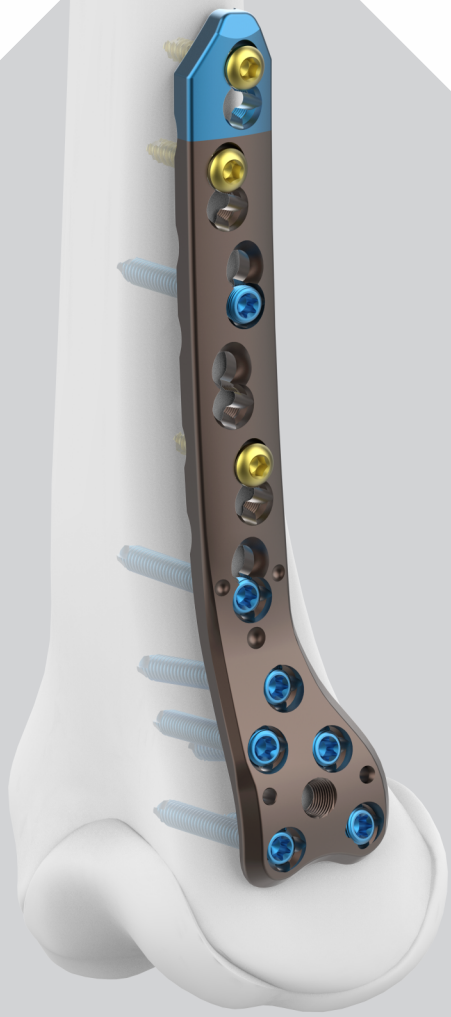
Auxein®



Surgical Technique

AV-Wiselock 4.5/5.0mm Large Fragment System

www.auxein.com

about us

Auxein Medical is an integrated, research based, orthopaedic Implants & instruments manufacturing company, producing a wide range of quality, affordable generic implants, trusted by healthcare professionals and patients across geographies. It is the Company's constant endeavor to provide a wide basket of generic and our innovator products that exceed the highest expectations of customers in term of quality and safety. The company has world-class manufacturing unit established in india and serves customers in over 75 countries worldwide.

Guidelines

This publication sets forth detailed recommended procedures for using Auxein Medical devices and instruments.

It offers guidance that needs to be heeded. However, with any such technical guide, each surgeon must consider the unique needs of each patient and make appropriate adjustments when and as required.

A workshop training under DAIS Academy by Auxein will provide assistance prior to first surgery. It is vital to know that all non-sterile devices must be cleaned and sterilized before use.

Moreover, multi-component instruments must be disassembled for cleaning. The surgeon must discuss all relevant risks, including the finite lifetime of the device, with the patient, when necessary.

Please NOTE that all the bone screws referenced in this document here are not approved for screw attachment or fixation in the areas not mentioned in this publication.

Warning:
This description is not sufficient for immediate application of the instrumentation. Instruction by a surgeon experienced in handling this instrumentation is highly recommended.

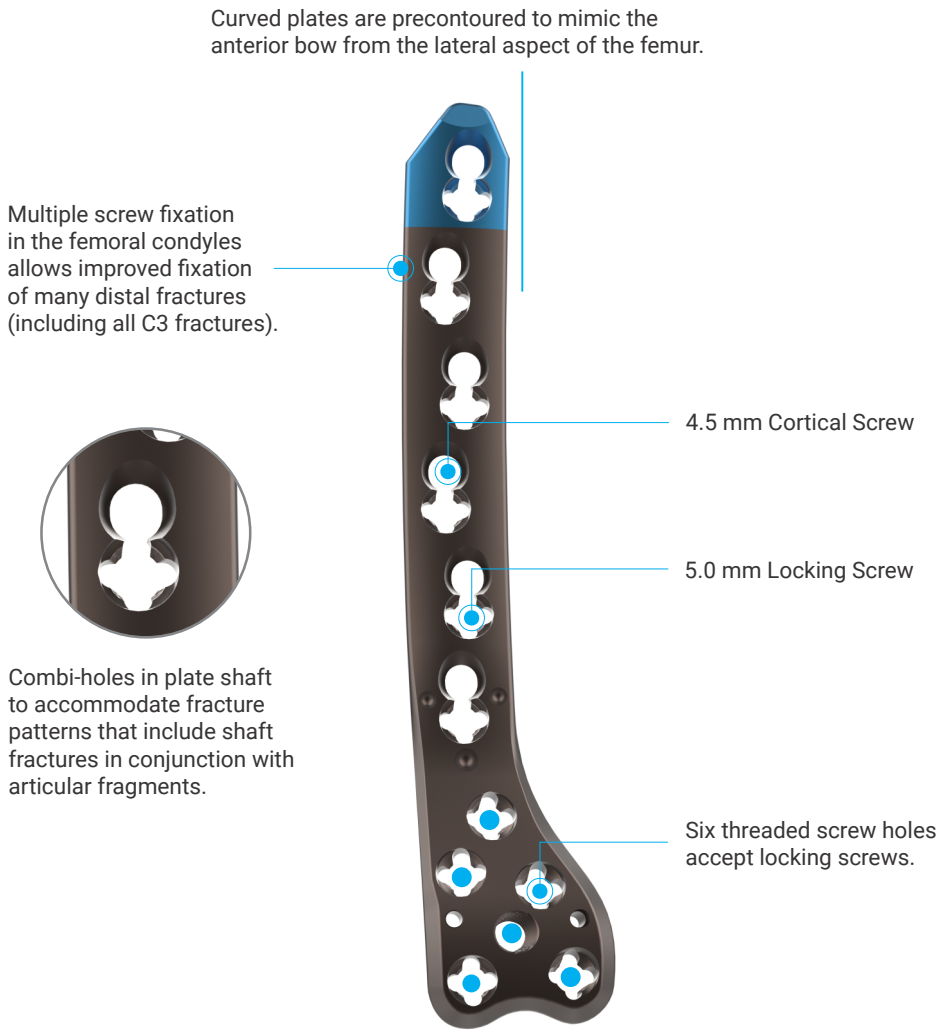
DAIS
Division of Auxein Institute for Surgeons

Organised by: Auxein

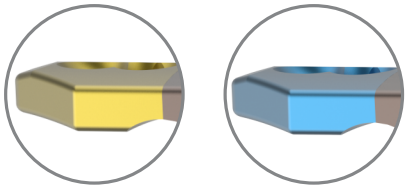
System Description

The 4.5/5.0mm AV-Wiselock Condylar Femur Plate has many similarities to traditional plate fixation methods, with a few important improvements.

The technical innovation of locking screws provides the ability to create a 15 degree varixis construct. Locking capability is important for a variable angle construct in osteopenic bone or multifragment fractures where screw purchase is compromised.



Low-profile, anatomically shaped plates designed for left or right femur.



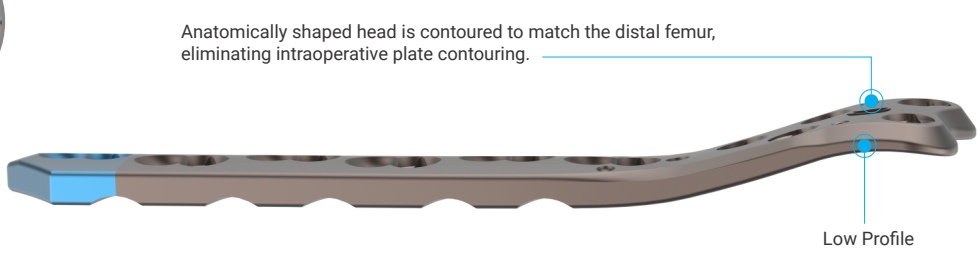


Plate shaft

1. Straight plates available with 6 or 8 combi-holes in plate shaft.
2. Curved plates available with 10, 12, 14, 16, 18,20.

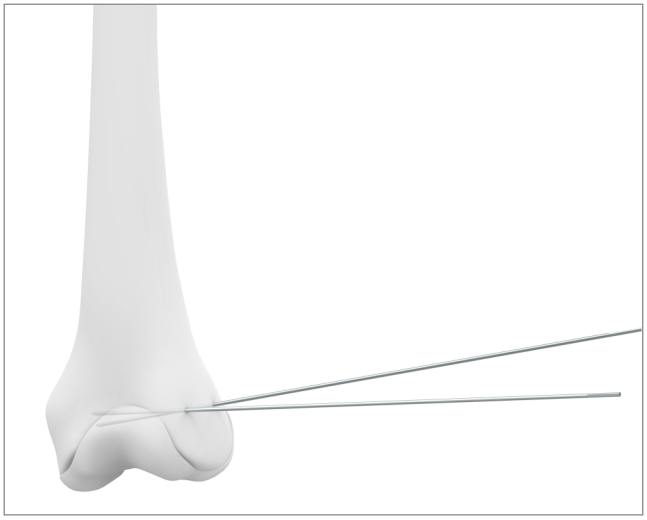
Surgical Steps:-

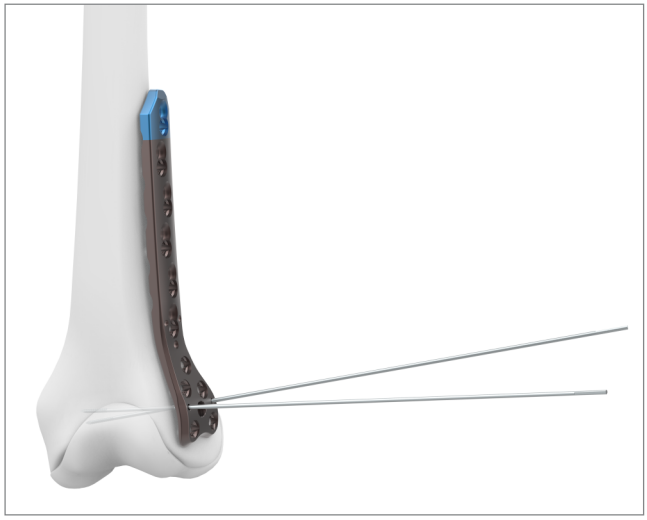
1. Preparation

Complete preoperative radiographic assessment and prepare the preoperative plan. Position the patient supine on a radio - lucent operating table. Viewing the distal femur under fluoroscopy in both the lateral and AP views is necessary.

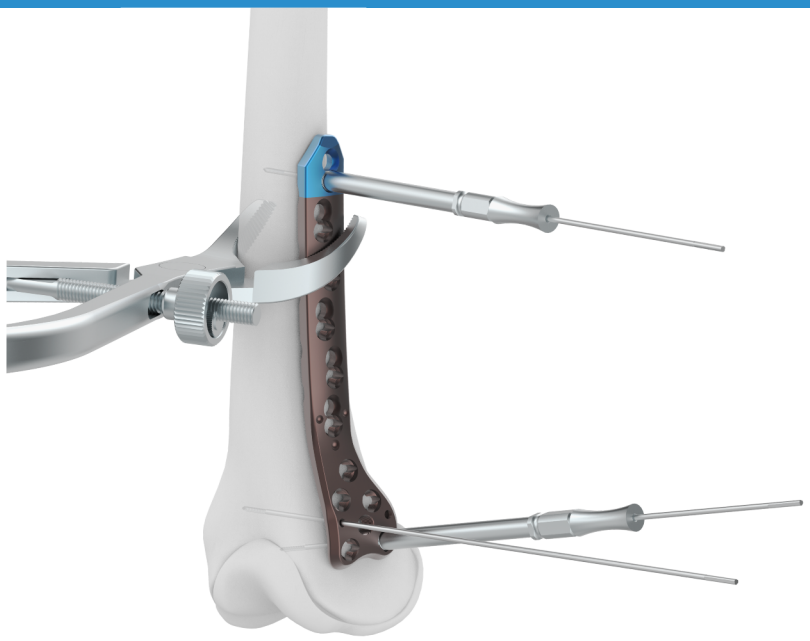
2. Reduce Articular Surface

Reduce the fracture fragments and confirm reduction using Image Intesnification.
Fragments may be reduced using Independent K wires or Reduce and temporarily secure the articular fragments with pointed reduction forceps and/or Kirschner wires. If a posterior Hoffa fragment is present,it must be reduced and provisionally stabilized with Kirschner wires inserted fromanterior to posterior.
GW-2.0-230 Guide Wire with Threaded Tip, Ø2.0mm x Thread Length 10mm x Length 230mm





3. Plate positioning



Prior to placing the plate against the bone, thread at least two wire guides 5.0 into the holes in the head of the plate. Use the wire guides to help position the plate on the bone. Using anatomic landmarks and C-Arm imaging, mount the plate on the intact or reconstructed condyle without attempting to reduce the proximal portion of the fracture.

Notes:
It is easier to thread the wire guides into the plate prior to placing the plate on the bone. Use of the wire guide is mandatory for locking the screws to the plate properly

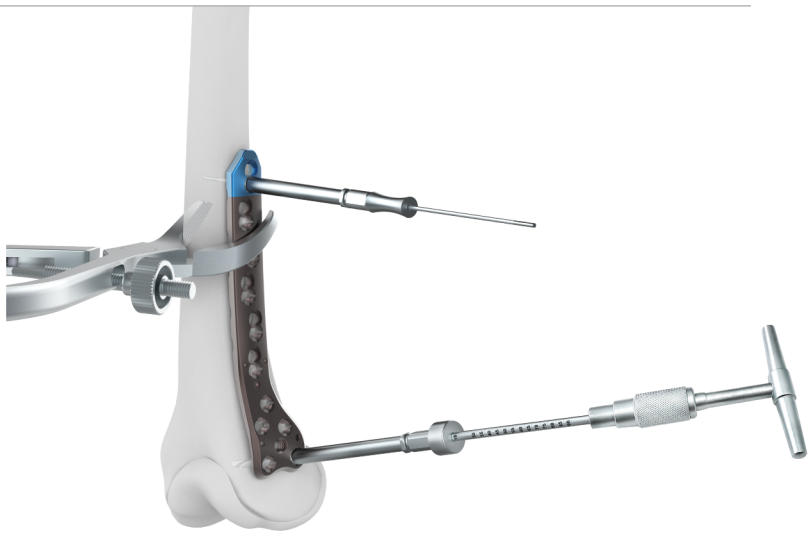
7-157-04 Threaded Drill Sleeve, Ø4.3/5.0mm for AV-Wiselock Large Fragment

2106-2.0 Guide Sleeve for Ø2.0mm K. Wires (for Large Fragment)

2105-000 Self-Centering Bone Holding Forcep, Speed Lock, (for Large Fragment)

GW-2.0-230 Guide Wire with Threaded Tip, Ø2.0mm x Thread Length 10mm x Length 230mm.

4. Insertion of Head Locking Holes



4.1 Drilling

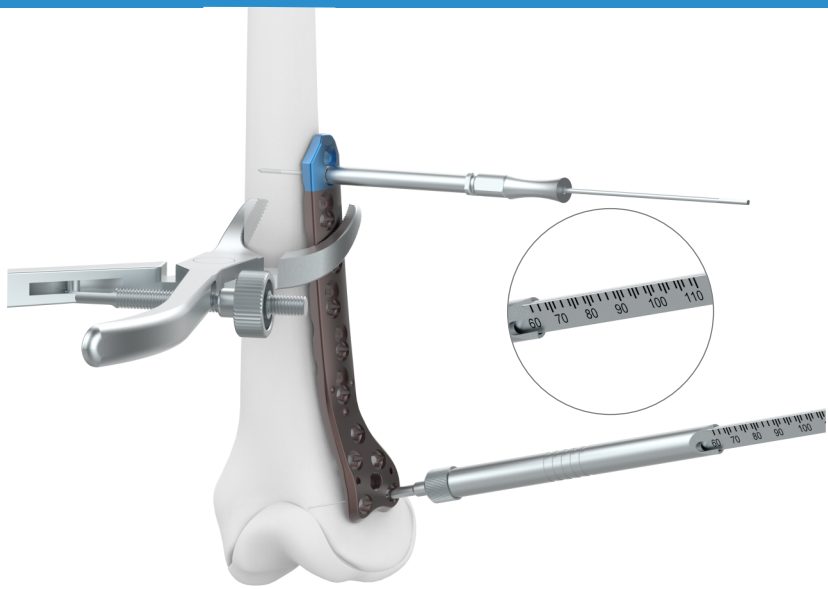
Once the plate positioning is done.
For fix angle construct. Insert the 4.3mm drill bit with stopper **(2103-4.3-225)** coupled with Quick Coupling Handle into the threaded sleeve. **3402-000** T-Handle with Quick Coupling (for Large Fragment)

Use the image intensifier to drill requred depth, stopper will resist over drilling. Advance the drill bit until it reaches the medial wall of the femoral condyle.
The stopper will resist over drilling.

For Angular Construct
Couple the 4.3mm Varaible Angle Double Drill Guide **(7-157-03)** into any head hole. Insert the drill bit in the desired angle depending on the fracture. Advance the drill until it reaches the medial wall of femoral condyle.

4.2 Depth Measurement

Uncoupled or unthread the drill sleeves from the locking hole. Advance the tip of the depth gauge into the drilled hole until the tip touches the drilled surface of femoral condyle. The depth can be reflected on the scale. **3443-400** Depth Gauge measuring upto 110mm (for Large Fragment)

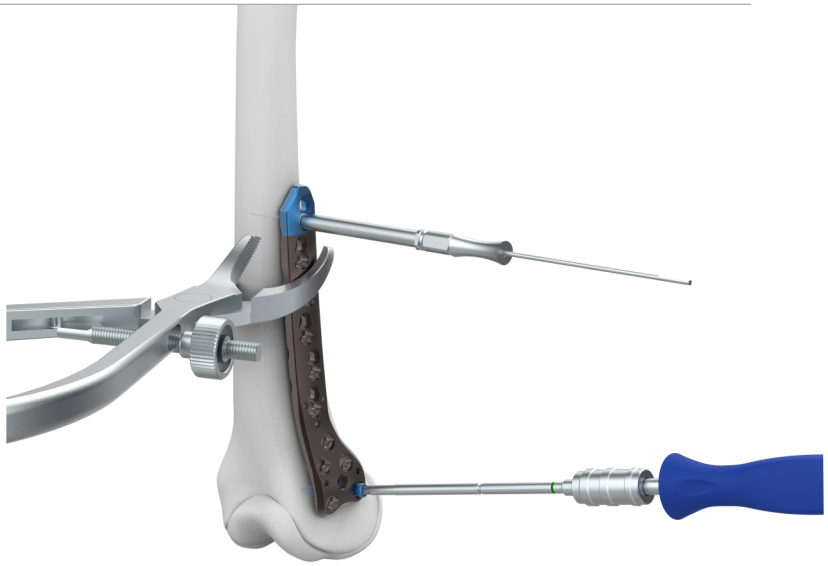


4.3 Screw Insertion

The Screw Holding Sleeve **3406-04S**, is attached with **(7-157-01)** Star Screwdriver Shaft, T25 couple with **3402-000** T-Handle with Quick Coupling. This assembly is use to pick and insert the 5.0mm locking screw into the predrill hole.

Repeat the above steps to insert and lock the screw.
For final tightening use the Torque limiting coupling attachment,**4.0Nm**.
Rotate the assembly clockwise to final fixation. The torque limiter will prevent over tightening and damage screw recess.

TQ-3.5 Torque Limiting Attachment, 4.0Nm, (for Large Fragment **1472-064** Torque Screwdriver Handle (for Large Fragment)

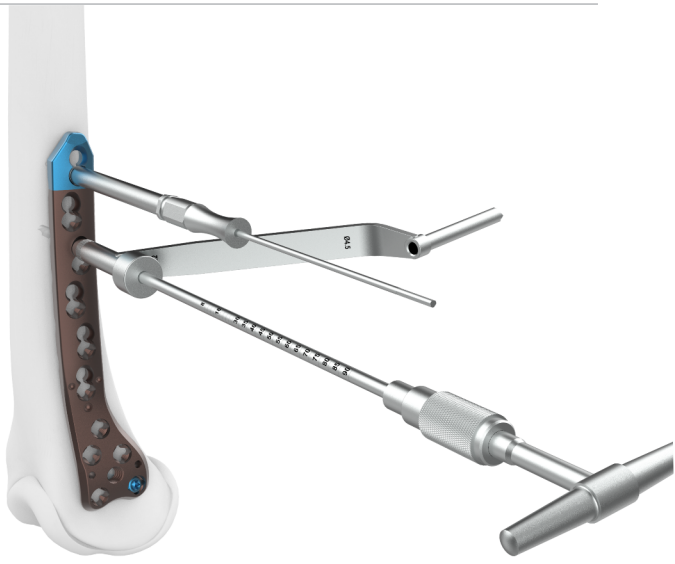


5. Cortical Screw Fixation

5.1 Drilling

Use **1472-058** Self-Centering Double Drill Guide, Ø4.5/3.2mm, to predrill the hole for Cortical Screw.
Pass the **2100-3. 2-145** Drill Bit with Quick Coupling End, Ø3.2mm x Length 145mm through the sleeve to break both the cortices.

For the neutral position, press the drill guide down in the non threaded hole. To obtain compression, place the drill guide at the end of the non threaded hole away from the fracture. Do not apply downward pressure on the drill guide's spring-loaded tip.



5.2 Depth Measurement

Measure for screw length using a depth gauge. Select and insert the appropriate length 4.5 mm cortical screw. **3443-400** Depth Gauge measuring upto 110mm (for Large Fragment)

5.3 Tapping

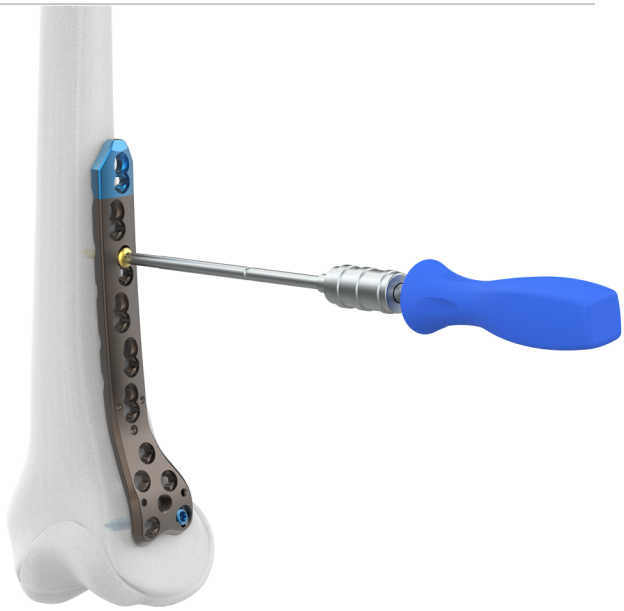
Use the **2103-07** Bone Tap Quick Coupling for Ø4.5mm Cortical Screws into the predrilled hole to mimic the screw threads into the cavity for easy insertion.

5.4 Screw Insertion

The Screw Holding Sleeve for 3.5mm Cortical Screw **1472-056** is attached with **7-157-01** Screwdriver Shaft, T25,with T Handle with Quick Coupling **(3402-000).** This assembly is use to pick and insert the 4.5mm Cortical screw into the predrill hole.

For Final Tightening

Couple the **7-157-01** Screwdriver Shaft, T25, with TQ-3.5 Torque Limiting Attachment, 4.0Nm,attached with torque limiting handle. Rotate the assembly clockwise for final tightening of screw. The torque limiting attachment will prevent over tightening of screw and damage of screw recess.



AV-WISELOCK

4.5/5.0mm AV- Wiselock Large Fragment System

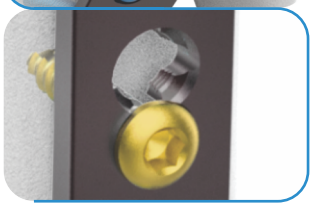
AV-Wiselock Large Fragment system offer solutions for diverse surgicals situations with implant versaltility.

Plate Features

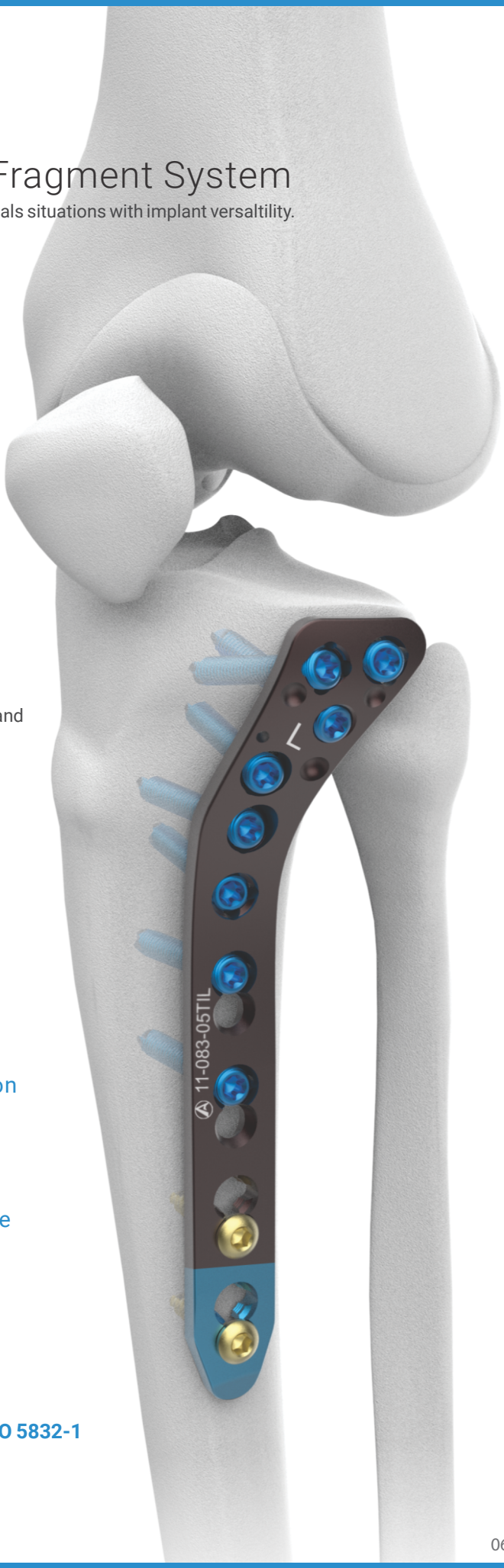
- Plate includes variable angle locking holes and variable angle Combi holes
- AV-Wiselock Variable angle of ± 15° in all directions in each screw hole
- Permits use of minimally invasive surgical technique
- AV-Wiselock Screws adapt screw angles to diverse fracture patterns and anatomies
- Various instrument options for fixed and variable angle predrilling in the plate head
- Buttressing of multifragmentary distal femur fractures Supracondylar fractures.
- Intra-articular and extra-articular condylar fractures Malunions and nonunions of the distal femur Periprosthetic fractures bone.

AV-Wiselock Variable Angle Locking

Options for Minimally-invasive instrumentation



AV-Wiselock Combi Hole



Plates Available in

Titanium as per ISO 5832-3 and Stainless Steel as per ISO 5832-1

4.5/5.0mm AV-Wiselock Condylar Femur Plate

Left
Right

Non Sterile

Hole	Direction	Titanium	Stainless Steel
6	Left	11-028-06LTI	11-028-06LSS
6	Right	11-028-06RTI	11-028-06RSS
8	Left	11-028-08LTI	11-028-08LSS
8	Right	11-028-08RTI	11-028-08RSS
10	Left	11-028-10LTI	11-028-10LSS
10	Right	11-028-10RTI	11-028-10RSS
12	Left	11-028-12LTI	11-028-12LSS
12	Right	11-028-12RTI	11-028-12RSS
14	Left	11-028-14LTI	11-028-14LSS
14	Right	11-028-14RTI	11-028-14RSS
16	Left	11-028-16LTI	11-028-16LSS
16	Right	11-028-16RTI	11-028-16RSS
18	Left	11-028-18LTI	11-028-18LSS
18	Right	11-028-18RTI	11-028-18RSS

STERILE

Hole	Direction	Titanium	Stainless Steel
6	Left	11-028-06LTI-S	11-028-06LSS-S
6	Right	11-028-06RTI-S	11-028-06RSS-S
8	Left	11-028-08LTI-S	11-028-08LSS-S
8	Right	11-028-08RTI-S	11-028-08RSS-S
10	Left	11-028-10LTI-S	11-028-10LSS-S
10	Right	11-028-10RTI-S	11-028-10RSS-S
12	Left	11-028-12LTI-S	11-028-12LSS-S
12	Right	11-028-12RTI-S	11-028-12RSS-S
14	Left	11-028-14LTI-S	11-028-14LSS-S
14	Right	11-028-14RTI-S	11-028-14RSS-S
16	Left	11-028-16LTI-S	11-028-16LSS-S
16	Right	11-028-16RTI-S	11-028-16RSS-S
18	Left	11-028-18LTI-S	11-028-18LSS-S
18	Right	11-028-18RTI-S	11-028-18RSS-S

4.5/5.0mm AV-Wiselock Distal Femur Plate

Left

Right

Non Sterile

STERILE

Hole	Direction	Titanium	Stainless Steel
5	Left	11-082-05TIL	11-082-05SSL
5	Right	11-082-05TIR	11-082-05SSR
7	Left	11-082-07TIL	11-082-07SSL
7	Right	11-082-07TIR	11-082-07SSR
9	Left	11-082-09TIL	11-082-09SSL
9	Right	11-082-09TIR	11-082-09SSR
11	Left	11-082-11TIL	11-082-11SSL
11	Right	11-082-11TIR	11-082-11SSR
13	Left	11-082-13TIL	11-082-13SSL
13	Right	11-082-13TIR	11-082-13SSR
15	Left	11-082-15TIL	11-082-15SSL
15	Right	11-082-15TIR	11-082-15SSR

Hole	Direction	Titanium	Stainless Steel
5	Left	11-082-05TIL-S	11-082-05SSL-S
5	Right	11-082-05TIR-S	11-082-05SSR-S
7	Left	11-082-07TIL-S	11-082-07SSL-S
7	Right	11-082-07TIR-S	11-082-07SSR-S
9	Left	11-082-09TIL-S	11-082-09SSL-S
9	Right	11-082-09TIR-S	11-082-09SSR-S
11	Left	11-082-11TIL-S	11-082-11SSL-S
11	Right	11-082-11TIR-S	11-082-11SSR-S
13	Left	11-082-13TIL-S	11-082-13SSL-S
13	Right	11-082-13TIR-S	11-082-13SSR-S
15	Left	11-082-15TIL-S	11-082-15SSL-S
15	Right	11-082-15TIR-S	11-082-15SSR-S

4.5/5.0mm AV-Wiselock Proximal Lateral Tibia Plate

Left
Right

Non Sterile

Hole	Direction	Titanium	Stainless Steel
5	Left	11-083-05TIL	11-083-05SSL
5	Right	11-083-05TIR	11-083-05SSR
7	Left	11-083-07TIL	11-083-07SSL
7	Right	11-083-07TIR	11-083-07SSR
9	Left	11-083-09TIL	11-083-09SSL
9	Right	11-083-09TIR	11-083-09SSR
11	Left	11-083-11TIL	11-083-11SSL
11	Right	11-083-11TIR	11-083-11SSR
13	Left	11-083-13TIL	11-083-13SSL
13	Right	11-083-13TIR	11-083-13SSR

STERILE

Hole	Direction	Titanium	Stainless Steel
5	Left	11-083-05TIL-S	11-083-05SSL-S
5	Right	11-083-05TIR-S	11-083-05SSR-S
7	Left	11-083-07TIL-S	11-083-07SSL-S
7	Right	11-083-07TIR-S	11-083-07SSR-S
9	Left	11-083-09TIL-S	11-083-09SSL-S
9	Right	11-083-09TIR-S	11-083-09SSR-S
11	Left	11-083-11TIL-S	11-083-11SSL-S
11	Right	11-083-11TIR-S	11-083-11SSR-S
13	Left	11-083-13TIL-S	11-083-13SSL-S
13	Right	11-083-13TIR-S	11-083-13SSR-S

Screw

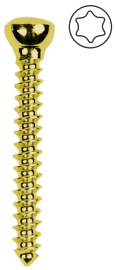
4.5mm Cortical Screw, Self-Tapping, (Star Head)

Non Sterile

Dia	Length	Titanium	Stainless Steel
Ø4.5	12mm	11-090-012TI	11-090-012SS
Ø4.5	14mm	11-090-014TI	11-090-014SS
Ø4.5	16mm	11-090-016TI	11-090-016SS
Ø4.5	18mm	11-090-018TI	11-090-018SS
Ø4.5	20mm	11-090-020TI	11-090-020SS
Ø4.5	22mm	11-090-022TI	11-090-022SS
Ø4.5	24mm	11-090-024TI	11-090-024SS
Ø4.5	26mm	11-090-026TI	11-090-026SS
Ø4.5	28mm	11-090-028TI	11-090-028SS
Ø4.5	30mm	11-090-030TI	11-090-030SS
Ø4.5	32mm	11-090-032TI	11-090-032SS
Ø4.5	34mm	11-090-034TI	11-090-034SS
Ø4.5	36mm	11-090-036TI	11-090-036SS
Ø4.5	38mm	11-090-038TI	11-090-038SS
Ø4.5	40mm	11-090-040TI	11-090-040SS
Ø4.5	42mm	11-090-042TI	11-090-042SS
Ø4.5	44mm	11-090-044TI	11-090-044SS
Ø4.5	46mm	11-090-046TI	11-090-046SS
Ø4.5	48mm	11-090-048TI	11-090-048SS
Ø4.5	50mm	11-090-050TI	11-090-050SS
Ø4.5	52mm	11-090-052TI	11-090-052SS
Ø4.5	54mm	11-090-054TI	11-090-054SS
Ø4.5	56mm	11-090-056TI	11-090-056SS
Ø4.5	58mm	11-090-058TI	11-090-058SS
Ø4.5	60mm	11-090-060TI	11-090-060SS
Ø4.5	62mm	11-090-062TI	11-090-062SS
Ø4.5	64mm	11-090-064TI	11-090-064SS
Ø4.5	66mm	11-090-066TI	11-090-066SS
Ø4.5	68mm	11-090-068TI	11-090-068SS
Ø4.5	70mm	11-090-070TI	11-090-070SS
Ø4.5	72mm	11-090-072TI	11-090-072SS
Ø4.5	74mm	11-090-074TI	11-090-074SS
Ø4.5	75mm	11-090-075TI	11-090-075SS
Ø4.5	76mm	11-090-076TI	11-090-076SS
Ø4.5	78mm	11-090-078TI	11-090-078SS
Ø4.5	80mm	11-090-080TI	11-090-080SS
Ø4.5	85mm	11-090-085TI	11-090-085SS
Ø4.5	90mm	11-090-090TI	11-090-090SS

STERILE

Dia	Length	Titanium	Stainless Steel
Ø4.5	12mm	11-090-012TI-S	11-090-012SS-S
Ø4.5	14mm	11-090-014TI-S	11-090-014SS-S
Ø4.5	16mm	11-090-016TI-S	11-090-016SS-S
Ø4.5	18mm	11-090-018TI-S	11-090-018SS-S
Ø4.5	20mm	11-090-020TI-S	11-090-020SS-S
Ø4.5	22mm	11-090-022TI-S	11-090-022SS-S
Ø4.5	24mm	11-090-024TI-S	11-090-024SS-S
Ø4.5	26mm	11-090-026TI-S	11-090-026SS-S
Ø4.5	28mm	11-090-028TI-S	11-090-028SS-S
Ø4.5	30mm	11-090-030TI-S	11-090-030SS-S
Ø4.5	32mm	11-090-032TI-S	11-090-032SS-S
Ø4.5	34mm	11-090-034TI-S	11-090-034SS-S
Ø4.5	36mm	11-090-036TI-S	11-090-036SS-S
Ø4.5	38mm	11-090-038TI-S	11-090-038SS-S
Ø4.5	40mm	11-090-040TI-S	11-090-040SS-S
Ø4.5	42mm	11-090-042TI-S	11-090-042SS-S
Ø4.5	44mm	11-090-044TI-S	11-090-044SS-S
Ø4.5	46mm	11-090-046TI-S	11-090-046SS-S
Ø4.5	48mm	11-090-048TI-S	11-090-048SS-S
Ø4.5	50mm	11-090-050TI-S	11-090-050SS-S
Ø4.5	52mm	11-090-052TI-S	11-090-052SS-S
Ø4.5	54mm	11-090-054TI-S	11-090-054SS-S
Ø4.5	56mm	11-090-056TI-S	11-090-056SS-S
Ø4.5	58mm	11-090-058TI-S	11-090-058SS-S
Ø4.5	60mm	11-090-060TI-S	11-090-060SS-S
Ø4.5	62mm	11-090-062TI-S	11-090-062SS-S
Ø4.5	64mm	11-090-064TI-S	11-090-064SS-S
Ø4.5	66mm	11-090-066TI-S	11-090-066SS-S
Ø4.5	68mm	11-090-068TI-S	11-090-068SS-S
Ø4.5	70mm	11-090-070TI-S	11-090-070SS-S
Ø4.5	72mm	11-090-072TI-S	11-090-072SS-S
Ø4.5	74mm	11-090-074TI-S	11-090-074SS-S
Ø4.5	75mm	11-090-075TI-S	11-090-075SS-S
Ø4.5	76mm	11-090-076TI-S	11-090-076SS-S
Ø4.5	78mm	11-090-078TI-S	11-090-078SS-S
Ø4.5	80mm	11-090-080TI-S	11-090-080SS-S
Ø4.5	85mm	11-090-085TI-S	11-090-085SS-S
Ø4.5	90mm	11-090-090TI-S	11-090-090SS-S



Screw

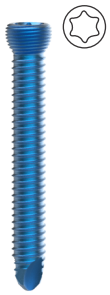
5.0mm AV-Wiselock Screw, Self-Tapping, (Star Head)

Non Sterile

Dia	Length	Titanium	Stainless Steel
Ø5.0	20mm	11-089-020TI	11-089-020SS
Ø5.0	22mm	11-089-022TI	11-089-022SS
Ø5.0	24mm	11-089-024TI	11-089-024SS
Ø5.0	26mm	11-089-026TI	11-089-026SS
Ø5.0	28mm	11-089-028TI	11-089-028SS
Ø5.0	30mm	11-089-030TI	11-089-030SS
Ø5.0	32mm	11-089-032TI	11-089-032SS
Ø5.0	34mm	11-089-034TI	11-089-034SS
Ø5.0	36mm	11-089-036TI	11-089-036SS
Ø5.0	38mm	11-089-038TI	11-089-038SS
Ø5.0	40mm	11-089-040TI	11-089-040SS
Ø5.0	42mm	11-089-042TI	11-089-042SS
Ø5.0	44mm	11-089-044TI	11-089-044SS
Ø5.0	46mm	11-089-046TI	11-089-046SS
Ø5.0	48mm	11-089-048TI	11-089-048SS
Ø5.0	50mm	11-089-050TI	11-089-050SS
Ø5.0	55mm	11-089-055TI	11-089-055SS
Ø5.0	60mm	11-089-060TI	11-089-060SS
Ø5.0	65mm	11-089-065TI	11-089-065SS
Ø5.0	70mm	11-089-070TI	11-089-070SS
Ø5.0	75mm	11-089-075TI	11-089-075SS
Ø5.0	80mm	11-089-080TI	11-089-080SS
Ø5.0	85mm	11-089-085TI	11-089-085SS
Ø5.0	90mm	11-089-090TI	11-089-090SS

STERILE

Dia	Length	Titanium	Stainless Steel
Ø5.0	20mm	11-089-020TI-S	11-089-020SS-S
Ø5.0	22mm	11-089-022TI-S	11-089-022SS-S
Ø5.0	24mm	11-089-024TI-S	11-089-024SS-S
Ø5.0	26mm	11-089-026TI-S	11-089-026SS-S
Ø5.0	28mm	11-089-028TI-S	11-089-028SS-S
Ø5.0	30mm	11-089-030TI-S	11-089-030SS-S
Ø5.0	32mm	11-089-032TI-S	11-089-032SS-S
Ø5.0	34mm	11-089-034TI-S	11-089-034SS-S
Ø5.0	36mm	11-089-036TI-S	11-089-036SS-S
Ø5.0	38mm	11-089-038TI-S	11-089-038SS-S
Ø5.0	40mm	11-089-040TI-S	11-089-040SS-S
Ø5.0	42mm	11-089-042TI-S	11-089-042SS-S
Ø5.0	44mm	11-089-044TI-S	11-089-044SS-S
Ø5.0	46mm	11-089-046TI-S	11-089-046SS-S
Ø5.0	48mm	11-089-048TI-S	11-089-048SS-S
Ø5.0	50mm	11-089-050TI-S	11-089-050SS-S
Ø5.0	55mm	11-089-055TI-S	11-089-055SS-S
Ø5.0	60mm	11-089-060TI-S	11-089-060SS-S
Ø5.0	65mm	11-089-065TI-S	11-089-065SS-S
Ø5.0	70mm	11-089-070TI-S	11-089-070SS-S
Ø5.0	75mm	11-089-075TI-S	11-089-075SS-S
Ø5.0	80mm	11-089-080TI-S	11-089-080SS-S
Ø5.0	85mm	11-089-085TI-S	11-089-085SS-S
Ø5.0	90mm	11-089-090TI-S	11-089-090SS-S



2100-3.2-145 Drill Bit with Quick Coupling End, Ø3.2mm x Length 145mm, (for Large Fragment)

2100-4.5-145 Drill Bit with Quick Coupling End, Ø4.5mm x Length 145mm, (for Large Fragment)

2103-07 Bone Tap Quick Coupling for Ø4.5mm Cortical Screws, (for Large Fragment)

2103-09 Bone Tap Quick Coupling for Ø6.5mm Cancellous Screws, (for Large Fragment)

2103-4.3-225 Drill Bit Quick Coupling with Stopper Ø4.3mm x Length 225mm, (for Large Fragment)

2106-2.0 Guide Sleeve for Ø2.0mm K. Wires (for Large Fragment)

3400-02 T-Handle Countersink for Ø4.5/6.5mm Screws, (for Large Fragment)

3420-02 Insert Drill Sleeve, Ø4.5/3.2mm, (for Large Fragment)

3443-38-5.0 Extraction Screw, Ø5.0mm, (for Large Fragment)

3408-04 Hexagonal Screwdriver Shaft - 3.5mm Tip, Quick Coupling, Short (for Large Fragment)

2186-3.5 HSS Drill Bit, Ø3.5mm, (for Large Fragment)

1472-058 Self-Centering Double Drill Guide, Ø4.5/3.2mm, (for Large Fragment)

3767-6.5 Double Drill Guide, Ø6.5/3.2mm, (for Large Fragment)

BT-LF-S Bending Template, Small, (for Large Fragment)

BT-LF-M Bending Template, Medium, (for Large Fragment)

BT-LF-L Bending Template, Large, (for Large Fragment)

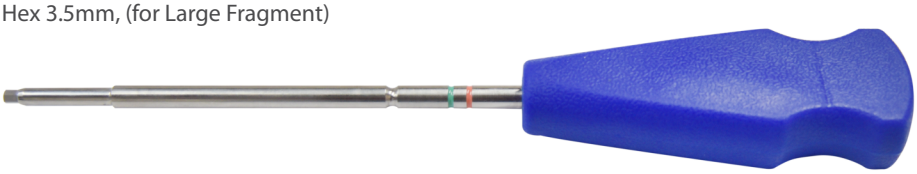
GW-2.0-230 Guide Wire with Threaded Tip, Ø2.0mm x Thread Length 10mm x Length 230mm

3766-003 Allen Key, Hex 3.0mm (for Large Fragment)

1472-052 Pulling Drill Bit, Ø4.0mm (for Large Fragment)

3443-400 Depth Gauge measuring upto 110mm (for Large Fragment)

3406-04 Screwdriver, Hex 3.5mm, (for Large Fragment)



3406-04S Holding Sleeve for Screwdriver, Hex 3.5mm, for Locking Screw

3445-3.5 T-Handle Screwdriver, Hex 3.5mm, Self-Retaining (for Large Fragment)

1472-056 Screwdriver Holding Sleeve for Cortical and Cancellous Screws (for Large Fragment)

3408-04L Hexagonal Screwdriver Shaft with Quick Coupling - 3.5mm Tip, Long

7-051-04 Trephine (for Large Fragment)

3402-000 T-Handle with Quick Coupling (for Large Fragment)

1472-054 Quick Coupling Shaft (for Large Fragment)

TQ-3.5 Torque Limiting Attachment, 4.0Nm, (for Large Fragment

1472-064 Torque Screwdriver Handle (for Large Fragment))

3409-01L Bending Iron, Left, (for Large Fragment)

3409-01R Bending Iron, Right, (for Large Fragment)

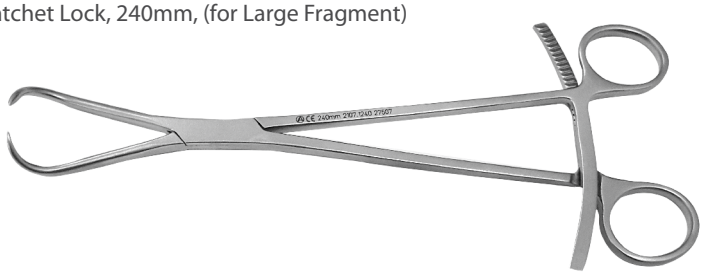
1472-032 Articulated Tension Device (for Large Fragment)

1472-034 Articulated Tension Device Key (for Large Fragment)

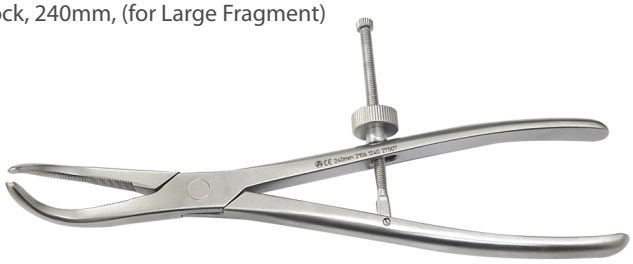
2150-1008 Periosteal Elevator, Round, 8mm, (for Large Fragment)

2150-1016 Periosteal Elevator, Flat, 16mm, (for Large Fragment)

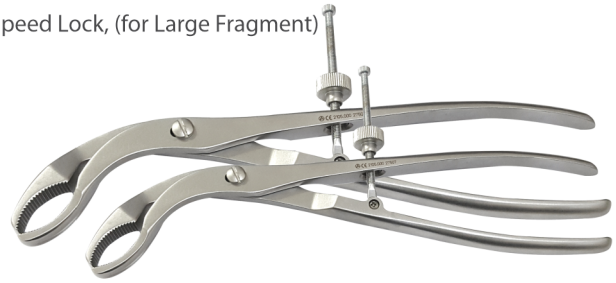
2107-1240 Reduction Forcep, Pointed, Ratchet Lock, 240mm, (for Large Fragment)



2106-1240 Reduction Forcep, Serrated, Speed Lock, 240mm, (for Large Fragment)



2105-000 Self-Centering Bone Holding Forcep, Speed Lock, (for Large Fragment)



1472-070 Hohmann Retractor, 44mm, (for Large Fragment)

2146-016 Hohmann Retractor, 16mm, (for Large Fragment)

7-051-03 Screw Holding Forcep (for Large Fragment)

7-157-01 Star Screwdriver Shaft, T25 for AV-Wiselock Large Fragment

3412-030 Drill Guide For Neutral and Loaded Position, DCP Ø4.5/3.2mm

7-050-05 T-Handle for Threaded Sleeve

7-157-02 Star Screwdriver, T25 for AV-Wiselock Large Fragment

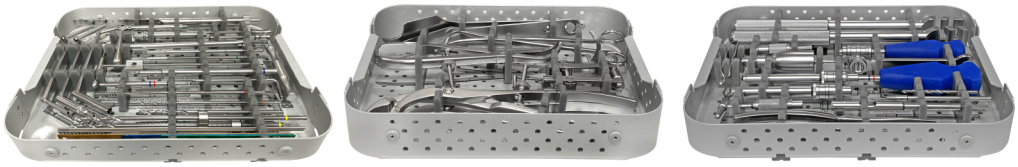
7-157-03 4.3mm Variable Angle Double Drill Guide

7-157-04 Threaded Drill Sleeve, Ø4.3/5.0mm for AV-Wiselock Large Fragment

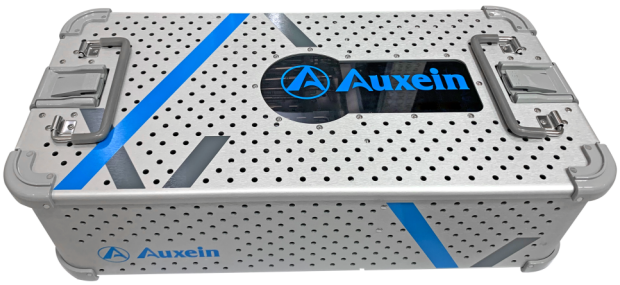
7-157-05 6.0Nm Torque Limiting Handle for AV-Wiselock Large Fragment

7-157-06 Screw Caddy for AV-Wiselock Large Fragment System

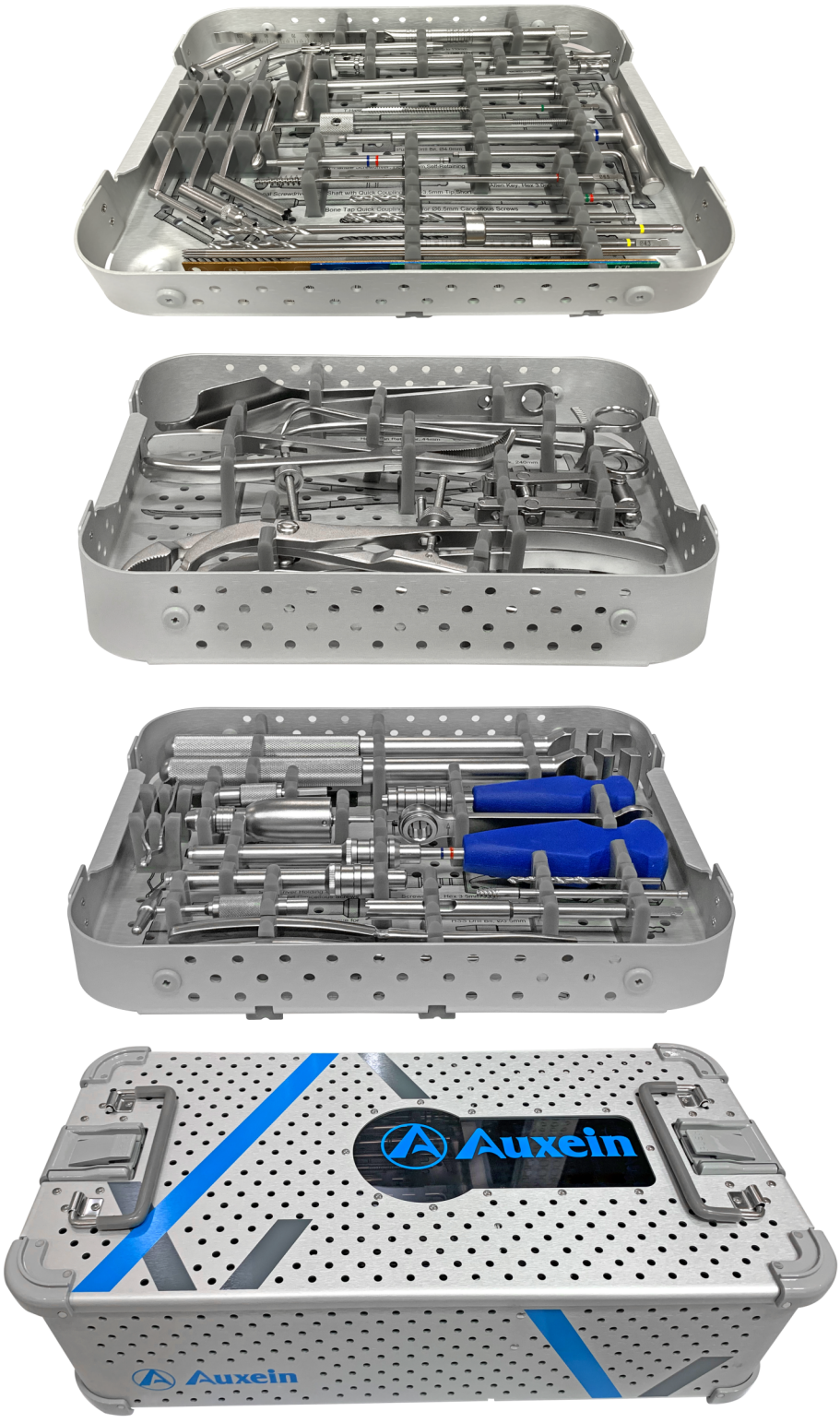
7-157-07 Instrument Trays for AV- Wise-Lock Large Fragment Instrument Set



7-157-08 Container for AV- Wise-Lock Large Fragment Instrument Set



7-157 AV-Wiselock Large Fragment Instruments Set



7-157 AV-Wiselock Large Fragment Instruments Set

Codes	Set Consisting of:	Units
2100-3.2-145	Drill Bit with Quick Coupling End, Ø3.2mm x Length 145mm, (for Large Fragment)	1
2100-4.5-145	Drill Bit with Quick Coupling End, Ø4.5mm x Length 145mm, (for Large Fragment)	1
2103-07	Bone Tap Quick Coupling for Ø4.5mm Cortical Screws, (for Large Fragment)	1
2103-09	Bone Tap Quick Coupling for Ø6.5mm Cancellous Screws, (for Large Fragment)	1
2103-4.3-225	Drill Bit Quick Coupling with Stopper Ø4.3mm x Length 225mm, (for Large Fragment)	2
2106-2.0	Guide Sleeve for Ø2.0mm K. Wires (for Large Fragment)	1
3400-02	T-Handle Countersink for Ø4.5/6.5mm Screws, (for Large Fragment)	1
3420-02	Insert Drill Sleeve, Ø4.5/3.2mm, (for Large Fragment)	1
3443-38-5.0	Extraction Screw, Ø5.0mm, (for Large Fragment)	1
3408-04	Hexagonal Screwdriver Shaft - 3.5mm Tip, Quick Coupling, Short (for Large Fragment)	1
2186-3.5	HSS Drill Bit, Ø3.5mm, (for Large Fragment)	1
1472-058	Self-Centering Double Drill Guide, Ø4.5/3.2mm, (for Large Fragment)	1
3767-6.5	Double Drill Guide, Ø6.5/3.2mm, (for Large Fragment)	1
BT-LF-S	Bending Template, Small, (for Large Fragment)	1
BT-LF-M	Bending Template, Medium, (for Large Fragment)	1
BT-LF-L	Bending Template, Large, (for Large Fragment)	1
GW-2.0-230	Guide Wire with Threaded Tip, Ø2.0mm x Thread Length 10mm x Length 230mm	3
3766-003	Allen Key, Hex 3.0mm (for Large Fragment)	1
1472-052	Pulling Drill Bit, Ø4.0mm (for Large Fragment)	1
3443-400	Depth Gauge measuring upto 110mm (for Large Fragment)	1
3406-04	Screwdriver, Hex 3.5mm, (for Large Fragment)	1
3406-04S	Holding Sleeve for Screwdriver, Hex 3.5mm, for Locking Screw	1
3445-3.5	T-Handle Screwdriver, Hex 3.5mm, Self-Retaining (for Large Fragment)	1
1472-056	Screwdriver Holding Sleeve for Cortical and Cancellous Screws (for Large Fragment)	1
3408-04L	Hexagonal Screwdriver Shaft with Quick Coupling - 3.5mm Tip, Long	1
7-051-04	Trephine (for Large Fragment)	1
3402-000	T-Handle with Quick Coupling (for Large Fragment)	1
1472-054	Quick Coupling Shaft (for Large Fragment)	1
TQ-3.5	Torque Limiting Attachment, 4.0Nm, (for Large Fragment)	1
1472-064	Torque Screwdriver Handle (for Large Fragment)	1
3409-01L	Bending Iron, Left, (for Large Fragment)	1
3409-01R	Bending Iron, Right, (for Large Fragment)	1
1472-032	Articulated Tension Device (for Large Fragment)	1
1472-034	Articulated Tension Device Key (for Large Fragment)	1
2150-1008	Periosteal Elevator, Round, 8mm, (for Large Fragment)	1
2150-1016	Periosteal Elevator, Flat, 16mm, (for Large Fragment)	1

Codes	Set Consisting of:	Units
2107-1240	Reduction Forcep, Pointed, Ratchet Lock, 240mm, (for Large Fragment)	1
2106-1240	Reduction Forcep, Serrated, Speed Lock, 240mm, (for Large Fragment)	1
2105-000	Self-Centering Bone Holding Forcep, Speed Lock, (for Large Fragment)	2
1472-070	Hohmann Retractor, 44mm, (for Large Fragment)	1
2146-016	Hohmann Retractor, 16mm, (for Large Fragment)	1
7-051-03	Screw Holding Forcep (for Large Fragment)	1
7-157-01	Star Screwdriver Shaft, T25 for AV-Wiselock Large Fragment	1
3412-030	Drill Guide For Neutral and Loaded Position, DCP Ø4.5/3.2mm	1
7-050-05	T-Handle for Threaded Sleeve	1
7-157-02	Star Screwdriver Shaft, T25 for Large Fragment	1
7-157-03	4.3mm Variable Angle Double Drill Guide	1
7-157-04	Threaded Drill Sleeve, Ø4.3/5.0mm for AV-Wiselock Large Fragment	3
7-157-05	6.0Nm Torque Limiting Handle for AV-Wiselock Large Fragment	1
7-157-06	Screw Caddy for 5.0mm AV-Wiselock Large Fragment System	1
7-157-07	Instrument Trays for AV- Wise-Lock Large Fragment Instrument Set	3
7-157-08	Container for AV- Wise-Lock Large Fragment Instrument Set	1

USA
Auxein Inc.
1500 Nw 89th Court, Suite 107-108
Doral, Florida 33172
Tel: +1 305 395 6062
E Fax: +1 305 395 6262
Email: USoffice@auxein.com

MEXICO
Auxein México, S.A. de C.V.
Tepic 139 int 801, Colonia Roma Sur,
Alcaldía Cuauhtémoc, CDMX,
México, C.P. 06760
Tel: +521 55 7261 0318
Email: info@auxein.mx

INDIA
Auxein Medical Pvt. Ltd.
Plot No. 168-169-170, Phase-4,
Kundli Industrial Area,
HSIIDC, Sector-57, Sonepat - 131028, Haryana
Tel: +91 99106 43638 | Fax: +91 86077 70197
Email: info@auxein.com

www.auxein.com