No.: T60001-01,02

Product Name: The annular frame

Type A,B

Application of the site: The tibial/
Ankle Joint Fracture



Code No.: T60002-01

Product Name: Annular Fracture

Application of the site: The tibial, Femur fractures
with extension



Code No.: T60003-01

Product Name: Annular Frame

Application of the site: Talipes equinus varus,
/ valgus (with extension)



Code No.: T60004-01

Product Name: Annular Frame

Application of the site: Talipes equinus varus, valgus



Code No.: T60005-01
Product Name: Annular Frame
Application of the site: The tibial, Femur fractures



Code No.: T60006-01
Product Name: Annular Frame
Application of the site: The tibial, Femur fractures



Code No.: T60011-01
Product Name: Annular Frame
Application of the site: Tibial, Femur, Knee, Elbow Joint



Code No.: T60012-01
Product Name: Annular Frame
Application of the site: Tibial, Femur, Ring Joint



Code No.: T60007-01,02,03
Product Name: Annular Frame (L/M/S)
Application of the site: The tibial, Femur fractures



Code No.: T60008-01,02,03
Product Name: Annular Frame (L/M/S)
Application of the site: Elbow Joint



Code No.: T60013-01
Product Name: 4D Frame
Application of the site: Tibial, Femur Humeral



Code No.: T60014-01
Product Name: 4D Frame
Application of the site: Tibial, Femur, Humeral



Code No.: T60009-01
Product Name: Annular Frame
Application of the site: Knee Joint, Elbow Joint



Code No.: T60010-01
Product Name: Annular Frame
Application of the site: Elbow Joint



External Fixation of Commonly Used Components (V Type)



Code No.:T61111
Product Name: Threaded stand column
Size: 1~8 Holes
Material: Stainless Steel



Code No.:T61112
Product Name: Nut Column
Size: 1~8 Holes
Material: Stainless Steel



Code No.:T61121
Product Name: Full Rings
Size: $\phi 100\text{mm}$
 $\phi 120\text{mm}$
 $\phi 140\text{mm}$
 $\phi 160\text{mm}$
 $\phi 180\text{mm}$
 $\phi 220\text{mm}$
Material: Aluminum Alloy



Code No.:T61122
Product Name: Half Ring
Size: $\phi 100\text{mm}$
 $\phi 120\text{mm}$
 $\phi 140\text{mm}$
 $\phi 160\text{mm}$
 $\phi 180\text{mm}$
 $\phi 220\text{mm}$
Material: Aluminum Alloy



Code No.:T61113
Product Name: Cross Connection piece
Size: 2~8 Holes
Material: Stainless Steel



Code No.:T61114
Product Name: Needle bed
Size: $\phi 8\text{mm}$
Material: Stainless Steel



Code No.:T61123
Product Name: 2/3 Rings
Size: $\phi 100\text{mm}$
 $\phi 120\text{mm}$
 $\phi 140\text{mm}$
 $\phi 160\text{mm}$
 $\phi 180\text{mm}$
 $\phi 220\text{mm}$
Material: Aluminum Alloy



Code No.:T61124
Product Name: 2/3 Rings
Size: L/M/S
Material: Aluminum Alloy



Code No.:T61115
Product Name: Universal connection
Material: Stainless Steel



Code No.:T61116
Product Name: Single Joint 1
Single Joint 2
Material: Stainless Steel

Code No.:T61125



Product Name: Hexagonal Bolt
Size: 10/15/20mm
Material: Stainless Steel



Code No.:T61126
Product Name: Needle Hole
Size: $\phi 4$ - $\phi 6\text{mm}$
Material: Stainless Steel



Code No.:T61117
Product Name: Connection Plate
Size: 1~8 Holes
Material: Stainless Steel



Code No.:T61118
Product Name: 4 Edge Stand Column
Size: 1~6 Holes
Material: Stainless Steel



Code No.:T61119
Product Name: 4 Rib Column bushing
Size: $\phi 4$ 、 $\phi 5$ 、 $\phi 6$
Material: Aluminum Alloy



Code No.:T61120
Product Name: Needle bed (Upset)
Size: $\phi 2$ - $\phi 3\text{mm}$
Material: Aluminum Alloy



Code No.:T61127
Product Name: Six Ear Ring
Size: L/M/S
Material: Aluminum Alloy



Code No.:T61128
Product Name: Six Edge Post
Material: Stainless Steel



Code No.: T61129
Product Name: 90° exchanged block
Material: Stainless Steel



Code No.: T61130
Product Name: Ring-Rod Nut
Material: Stainless Steel



Code No.: T70003-01
Product Name: Femur Fracture



Code No.: T70004-01
Product Name: Radial articular Fracture



Code No.: T61131
Product Name: Hex corner
Material: Stainless Steel



Code No.: T61132
Product Name: U-Ring
Size: L/M/S
Material: Aluminum Alloy

Multifunctional Xcaliber hibrida fixator (VII Type)

Product Feature:

- ◆ Use advanced PEEK material
- ◆ Super Light Weight
- ◆ Perfect reduction and Fixation
- ◆ Four one design of the clamps
- ◆ Dynamic compression in the advance and Promote the Growth of Callus



Code No.: T70001-01
Product Name: Distal Tibial Fracture



Code No.: T70002-01
Product Name: Tibial shaft Fracture



Code No.: T70004-01
Product Name: Radial Articular Fracture

Advantage:

- ◆ There is no obstruction to viewing fracture, allowing faster and easier reduction
- ◆ easier to check the formation of callus and bone healing
- ◆ less radiation exposure for the surgical team
- ◆ Or less. R. Time & ndash; ready for use with no assembly required
- ◆ No maintenance or sterilization costs & ndash; conveniently packaged in a sterile kit
- ◆ Less inventory & ndash; the minimal instrumentation
- ◆ Xtraordinary & ndash; packaged as a sterile kit in three time-saving configurations, ready for all long bone trauma application
- ◆ Xtra light & ndash; as strong as conventional fixators, only lighter, for easier application and more comfort for the patient
- ◆ X ray friendship & ndash; the first large fixator body to be radiolucent
- ◆ Single use & ndash; n maintenance and sterilization costs

External Fixator $\phi 5$



Code No.: T5113-7000
Product Name: Pin to Rod Coupling



Code No.: T5112-7000
Product Name: Rod to Rod Coupling



Code No.: T5111-7000
Product Name: 4-holes pin to rod clamp



Code No.: T5114-7000
Product Name: 4-holes pin clamp



Code No.: T5115-7000
Product Name: Pin Clamp-T



Code No.: T5111-0700-00
Product Name: Thumbwheel



Code No.: T5118-8802
Product Name: 30 degree Post



Code No.: T5118-8801
Product Name: Straight Post



Code No.: T5111-0600-00
Product Name: Wrench



Code No.: T5111-0100-00
Product Name: Stabilization/
Reduction Wrench



Code No.: T5111-0300-00
Product Name: T-Pin Insertor



Code No.: T5113-0500-00
Product Name: Bow-sharped
hand drill



Code No.: T5116-5580 Size: $\phi 3 \times 80$ mm
Product Name: Self-drilling &
Self-Tapping Pin



Code No.: T5117-7811 Size: $\phi 5 \times 110$ mm
Code No.: T5117-7814 Size: $\phi 5 \times 140$ mm
Product Name: Trilateral connection rod



Code No.: T5111-0400-00
Product Name: Protection sleeve

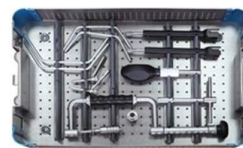


Code No.: T5120-8800
Product Name: External Fixator $\phi 5$



Code No.: T5119-2812 Size: $\phi 5 \times 120$ mm
Code No.: T5119-2815 Size: $\phi 5 \times 150$ mm
Code No.: T5119-2818 Size: $\phi 5 \times 180$ mm
Code No.: T5119-2820 Size: $\phi 5 \times 200$ mm
Product Name: Connection Rod
Material : Carbon Fiber

External Fixator $\phi 5$ Instrument



Item	code	Product	Size	Quantity
1	T5111-7000	4-Holes Pin to Rod Clamp	$\phi 3$	3
2	T5112-7000	Rod to Rod Coupling	$\phi 5 \times \phi 5$	8
3	T5113-7000	Pin to Rod Coupling	$\phi 5 \times \phi 3$	8
4	T5114-7000	4-holes Pin clamp	$\phi 3$	2
5	T5115-7000	Pin clamp-T	$\phi 5$ -T	2
6	T5116-5580	Self-drilling & Self-tapping Pin	$\phi 3 \times 80$	8
7	T5117-7811	Trilateral Connection Rod	$\phi 5 \times 110$	2
8	T5117-7814	Trilateral Connection Rod	$\phi 5 \times 140$	2
9	T5118-8801	Straight Post	$\phi 5$	4
10	T5118-8802	30°Angled Post	$\phi 5$	4
11	T5119-2812	Carbon Fiber Connection Rod	$\phi 5 \times 120$	2
12	T5119-2815	Carbon Fiber Connection Rod	$\phi 5 \times 150$	2
13	T5119-2818	Carbon Fiber Connection Rod	$\phi 5 \times 180$	2
14	T5119-2820	Carbon Fiber Connection Rod	$\phi 5 \times 200$	2
15	T5120-8800	External Fixator	$\phi 5$	1
16	T5111-0001	Instrument Case	Normal	1
17	T5111-0002	Instrument Case	PPSU	1
18	T5111-0100-00	Stabilization/Reduction wrench		2
19	T5111-0200-00	Quick Coupling Connector	3mm	1
20	T5111-0300-00	T-Pin Insertor	3mm	1
21	T5111-0400-00	Protection Sleeve		2
22	T5111-0500-00	Bow-Sharped hand drill		1
23	T5111-0600-00	Wrench		1
24	T5111-0700-00	Thumbwheel		1

Common Combination External Fixator $\phi 5$



Product Name: Distal Radius Fracture



Product Name: Tibial Fracture



Product Name: Bilateral Type-Radius and Ulna



Product Name: Unilateral Type-Radius and Ulna

Product Feature :

- ◆ Art technologies,easy to use
- ◆ Bone screws can be positioned independently at the distal and proximal part of fracture.
- ◆ Snap fit fixation,Improve the operation precision and reduce the operation time
- ◆ Thanks to using the high performance material(Medial level Aluminum and carbon fiber),definition of fracture area view is increased
- ◆ With most stability and flexibility design.
- ◆ With compact and small size frame design
- ◆ Design for the complicate fracture and soft tissue destoryed,also for multiformity and convenience.
- ◆ With simple and effective instruments

External Fixator $\phi 8$



Code No.: T8113-7000
Product Name: Pin to rod coupling



Code No.: T8112-7000
Product Name: Rod to rod coupling



Code No.: T8111-7000
Product Name: 4-Holes pin to rod clamp



Code No.: T8111-0700-00
Product Name: Thumbwheel



Code No.: T8116-8802
Product Name: 30° post



Code No.: T8116-8801
Product Name: Straight post



Code No.: T8111-0800-00
Product Name: Booster wrench



Code No.: T8111-0100-00
Product Name: Stabilization/
Reduction Wrench



Code No.: T8111-0900
Product Name: Spanner Wrench



Code No.: T8111-0400-00
Product Name: Protection Sleeve



Code No.: T8110-0600-00
Product Name: T-Wrench



Code No.: T8111-0200-00
Product Name: Quick coupling clamp



Code No.: T8111-0300-00
Product Name: T-Pin Insertor



Code No.: T8111-0500-00
Product Name: Bow-sharped Hand Drill



Code No.: T8110-5512 Size: $\phi 5 \times 120$
Code No.: T8110-5515 Size: $\phi 5 \times 150$
Code No.: T8110-5518 Size: $\phi 5 \times 180$
Product Name: Self-Drilling &
Self-Tapping Pin



Code No.: T8117-2815 Size: $\phi 8 \times 150$
Code No.: T8117-2820 Size: $\phi 8 \times 200$
Code No.: T8117-2825 Size: $\phi 8 \times 250$
Code No.: T8117-2830 Size: $\phi 8 \times 300$
Product Name: Connection Rod
Material : Carbon Fiber

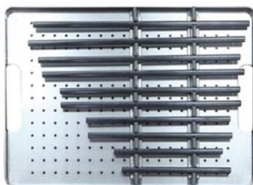
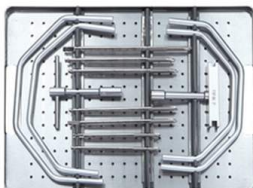


Code No.: T8115-7816 Size: $\phi 8 \times 160$
Code No.: T8115-7818 Size: $\phi 8 \times 180$
Code No.: T8115-7820 Size: $\phi 8 \times 200$
Product Name: Semi-circular
connection Rod



External Fixator $\phi 8$ Instrument

Item code	Product & Size	Quantity
1 T8111-7000	4-holes Pin Rod clamp $\phi 5$	3
2 T8112-7000	Rod to Rod Coupling $\phi 8^* \phi 8$	12
3 T8113-7000	Pin to Rod Coupling $\phi 8^* \phi 5$	12
4 T8114-5512	Self-drilling & Self-tapping Pin $\phi 5^* 120$	4
5 T8114-5515	Self-drilling & Self-tapping Pin $\phi 5^* 150$	8
6 T8114-5518	Self-drilling & Self-tapping Pin $\phi 5^* 180$	2
7 T8115-7816	Semi-Circular Connection Rod $\phi 8^* 160$	1
8 T8115-7818	Semi-Circular Connection Rod $\phi 8^* 180$	2
9 T8115-7820	Semi-Circular Connection Rod $\phi 8^* 200$	1
10 T8116-8801	Straight Post $\phi 8^* 65$	2
11 T8116-8802	30° Angled Post $\phi 8^* 80$	4
12 T8117-2815	Carbon Fiber Connection Rod $\phi 8^* 150$	2
13 T8117-2820	Carbon Fiber Connection Rod $\phi 8^* 200$	2
14 T8117-2825	Carbon Fiber Connection Rod $\phi 8^* 250$	2
15 T8117-2828	Carbon Fiber Connection Rod $\phi 8^* 280$	2
16 T8117-2830	Carbon Fiber Connection Rod $\phi 8^* 300$	2
17 T8111-0000	Instrument Case (Normal Case)	1
18 T8111-0001	Instrument Case (PPSU Case)	1
19 T8111-0100-00	Stabilization/Reduction wrench	2
20 T8111-0200-00	Quick Coupling Connector	1
21 T8111-0300-00	T-Pin Inserter	1
22 T8111-0400-00	Protection Sleeve	2
23 T8111-0500-00	Bow-Sharped hand drill	1
24 T8111-0600-00	T-Wrench	1
25 T8111-0700-00	Thumbwheel	1
26 T8111-0800-00	Booster Wrench	1
T8111-0900-00	Quick Coupling Connector(AO type) Universal	1



External Fixator $\phi 8$

Features:

- ◆ Three-dimension external fixators
- ◆ Simple manipulation, multiple construction, and modular external fixation
- ◆ Provide high versatility of frame configuration to fulfill the surgical needs, and components may be added to the frame at any time without having to dismantle the frame
- ◆ Clamps are made of Aluminum alloy, significantly reducing weight without compromising stability
- ◆ Connecting Rods available in Stainless Steel, Carbon, and Aluminium allowing for various types of elasticity
- ◆ Indicated for a variety of treatments for trauma and deformity

Indications:

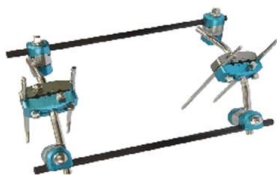
Treatment of appropriate skeletal fractures(intra or extra-articular)

- ◆ Humerus
- ◆ Tibia
- ◆ Femur
- ◆ Radius
- ◆ Fractures of the hands and feet
- ◆ Pelvic fractures

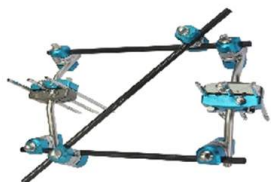
Common Combination External Fixator $\phi 5$



Unilateral Type-Humerus Fracture



Bilateral Type-Tibial Fracture



Bilateral Type-Femur Fracture



Triangle Type-Ankle Joint Combination



Ring Type-Tibial Plateau Combination



Triangle Type-Pelvic Combination

Common Combination External Fixator $\phi 11$



Code No.: T11112-7000
Product Name: Pin to rod coupling



Code No.: T1111217000
Product Name: Rod to rod coupling



Code No.: T11111-0200
Product Name: Compression Device



Code No.: T11113-8000
Product Name: Cross-link clamp



Code No.: T11111-0500-00
Product Name: Spanner Wrench



Code No.: T11111-0100-00
Product Name: Protection Sleeve



Code No.: T11111-0300-00
Product Name: T-Pin Insertor $\phi 5$



Code No.: T11111-0301-00
Product Name: T-Pin Insertor $\phi 6$



Code No.: T11111-0400-00
Size: $\phi 3.5 \times 200\text{mm}$
Code No.: T11111-0401-00
Size: $\phi 4.5 \times 200\text{mm}$
Product Name: Drill Bit



Code No.: T11115-5613
Size: $\phi 6 \times 130\text{mm}$
Code No.: T11115-5510
Size: $\phi 5 \times 100\text{mm}$
Product Name: Cortex Pin



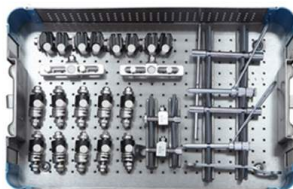
Code No.: T11114-5613
Size: $\phi 6 \times 130\text{mm}$
Code No.: T11114-5615
Size: $\phi 6 \times 150\text{mm}$
Code No.: T11114-5618
Size: $\phi 6 \times 180\text{mm}$
Product Name: Cancellous Pin



Code No.: T11118-21115
Size: $\phi 11 \times 150\text{mm}$
Code No.: T11118-21120
Size: $\phi 11 \times 200\text{mm}$
Code No.: T11118-21128
Size: $\phi 11 \times 280\text{mm}$
Code No.: T11118-21130
Size: $\phi 11 \times 300\text{mm}$
Material: Carbon Fiber
Product Name: Connection Rod



Code No.: T11117-8000
Size: $\phi 5 \times 150\text{mm}$
Material: Aluminium Alloy
Product Name: Connection Rod



External Fixator φ11

Item	code	Product &Size	Quantity
1	T8111-7000	4-holes Pin Rod clamp φ5	3
2	T8112-7000	Rod to Rod Coupling φ8*φ8	12
3	T8113-7000	Pin to Rod Coupling φ8*φ5	12
4	T8114-5512	Self-drilling &Self-tapping Pin φ5*120	4
5	T8114-5515	Self-drilling &Self-tapping Pin φ5*150	8
6	T8114-5518	Self-drilling &Self-tapping Pin φ5*180	2
7	T8115-7816	Semi-Circular Connection Rod φ8*160	1
8	T8115-7818	Semi-Circular Connection Rod φ8*180	2
9	T8115-7820	Semi-Circular Connection Rod φ8*200	1
10	T8116-8801	Straight Post φ8*65	2
11	T8116-8802	30°Angled Post φ8*80	4
12	T8117-2815	Carbon Fiber Connection Rod φ8*150	2
13	T8117-2820	Carbon Fiber Connection Rod φ8*200	2
14	T8117-2825	Carbon Fiber Connection Rod φ8*250	2
15	T8117-2828	Carbon Fiber Connection Rod φ8*280	2
16	T8117-2830	Carbon Fiber Connection Rod φ8*300	2
17	T8111-0000	Instrument Case (Normal Case)	1
18	T8111-0001	Instrument Case (PPSU Case)	1
19	T8111-0100-00	Stabilization/Reduction wrench	2
20	T8111-0200-00	Quick Coupling Connector	1
21	T8111-0300-00	T-Pin inserter	1
22	T8111-0400-00	Protection Sleeve	2
23	T8111-0500-00	Bow-Sharped hand drill	1
24	T8111-0600-00	T-Wrench	1
25	T8111-0700-00	Thumbwheel	1
26	T8111-0800-00	Booster Wrench	1
	T8111-0900-00	Quick Coupling Connector(AO type) Universal	1

Common Combination External Fixator φ11



Tibial Fracture



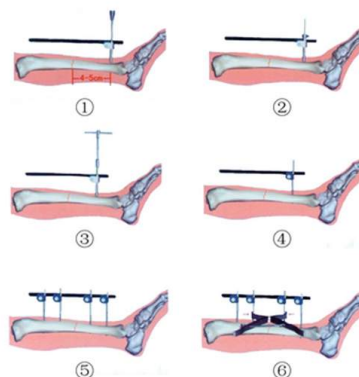
Tibial Plateau Fracture



Ankle Joint

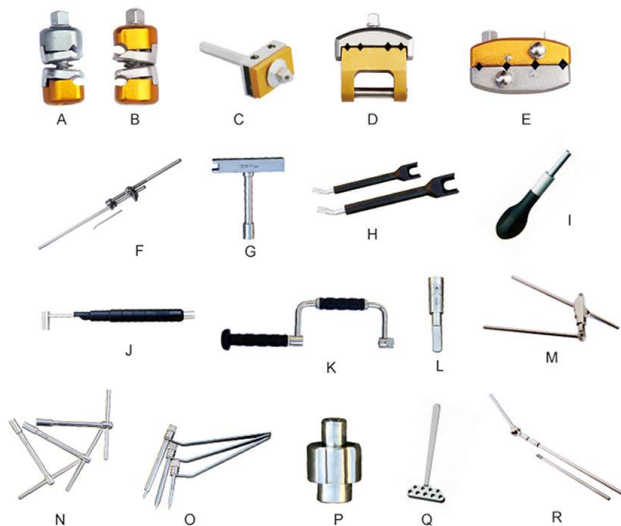
Knee Joint

External Fixation Operation Instructions:



1. Body Position: patient in the supine position, For fracture reduction.
2. To sure the point of pin: insert the screw through the Proximomedial Tibial ,chse the first point of pin which near fracture site 4-5cm, incision of skin, separate subcutaneous tissue, install the drilling module, put the position pin together with sleeve incision to the periosteum.
3. Drill Hole: remove the position pin, put the inside sleeve into the outside sleeve, use the stopper drill guide to drill hole, when drill bit drilling through cortical bone one side, touching another side cortical bone, determine the position of Stopper drill bit according to the thickness of the cortical bone and fixed on the drill bit, and continue drilling until drill out another side of Cortical Bone.
4. Pin insert : chose the right screw size, use T-Pin insert the screw, drill out contralateral bone two threads. confirm the screw position through X-Ray image
5. Install the clamp: remove the Drilling module, install the coupling, use Rod and pin to fix. insert the second screw with the same way, and continue install the coupling, Rod, Pin.
6. Fracture site compression: if need compression, use the compression clamp clamping 2 screws, then fix the coupling.
7. Check the Coupling and Rod is firmly fixed.
8. It is best to wash the wound with saline

External Fixation of Common (VI Type)



A. Pin to Rod Clamp

B. Rod to Rod Clamp

C. Pin Clamp-T

D. 4-Holes Pin Clamp

E. 4-Holes Pin to Rod Clamp

F. Compression Device

G. T-Wrench

H. Stabilization / Reduction Wrench

I. Wrench

J. Booster Wrench

K. Bow-Sharped Hand Drill

L. Quick Coupling Connector

M. Elbow Joint movement device

N. T-Pin Insertor

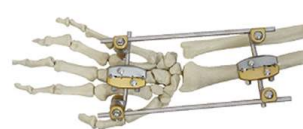
O. Protection Sleeve

P. Thumbwheel

Q. Porous Locator

R. Carpal Joint movement device

Common Combination External Fixator (VI Type)



Code Number: T8001

Product Name: Radius Joint External Fixator

Indications: Radius Fracture



Code Number: T8002

Product Name: Forearm External Fixator

Indications: Forearm Fracture



Code Number: T8003

Product Name: Humeral Shaft External Fixator

Indications: Humeral Shaft Fracture



Code Number: T8004

Product Name: Proximal Humer External Fixator

Indications: Proximal Humer and condylus Fracture



Code Number: T8005

Product Name: Finger Metacarpal Fractures

Indications: Finger metacarpal Shaft Fracture

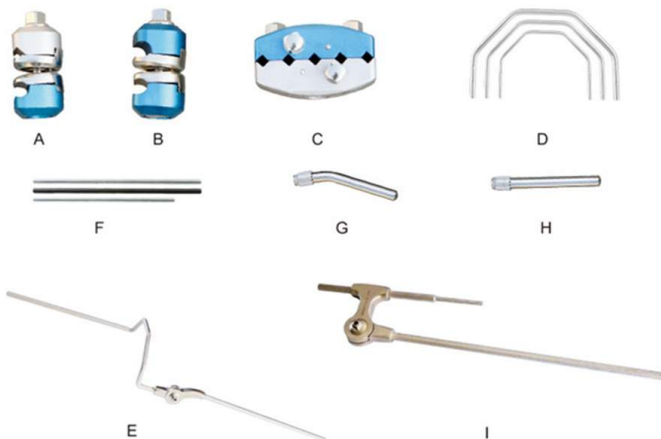


Code Number: T8006

Product Name: Proximal Ulna, Radius

Indications: Ulna, Radius Fractures

External Fixator (VI Type)



A. Pin to Rod Clamp

B. Rod to Rod Clamp

C. 5-holes Pin Clamp

D. Semi-Circular Connection Rod

E. Knee Movement Device

F. Connection Rod

G. 30° Angled Post

H. Straight Post

I. Ankle Joint Movement Device

Common Combination External Fixator (VI Type)



Code Number: T8007

Product Name: Proximal Tibial External Fixator

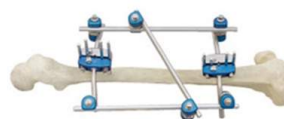
Indications: Proximal Tibial Fracture



Code Number: T8008

Product Name: Femur shaft External Fixator

Indications: Femur shaft Fracture



Code Number: T8009

Product Name: Half Rin (Standard) External Fixator

Indications: Femur/ Tibia/Fibula Fracture



Code Number: T8010

Product Name: Proximal Femur External Fixator

Indications: Femur Trochanteric Fracture



Code Number: T8011

Product Name: Knee Joint External Fixator

Indications: knee Joint Fracture



Code Number: T8012

Product Name: Pelvic External Fixator

Indications: Pelvic Fracture



Code Number: T8013
Product Name: Ankle Joint External Fixator
Indications: Ankle Joint Fracture



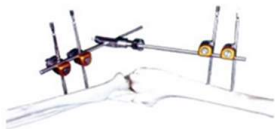
Code Number: T8014
Product Name: Knee Joint External Fixator
Indications: Knee Joint Fracture



Code Number: T8015
Product Name: Wrist Joint External Fixator
Indications: Wrist Joint Fracture



Code Number: T8016
Product Name: Knee Joint External Fixator
Indications: Knee Joint Fracture



Code Number: T8017
Product Name: Elbow Joint External Fixator
Indications: Elbow Joint Fracture



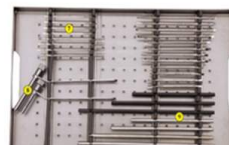
Code Number: T8018
Product Name: Ankle Joint External Fixator
Indications: Ankle Joint Fracture

※ Note: We can produce according to the customers requirement.

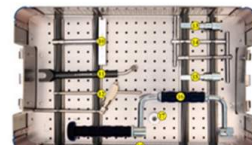
Upper Limb External Fixator Instrument (VI Type)



Rod to Rod Clamp	12 Pcs
Pin to Rod Clamp	12 Pcs
Cross Rod Clamp	3 Pcs
T-Clamp	1 Pcs
Straight Post	2 Pcs
30° Angled Post	4 Pcs
Pin	20 Pcs
Protecting Sleeve	2 Pcs
Connection Rod (AL/ CF)	7 Pcs



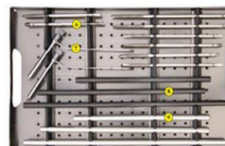
T-wrench	1Pcs
Stabilization/Reduction Wrench	1 Pcs
Elbow Joint Device	1 Pcs
Quick Coupling Clamp (3mm)	1 Pcs
T-Pin inserter	2 Pcs
Quick Coupling Clamp (4mm)	1 Pcs
Bow-sharped Hand Drill (small)	1 Pcs
Thumbwheel	1 Pcs
Normal Case / PPSU case	



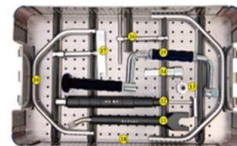
Lower Limb External Fixator Instrument (VI Type)















Rod to Rod Clamp	12 Pcs
Pin to Rod Clamp	12 Pcs
Cross Rod Clamp	3 Pcs
T-Clamp	1 Pcs
Straight Post	2 Pcs
30° Angled Post	4 Pcs
Pin	8 Pcs
Protecting Sleeve	2 Pcs
Connection Rod (AL/CF)	6 Pcs



Semi-Circular Connection Rod	2 Pcs
Stabilization/Reduction Wrench	1 Pcs
Booster Wrench	1 Pcs
Thumbwheel	1 Pcs
Quick Coupling Clamp (5mm)	2 Pcs
Bow-sharped Hand Drill (small)	1 Pcs
T-Pin inserter	1 Pcs
T-Wrench	1 Pcs
Normal Case / PPSU case	



External Fixation BoneTraction Pin / Drill Bit

External Fixation Bone Traction Pin / Drill Bit				Product Name				Material		Size	
Product Name	Picture	Material	Size		Triangle Type		Kirschner Wire	S.S	φ0.5×50-400		
Normal Type Pin		S.S	φ1.5×50-300		Quadrilateral Type			S.S	φ0.8×50-400		
		S.S	φ2.0×50-300					S.S	φ1.0×50-400		
		S.S	φ2.5×100-300					S.S	φ1.2×50-400		
		S.S	φ3.0×100-300					S.S	φ1.5×50-400		
		S.S	φ3.5×100-300					S.S	φ2.0×50-400		
		S.S	φ4.0×100-300					S.S	φ2.5×50-400		
		S.S	φ4.5×100-300					S.S	φ3.0×50-400		
		S.S	φ5.0×100-300			S.S	φ4.0×50-400				
Self-Tapping Pin		S.S	φ5.0×50-300		Semicircle Type		Hollow Drill Bit	S.S	φ2.0×150-250		
		S.S	φ6.0×50-300					S.S	φ2.5×150-250		
Self-Tapping& Self-Drilling Pin		S.S	φ3.0×50-300		Solid Drill Bit			S.S	φ3.2×150-250		
		S.S	φ4.0×50-300					S.S	φ4.8×150-250		
		S.S	φ5.0×50-300					S.S	φ5.0×150-250		
		S.S	φ6.0×50-300					S.S	φ6.0×150-250		
Threaded Pin		S.S	φ1.5×50-300					S.S	φ0.8×80-300		
		S.S	φ2.0×50-300					S.S	φ1.0×80-115		
		S.S	φ2.5×50-300			S.S	φ1.2×80-115				
		S.S	φ3.0×50-300			S.S	φ1.5×80-115				
		S.S	φ3.5×50-300			S.S	φ1.8×80-115				
		S.S	φ4.0×50-300			S.S	φ2.0×80-115				
		S.S	φ5.0×50-300			S.S	φ2.5×80-200				
		S.S	φ6.0×50-300			S.S	φ2.8×80-200				
Olive Pin		S.S	φ1.5×350/(300-50)	S.S	φ3.0×80-200						
		S.S	φ2.0×350/(200-50)	S.S	φ3.2×80-200						
		S.S	φ2.5×400/(250-150)	S.S	φ3.5×80-200						
		S.S	φ2.0×350/(300-50)	S.S	φ3.8×80-300						
		S.S	φ2.0×350/(200-150)	S.S	φ4.0×80-300						
		S.S	φ2.0×400/(250-150)	S.S	φ4.2×80-300						
		S.S	φ2.5×400/(250-150)	S.S	φ4.5×80-300						
		S.S	φ2.5×400/(250-150)	S.S	φ4.8×80-300						
		S.S	φ5.0×80-300	S.S	φ5.5×80-300						
		S.S	φ6.0×80-300	S.S	φ6.0×80-300						

※ Note: the above material can be select for titanium alloy